

A collage of industrial images including a refinery, a conveyor belt, an offshore oil rig, a mining truck, solar panels, and a firefighter.

March 2023

V1.3 0323

Product Price List



www.sterlingpumps.com.au

Sterling Pumps Company Information

Sterling Pumps are an Australian based pump and motor manufacturer based in Pakenham and Sunshine, suburbs of Melbourne. As a complete solution provider, we offer a catalogue of standard products for common pumping uses and the capability to design, manufacture and test pumps, motor and fluid systems to specific individual requirements.

We design, cast, machine, fabricate, manufacture and test a diverse range of pumps including our vertical line shaft turbines, cast submersible pumps, fabricated submersible stainless steel pumps, submersible motors, horizontal split case pumps, open drain and non clog sewage and dewatering pumps, horizontal multistage pumps and industrial end suction pumps. We design and manufacture pumping packages including certified firefighting systems and API610 VS1 and VS6 pumps and pumping systems.



Sterling Pump products are installed around Australia and internationally in agricultural, mining, municipal, civil, industrial fire protection and aviation sectors as well as processing and emergency operations by some of the largest oil and gas operations in the world.

Sterling Pumps is a member of the global WPIL International group, which is comprised of Aturia Group (Italy), WPIL India Ltd, Rutschi Pompes (France), Rutschi Fluid (Switzerland), Mathers Ltd (United Kingdom), APE Pumps (South Africa), Finder Pompe (Italy), United Pumps Australia and ourselves. The purpose of this group is to share designs, patents and information with the aim of continuing as world leaders in design and manufacturing of pumps and pumping systems throughout the many industries that we support.

Vertical Line Shaft Turbines

- 4" to 24" ex Melbourne (VT series)
- Sizes up to 90" available
- Electric driven or diesel engine driven
- Constructions in;
 - Cast Iron, Zinc Free Bronze, Stainless Steel, Duplex SS, Super Duplex SS
 - Carbon Steel, Nickel Aluminium Bronze, Zeron 100
- Flanged or threaded column in mild steel or stainless steel
- Water/fluid lube column or oil lube column
- Axial Flow and Mixed Flow turbines available



Submersible Bore Pumps

- 4" to 20" ex Melbourne (TS series)
- Cast pumps available in:
 - Cast Iron, Zinc Free Bronze, Stainless Steel, Duplex SS, Super Duplex
 - Carbon Steel, Nickel Aluminium Bronze, Zeron 100
- Fabricated pumps, 4" 6" 8" and 10" (W series)
 - Available in 304 and 316SS(N) up to 280 m³/h



Submersible Motors

- 1.1 kW to 185 kW, 2p, 50 Hz
- 4", 6", 8", 10" in stock Melbourne, Standard, 304 and 316SS constructions
- 12" to 20" available
- 4 pole motors
- Special construction motors available in;
- Duplex SS, Super Duplex, Nickel Alum Bronze, Copper-Nickel & Zeron 100
- 60 Hertz motors
- 240v, 415V, 1000V, 3300V and 6600V



Sewage and Dewatering Pumps

- Pumps up to 20,000 m³/h, heads; to 100 metres, power to 500kW (G-N-NC-MS series)
- Heavy Duty cast iron industrial sewage and dewatering
- Non Clog pumps
- Guide rails options compatible with industry standards
- Mixed Flow solid handling Pumps (MN series)



Horizontal Multistage Pumps

Cast iron construction

- flows up to 850 m³/h, heads up to 500 metres, power up to 560kW (TL, TK-TKB-TKV series)
- 316SS optional construction
- 40 and 63 bar working pressures
- Electric driven or Diesel motor driven
- Horizontal and vertical orientation models
- Multiple porting options



Split Case Pumps

- Cast iron and stainless steel constructions (U-LN-LR series)
- Flows up to 10,000 m³/h, head up to 200 metres



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Horizontal Multistage Pumps - TK Series

25-40

Outlet: DN25 Inlet: DN40

DIN flanges

Operating Pressures; Suction 12 bar* Outlet: 40 bar

2P: Head H: 30-367M Flow Q: 3-12m³h Power: 2.2-18.5kW4P: Head H: 15-84M Flow Q: 3-6.6m³h Power: 1.1-3kW

| Casing - Cast Iron | | | | | |
|---------------------------|----|----|-----------|-----------------|-----------|
| Impeller material options | | | | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | Y | Y | \$6,930 | \$8,358 | \$8,736 |
| TK-3 | Y | Y | \$7,504 | \$9,660 | \$10,220 |
| TK-4 | Y | Y | \$8,050 | \$10,920 | \$11,662 |
| TK-5 | Y | Y | \$8,610 | \$12,194 | \$13,132 |
| TK-6 | Y | Y | \$9,198 | \$13,482 | \$14,616 |
| TK-7 | Y | Y | \$9,744 | \$14,742 | \$16,058 |
| TK-8 | Y | Y | \$10,318 | \$16,044 | \$17,542 |
| TK-9 | Y | Y | \$10,878 | \$17,318 | \$18,998 |
| TK-10 | Y | Y | \$11,438 | \$18,592 | \$20,468 |
| TK-11 | Y | Y | \$11,998 | \$19,866 | \$21,924 |
| TK-12 | Y | Y | \$12,544 | \$21,126 | \$23,380 |
| TK-13 | Y | Y | \$13,132 | \$22,428 | \$24,864 |
| TK-14 | Y | Y | \$13,678 | \$23,688 | \$26,306 |

Notes:

TK & VTK models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals

Maximum admissible casing pressure (suction + shut off head) is 40 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TK pump and motor base up available on request.





Horizontal Multistage Pumps - TK Series

32-50

Outlet: DN32 Inlet: DN50

DIN flanges

Operating Pressures; Suction 12 bar* Outlet: 40 bar

2P: Head H: 49-384M Flow Q: 9-30 m³h Power: 7.5-37kW

4P: Head H: 49-127M Flow Q: 6-15 m³h Power: 2.2-7.5kW



| | | | Casing - Cast Iron | | |
|-------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | Y | Y | \$8,974 | \$10,304 | \$10,570 |
| TK-3 | Y | Y | \$9,772 | \$11,760 | \$12,180 |
| TK-4 | Y | Y | \$10,542 | \$13,202 | \$13,734 |
| TK-5 | Y | Y | \$11,312 | \$14,630 | \$15,302 |
| TK-6 | Y | Y | \$12,068 | \$16,058 | \$16,870 |
| TK-7 | Y | Y | \$12,866 | \$17,514 | \$18,480 |
| TK-8 | Y | Y | \$13,636 | \$18,956 | \$20,034 |
| TK-9 | Y | Y | \$14,406 | \$20,384 | \$21,602 |
| TK-10 | Y | Y | \$15,204 | \$21,840 | \$23,212 |
| TK-11 | X | Y | \$15,974 | \$23,282 | \$24,780 |
| TK-12 | X | Y | \$16,744 | \$24,710 | \$26,334 |
| TK-13 | X | Y | \$17,500 | \$26,138 | \$27,902 |
| TK-14 | X | Y | \$18,480 | \$27,776 | \$29,680 |

Notes:

TK & VTK models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals

Maximum admissible casing pressure (suction + shut off head) is 40 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TK pump and motor base up available on request.





Horizontal Multistage Pumps - TK Series

| | | |
|--------------|---------------------------------|--------------------|
| 40-65 | Outlet: DN40 Inlet: DN65 | DIN flanges |
|--------------|---------------------------------|--------------------|

Operating Pressures; Suction 12 bar* Outlet: 40 bar
2P: Head H: 48-392M Flow Q: 18-4m³h Power: 11-55kW
4P: Head H: 24-138M Flow Q: 9-21m³h Power: 3-11kW



| | | | Casing - Cast Iron | | |
|-------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | Y | Y | \$10,332 | \$11,760 | \$12,138 |
| TK-3 | Y | Y | \$11,438 | \$13,594 | \$14,154 |
| TK-4 | Y | Y | \$12,572 | \$15,428 | \$16,170 |
| TK-5 | Y | Y | \$13,678 | \$17,248 | \$18,186 |
| TK-6 | Y | Y | \$14,784 | \$19,068 | \$20,188 |
| TK-7 | Y | Y | \$15,890 | \$20,888 | \$22,204 |
| TK-8 | Y | Y | \$16,996 | \$22,708 | \$24,206 |
| TK-9 | Y | Y | \$18,102 | \$24,542 | \$26,222 |
| TK-10 | X | Y | \$19,208 | \$26,362 | \$28,224 |
| TK-11 | X | Y | \$20,314 | \$28,182 | \$30,240 |
| TK-12 | X | Y | \$21,420 | \$30,002 | \$32,242 |
| TK-13 | X | Y | \$22,526 | \$31,822 | \$34,258 |

Notes:

- TK & VTK models sold without electric motors, order separately
- Refer to product technical data sheets for specifications
- Standard and special mechanical seals available with price adders
- * Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals
- Maximum admissible casing pressure (suction + shut off head) is 40 Bar
- Suction flanges: PN16 Bar. Delivery flanges: PN40 Bar
- Casings available in ZF bronze, 316SS and Duplex SS, pricing on request
- TK pump and motor base up available on request.





Horizontal Multistage Pumps - TK Series

50-80

Outlet: DN50 Inlet: DN80

DIN flanges

Operating Pressures; Suction 12 bar* Outlet: 40 bar

2P: Head H: 55-396M Flow Q: 30-66m³h Power: 15-75kW4P: Head H: 21-143M Flow Q: 15-33m³h Power: 3-15kW

| | | | Casing - Cast Iron | | |
|-------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | Y | Y | \$10,486 | \$12,152 | \$12,502 |
| TK-3 | Y | Y | \$11,592 | \$14,098 | \$14,616 |
| TK-4 | Y | Y | \$12,698 | \$16,044 | \$16,716 |
| TK-5 | Y | Y | \$13,776 | \$17,948 | \$18,802 |
| TK-6 | Y | Y | \$14,882 | \$19,894 | \$20,902 |
| TK-7 | Y | Y | \$15,988 | \$21,826 | \$23,016 |
| TK-8 | Y | Y | \$17,094 | \$23,772 | \$25,130 |
| TK-9 | X | Y | \$18,200 | \$25,704 | \$27,244 |
| TK-10 | X | Y | \$19,278 | \$27,622 | \$29,316 |
| TK-11 | X | Y | \$20,384 | \$29,554 | \$31,430 |
| TK-12 | X | Y | \$21,504 | \$31,514 | \$33,558 |

Notes:

TK & VTK models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals

Maximum admissible casing pressure (suction + shut off head) is 40 Bar

Suction flanges: PN16 Bar. Delivery flanges: PN40 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TK pump and motor base up available on request.





Horizontal Multistage Pumps - TK Series

65-100 **Outlet: DN65 Inlet: DN100** **DIN flanges**

Operating Pressures; Suction 12 bar* Outlet: 40 bar
2P: Head H: 52-388M Flow Q: 36-108m³h Power: 30-132kW
4P: Head H: 15-156M Flow Q: 18-54m³h Power: 4-30kW



| | | | Casing - Cast Iron | | |
|-------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | Y | Y | \$12,362 | \$14,784 | \$15,330 |
| TK-3 | Y | Y | \$13,790 | \$17,416 | \$18,242 |
| TK-4 | Y | Y | \$15,204 | \$20,034 | \$21,126 |
| TK-5 | Y | Y | \$16,142 | \$22,190 | \$23,548 |
| TK-6 | Y | Y | \$17,486 | \$24,738 | \$26,376 |
| TK-7 | X | Y | \$18,844 | \$27,314 | \$29,218 |
| TK-8 | X | Y | \$20,216 | \$29,890 | \$32,060 |
| TK-9 | X | Y | \$21,574 | \$32,452 | \$34,902 |
| TK-10 | X | Y | \$22,932 | \$35,028 | \$37,744 |

Notes:

TK & VTK models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals

Maximum admissible casing pressure (suction + shut off head) is 40 Bar

Suction flanges: PN16 Bar. Delivery flanges: PN40 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TK pump and motor base up available on request.





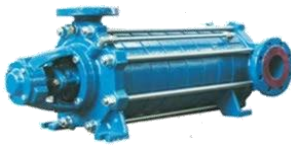
Horizontal Multistage Pumps - TK Series

| | | |
|---------------|----------------------------------|--------------------|
| 80-125 | Outlet: DN80 Inlet: DN125 | DIN flanges |
|---------------|----------------------------------|--------------------|

Operating Pressures; Suction 12 bar* Outlet: 40 bar

2P: Head H: 82-365M Flow Q: 60-150m³h Power: 45-160kW

4P: Head H: 21-189M Flow Q: 30-84m³h Power: 7.5-55kW



| | | | Casing - Cast Iron | | |
|------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | Y | Y | \$17,822 | \$21,028 | \$21,840 |
| TK-3 | Y | Y | \$19,607 | \$24,416 | \$25,641 |
| TK-4 | Y | Y | \$21,434 | \$27,860 | \$29,477 |
| TK-5 | Y | Y | \$23,205 | \$31,227 | \$33,257 |
| TK-6 | Y | Y | \$25,711 | \$35,336 | \$37,779 |
| TK-7 | Y | Y | \$27,538 | \$38,780 | \$41,615 |
| TK-8 | Y | Y | \$29,645 | \$42,476 | \$45,724 |
| TK-9 | Y | Y | \$31,780 | \$46,228 | \$49,875 |

| | | |
|--------------------------|--|---------|
| Additional Outlet - each | | \$7,056 |
| Nozzle re-orientation | | \$1,120 |



Notes:

TK & VTK models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals

Maximum admissible casing pressure (suction + shut off head) is 40 Bar

Suction flanges: PN16 Bar. Delivery flanges: PN40 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TK pump and motor base up available on request.



Horizontal Multistage Pumps - TK Series

100-150/B

Outlet: DN100 Inlet: DN150

DIN flanges

Operating Pressures; Suction 12 bar* Outlet: 40 bar

2P: Head H: 90-369M Flow Q: 90-300m³h Power: 110-250kW

4P: Head H: 26-224M Flow Q: 42-135m³h Power: 11-90kW



| | | | Casing - Cast Iron | | |
|------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | Y | Y | \$22,596 | \$26,908 | \$27,874 |
| TK-3 | Y | Y | \$25,270 | \$31,738 | \$33,187 |
| TK-4 | Y | Y | \$27,979 | \$36,610 | \$38,535 |
| TK-5 | X | Y | \$30,660 | \$41,454 | \$43,848 |
| TK-6 | X | Y | \$33,369 | \$46,319 | \$49,196 |
| TK-7 | X | Y | \$36,022 | \$51,128 | \$54,488 |
| TK-8 | X | Y | \$38,696 | \$55,965 | \$59,801 |

Notes:

TK & VTK models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals

Maximum admissible casing pressure (suction + shut off head) is 40 Bar

Suction flanges: PN16 Bar. Delivery flanges: PN40 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TK pump and motor base up available on request.





Horizontal Multistage Pumps - TK Series

125-150/A & B
Outlet: DN125 Inlet: DN150
DIN flanges
Operating Pressures; Suction 12 bar* Outlet: 40 bar
2P: Head H: 140-300M Flow Q: 100-475m³h Power: 60-400kW
4P: Head H: 36-300M Flow Q: 75-270m³h Power: 30-250kW


| | | | Casing - Cast Iron | | |
|------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | Y | Y | \$29,918 | \$28,455 | \$36,596 |
| TK-3 | Y | Y | \$34,713 | \$34,909 | \$44,730 |
| TK-4 | Y | Y | \$39,473 | \$41,356 | \$52,829 |
| TK-5 | Y | Y | \$44,289 | \$47,789 | \$60,984 |
| TK-6 | Y | Y | \$49,084 | \$54,257 | \$69,118 |
| TK-7 | Y | Y | \$53,844 | \$60,704 | \$77,217 |
| TK-8 | Y | Y | \$58,660 | \$67,158 | \$85,365 |

Notes:

TK & VTK models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

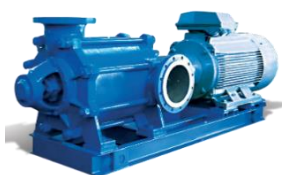
* Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals

Maximum admissible casing pressure (suction + shut off head) is 40 Bar

Suction flanges: PN16 Bar. Delivery flanges: PN40 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TK pump and motor base up available on request.





Horizontal Multistage Pumps - TK Series

150-200

Outlet: DN150 Inlet: DN200

DIN flanges

Operating Pressures; Suction 12 bar* Outlet: 25 bar

4P: Head H: 53-309M Flow Q: 180-360m³h Power: 75-400kW

| | | | Casing - Cast Iron | | |
|------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | X | Y | \$42,315 | \$49,658 | \$50,764 |
| TK-3 | X | Y | \$48,034 | \$59,045 | \$60,704 |
| TK-4 | X | Y | \$53,732 | \$68,418 | \$70,630 |
| TK-5 | X | Y | \$59,472 | \$77,826 | \$80,591 |
| TK-6 | X | Y | \$65,170 | \$87,192 | \$90,510 |
| TK-7 | X | Y | \$70,889 | \$96,579 | \$100,457 |

Notes:

TK & VTK models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals

Maximum admissible casing pressure (suction + shut off head) is 30 Bar

Suction flanges: PN16 Bar. Delivery flanges: PN40 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TK pump and motor base up available on request.





Horizontal Multistage Pumps - TK Series

200-250/A

Outlet: DN200 Inlet: DN250

DIN flanges

Operating Pressures; Suction 12 bar* Outlet: 25 bar

4P: Head H: 62-303M Flow Q: 210-480m³h Power: 110-400kW



| | | Casing - Cast Iron | | | |
|------|----|---------------------------|-----------|-----------------|-----------|
| | | Impeller material options | | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | X | Y | \$52,997 | \$62,769 | \$64,540 |
| TK-3 | X | Y | \$62,069 | \$76,734 | \$79,394 |
| TK-4 | X | Y | \$71,162 | \$90,713 | \$94,255 |
| TK-5 | X | Y | \$80,241 | \$104,678 | \$109,109 |
| TK-6 | X | Y | \$90,181 | \$119,511 | \$124,824 |

200-250/B

Outlet: DN200 Inlet: DN250

DIN flanges

Operating Pressures; Suction 12 bar* Outlet: 25 bar

4P: Head H: 48-261M Flow Q: 300-600m³h Power: 90-500kW



| | | Casing - Cast Iron | | | |
|------|----|---------------------------|-----------|-----------------|-----------|
| | | Impeller material options | | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | X | Y | \$62,034 | \$72,254 | \$74,431 |
| TK-3 | X | Y | \$71,904 | \$87,227 | \$90,496 |
| TK-4 | X | Y | \$81,732 | \$102,172 | \$106,526 |
| TK-5 | X | Y | \$95,970 | \$121,520 | \$126,959 |
| TK-6 | X | Y | \$110,159 | \$140,812 | \$147,343 |

Notes:

TK & VTK models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals

Maximum admissible casing pressure (suction + shut off head) is 30 Bar

Suction flanges: PN16 Bar. Delivery flanges: PN40 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TK pump and motor base up available on request.





Horizontal Multistage Pumps - TK Series

| | | |
|----------------|-----------------------------------|--------------------|
| 250-300 | Outlet: DN250 Inlet: DN300 | DIN flanges |
|----------------|-----------------------------------|--------------------|

Operating Pressures; Suction 12 bar* Outlet: 25 bar
4P: Head H: 58-257M Flow Q: 450-840m³h Power: 160-630kW



| | | | Casing - Cast Iron | | |
|------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TK-2 | X | Y | \$83,426 | \$95,459 | \$99,610 |
| TK-3 | X | Y | \$94,759 | \$112,805 | \$119,028 |
| TK-4 | X | Y | \$111,076 | \$135,142 | \$143,437 |
| TK-5 | X | Y | \$122,906 | \$152,992 | \$163,359 |

Notes:

TK & VTK models sold without electric motors, order separately
 Refer to product technical data sheets for specifications
 Standard and special mechanical seals available with price adders
 * Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals
 Maximum admissible casing pressure (suction + shut off head) is 30 Bar
 Suction flanges: PN16 Bar. Delivery flanges: PN40 Bar
 Casings available in ZF bronze, 316SS and Duplex SS, pricing on request
 TK pump and motor base up available on request.





Horizontal Multistage Pumps - TK Series

High Pressure multistage TKR pump

Operating Pressures; Suction 12 bar* Outlet: 64 bar

DIN flanges

32-50

2P: Head H: 160-570M Flow Q: 9-30 m³h Power: 30-75kW



| | | | Casing - Cast Iron | | |
|--------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TKR-11 | Y | X | \$49,084 | \$59,528 | \$61,656 |
| TKR-12 | Y | X | \$51,030 | \$62,412 | \$64,750 |
| TKR-13 | Y | X | \$52,976 | \$65,310 | \$67,844 |

40-65

2P: Head H: 160-600M Flow Q: 18-45m³h Power: 45-90kW

| | | | Casing - Cast Iron | | |
|--------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TKR-10 | Y | X | \$70,924 | \$83,790 | \$87,164 |
| TKR-11 | Y | X | \$73,808 | \$87,962 | \$91,672 |
| TKR-12 | Y | X | \$76,678 | \$92,134 | \$96,180 |

50-80

2P: Head H: 158-675M Flow Q: 30-68m³h Power: 55-132kW

| | | | Casing - Cast Iron | | |
|--------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TKR-9 | Y | X | \$54,390 | \$65,114 | \$67,298 |
| TKR-10 | Y | X | \$56,630 | \$68,544 | \$70,980 |
| TKR-11 | Y | X | \$58,870 | \$71,974 | \$74,648 |
| TKR-12 | Y | X | \$61,096 | \$75,404 | \$78,330 |

65-100

2P: Head H: 140-660M Flow Q: 36-108m³h Power: 90-200kW

| | | | Casing - Cast Iron | | |
|--------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TKR-7 | Y | X | \$62,762 | \$74,844 | \$77,574 |
| TKR-8 | Y | X | \$65,912 | \$79,730 | \$82,852 |
| TKR-9 | Y | X | \$69,132 | \$84,672 | \$88,172 |
| TKR-10 | Y | X | \$72,296 | \$89,558 | \$93,450 |

Notes:

TKR models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN16 using mechanical seals

Maximum admissible casing pressure (suction + shut off head) is 64 Bar

Suction flanges: PN16 Bar. Delivery flanges: PN64 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TKR pump and motor base up available on request.





Horizontal Multistage Pumps - TK Series

High Pressure multistage TKR pump

Operating Pressures; Suction 12 bar* Outlet: 64 bar

DIN flanges

80-125

2P: Head H: 164-630M Flow Q: 60-150m³h Power: 132-315kW



| | | | Casing - Cast Iron | | |
|-------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TKR-5 | Y | X | \$74,137 | \$84,721 | \$87,395 |
| TKR-6 | Y | X | \$78,764 | \$91,462 | \$94,668 |
| TKR-7 | Y | X | \$83,384 | \$98,196 | \$101,941 |
| TKR-8 | Y | X | \$88,004 | \$104,937 | \$109,214 |

100-150B

2P: Head H: 153-600M Flow Q: 120-300m³h Power: 160-400kW

| | | | Casing - Cast Iron | | |
|-------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TKR-4 | Y | X | \$95,543 | \$106,932 | \$109,459 |
| TKR-5 | Y | X | \$102,116 | \$116,340 | \$119,504 |
| TKR-6 | Y | X | \$108,633 | \$125,706 | \$129,500 |

125-150B

2P: Head H: 140-300M Flow Q: 100-475m³h Power: 60-400kW

| | | | Casing - Cast Iron | | |
|-------|----|----|---------------------------|-----------------|-----------|
| | | | Impeller material options | | |
| Size | 2p | 4p | Cast Iron | Stainless Steel | ZF Bronze |
| TKR-4 | Y | X | \$106,785 | \$118,097 | \$119,994 |
| TKR-5 | Y | X | \$116,900 | \$131,985 | \$134,512 |
| TKR-6 | Y | X | \$126,973 | \$145,824 | \$148,988 |

Notes:

TKR models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN16 using mechanical seals

Maximum admissible casing pressure (suction + shut off head) is 64 Bar

Suction flanges: PN16 Bar. Delivery flanges: PN64 Bar

Casings available in ZF bronze, 316SS and Duplex SS, pricing on request

TKR pump and motor base up available on request.





Horizontal Multistage Pumps - TK-TL Series

All TK bare shaft pumps

| | | |
|---------------------------|-----------------|------------------|
| Soft Gland packing. | Suction: 12 bar | Delivery: 40 bar |
| Standard Mechanical Seal. | Suction: 6 bar | Delivery: 30 bar |
| Special Mechanical Seal. | Suction: 16 bar | Delivery: 40 bar |

| Pump model | Shaft dia | Mechanical Seals ** | |
|-------------|-----------|-------------------------------------------|-------------|
| | | Price adder (2 seals) per bare shaft pump | |
| | | Ca/Sic/EPDM | Sic/Sic/Vit |
| | | Standard | Special |
| TK 25-40 | 20 | \$1,897 | POA |
| TK 32-50 | 30 | \$2,023 | POA |
| TK 40-65 | 35 | \$2,149 | POA |
| TK 50-80 | 35 | \$749 | POA |
| TK 65-100 | 40 | \$4,235 | POA |
| TK 80-125 | 45 | \$4,620 | POA |
| TK 100-150 | 50 | \$12,586 | POA |
| TK 100-150B | 50 | \$12,586 | POA |
| TK 125-150A | 50 | \$12,586 | POA |
| TK 125-150B | 50 | \$12,586 | POA |
| TK 150-200 | 55 | \$20,930 | POA |
| TK 200-250A | 60 | \$21,693 | POA |
| TK 200-250B | 65 | \$24,472 | POA |
| TK 250-300 | 70 | \$27,888 | POA |

+ TL125-250
+ TL125-250

Plan 11 system included

Note:

There are two (2) Mechanical Seal assemblies per TK & TL pump

** For water temp <80°C, a Plan 11 seal flush system is fitted as standard

** For Water temp >81°C, a Plan 23 seal flush system with cooler is fitted, POA

The TK pump is a (BB) 'Between Bearings' design where the rotor is supported each end by the bearings



Horizontal Multistage Pumps - TL Series



| | | Casing - Cast Iron | | |
|-------------|-----|---------------------------|-----------------|-----------|
| | | Impeller material options | | |
| Size | Stg | Cast Iron | Stainless Steel | ZF Bronze |
| TL 125-250A | 2 | POA | \$16,020 | POA |
| | 3 | | \$16,800 | |
| | 4 | | \$19,120 | |
| | 5 | | \$21,400 | |
| | 6 | | \$23,690 | |
| | 7 | | \$25,080 | |
| | 8 | | \$28,560 | |
| | 9 | | \$29,620 | |
| | 10 | | \$30,680 | |

| | | Casing - Cast Iron | | |
|-------------|-----|---------------------------|-----------------|-----------|
| | | Impeller material options | | |
| Size | Stg | Cast Iron | Stainless Steel | ZF Bronze |
| TL 125-300A | 2 | POA | POA | POA |
| | 3 | | POA | |
| | 4 | | \$30,400 | |
| | 5 | | \$33,010 | |
| | 6 | | \$35,620 | |
| | 7 | | \$38,300 | |

| | | Casing - Cast Iron | | |
|-------------|-----|---------------------------|-----------------|-----------|
| | | Impeller material options | | |
| Size | Stg | Cast Iron | Stainless Steel | ZF Bronze |
| TL 150-350A | 2 | POA | \$30,630 | POA |
| | 3 | | POA | |
| | 4 | | \$41,780 | |
| | 5 | | \$44,870 | |
| | 6 | | POA | |
| | 7 | | \$53,200 | |

Notes:

TL models sold without electric motors, order separately

Refer to product technical data sheets for specifications

Standard and special mechanical seals available with price adders

* Operating PN12 range is based on soft packing gland. PN6 & PN16 using mech seals

Maximum admissible casing pressure (suction + shut off head) is 40 Bar

Suction flanges: PN10 Bar. Delivery flanges: PN40 Bar



Horizontal Split Case Pumps - U Series



Axially Split, Single Stage, Double - Suction pump

| Model | Nominal Dia impeller (inches) | RPM | Discharge size (mm) | Suction size (mm) | Price |
|--------|-------------------------------|-------|---------------------|-------------------|--------------------------------------------------------|
| 2 U 1 | 1" | 2,900 | 50 | 80 | POA Due to many options to suit your specific needs |
| 2 U 13 | 13" | 1,450 | 50 | 80 | |
| 3 U 15 | 15" | 1,450 | 80 | 125 | |
| 4 U13 | 13" | 1,450 | 100 | 150 | |
| 4 U 18 | 18" | 1,450 | 100 | 150 | |
| 6 U 18 | 18" | 1,450 | 150 | 200 | |

Notes:

Axially split case design
 2 stage pump
 Range: 100 m³/h to 2,200 m³/h
 Head up to 90 metre
 Double suction - Closed Impeller
 High efficiency
 Low NPSHR
 Option for Gland Pack seal or Mechanical seal

Construction Options: Cast Iron, Bronze, Stainless Steel
 Refer to specification booklet for more details of build options



Horizontal Split Case Pumps - LN Series



Axially Split, Single Stage, Double suction pump

| Model | Nominal Dia impeller (inches) | RPM | Discharge size (mm) | Suction size (mm) | Price |
|-----------|-------------------------------|-------|---------------------|-------------------|-----------------------------------------------------|
| 8 LN 18 | 18" | 1,480 | 200 | 300 | POA Due to many options to suit your specific needs |
| 8 LN 21 | 21" | 1,480 | 200 | 350 | |
| 9 LN 29 | 29" | 1,480 | 200 | 350 | |
| 10 LN 18 | 18" | 1,480 | 250 | 300 | |
| 10 LN 22 | 22" | 1,480 | 250 | 350 | |
| 10 LN 26 | 26" | 1,480 | 250 | 350 | |
| 12 LN 14 | 14" | 1,480 | 300 | 350 | |
| 12 LN 17 | 17" | 1,480 | 300 | 400 | |
| 12 LN 21 | 21" | 1,480 | 300 | 400 | |
| 12 LNH 21 | 21" | 985 | 300 | 400 | |
| 14 LN 19 | 19" | 985 | 350 | 400 | |
| 16 LN 23 | 23" | 985 | 400 | 500 | |
| 16 LN 35 | 35" | 985 | 400 | 600 | |
| 20 LN 26 | 26" | 985 | 500 | 700 | |
| 20 LN 28 | 28" | 985 | 500 | 600 | |
| 24 LN 34 | 34" | 985 | 600 | 750 | |
| 24 LN 42 | 42" | 985 | 600 | 900 | |
| 30 WLN 30 | 30" | 590 | 750 | 750 | |
| 30 LN 41 | 41" | 590 | 750 | 900 | |

Notes:

Axially split case design
 Single stage pump
 Range: 400 m³/h to 150,000 m³/h
 Head up to 190 metre
 Double suction - Closed Impeller
 Horizontal and vertical executions available
 High efficiency
 Low NPSHR
 Option for Gland Pack seal or Mechanical seal
 LHN = High pressure with larger size shaft

Construction Options: Cast Iron, Bronze, Stainless Steel
 Refer to specification booklet for more details of build options



Horizontal Split Case Pumps - LR Series



Axially Split, Single Stage, Double Volute pump

| Model | Nominal Dia impeller (inches) | RPM | Discharge size (mm) | Suction size (mm) | Price |
|-----------|-------------------------------|-------------|---------------------|-------------------|-----------------------------------------------------|
| 2-½ LR 10 | 10" | 2,900/1,450 | 65 | 80 | POA Due to many options to suit your specific needs |
| 3 LR 12 | 12" | 1,450 | 80 | 125 | |
| 4 LR 12 | 12" | 1,450 | 100 | 150 | |
| 4 LR 14 | 14" | 1,450 | 100 | 150 | |
| 5 LR 10 | 10" | 1,450 | 125 | 150 | |
| 6 LR 13 | 13" | 1,450 | 150 | 200 | |
| 6 LR 16 | 16" | 1,450 | 150 | 200 | |
| 6 LR 18 | 18" | 1,450 | 150 | 250 | |
| 8 LR 14 | 14" | 1,450 | 200 | 250 | |
| 10 LR 16 | 16" | 1,450/960 | 250 | 300 | |
| 12 LR 25 | 25" | 980 | 300 | 450 | |

Notes:

- Axially split case design
- Single stage pump
- Range: 10 m³/h to 2,200 m³/h
- Head up to 90 metre
- Double suction - Closed Impeller
- Horizontal and vertical executions available
- High efficiency
- Option for Gland Pack seal or Mechanical seal

Construction Options: Cast Iron, Bronze, Stainless Steel
 Refer to specification booklet for more details of build options



End Suction Pumps - DS Series



End Suction Pump - Single stage, double volute, radially split

| Model | Nominal impeller diameter (mm) | Bearing Frame size | RPM | Discharge size (mm) | Suction size (mm) | Price |
|-------------|--------------------------------|--------------------|-------|---------------------|-------------------|--------------------------------------------------------|
| 200 DS 401A | 400 | 1 | 1,480 | 200 | 250 | POA Due to many options to suit your specific needs |
| 200 DS 552A | 550 | 2 | 1,480 | 200 | 250 | |
| 250 DS 401A | 400 | 1 | 1,480 | 250 | 300 | |

Other sizes and capacities are available on request

Pump and Motor Assembly on base, available to order - POA

PN16 flanges as standard, option for PN40 or 300 ANSI on request

Notes:

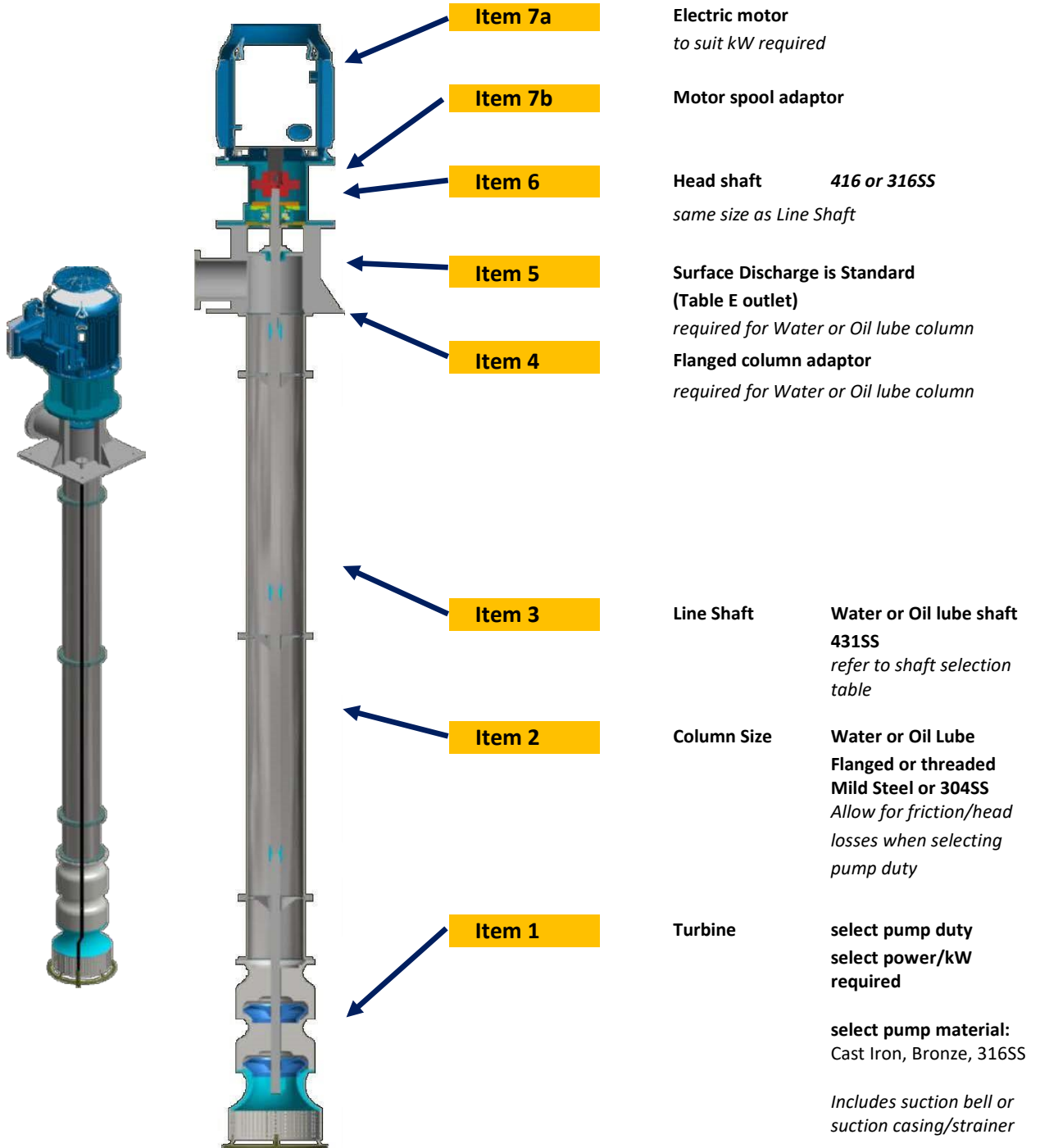
- Back Pull Out design (BPO)
- Single stage pump
- Range: up to 200 m³/h to 1,500 m³/h
- Head up to 106 metres
- Double volute offers stable operation over a wide range
- Stuffing box with 5 packing rings with option for Mechanical seal

Construction Options:

Standard Cast Iron, All Iron, All Bronze, All Stainless Steel

Refer to specification booklet for more details of build options

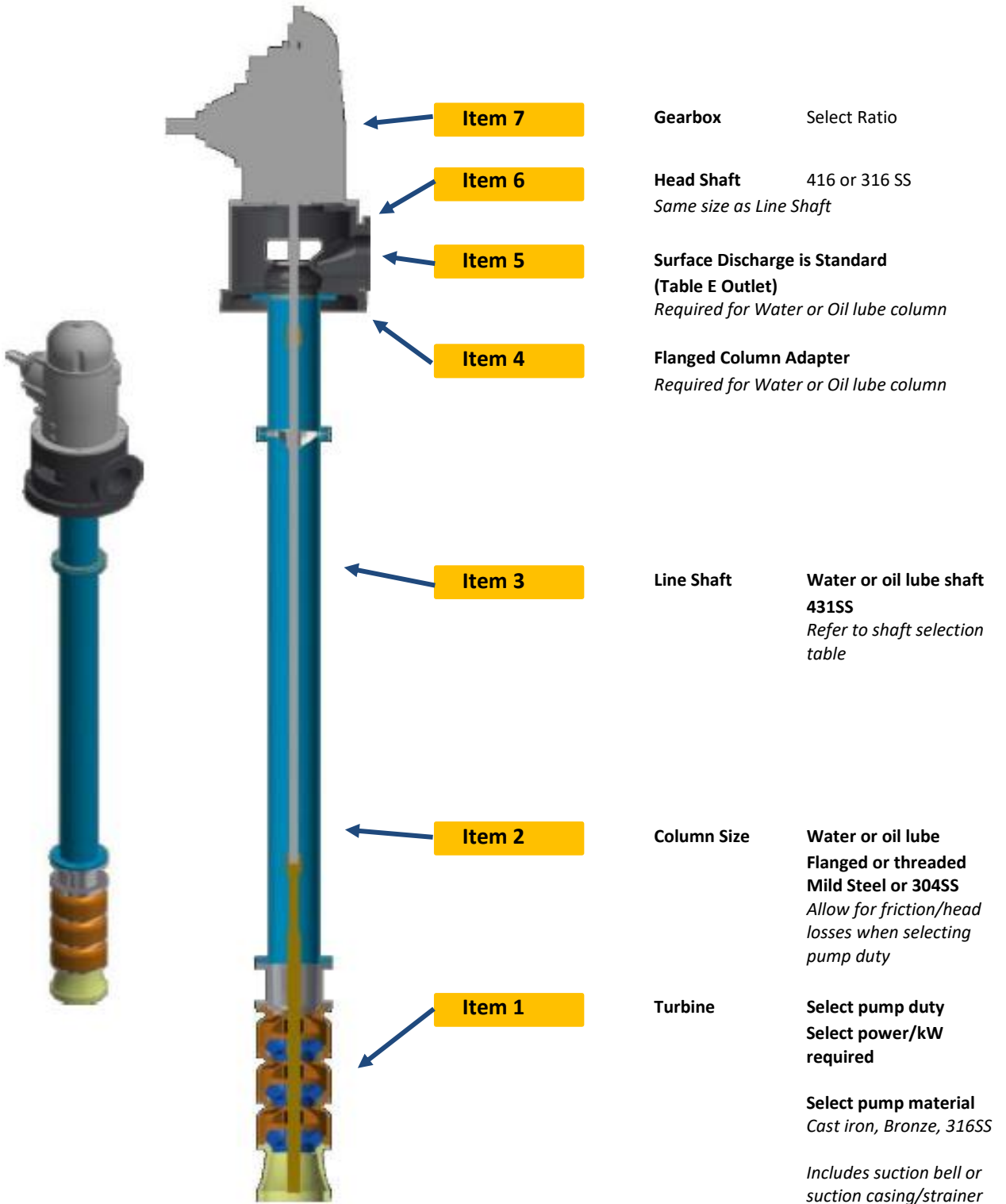
Line Shaft Turbine – Electric Motor



Notes:

Oil column is recommended for pumped liquid containing suspended particles
For speeds over 2,200 rpm, 1.5 metre bearing centres are recommended

Line Shaft Turbine – Gearbox/Engine



Notes:

Oil column is recommended for pumped liquid containing suspended particles.
For speeds over 2,200 rpm, 1.5 metre bearing centres are recommended



VT Series - 5" Line Shaft Turbines

| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|--------|------------|----------|------------|----------|------------|----------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |

Use WT series SS turbines

VT-5AA retired Jan 2021



| VT-5BA | | 125mm bowl diameter | | | 1-22 stg | 125H 1" |
|--------|----------|---------------------|----|----|---------------------------------|---------------------------------|
| 1 | \$2,047 | POA | NA | NA | use WT series 5" SS turbines | use WT series 5" SS turbines |
| 2 | \$3,065 | | | | | |
| 3 | \$4,088 | | | | | |
| 4 | \$5,106 | | | | | |
| 5 | \$6,124 | | | | | |
| 6 | \$7,142 | | | | | |
| 7 | \$8,165 | | | | | |
| 8 | \$9,183 | | | | | |
| 9 | \$10,201 | | | | | |
| 10 | \$11,218 | | | | | |
| 11 | \$12,242 | | | | | |
| 12 | \$13,260 | | | | | |
| 13 | \$14,278 | | | | | |
| 14 | \$15,295 | | | | | |

Notes: To order; VT model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type
 If required, order inlet strainer separately



VT Series - 6" Line Shaft Turbines



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|--------|------------|----------|------------|----------|------------|----------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |

VT-6AA & VT-6BA retired Jan 2021

| VT-6BB | | 132mm bowl diameter | | 1-14 stg | | 150-630 3/4" | |
|--------|-----|---------------------|----|----------|------------------------------|------------------------------|--|
| | POA | POA | NA | NA | use WT series 6" SS turbines | use WT series 6" SS turbines | |

| VT-6CA | | | 140mm bowl diameter | | 1-14 stg | | 150-670 3/4" | |
|--------|----------|----------|---------------------|----|------------------------------|------------------------------|--------------|--|
| 1 | \$2,427 | \$2,772 | NA | NA | use WT series 6" SS turbines | use WT series 6" SS turbines | | |
| 2 | \$3,243 | \$3,577 | | | | | | |
| 3 | \$4,048 | \$4,393 | | | | | | |
| 4 | \$4,865 | \$5,198 | | | | | | |
| 5 | \$5,670 | \$6,015 | | | | | | |
| 6 | \$6,486 | \$6,820 | | | | | | |
| 7 | \$7,303 | \$7,636 | | | | | | |
| 8 | \$8,108 | \$8,453 | | | | | | |
| 9 | \$8,924 | \$9,258 | | | | | | |
| 10 | \$9,729 | \$10,074 | | | | | | |
| 11 | \$10,546 | \$10,879 | | | | | | |
| 12 | \$11,351 | \$11,696 | | | | | | |
| 13 | \$12,167 | \$12,512 | | | | | | |
| 14 | \$12,984 | \$13,317 | | | | | | |

| VT-6DA | | | 140mm bowl diameter | | 1-14 stg | | 150XHC 1" | |
|--------|----------|-----|---------------------|----|------------------------------|------------------------------|-----------|--|
| 1 | \$2,588 | POA | NA | NA | use WT series 6" SS turbines | use WT series 6" SS turbines | | |
| 2 | \$3,922 | | | | | | | |
| 3 | \$5,256 | | | | | | | |
| 4 | \$6,590 | | | | | | | |
| 5 | \$7,929 | | | | | | | |
| 6 | \$9,263 | | | | | | | |
| 7 | \$10,597 | | | | | | | |
| 8 | \$11,931 | | | | | | | |
| 9 | \$13,265 | | | | | | | |
| 10 | \$14,599 | | | | | | | |
| 11 | \$15,933 | | | | | | | |
| 12 | \$17,267 | | | | | | | |
| 13 | \$18,601 | | | | | | | |
| 14 | \$19,935 | | | | | | | |

Notes: To order; VT model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type
 If required, order inlet strainer separately



VT Series - 7" Line Shaft Turbines

| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|--------|------------|----------|------------|----------|------------|----------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |



| VT-7AA | | | 170mm bowl diameter | | 1-10 stg | 180C 1-1/4" |
|--------|----------|----------|---------------------|----------|----------|-------------|
| 1 | \$4,347 | \$4,784 | \$11,328 | \$11,765 | \$9,994 | \$10,431 |
| 2 | \$6,291 | \$6,728 | \$16,422 | \$16,859 | \$14,272 | \$14,709 |
| 3 | \$8,234 | \$8,660 | \$21,517 | \$21,954 | \$18,561 | \$18,998 |
| 4 | \$10,166 | \$10,603 | \$26,611 | \$27,048 | \$22,851 | \$23,288 |
| 5 | \$12,110 | \$12,547 | \$31,706 | \$32,143 | \$27,140 | \$27,577 |
| 6 | \$14,053 | \$14,490 | \$36,800 | \$37,237 | \$31,418 | \$31,855 |
| 7 | \$15,997 | \$16,434 | \$41,895 | \$42,332 | \$35,708 | \$36,145 |
| 8 | \$17,940 | \$18,366 | \$46,989 | \$47,426 | \$39,997 | \$40,434 |
| 9 | \$19,872 | \$20,309 | \$52,095 | \$52,532 | \$44,287 | \$44,724 |
| 10 | \$21,816 | \$22,253 | \$57,190 | \$57,627 | \$48,576 | \$49,013 |

Also use WT series for 7" SS turbines

| VT-7CA | | | 180mm bowl diameter | | 1-10 stg | 180MC 1-1/4" |
|--------|-----------|----------|---------------------|----|-----------------------------------------------------------------|-----------------------------------------------------------------|
| 1 | \$ 5,175 | \$5,612 | NA | NA | use WT series 7" SS turbines and VT-8GA SS turbines | use WT series 7" SS turbines and VT-8GA SS turbines |
| 2 | \$ 7,809 | \$8,246 | | | | |
| 3 | \$ 10,431 | \$10,868 | | | | |
| 4 | \$ 13,064 | \$13,501 | | | | |
| 5 | \$ 15,698 | \$16,135 | | | | |
| 6 | \$ 18,320 | \$18,757 | | | | |
| 7 | \$ 20,953 | \$21,390 | | | | |
| 8 | \$ 23,575 | \$24,012 | | | | |
| 9 | \$ 26,209 | \$26,646 | | | | |
| 10 | \$ 28,831 | \$29,268 | | | | |

VT-7CA in ZFB and 316SS retired June 21

VT-7BA & VT-7DA retired Jan 2021

Notes: To order; VT model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type. If required, order inlet strainer separately



VT Series - 8" Line Shaft Turbines



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|--------|------------|----------|------------|----------|------------|----------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |

| VT-8AA | | | 190mm bowl diameter | | 1-10 stg | 190M 1-1/4" |
|--------|----------|----------|---------------------|----------|----------|-------------|
| 1 | \$5,520 | \$6,130 | \$14,559 | \$15,169 | \$10,580 | \$11,190 |
| 2 | \$7,878 | \$8,487 | \$19,608 | \$20,217 | \$14,272 | \$14,870 |
| 3 | \$10,235 | \$10,845 | \$24,656 | \$25,266 | \$17,952 | \$18,561 |
| 4 | \$12,593 | \$13,202 | \$29,705 | \$30,303 | \$21,643 | \$22,253 |
| 5 | \$14,950 | \$15,560 | \$34,753 | \$35,351 | \$25,335 | \$25,944 |
| 6 | \$17,308 | \$17,917 | \$39,790 | \$40,400 | \$29,026 | \$29,624 |
| 7 | \$19,665 | \$20,275 | \$44,839 | \$45,448 | \$32,706 | \$33,316 |
| 8 | \$22,023 | \$22,632 | \$49,887 | \$50,497 | \$36,398 | \$37,007 |
| 9 | \$24,392 | \$24,990 | \$54,936 | \$55,545 | \$40,089 | \$40,687 |
| 10 | \$26,749 | \$27,347 | \$59,984 | \$60,594 | \$43,769 | \$44,379 |

| VT-8BA | | | 190mm bowl diameter | | 1-10 stg | 190H 1-1/4" |
|--------|----------|----------|---------------------|----------|----------|-------------|
| 1 | \$5,520 | \$6,130 | \$14,559 | \$15,169 | \$10,580 | \$11,190 |
| 2 | \$7,878 | \$8,487 | \$19,608 | \$20,217 | \$14,272 | \$14,870 |
| 3 | \$10,235 | \$10,845 | \$24,656 | \$25,266 | \$17,952 | \$18,561 |
| 4 | \$12,593 | \$13,202 | \$29,705 | \$30,303 | \$21,643 | \$22,253 |
| 5 | \$14,950 | \$15,560 | \$34,753 | \$35,351 | \$25,335 | \$25,944 |
| 6 | \$17,308 | \$17,917 | \$39,790 | \$40,400 | \$29,026 | \$29,624 |
| 7 | \$19,665 | \$20,275 | \$44,839 | \$45,448 | \$32,706 | \$33,316 |
| 8 | \$22,023 | \$22,632 | \$49,887 | \$50,497 | \$36,398 | \$37,007 |
| 9 | \$24,392 | \$24,990 | \$54,936 | \$55,545 | \$40,089 | \$40,687 |
| 10 | \$26,749 | \$27,347 | \$59,984 | \$60,594 | \$43,769 | \$44,379 |

| VT-8CA | | | 184mm bowl diameter | | 1-10 stg | 200GM 1-1/4" |
|--------|----------|----------|---------------------|-----|----------|--------------|
| 1 | \$5,336 | \$5,773 | POA | POA | POA | POA |
| 2 | \$7,326 | \$7,763 | | | | |
| 3 | \$9,315 | \$9,752 | | | | |
| 4 | \$11,305 | \$11,742 | | | | |
| 5 | \$13,294 | \$13,731 | | | | |
| 6 | \$15,284 | \$15,721 | | | | |
| 7 | \$17,273 | \$17,710 | | | | |
| 8 | \$19,263 | \$19,700 | | | | |
| 9 | \$21,252 | \$21,689 | | | | |
| 10 | \$23,242 | \$23,678 | | | | |

| VT-8DA | | | 190mm bowl diameter | | 1-10 stg | 200C 1-1/4" |
|--------|----------|----------|---------------------|----------|----------|-------------|
| 1 | \$5,336 | \$5,773 | \$14,076 | \$14,513 | \$12,616 | \$13,053 |
| 2 | \$7,717 | \$8,154 | \$18,734 | \$19,171 | \$16,986 | \$17,423 |
| 3 | \$10,097 | \$10,534 | \$23,391 | \$23,828 | \$21,356 | \$21,793 |
| 4 | \$12,478 | \$12,915 | \$28,049 | \$28,486 | \$25,726 | \$26,163 |
| 5 | \$14,847 | \$15,284 | \$32,706 | \$33,143 | \$30,084 | \$30,521 |
| 6 | \$17,227 | \$17,664 | \$37,364 | \$37,801 | \$34,454 | \$34,891 |
| 7 | \$19,608 | \$20,045 | \$42,033 | \$42,470 | \$38,824 | \$39,261 |
| 8 | \$21,988 | \$22,425 | \$46,690 | \$47,127 | \$43,194 | \$43,631 |
| 9 | \$24,357 | \$24,794 | \$51,348 | \$51,785 | \$47,564 | \$48,001 |
| 10 | \$26,738 | \$27,175 | \$56,005 | \$56,442 | \$51,923 | \$52,360 |

Notes: To order; VT model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type
 If required, order inlet strainer separately



VT Series - 8" Line Shaft Turbines



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|--------|------------|----------|------------|----------|------------|----------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |

| VT-8DB | | | 190mm bowl diameter | | 1-10 stg | | 200SC 1-1/4" | |
|--------|----------|----------|---------------------|----------|----------|----------|--------------|--|
| 1 | \$5,336 | \$5,773 | \$14,076 | \$14,513 | \$12,616 | \$13,053 | | |
| 2 | \$7,717 | \$8,154 | \$18,734 | \$19,171 | \$16,986 | \$17,423 | | |
| 3 | \$10,097 | \$10,534 | \$23,391 | \$23,828 | \$21,356 | \$21,793 | | |
| 4 | \$12,478 | \$12,915 | \$28,049 | \$28,486 | \$25,726 | \$26,163 | | |
| 5 | \$14,847 | \$15,284 | \$32,706 | \$33,143 | \$30,084 | \$30,521 | | |
| 6 | \$17,227 | \$17,664 | \$37,364 | \$37,801 | \$34,454 | \$34,891 | | |
| 7 | \$19,608 | \$20,045 | \$42,033 | \$42,470 | \$38,824 | \$39,261 | | |
| 8 | \$21,988 | \$22,425 | \$46,690 | \$47,127 | \$43,194 | \$43,631 | | |
| 9 | \$24,357 | \$24,794 | \$51,348 | \$51,785 | \$47,564 | \$48,001 | | |
| 10 | \$26,738 | \$27,175 | \$56,005 | \$56,442 | \$51,923 | \$52,360 | | |

| VT-8EA | | | 190mm bowl diameter | | 1-10 stg | | 200E 1-1/4" | |
|--------|----------|----------|---------------------|----------|----------|----------|-------------|--|
| 1 | \$5,336 | \$5,773 | \$14,076 | \$14,513 | \$12,616 | \$13,053 | | |
| 2 | \$7,326 | \$7,763 | \$18,734 | \$19,171 | \$17,423 | \$17,423 | | |
| 3 | \$9,315 | \$9,752 | \$23,391 | \$23,828 | \$17,952 | \$21,793 | | |
| 4 | \$11,305 | \$11,742 | \$28,049 | \$28,486 | \$21,643 | \$26,163 | | |
| 5 | \$13,294 | \$13,731 | \$32,706 | \$33,143 | \$25,335 | \$30,521 | | |
| 6 | \$15,284 | \$15,721 | \$37,364 | \$37,801 | \$29,026 | \$34,891 | | |
| 7 | \$17,273 | \$17,710 | \$42,033 | \$42,470 | \$32,706 | \$39,261 | | |
| 8 | \$19,263 | \$19,700 | \$46,690 | \$47,127 | \$36,398 | \$43,631 | | |
| 9 | \$21,252 | \$21,689 | \$51,348 | \$51,785 | \$40,089 | \$48,001 | | |
| 10 | \$23,242 | \$23,679 | \$56,005 | \$56,442 | \$43,769 | \$52,360 | | |

| VT-8GA | | | 186mm bowl diameter | | 1-10 stg | | 200-800 1" | |
|--------|----------|----------|---------------------|----|----------|-----|------------|--|
| 1 | \$5,578 | \$6,015 | NA | NA | \$9,683 | POA | | |
| 2 | \$6,889 | \$7,326 | | | \$13,081 | | | |
| 3 | \$8,200 | \$8,637 | | | \$16,474 | | | |
| 4 | \$9,511 | \$9,948 | | | \$19,872 | | | |
| 5 | \$10,822 | \$11,259 | | | \$23,270 | | | |
| 6 | \$12,133 | \$12,570 | | | \$26,669 | | | |
| 7 | \$13,444 | \$13,881 | | | \$30,067 | | | |
| 8 | \$14,755 | \$15,192 | | | \$33,459 | | | |
| 9 | \$16,066 | \$16,503 | | | \$36,858 | | | |
| 10 | \$17,377 | \$17,814 | | | \$40,256 | | | |

| VT-8HA | | | 190mm bowl diameter | | 1-10 stg | | 200-1500 1" | |
|--------|----------|----------|---------------------|----|----------|-----|-------------|--|
| 1 | \$5,578 | \$6,015 | NA | NA | \$9,683 | POA | | |
| 2 | \$6,889 | \$7,326 | | | \$13,081 | | | |
| 3 | \$8,200 | \$8,637 | | | \$16,474 | | | |
| 4 | \$9,511 | \$9,948 | | | \$19,872 | | | |
| 5 | \$10,822 | \$11,259 | | | \$23,270 | | | |
| 6 | \$12,133 | \$12,570 | | | \$26,669 | | | |
| 7 | \$13,444 | \$13,881 | | | \$30,067 | | | |
| 8 | \$14,755 | \$15,192 | | | \$33,459 | | | |
| 9 | \$16,066 | \$16,503 | | | \$36,858 | | | |
| 10 | \$17,377 | \$17,814 | | | \$40,256 | | | |

Notes:

To order; VT model number, no of stages, column type and material type

Order separately: Column, discharge head and drive type. Order inlet strainer separately if required



VT Series - 10" Line Shaft Turbines



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|--------|------------|----------|------------|----------|------------|----------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |

| VT-10AA | | | 240mm bowl diameter | | 1-10 stg | 240C 1-1/2" |
|---------|----------|----------|---------------------|----------|----------|-------------|
| 1 | \$6,245 | \$6,682 | \$18,665 | \$19,102 | \$15,663 | \$16,100 |
| 2 | \$9,005 | \$9,442 | \$26,186 | \$26,623 | \$22,034 | \$22,471 |
| 3 | \$11,765 | \$12,202 | \$33,707 | \$34,144 | \$28,417 | \$28,854 |
| 4 | \$14,525 | \$14,962 | \$41,228 | \$41,665 | \$34,788 | \$35,225 |
| 5 | \$17,296 | \$17,733 | \$48,749 | \$49,186 | \$41,159 | \$41,596 |
| 6 | \$20,056 | \$20,493 | \$56,270 | \$56,707 | \$47,541 | \$47,978 |

| VT-10BA | | | 240mm bowl diameter | | 1-10 stg | 240SE 1-1/2" |
|---------|----------|----------|---------------------|----------|----------|--------------|
| 1 | \$6,245 | \$6,682 | \$18,665 | \$19,102 | \$15,663 | \$16,100 |
| 2 | \$9,005 | \$9,442 | \$26,186 | \$26,623 | \$22,034 | \$22,471 |
| 3 | \$11,765 | \$12,202 | \$33,707 | \$34,144 | \$28,417 | \$28,854 |
| 4 | \$14,525 | \$14,962 | \$41,228 | \$41,665 | \$34,788 | \$35,225 |
| 5 | \$17,296 | \$17,733 | \$48,749 | \$49,186 | \$41,159 | \$41,596 |
| 6 | \$20,056 | \$20,493 | \$56,270 | \$56,707 | \$47,541 | \$47,978 |

| VT-10CA | | | 240mm bowl diameter | | 1-10 stg | 240E 1-1/2" |
|---------|----------|----------|---------------------|----------|----------|-------------|
| 1 | \$6,245 | \$6,682 | \$18,665 | \$19,102 | \$15,663 | \$16,100 |
| 2 | \$9,005 | \$9,442 | \$26,186 | \$26,623 | \$22,034 | \$22,471 |
| 3 | \$11,765 | \$12,202 | \$33,707 | \$34,144 | \$28,417 | \$28,854 |
| 4 | \$14,525 | \$14,962 | \$41,228 | \$41,665 | \$34,788 | \$35,225 |
| 5 | \$17,296 | \$17,733 | \$48,749 | \$49,186 | \$41,159 | \$41,596 |
| 6 | \$20,056 | \$20,493 | \$56,270 | \$56,707 | \$47,541 | \$47,978 |

VT-10DA & VT-10EA retired Jan 2021

replaced by VT-10LB

| VT-10GA | | | 250mm bowl diameter | | 1-10 stg | 250SEM 1-1/2" |
|---------|----------|----------|---------------------|----------|----------|---------------|
| 1 | \$6,245 | \$6,682 | \$18,665 | \$19,102 | \$15,663 | \$16,100 |
| 2 | \$9,005 | \$9,442 | \$26,186 | \$26,623 | \$22,034 | \$22,471 |
| 3 | \$11,765 | \$12,202 | \$33,707 | \$34,144 | \$28,417 | \$28,854 |
| 4 | \$14,525 | \$14,962 | \$41,228 | \$41,665 | \$34,788 | \$35,225 |
| 5 | \$17,296 | \$17,733 | \$48,749 | \$49,186 | \$41,159 | \$41,596 |
| 6 | \$20,056 | \$20,493 | \$56,270 | \$56,707 | \$47,541 | \$47,978 |

Notes: To order; VT model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type
 Higher stage count models are available on request
 If required, order inlet strainer separately



VT Series - 10" Line Shaft Turbines



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|----------|------------|--------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| VT-10HA | | | 250mm bowl diameter | | 1-10 stg | 250EM 1-1/2" |
| 1 | \$6,244 | \$6,851 | \$18,664 | \$19,101 | \$15,663 | \$16,100 |
| 2 | \$9,005 | \$9,442 | \$26,186 | \$26,622 | \$22,034 | \$22,471 |
| 3 | \$11,765 | \$12,202 | \$33,707 | \$34,144 | \$28,417 | \$28,854 |
| 4 | \$14,525 | \$14,962 | \$41,228 | \$41,665 | \$34,788 | \$35,225 |
| 5 | \$17,296 | \$17,733 | \$48,749 | \$49,186 | \$41,159 | \$41,596 |
| 6 | \$20,056 | \$20,493 | \$56,270 | \$56,707 | \$47,541 | \$47,978 |

| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|----------|------------|--------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| VT-10JA | | | 250mm bowl diameter | | 1-10 stg | 250GM 1-1/2" |
| 1 | \$6,245 | \$6,682 | \$18,665 | \$19,102 | \$15,663 | \$16,100 |
| 2 | \$9,005 | \$9,442 | \$26,186 | \$26,623 | \$22,034 | \$22,471 |
| 3 | \$11,765 | \$12,202 | \$33,707 | \$34,144 | \$28,417 | \$28,854 |
| 4 | \$14,525 | \$14,962 | \$41,228 | \$41,665 | \$34,788 | \$35,225 |
| 5 | \$17,296 | \$17,733 | \$48,749 | \$49,186 | \$41,159 | \$41,596 |
| 6 | \$20,056 | \$20,493 | \$56,270 | \$56,707 | \$47,541 | \$47,978 |

| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|----------|------------|--------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| VT-10KA | | | 250mm bowl diameter | | 1-10 stg | 250GM 1-1/2" |
| 1 | \$6,245 | \$6,682 | \$18,665 | \$19,102 | \$15,663 | \$16,100 |
| 2 | \$9,005 | \$9,442 | \$26,186 | \$26,623 | \$22,034 | \$22,471 |
| 3 | \$11,765 | \$12,202 | \$33,707 | \$34,144 | \$28,417 | \$28,854 |
| 4 | \$14,525 | \$14,962 | \$41,228 | \$41,665 | \$34,788 | \$35,225 |
| 5 | \$17,296 | \$17,733 | \$48,749 | \$49,186 | \$41,159 | \$41,596 |
| 6 | \$20,056 | \$20,493 | \$56,270 | \$56,707 | \$47,541 | \$47,978 |



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|----------|------------|-------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| VT-10LA | | | 246mm bowl diameter | | 1-10 stg | 250H 1-1/2" |
| 1 | \$8,637 | \$9,361 | \$19,654 | \$20,378 | \$18,653 | \$20,378 |
| 2 | \$11,132 | \$11,868 | \$28,877 | \$29,601 | \$24,334 | \$29,601 |
| 3 | \$13,639 | \$14,364 | \$38,100 | \$38,824 | \$30,027 | \$38,824 |
| 4 | \$16,135 | \$16,859 | \$47,323 | \$48,047 | \$35,708 | \$48,047 |
| 5 | \$18,630 | \$19,366 | \$56,534 | \$57,270 | \$41,400 | \$57,270 |
| 6 | \$21,137 | \$21,862 | \$65,757 | \$66,482 | \$47,093 | \$66,482 |



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|----------|------------|--------------------------------------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| VT-10LB | | | 246mm bowl diameter | | 1-10 stg | replaces VT-10DA & VT-10EA 250LM 1-1/2" |
| 1 | \$8,004 | \$8,441 | \$18,688 | \$19,124 | \$17,952 | \$18,388 |
| 2 | \$11,891 | \$12,328 | \$26,692 | \$27,129 | \$25,231 | \$25,668 |
| 3 | \$15,778 | \$16,204 | \$34,695 | \$35,133 | \$32,511 | \$32,948 |
| 4 | \$19,654 | \$20,091 | \$42,711 | \$43,148 | \$39,790 | \$40,227 |
| 5 | \$23,541 | \$23,998 | \$50,715 | \$51,152 | \$47,070 | \$47,507 |
| 6 | \$27,416 | \$27,853 | \$58,719 | \$59,156 | \$54,349 | \$54,786 |

Notes: To order; VT model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type
 Higher stage count models are available on request
 If required, order inlet strainer separately



VT Series - 12" Line Shaft Turbines



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|-----------|------------|--------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| VT-12AA | | | 298mm bowl diameter | | 1-10 stg | 300GM 1-1/2" |
| 1 | \$9,051 | \$9,534 | \$26,209 | \$26,692 | \$25,312 | \$25,795 |
| 2 | \$14,686 | \$15,169 | \$38,824 | \$39,307 | \$37,858 | \$38,341 |
| 3 | \$20,321 | \$20,815 | \$51,440 | \$51,923 | \$50,393 | \$50,888 |
| 4 | \$25,967 | \$26,450 | \$64,055 | \$64,550 | \$62,940 | \$63,434 |
| 5 | \$31,602 | \$32,085 | \$76,682 | \$77,165 | \$75,486 | \$75,969 |
| 6 | \$37,237 | \$37,732 | \$89,298 | \$89,781 | \$88,033 | \$88,516 |
| 7 | \$42,884 | \$43,367 | \$101,913 | \$102,396 | \$100,579 | \$101,062 |
| 8 | \$48,519 | \$49,002 | \$114,529 | \$115,012 | \$113,126 | \$113,609 |
| 9 | \$54,165 | \$54,648 | \$127,144 | \$127,639 | \$125,672 | \$126,155 |
| 10 | \$59,800 | \$60,283 | \$139,771 | \$140,254 | \$138,219 | \$138,702 |

| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|-----------|------------|--------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| VT-12BA | | | 292mm bowl diameter | | 1-10 stg | 300RH 1-3/4" |
| 1 | \$9,051 | \$9,534 | \$26,209 | \$26,692 | \$25,312 | \$25,795 |
| 2 | \$14,686 | \$15,169 | \$38,824 | \$39,307 | \$37,858 | \$38,341 |
| 3 | \$20,321 | \$20,815 | \$51,440 | \$51,923 | \$50,393 | \$50,888 |
| 4 | \$25,967 | \$26,450 | \$64,055 | \$64,550 | \$62,940 | \$63,434 |
| 5 | \$31,602 | \$32,085 | \$76,682 | \$77,165 | \$75,486 | \$75,969 |
| 6 | \$37,237 | \$37,732 | \$89,298 | \$89,781 | \$88,033 | \$88,516 |
| 7 | \$42,884 | \$43,367 | \$101,913 | \$102,396 | \$100,579 | \$101,062 |
| 8 | \$48,519 | \$49,002 | \$114,529 | \$115,012 | \$113,126 | \$113,609 |
| 9 | \$54,165 | \$54,648 | \$127,144 | \$127,639 | \$125,672 | \$126,155 |
| 10 | \$59,800 | \$60,283 | \$139,771 | \$140,254 | \$138,219 | \$138,702 |



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|-----------|------------|-------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| VT-12CA | | | 292mm bowl diameter | | 1-10 stg | 300H 1-1/2" |
| 1 | \$9,051 | \$9,534 | \$26,209 | \$26,692 | \$25,312 | \$25,795 |
| 2 | \$14,686 | \$15,169 | \$38,824 | \$39,307 | \$37,858 | \$38,341 |
| 3 | \$20,321 | \$20,815 | \$51,440 | \$51,923 | \$50,393 | \$50,888 |
| 4 | \$25,967 | \$26,450 | \$64,055 | \$64,550 | \$62,940 | \$63,434 |
| 5 | \$31,602 | \$32,085 | \$76,682 | \$77,165 | \$75,486 | \$75,969 |
| 6 | \$37,237 | \$37,732 | \$89,298 | \$89,781 | \$88,033 | \$88,516 |
| 7 | \$42,884 | \$43,367 | \$101,913 | \$102,396 | \$100,579 | \$101,062 |
| 8 | \$48,519 | \$49,002 | \$114,529 | \$115,012 | \$113,126 | \$113,609 |
| 9 | \$54,165 | \$54,648 | \$127,144 | \$127,639 | \$125,672 | \$126,155 |
| 10 | \$59,800 | \$60,283 | \$139,771 | \$140,254 | \$138,219 | \$138,702 |

Notes: To order; VT model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type
 If required, order inlet strainer separately



VT Series - 14" - 16" - 18" Line Shaft Turbines



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|--------|------------|----------|------------|----------|------------|----------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |

| VT-14AA | | | 340mm bowl diameter | | 1-8 stg | 340C-340E 2" | |
|---------|----------|----------|---------------------|-----|---------|--------------|--|
| 1 | \$13,087 | \$13,570 | POA | POA | POA | POA | |
| 2 | \$19,447 | \$19,930 | | | | | |
| 3 | \$25,795 | \$26,289 | | | | | |
| 4 | \$32,154 | \$32,637 | | | | | |
| 5 | \$38,514 | \$38,997 | | | | | |

| VT-14BA | | | 350mm bowl diameter | | 1-8 stg | 350E-350H 2" | |
|---------|----------|----------|---------------------|-----------|---------|--------------|--|
| 1 | \$20,436 | \$20,930 | \$47,070 | \$47,564 | POA | POA | |
| 2 | \$29,889 | \$30,372 | \$69,403 | \$69,886 | | | |
| 3 | \$39,330 | \$39,813 | \$91,724 | \$92,207 | | | |
| 4 | \$48,772 | \$49,255 | \$114,046 | \$114,529 | | | |
| 5 | \$58,213 | \$58,708 | \$136,367 | \$136,850 | | | |
| 6 | \$67,666 | \$68,149 | \$158,689 | \$159,183 | | | |
| 7 | \$77,108 | \$77,591 | \$181,022 | \$181,505 | | | |

| VT-16AA | | | 393mm bowl diameter | | 1-8 stg | 400HM 2-1/4" | |
|---------|----------|----------|---------------------|-----------|---------|--------------|--|
| 1 | \$24,024 | \$20,873 | \$41,251 | \$41,734 | POA | POA | |
| 2 | \$30,337 | \$30,820 | \$61,709 | \$62,204 | | | |
| 3 | \$40,285 | \$40,768 | \$82,179 | \$82,662 | | | |
| 4 | \$50,232 | \$50,715 | \$102,638 | \$103,132 | | | |
| 5 | \$60,180 | \$60,663 | \$123,108 | \$123,591 | | | |
| 6 | \$70,127 | \$70,610 | \$143,566 | \$144,049 | | | |
| 7 | \$80,075 | \$80,558 | \$164,036 | \$164,519 | | | |
| 8 | \$90,022 | \$90,505 | \$184,495 | \$184,978 | | | |

| VT-18AA | | | 440mm bowl diameter | | 1-5 stg | 450D 2-3/16" | |
|---------|----------|----------|---------------------|-----|---------|--------------|--|
| 1 | \$24,242 | \$24,725 | POA | POA | POA | POA | |
| 2 | \$36,133 | \$36,616 | | | | | |
| 3 | \$48,024 | \$48,507 | | | | | |
| 4 | \$59,915 | \$60,398 | | | | | |
| 5 | \$71,795 | \$72,289 | | | | | |

| VT-18BA | | | 432mm bowl diameter | | 1-5 stg | 450TM 1-11/16" | |
|---------|----------|----------|---------------------|-----|---------|----------------|--|
| 1 | \$24,242 | \$24,725 | POA | POA | POA | POA | |
| 2 | \$36,133 | \$36,616 | | | | | |
| 3 | \$48,024 | \$48,507 | | | | | |

| VT-18CA | | | 445mm bowl diameter | | 1-6 stg | 450NKL 2-1/4" | |
|---------|----------|----------|---------------------|-----------|---------|---------------|--|
| 1 | \$26,692 | \$27,175 | \$76,188 | \$76,682 | POA | POA | |
| 2 | \$41,734 | \$42,217 | \$107,732 | \$108,227 | | | |
| 3 | \$56,776 | \$57,270 | \$139,277 | \$139,771 | | | |
| 4 | \$71,829 | \$72,312 | \$170,821 | \$171,316 | | | |
| 5 | \$86,871 | \$87,354 | \$202,366 | \$202,860 | | | |

Notes: To order; VT model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type
 Higher stage count models are available on request



VT Series - 8" - 10" - 12" Line Shaft Turbines



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|---------------|------------|----------|---------------------|----------|------------|---------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| MX-8AA | | | 190mm bowl diameter | | 1-10 stg | 190HHC 1-1/4" |
| 1 | \$5,520 | \$6,130 | POA | POA | POA | POA |
| 2 | \$7,878 | \$8,487 | | | | |
| 3 | \$10,235 | \$10,845 | | | | |
| 4 | \$12,593 | \$13,202 | | | | |
| 5 | \$14,950 | \$15,560 | | | | |
| 6 | \$17,308 | \$17,917 | | | | |
| 7 | \$19,665 | \$20,275 | | | | |
| 8 | \$22,023 | \$22,632 | | | | |
| 9 | \$24,380 | \$24,990 | | | | |
| 10 | \$26,749 | \$27,347 | | | | |



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|----------|------------|---------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| MX-10AA | | | 240mm bowl diameter | | 1-3 stg | 240MXO 1-1/2" |
| 1 | \$8,004 | \$8,441 | \$18,688 | \$19,125 | \$17,952 | \$18,389 |
| 2 | \$11,891 | \$12,328 | \$26,692 | \$27,129 | \$25,231 | \$25,668 |
| 3 | \$15,778 | \$16,204 | \$34,696 | \$35,133 | \$32,511 | \$32,948 |

| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|----------|------------|--------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| MX-12AA | | | 382mm bowl diameter | | 1-2 stg | M12MX 1-1/2" |
| 1 | POA | POA | POA | POA | POA | POA |
| 2 | POA | POA | POA | POA | POA | POA |

Notes:

To order; AX-MX model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type
 If required, order inlet strainer separately



VT Series - 14" - 16" Line Shaft Turbines



| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|----------|------------|-----------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| AX-14AA | | | 410mm bowl diameter | | 1-2 stg | 350AXL 2" |
| 1 | \$24,242 | \$24,725 | POA | POA | POA | POA |
| 2 | \$36,133 | \$36,616 | | | | |

| MX-14AA | | | 460mm bowl diameter | | 1-2 stg | Rev Rot CW | 350MXL 1-3/4" |
|----------------|----------|----------|---------------------|-----|---------|------------|---------------|
| 1 | \$24,242 | \$24,725 | POA | POA | | | |
| 2 | \$36,133 | \$36,616 | | | | | |

| MX-14BA | | | 446mm bowl diameter | | 1-2 stg | M14M 1-3/4" |
|----------------|----------|----------|---------------------|-----|---------|-------------|
| 1 | \$24,242 | \$24,725 | POA | POA | | |
| 2 | \$36,133 | \$36,616 | | | | |

| MX-14CA | | | 446mm bowl diameter | | 1-2 stg | P14M 1-3/4" |
|----------------|----------|----------|---------------------|-----|---------|-------------|
| 1 | \$24,242 | \$24,725 | POA | POA | | |
| 2 | \$36,133 | \$36,616 | | | | |

| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|----------------|------------|----------|---------------------|----------|------------|---------------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |
| MX-16AA | | | 571mm bowl diameter | | 1-2 stg | P16M5V 1-1/2" |
| 1 | \$20,378 | \$20,873 | POA | POA | POA | POA |
| 2 | \$30,337 | \$30,820 | | | | |



| MX-16BA | | | 571mm bowl diameter | | 1-2 stg | M16MX 1-1/2" |
|----------------|----------|----------|---------------------|-----|---------|--------------|
| 1 | \$20,378 | \$20,873 | POA | POA | | |
| 2 | \$30,337 | \$30,820 | | | | |

Notes:

To order; AX-MX model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type
 If required, order inlet strainer separately



VT Series - 18" - 20" Line Shaft Turbines



new

| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|--------|------------|----------|------------|----------|------------|----------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |

| MX-18AA | | | 510mm bowl diameter | | 1-2 stg | | P18M5V 1-1/2" | |
|---------|----------|----------|---------------------|-----|---------|-----|---------------|--|
| 1 | \$29,728 | \$30,763 | POA | POA | POA | POA | | |
| 2 | POA | POA | | | | | | |

| Stages | Cast Iron | | Bronze ZF | | 316SS | |
|--------|------------|----------|------------|----------|------------|----------|
| | Water Lube | Oil Lube | Water Lube | Oil Lube | Water Lube | Oil Lube |

| AX-20AA | | | 560mm bowl diameter | | 1-2 stg | | Rev Rot CW 500AXL 2" | |
|---------|----------|----------|---------------------|-----|---------|-----|----------------------|--|
| 1 | \$37,674 | \$39,135 | POA | POA | POA | POA | | |
| 2 | \$71,082 | \$72,531 | | | | | | |

| MX-20AA | | | 610mm bowl diameter | | 1-3 stg | | 500MXL 2" | |
|---------|----------|----------|---------------------|-----|---------|-----|-----------|--|
| 1 | \$37,674 | \$39,135 | POA | POA | POA | POA | | |
| 2 | \$71,082 | \$72,531 | | | | | | |

Notes:

To order; AX-MX model number, no of stages, column type and material type
 Order separately: Column, discharge head and drive type
 If required, order inlet strainer separately



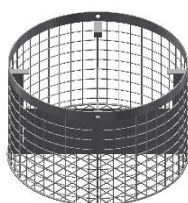
Inlet Strainers to Suit: VT - AX - MS



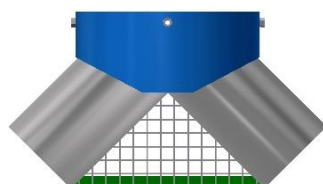
| Size | Order No | Description | Price |
|------|--------------------|---------------------------------------------------|---------|
| 6" | SS-150M-BK-2-1000 | Stainless Steel strainer to suit 5" & 6" turbines | \$840 |
| 8" | SS-190H-BK-2-1000 | Stainless Steel strainer to suit 7" & 8" turbines | \$1,180 |
| 10" | SS-240E-BK-2-1000 | Stainless Steel strainer to suit 10" turbines | \$1,480 |
| 12" | SS-300RH-BK-2-1000 | Stainless Steel strainer to suit 12" turbines | \$1,770 |

Sizes 14 " and larger, price on application

Other styles of inlet strainers are available, Price on Application



Anti vortex style



Fishtail style



Cone style

Notes:

Line shaft turbine pumps are sold without inlet strainers. Add above pricing to turbine pump price.

Strainer price includes fitting to turbine pump



Water Lube Column Assembly



Threaded - Carbon Steel

Water Lube Column and Shaft Assembly - Carbon Steel

| Shaft size (inches) | Column size (inches) | Threaded | | | | |
|---------------------|----------------------|------------------------------|-------------------|------------------------|---------------------|--------------------|
| | | Sch 40 | | Steel Pipe | | |
| | | 431SS Shaft | | Bronze Shaft Couplings | | |
| | | Carbon steel column coupling | | | | |
| | | 316SS Bearing Retainers | | Rubber Bearings | | |
| 3 Metre | | | | | | |
| | | Order Number | 3m Bearing Centre | Order Number | 1.5m Bearing Centre | Column Coupling OD |
| | | < 2200rpm | | > 2200rpm | | |
| 1" | 4" | WLC-10004T103 | \$1,668 | WLC-10004T101 | \$2,415 | 127 |
| | 6" | WLC-10006T103 | \$2,208 | WLC-10006T101 | \$3,105 | 188 |
| | 8" | WLC-10008T103 | \$2,760 | WLC-10008T101 | \$3,761 | 250 |
| 1-1/4" | 4" | WLC-20004T103 | \$1,817 | WLC-20004T101 | \$2,611 | 127 |
| | 6" | WLC-20006T103 | \$2,185 | WLC-20006T101 | \$3,243 | 188 |
| | 8" | WLC-20008T103 | \$2,875 | WLC-20008T101 | \$3,933 | 250 |
| | 10" | WLC-20010T103 | \$3,738 | WLC-20010T101 | \$5,060 | 295 |
| | 12" | WLC-20012T103 | \$4,773 | WLC-20012T101 | \$6,440 | 360 |
| 1-1/2" | 6" | WLC-30006T103 | \$2,530 | WLC-30006T101 | \$3,508 | 188 |
| | 8" | WLC-30008T103 | \$3,082 | WLC-30008T101 | \$4,140 | 250 |
| | 10" | WLC-30010T103 | \$3,853 | WLC-30010T101 | \$4,945 | 295 |
| | 12" | WLC-30012T103 | \$4,888 | WLC-30012T101 | \$6,670 | 360 |
| 1-3/4" | 6" | WLC-40006T103 | \$2,818 | WLC-40006T101 | \$2,818 | 188 |
| | 8" | WLC-40008T103 | \$3,335 | WLC-40008T101 | \$4,393 | 250 |
| | 10" | WLC-40010T103 | \$4,117 | WLC-40010T101 | \$5,474 | 295 |
| | 12" | WLC-40012T103 | \$5,175 | WLC-40012T101 | \$7,038 | 360 |
| 2" | 10" | WLC-50010T103 | \$4,543 | WLC-50010T101 | \$5,934 | 295 |
| | 12" | WLC-50012T103 | \$5,578 | WLC-50012T101 | \$7,579 | 360 |

8 tpi RH

8 tpi RH

14" and larger, use Flanged column

Notes:

Pumps above 2,200 rpm may use either 3M or 1.5M bearing centres (From July 2020)

Pumps below 2,200 rpm may use 3 metre bearing centre column

Mild steel column is painted with bituminous coating to protect and minimise rust/corrosion

For older columns; 10 foot = 3048mm, 5 foot = 1524mm



Water Lube Column Assembly



Flanged - Carbon Steel

Water Lube Column and Shaft Assembly - Carbon Steel

| Shaft size (inches) | Column size (inches) | Flanged | | | | Reduced Flange OD |
|---------------------|----------------------|-------------------------|-------------------|-----------------|------------------------|-------------------|
| | | Sch 40 | Steel Pipe | 431SS Shaft | Bronze Shaft Couplings | |
| | | Bolts and Nuts | | | | |
| | | 316SS Bearing Retainers | | Rubber Bearings | | |
| | | 3 Metre | | | | |
| | | Order Number | 3M bearing centre | Order Number | 1.5M bearing centre | |
| | | | < 2200rpm | | > 2200rpm | |
| 1" | 4" | WLC-10004F103 | \$1,909 | WLC-10004F101 | \$3,036 | 160 |
| | 6" | WLC-10006F103 | \$2,358 | WLC-10006F101 | \$3,393 | 235 |
| | 8" | WLC-10008F103 | \$2,933 | WLC-10008F101 | \$4,083 | 270 |
| 1-1/4" | 4" | WLC-20004F103 | \$2,093 | WLC-20004F101 | \$3,220 | 160 |
| | 6" | WLC-20006F103 | \$2,530 | WLC-20006F101 | \$3,577 | 235 |
| | 8" | WLC-20008F103 | \$3,082 | WLC-20008F101 | \$4,255 | 270 |
| | 10" | WLC-20010F103 | \$4,083 | WLC-20010F101 | \$5,693 | 336 |
| 1-1/2" | 6" | WLC-30006F103 | \$2,703 | WLC-30006F101 | \$3,818 | 235 |
| | 8" | WLC-30008F103 | \$3,278 | WLC-30008F101 | \$4,462 | 270 |
| | 10" | WLC-30010F103 | \$4,198 | WLC-30010F101 | \$5,854 | 336 |
| | 12" | WLC-30012F103 | \$5,118 | WLC-30012F101 | \$7,153 | 412 |
| | 14" | WLC-30014F103 | \$6,268 | WLC-30014F101 | \$10,580 | 440 |
| 1-3/4" | 10" | WLC-40010F103 | \$4,083 | WLC-40010F101 | \$6,072 | 336 |
| | 12" | WLC-40012F103 | \$5,290 | WLC-40012F101 | \$7,153 | 412 |
| | 14" | WLC-40014F103 | \$6,555 | WLC-40014F101 | \$10,810 | 440 |
| 2" | 12" | WLC-50012F103 | \$5,693 | WLC-50012F101 | \$7,538 | 412 |
| | 14" | WLC-50014F103 | \$6,900 | WLC-50014F101 | \$11,523 | 440 |
| | 16" | Available - POA | | | | 580 |
| | 18" | Available - POA | | | | 640 |
| | 20" | Available - POA | | | | 705 |

Notes:

Pumps above 2,200 rpm may use either 3M or 1.5M bearing centres (From Feb 2019)

Pumps below 2,200 rpm may use 3 metre bearing centre column

Mild steel column is painted with bituminous coating to protect and minimise rust/corrosion

For older columns; 10 foot = 3048mm, 5 foot = 1524mm



Water Lube Column Assembly



Threaded - 304SS

Water lube Column and Shaft Assembly - 304SS

| Shaft size (inches) | Column size (inches) | Threaded | | | | Column Coupling OD |
|---------------------|--------------------------------|----------------------------------------------------------------------------|----------------------------------|----------------------------------------------------|----------|--------------------|
| | | Sch 40 431SS Shaft 316SS Column Couplings 316SS Bearing Retainers | | 304SS Bronze Shaft Couplings Rubber Bearings | | |
| | | 3 Metre | | | | |
| Order Number | 3M bearing centre < 2200rpm | Order Number | 1.5M bearing centre > 2200rpm | | | |
| 1" | 4" | WLC-10004T203 | \$3,278 | WLC-10004T201 | \$4,911 | 127 |
| | 6" | WLC-10006T203 | \$4,152 | WLC-10006T201 | \$5,762 | 188 |
| | 8" | WLC-10008T203 | \$6,854 | WLC-10008T201 | \$6,003 | 250 |
| 1-1/4" | 4" | WLC-20004T203 | \$3,427 | WLC-20004T201 | \$5,129 | 127 |
| | 6" | WLC-20006T203 | \$4,336 | WLC-20006T201 | \$5,911 | 188 |
| | 8" | WLC-20008T203 | \$7,038 | WLC-20008T201 | \$10,166 | 250 |
| | 10" | WLC-20010T203 | \$9,833 | WLC-20010T201 | \$14,433 | 295 |
| 1-1/2" | 6" | WLC-30006T203 | \$4,554 | WLC-30006T201 | \$6,314 | 188 |
| | 8" | WLC-30008T203 | \$7,153 | WLC-30008T201 | \$10,373 | 250 |
| | 10" | WLC-30010T203 | \$10,074 | WLC-30010T201 | \$14,686 | 295 |
| | 12" | WLC-30012T203 | \$13,168 | WLC-30012T201 | \$18,803 | 360 |
| 1-3/4" | 6" | WLC-40006T203 | \$4,853 | WLC-40006T201 | \$6,647 | 188 |
| | 8" | WLC-40008T203 | \$7,521 | WLC-40008T201 | \$10,672 | 250 |
| | 10" | WLC-40010T203 | \$10,431 | WLC-40010T201 | \$14,927 | 295 |
| | 12" | WLC-40012T203 | \$13,593 | WLC-40012T201 | \$19,286 | 360 |
| 2" | 10" | WLC-50010T203 | \$10,799 | WLC-50010T201 | \$15,525 | 295 |
| | 12" | WLC-50012T203 | \$13,950 | WLC-50012T201 | \$19,711 | 360 |

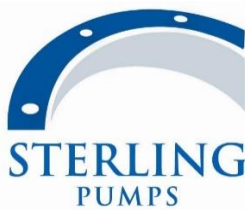
14" and larger, use Flanged column

Notes:

Pumps above 2,200 rpm may use either 3M or 1.5M bearing centres (From July 2020)

Pumps below 2,200 rpm may use 3 metre (10 foot) bearing centre column

For older columns; 10 foot = 3048mm, 5 foot = 1524mm



Water Lube Column Assembly



Flanged - 304SS

Water Lube Column and Shaft Assembly - 304 SS

| Shaft size (inches) | Column size (inches) | Flanged | | | | Order Number | Price | Reduced Flange OD |
|---------------------|----------------------|-------------------------|-------------------|-----------------|------------------------|--------------|-------|-------------------|
| | | Sch 40 | 304SS Pipe | 431SS Shaft | Bronze Shaft Couplings | | | |
| | | Bolts and Nuts | | | | | | |
| | | 316SS Bearing Retainers | | Rubber Bearings | | | | |
| | | 3 Metre | | | | | | |
| | | Order Number | 3M bearing centre | Order Number | 1.5M bearing centre | | | |
| | | | < 2200rpm | | > 2200rpm | | | |
| 1" | 4" | WLC-10004F203 | \$2,484 | WLC-10004F201 | \$3,818 | 160 | | |
| | 6" | WLC-10006F203 | \$2,887 | WLC-10006F201 | \$4,244 | 235 | | |
| | 8" | WLC-10008F203 | \$3,795 | WLC-10008F201 | \$5,578 | 270 | | |
| 1-1/4" | 4" | WLC-20004F203 | \$2,634 | WLC-20004F201 | \$3,979 | 160 | | |
| | 6" | WLC-20006F203 | \$3,036 | WLC-20006F201 | \$3,880 | 235 | | |
| | 8" | WLC-20008F203 | \$3,979 | WLC-20008F201 | \$5,693 | 270 | | |
| | 10" | WLC-20010F203 | \$5,152 | WLC-20010F201 | \$6,700 | 336 | | |
| 1-1/2" | 6" | WLC-30006F203 | \$3,278 | WLC-30006F201 | \$4,669 | 235 | | |
| | 8" | WLC-30008F203 | \$4,152 | WLC-30008F201 | \$5,934 | 270 | | |
| | 10" | WLC-30010F203 | \$5,152 | WLC-30010F201 | \$6,790 | 336 | | |
| | 12" | WLC-30012F203 | \$6,613 | WLC-30012F201 | \$10,074 | 412 | | |
| | 14" | WLC-30014F203 | POA | WLC-30014F201 | POA | 440 | | |
| 1-3/4" | 10" | WLC-40010F203 | \$5,670 | WLC-40010F201 | \$8,119 | 336 | | |
| | 12" | WLC-40012F203 | \$6,912 | WLC-40012F201 | \$10,316 | 412 | | |
| | 14" | WLC-40014F203 | POA | WLC-40014F201 | POA | 440 | | |
| 2" | 12" | WLC-50012F203 | \$7,521 | WLC-50012F201 | \$10,672 | 412 | | |
| | 14" | WLC-50014F203 | POA | WLC-50014F201 | POA | 440 | | |
| | 16" | Available - POA | | | | 580 | | |
| | 18" | Available - POA | | | | 640 | | |
| | 20" | Available - POA | | | | 705 | | |

Notes:

Pumps above 2,200 rpm may use either 3M or 1.5M bearing centres (From Feb 2019)

Pumps below 2,200 rpm may use 3 metre bearing centre column

For older columns; 10 foot = 3048mm, 5 foot = 1524mm



Spare Parts - Water Lube Column

Bearing Retainer Assembly - Threaded Column

316SS



| Size | Order Number | Price | | |
|------|---------------------------|---------|--------------|--------------------------------------------------------------------------------------------------------|
| 4" | BRA-TH-100I-19I-CA-6-1000 | \$760 | 3/4" shaft | Assembly includes: retainer, fitted bearing & C clip. Other shaft bearing sizes on request |
| | BRA-TH-100I-25I-CA-6-1000 | \$785 | 1" shaft | |
| | BRA-TH-100I-32I-CA-6-1000 | \$790 | 1-1/4" shaft | |
| 6" | BRA-TH-150I-25I-CA-6-1000 | \$650 | 1" shaft | |
| | BRA-TH-150I-32I-CA-6-1000 | \$690 | 1-1/4" shaft | |
| | BRA-TH-150I-38I-CA-6-1000 | \$710 | 1-1/2" shaft | |
| 8" | BRA-TH-200I-25I-CA-6-1000 | \$820 | 1" shaft | |
| | BRA-TH-200I-32I-CA-6-1000 | \$840 | 1-1/4" shaft | |
| | BRA-TH-200I-38I-CA-6-1000 | \$870 | 1-1/2" shaft | |
| 10" | BRA-TH-250I-32I-CA-6-1000 | \$1,270 | 1-1/4" shaft | |
| | BRA-TH-250I-38I-CA-6-1000 | \$1,290 | 1-1/2" shaft | |
| | BRA-TH-250I-44I-CA-6-1000 | \$1,320 | 1-3/4" | |
| 12" | BRA-TH-300I-38I-CA-6-1000 | \$1,560 | 1-1/2" shaft | |
| | BRA-TH-300I-44I-CA-6-1000 | \$1,580 | 1-3/4" shaft | |
| | BRA-TH-300-50I-CA-6-1000 | \$1,790 | 2" shaft | |

Other column and shaft size combinations available; POA

Bearing Retainer Assembly - Flanged Column

316SS



| Size | Order Number | Price | | |
|------|---------------------------|---------|--------------|---------------------------------------------------------------------------------------------------------------------|
| 4" | BRA-FL-100I-19I-CA-6-1000 | \$760 | 3/4" shaft | Assembly includes: Retainer, fitted bearing & C clip, 2 x O rings. Other shaft bearing sizes on request |
| | BRA-FL-100I-25I-CA-6-1000 | \$785 | 1" shaft | |
| | BRA-FL-100I-32I-CA-6-1000 | \$790 | 1-1/4" shaft | |
| 6" | BRA-FL-150I-25I-CA-6-1000 | \$690 | 1" shaft | |
| | BRA-FL-150I-32I-CA-6-1000 | \$700 | 1-1/4" shaft | |
| | BRA-FL-150I-38I-CA-6-1000 | \$720 | 1-1/2" shaft | |
| 8" | BRA-FL-200I-25I-CA-6-1000 | \$780 | 1" shaft | |
| | BRA-FL-200I-32I-CA-6-1000 | \$820 | 1-1/4" shaft | |
| | BRA-FL-200I-38I-CA-6-1000 | \$840 | 1-1/2" shaft | |
| 10" | BRA-FL-250I-32I-CA-6-1000 | \$1,270 | 1-1/4" shaft | |
| | BRA-FL-250I-38I-CA-6-1000 | \$1,290 | 1-1/2" shaft | |
| | BRA-FL-250I-44I-CA-6-1000 | \$1,320 | 1-3/4" | |
| 12" | BRA-FL-300I-38I-CA-6-1000 | \$1,560 | 1-1/2" shaft | |
| | BRA-FL-300I-44I-CA-6-1000 | \$1,580 | 1-3/4" shaft | |
| | BRA-FL-300I-50I-CA-6-1000 | \$1,640 | 2" shaft | |
| 14" | BRA-FL-350I-38I-CA-6-1000 | \$2,980 | 1-1/2" shaft | |
| | BRA-FL-350I-44I-CA-6-1000 | \$3,010 | 1-3/4" shaft | |
| | BRA-FL-350I-50I-CA-6-1000 | \$3,050 | 2" shaft | |

Other column and shaft size combinations available; POA



Spare Parts - Water Lube Column

Bearing Retainer only - Threaded Column

316SS

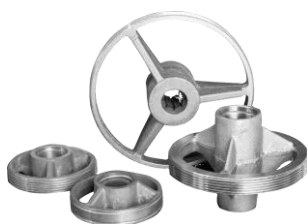


| Size | Order Number | Price | | |
|------|------------------------------|---------|--------------|------------------------------------|
| 4" | BR-TH-100I-19I-41I-CA-6-1000 | \$690 | 3/4" shaft | Order bearing and clip separately. |
| | BR-TH-100I-25I-41I-CA-6-1000 | \$690 | 1" shaft | |
| | BR-TH-100I-32I-41I-CA-6-1000 | \$690 | 1-1/4" shaft | |
| 6" | BR-TH-150I-25I-38I-CA-6-1000 | \$570 | 1-1/2" shaft | |
| | BR-TH-150I-32I-44I-CA-6-1000 | \$570 | 1-1/4" shaft | |
| | BR-TH-150I-38I-50I-CA-6-1000 | \$570 | 1-1/2" shaft | |
| 8" | BR-TH-200I-25I-50I-CA-6-1000 | \$730 | 1" shaft | |
| | BR-TH-200I-32I-50I-CA-6-1000 | \$730 | 1-1/4" shaft | |
| | BR-TH-200I-38I-50I-CA-6-1000 | \$730 | 1-1/2" shaft | |
| 10" | BR-TH-250I-32I-60I-CA-6-1000 | \$1,210 | 1-1/4" shaft | |
| | BR-TH-250I-38I-60I-CA-3-1000 | \$1,210 | 1-1/2" shaft | |
| | BR-TH-250I-44I-60I-CA-6-1000 | \$1,210 | 1-3/4" shaft | |
| 12" | BR-TH-300I-38I-60I-CA-6-1000 | \$1,450 | 1-1/2" shaft | |
| | BR-TH-300I-44I-60I-CA-6-1000 | \$1,530 | 1-3/4" shaft | |
| | BR-TH-300I-50I-67I-CA-6-1000 | \$1,530 | 2" shaft | |

Other column, bearing size and shaft size combinations available; POA

Bearing Retainer only - Flanged column

316SS



| Size | Order Number | Price | | |
|------|------------------------------|---------|--------------|------------------------------------|
| 4" | BR-FL-100I-19I-41I-CA-6-1000 | \$690 | 3/4" shaft | Order bearing and clip separately. |
| | BR-FL-100I-25I-41I-CA-6-1000 | \$690 | 1" shaft | |
| | BR-FL-100I-32I-41I-CA-6-1000 | \$690 | 1-1/4" shaft | |
| 6" | BR-FL-150I-25I-38I-CA-6-1000 | \$570 | 1" shaft | |
| | BR-FL-150I-32I-41I-CA-6-1000 | \$570 | 1-1/4" shaft | |
| | BR-FL-150I-38I-50I-CA-6-1000 | \$570 | 1-1/2" shaft | |
| 8" | BR-FL-200I-25I-50I-CA-6-1000 | \$730 | 1" shaft | |
| | BR-FL-200I-32I-50I-CA-6-1000 | \$730 | 1-1/4" shaft | |
| | BR-FL-200I-38I-50I-CA-6-1000 | \$730 | 1-1/2" shaft | |
| 10" | BR-FL-250I-32I-60I-CA-6-1000 | \$1,210 | 1-1/4" shaft | |
| | BR-FL-250I-38I-60I-CA-6-1000 | \$1,210 | 1-1/2" shaft | |
| | BR-FL-250I-44I-60I-CA-6-1000 | \$1,210 | 1-3/4" shaft | |
| 12" | BR-FL-300I-38I-60I-CA-6-1000 | \$1,530 | 1-1/2" shaft | |
| | BR-FL-300I-44I-60I-CA-6-1000 | \$1,530 | 1-3/4" shaft | |
| | BR-FL-300I-50I-60I-CA-6-1000 | \$1,530 | 2" shaft | |
| 14" | BR-FL-350I-38I-60I-CA-6-1000 | \$3,110 | 1-1/2" shaft | |
| | BR-FL-350I-44I-60I-CA-6-1000 | \$3,110 | 1-3/4" shaft | |
| | BR-FL-350I-50I-60I-CA-6-1000 | \$3,110 | 2" shaft | |

Other column, bearing size and shaft size combinations available; POA



Spare Parts - Water Lube Column

Line Shaft 431SS - 3 metres



| Size | Order Number | Price |
|--------|-----------------------|---------|
| 1" | LS-25I-3000-LH-3-1000 | \$470 |
| 1-1/4" | LS-32I-3000-LH-3-1000 | \$610 |
| 1-1/2" | LS-38I-3000-LH-3-1000 | \$790 |
| 1-3/4" | LS-44I-3000-LH-3-1000 | \$1,030 |
| 2" | LS-50I-3000-LH-3-1000 | \$1,470 |

For Threaded and Flanged column 10 tpi

For Threaded and Flanged column
Standard thread is Left Hand
10 tpi
Right Hand thread is available

Line Shaft Coupling - 316SS



| Size | Order Number | Price |
|--------|-----------------------|-------|
| 3/4" | LSC-TH-LH-19I-11-1000 | \$170 |
| 1" | LSC-TH-LH-25I-11-1000 | \$170 |
| 1-1/4" | LSC-TH-LH-32I-11-1000 | \$170 |
| 1-1/2" | LSC-TH-LH-38I-11-1000 | \$170 |
| 1-3/4" | LSC-TH-LH-44I-11-1000 | \$170 |
| 2" | LSC-TH-LH-50I-11-1000 | \$200 |

10 tpi

Standard thread is Left Hand
10 tpi
Right Hand thread is available
was Bronze, SS from Nov 19

Fluted Bearing NBR PRC



| Size | Order Number | Price |
|--------|--------------------|-------|
| 3/4" | BEFR-19I-32I-75I-3 | \$60 |
| 1" | BEFR-25I-38I-76-3 | \$60 |
| 1-1/4" | BEFR-32I-57I-78-1 | \$85 |
| 1-1/2" | BEFR-38I-50I-60-3 | \$110 |
| 1-3/4" | BEFR-44I-60I-87-3 | \$120 |
| 2" | BEFR-50I-67I-75-3 | \$200 |

Need other bearing size not listed?

We have over 45 other sizes available, ask us

NBR in Phenolic Resin Casing

| Shaft x Brg OD x length |
|-------------------------|
| 3/4" x 1-1/4" x 3" |
| 1" x 1-1/2" x 76mm |
| 1-1/4" x 2-1/4" x 78mm |
| 1-1/2" x 2" x 60mm |
| 1-3/4" x 2-3/8" x 87mm |
| 2" x 2-5/8" x 3" |

Bearing C Clip - 304SS suit OD of bearing



| Size | Order Number | Price |
|--------|--------------|-------|
| 1-1/2" | BC-38I-1 | \$16 |
| 1-3/4" | BC-44I-1 | \$19 |
| 2" | BC-50I-1 | \$19 |
| 2-3/8" | BC-60I-1 | \$22 |
| 2-5/8" | BC-66I-1 | \$22 |



Oil Lube Column Assembly



Threaded - Carbon Steel

Oil Lube Column and Shaft Assembly - Carbon Steel

| Shaft size (inches) | Oil tube (inches) | Column size (inches) | Threaded | | Column Coupling OD |
|---------------------|-------------------|----------------------|-----------------------|-----------------------|--------------------|
| | | | Sch 40 | Steel Pipe | |
| | | | 431SS shaft | Steel Shaft Couplings | |
| | | | Steel Column Coupling | Bronze Bearing | |
| | | | 3 Metre | | |
| | | | Order Number | 1.5 m Bearing Centre | |
| 1" | 2" | 6" | OLC-10206T111 | \$2,703 | 188 |
| | | 8" | OLC-10208T111 | \$3,128 | 250 |
| 1-1/4" | 2" | 6" | OLC-20206T111 | \$2,818 | 188 |
| | | 8" | OLC-20208T111 | \$3,232 | 250 |
| | | 10" | OLC-20210T111 | \$3,393 | 295 |
| 1-1/2" | 2-1/2" | 6" | OLC-32506T111 | \$3,220 | 188 |
| | | 8" | OLC-32508T111 | \$3,680 | 250 |
| | | 10" | OLC-32510T111 | \$4,083 | 295 |
| | | 12" | OLC-32512T111 | \$4,485 | 360 |
| 1-3/4" | 3" | 10" | OLC-40310T111 | \$6,245 | 295 |
| | | 12" | OLC-40312T111 | \$6,958 | 360 |
| 2" | 3" | 12" | OLC-50312T111 | \$7,038 | 360 |

8 tpi RH

14" and larger, use Flanged column

Oil Tube Stabilizer
(Centraliser) (Spider)



Refer to page
VT-26 for pricing

(1) For vertical installation, install rubber stabilizers at least one (1) every 9-12 metres

(2) For inclined/angle installation, install steel stabilisers every 3 metres

Mild steel column and the Oil tube are painted with bituminous coating to protect and minimise rust/corrosion

Threaded Carbon steel column has carbon steel column coupling

For older columns; 10 foot = 3048mm, 5 foot = 1524mm



Oil Lube Column Assembly



Flanged - Carbon Steel

Oil Lube Column and Shaft Assembly - Carbon Steel

| Shaft size (inches) | Oil tube (inches) | Column size (inches) | Flanged | | Reduced Flange OD |
|---------------------|---------------------|----------------------|-------------------------------|-----------------------------------------|-------------------|
| | | | Sch 10 | Steel Pipe | |
| | | | 431SS Shaft Nuts and bolts | Steel Shaft Couplings Bronze Bearing | |
| 3 Metre | | | | | |
| Order Number | 1.5m Bearing Centre | | | | |
| 1" | 2" | 6" | OLC-10206F111 | \$2,933 | 236 |
| | | 8" | OLC-10208F111 | \$3,427 | 270 |
| 1-1/4" | 2" | 6" | OLC-20206F111 | \$3,048 | 236 |
| | | 8" | OLC-20208F111 | \$3,565 | 270 |
| | | 10" | OLC-20210F111 | \$4,083 | 336 |
| 1-1/2" | 2-1/2" | 6" | OLC-32506F111 | \$3,462 | 236 |
| | | 8" | OLC-32508F111 | \$3,968 | 270 |
| | | 10" | OLC-32510F111 | \$4,543 | 336 |
| | | 12" | OLC-32512F111 | \$5,348 | 412 |
| | | 14" | OLC-32514F111 | \$6,613 | 440 |
| 1-3/4" | 3" | 10" | OLC-40310F111 | \$5,060 | 336 |
| | | 12" | OLC-40312F111 | \$5,865 | 412 |
| | | 14" | OLC-40314F111 | \$7,073 | 440 |
| 2" | 3" | 12" | OLC-50312F111 | \$6,383 | 412 |
| | | 14" | OLC-50314F111 | \$7,590 | 440 |
| 8 tpi RH | | | | | |
| | | 16" | Available - POA | | 580 |
| | | 18" | Available - POA | | 640 |
| | | 20" | Available - POA | | 705 |

Oil Tube Stabilizer (Centraliser) (Spider)



Refer to page
VT-26 for pricing

(1) For vertical installation, install rubber stabilizers at least one (1) every 9-12 metres

(2) For inclined/angle installation, install steel stabilisers every 3 metres

Mild steel column and the Oil tube are painted with bituminous coating to protect and minimise rust/corrosion

Threaded Carbon steel column has carbon steel column coupling

For older columns; 10 foot = 3048mm, 5 foot = 1524mm



Oil Lube Column Assembly



Threaded - 304SS

Oil Lube Column and Shaft Assembly - 304SS

| Shaft size (inches) | Oil tube (inches) | Column size (inches) | Threaded | | Column Coupling OD |
|---------------------|-------------------|----------------------|------------------------------|---------------------------------------|--------------------|
| | | | Sch 40 316SS Column Coupling | 304SS Pipe Steel Shaft Bronze Bearing | |
| | | | Order Number | 1.5m Bearing Centre | |
| 1" | 2" | 6" | OLC-10206T211 | \$3,945 | 188 |
| | | 8" | OLC-10208T211 | \$5,336 | 250 |
| 1-1/4" | 2" | 6" | OLC-20206T211 | \$4,060 | 188 |
| | | 8" | OLC-20208T211 | \$5,428 | 250 |
| | | 10" | OLC-20210T211 | \$7,153 | 295 |
| 1-1/2" | 2-1/2" | 6" | OLC-32506T211 | \$4,554 | 188 |
| | | 8" | OLC-32508T211 | \$5,888 | 250 |
| | | 10" | OLC-32510T211 | \$7,648 | 295 |
| | | 12" | OLC-32512T211 | \$9,649 | 360 |
| 1-3/4" | 3" | 10" | OLC-40310T211 | \$8,188 | 295 |
| | | 12" | OLC-40312T211 | \$10,247 | 360 |
| 2" | 3" | 12" | OLC-50312T2111 | \$10,373 | 360 |

8 tpi RH

14" and larger, use Flanged column

**Oil Tube Stabilizer
(Centraliser) (Spider)**



Refer to page
VT-26 for pricing

- (1) For vertical installation, install rubber stabilizers at least one (1) every 9-12 metres
 - (2) For inclined/angle installation, install steel stabilisers every 3 metres
- Oil tube are painted with bituminous coating to protect and minimise rust/corrosion
Threaded 304SS column has carbon steel column coupling

For older columns; 10 foot = 3048mm, 5 foot = 1524mm



Oil Lube Column Assembly



Flanged - 304SS

Oil Lube Column and Shaft Assembly - 304SS

| Shaft size (inches) | Oil tube (inches) | Column size (inches) | Flanged | | Reduced Flange OD |
|---------------------|-------------------|----------------------|----------------------------|---------------------|-------------------|
| | | | Sch 10 304SS Pipe | Steel Shaft | |
| | | | 431SS Shaft Nuts and Bolts | Bronze Bearing | |
| 3 Metre | | | | | |
| | | | Order Number | 1.5m Bearing Centre | |
| 1" | 2" | 6" | OLC-10206F211 | \$3,703 | 236 |
| | | 8" | OLC-10208F211 | \$4,520 | 270 |
| 1-1/4" | 2" | 6" | OLC-20206F211 | \$3,818 | 236 |
| | | 8" | OLC-20208F211 | \$4,646 | 270 |
| | | 10" | OLC-20210F211 | \$5,647 | 336 |
| 1-1/2" | 2-1/2" | 6" | OLC-32506F211 | \$4,336 | 236 |
| | | 8" | OLC-32508F211 | \$5,152 | 270 |
| | | 10" | OLC-32510F211 | \$6,061 | 336 |
| | | 12" | OLC-32512F211 | \$6,187 | 412 |
| | | 14" | OLC-32514F211 | POA | 440 |
| 1-3/4" | 3" | 10" | OLC-40310F211 | \$6,187 | 336 |
| | | 12" | OLC-40312F211 | \$7,889 | 412 |
| | | 14" | OLC-40314F211 | POA | 440 |
| 2" | 3" | 12" | OLC-50312F211 | \$8,499 | 412 |
| | | 14" | OLC-50314F211 | POA | 440 |
| 8 tpi RH | | | | | |
| | | 16" | Available - POA | | 580 |
| | | 18" | Available - POA | | 640 |
| | | 20" | Available - POA | | 705 |

Oil Tube Stabilizer (Centraliser) (Spider)



Refer to page
VT-26 for pricing

- (1) For vertical installation, install rubber stabilizers at least one (1) every 9-12 metres
 - (2) For inclined/angle installation, install steel stabilisers every 3 metres
- Oil tube are painted with bituminous coating to protect and minimise rust/corrosion
Threaded 304SS column has carbon steel column coupling

For older columns; 10 foot = 3048mm, 5 foot = 1524mm



Spare Parts - Oil Lube Column

Line Shaft - 431SS (3 metres)



| Size | Order Number | Price |
|--------|-----------------------|---------|
| 1" | LS-25I-3000-LH-3-1000 | \$470 |
| 1-1/4" | LS-32I-3000-LH-3-1000 | \$610 |
| 1-1/2" | LS-38I-3000-LH-3-1000 | \$790 |
| 1-3/4" | LS-44I-3000-LH-3-1000 | \$1,030 |
| 2" | LS-50I-3000-LH-3-1000 | \$1,470 |

For Threaded and Flanged column

For Threaded and Flanged column
Standard thread is Left Hand
10 tpi
Right Hand thread is available

Line Shaft Coupling - Carbon Steel

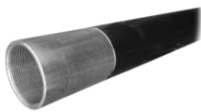


| Size | Order Number | Price |
|--------|----------------------|-------|
| 1" | LSC-TH-LH-25I-1-1000 | \$160 |
| 1-1/4" | LSC-TH-LH-32I-1-1000 | \$160 |
| 1-1/2" | LSC-TH-LH-38I-1-1000 | \$160 |
| 1-3/4" | LSC-TH-LH-44I-1-1000 | \$240 |
| 2" | LSC-TH-LH-50I-1-1000 | \$320 |

10 tpi

Standard thread is Left Hand
10 tpi
Right Hand thread is available

Oil Tube (1.5 metre) - Carb on Steel



| Size | Order Number | Price |
|--------|--------------------|-------|
| 1-1/2" | OT-38I-1500-1-1000 | \$200 |
| 2" | OT-50I-1500-1-1000 | \$210 |
| 2-1/2" | OT-63I-1500-1-1000 | \$250 |
| 3" | OT-75I-1500-1-1000 | \$300 |

1490mm long (1500mm nominal length)

Sch 80 pipe
10 tpi RH
Internal thread each end

Oil Tube Bearing Connector with Bronze Bearing



| Size | Order Number | Price |
|-----------------|------------------------|-------|
| 2" x 1" | OTB-CCW-50I-25I-3-1000 | \$280 |
| 2" x 1-1/4" | OTB-CCW-50I-32I-3-1000 | \$270 |
| 2-1/2" x 1-1/2" | OTB-CCW-63I-38I-3-1000 | \$360 |
| 3" x 1-3/4" | OTB-CCW-75I-44I-3-1000 | \$450 |
| 3" x 2" | OTB-CCW-75I-50I-3-1000 | \$510 |

Connects oil tubes
with shaft running in
internal bronze bearing
10 tpi



Spare Parts - Oil Lube Column

Oil Tube Centraliser - Rubber



| ID | Col x OT | Order Number | Price |
|------|--------------|----------------------|-------|
| 48.3 | 6" x 1-1/2" | OTC-150I-38I-11-1000 | \$140 |
| 60.3 | 6" x 2" | OTC-150I-50I-11-1000 | \$140 |
| 73 | 6" x 2-1/2" | OTC-150I-63I-11-1001 | \$140 |
| 60.3 | 8" x 2" | OTC-200I-50I-11-1000 | \$170 |
| 73 | 8" x 2-1/2" | OTC-200I-63I-11-1000 | \$170 |
| 73 | 10" x 2-1/2" | OTC-250I-63I-11-1000 | \$270 |
| 88.9 | 10" x 3" | OTC-250I-75I-11-1000 | \$270 |
| 73 | 12" x 2-1/2" | OTC-300I-63I-11-1000 | \$320 |
| 88.9 | 12" x 3" | OTC-300I-75I-11-1000 | \$320 |
| 88.9 | 14" x 3" | OTC-350I-75I-11-1000 | \$470 |

Nominal Sizing
 6" column x 2" oil tube
 ID to suit OD of Sch 80 pipe

Oil Tube centralisers or stabilisers are required to keep the Oil Tube centralised within the riser column

Oil Tube Centraliser - Carbon Steel



| ID | Col x OT | Order Number | Price |
|-----|--------------|---------------------|---------|
| | 6" x 2" | OTC-150I-50I-1-1000 | \$690 |
| 90 | 8" x 2-1/2" | OTC-200I-63I-1-1000 | \$840 |
| 100 | 8" x 3" | OTC-200I-75I-1-1000 | \$840 |
| 115 | 10" x 2-1/2" | OTC-250I-63I-1-1000 | \$1,110 |
| | 12" x 3" | OTC-300I-63I-1-1000 | \$1,370 |
| | 14" x 3" | OTC-350I-75I-1-1000 | \$1,480 |

Nominal Sizing
 6" column x 2" oil tube
 includes PTFE sleeve
For inclined installations

Other sizes available
Stainless Steel available



Spare Parts - Column Only - Steel

Column Only: Water or Oil Lube - Carbon Steel



| Size | THREADED Column Sch 40 | | THREADED Column Sch 40 | |
|------|--------------------------|----------|--------------------------|------------|
| | Order Number | 3 metres | Order Number | 1.5 metres |
| | | Price | | Price |
| 4" | CPA-THR-100I-2980-1-1000 | \$460 | CPA-THR-100I-1480-1-1000 | \$330 |
| 6" | CPA-THR-150I-2980-1-1000 | \$840 | CPA-THR-150I-1480-1-1000 | \$580 |
| 8" | CPA-THR-200I-2980-1-1000 | \$1,090 | CPA-THR-200I-1480-1-1000 | \$700 |
| 10" | CPA-THR-250I-2980-1-1000 | \$1,350 | CPA-THR-250I-1480-1-1000 | \$830 |
| 12" | CPA-THR-300I-2980-1-1000 | \$1,740 | CPA-THR-300I-1480-1-1000 | \$1,050 |

2980mm long (3000mm nominal length) 8 tpi RH

8 tpi RH

14" and larger, use Flanged column

Threaded Column Coupling - Carbon Steel

8 tpi RH



| OD | Size | Order Number | Price |
|-----|------|--------------------|-------|
| 127 | 4" | CC-RHF-100I-1-1000 | \$135 |
| 188 | 6" | CC-RHF-150I-1-1000 | \$185 |
| 242 | 8" | CC-RHF-200I-1-1000 | \$280 |
| 295 | 10" | CC-RHF-250I-1-1000 | \$370 |
| 360 | 12" | CC-RHF-300I-1-1000 | \$500 |

Coupling has 20mm shoulder inside for oil column

Column Only - Water or Oil Lube: Carbon Steel



| Flange OD | Size | FLANGED Column Sch 10 | | FLANGED Column Sch 10 | |
|-----------|------|-------------------------|----------|-------------------------|------------|
| | | Order Number | 3 metres | Order Number | 1.5 metres |
| | | | Price | | Price |
| 160 | 4" | CPA-FL-100I-3000-1-1000 | \$590 | CPA-FL-100I-1500-1-1000 | \$450 |
| 236 | 6" | CPA-FL-150I-3000-1-1000 | \$1,160 | CPA-FL-150I-1500-1-1000 | \$900 |
| 270 | 8" | CPA-FL-200I-3000-1-1000 | \$1,420 | CPA-FL-200I-1500-1-1000 | \$1,080 |
| 336 | 10" | CPA-FL-250I-3000-1-1000 | \$1,810 | CPA-FL-250I-1500-1-1000 | \$1,370 |
| 412 | 12" | CPA-FL-300I-3000-1-1000 | \$2,320 | CPA-FL-300I-1500-1-1000 | \$1,635 |
| 440 | 14" | CPA-FL-350I-3000-1-1000 | \$3,240 | CPA-FL-350I-1500-1-1000 | \$2,295 |

Note: Column supplied without bolts and nuts

2980 nominal

1480 nominal

| | |
|-----|----------------|
| 16" | Available, POA |
| 18" | Available, POA |
| 20" | Available, POA |



Spare Parts - Column Only - 304SS

Column only - Water or Oil Lube - 304SS



| Size | THREADED Column Sch 40 | | THREADED Column Sch 40 | |
|------|--------------------------|----------|--------------------------|------------|
| | Order Number | 3 metres | Order Number | 1.5 metres |
| | | Price | | Price |
| 4" | CPA-THR-100I-2980-5-1000 | \$1,320 | CPA-THR-100I-1500-5-1000 | \$760 |
| 6" | CPA-THR-150I-2980-5-1000 | \$2,140 | CPA-THR-150I-1500-5-1000 | \$1,190 |
| 8" | CPA-THR-200I-2980-5-1000 | \$3,380 | CPA-THR-200I-1500-5-1000 | \$1,850 |
| 10" | CPA-THR-250I-2980-5-1000 | \$4,960 | CPA-THR-250I-1500-5-1000 | \$2,610 |
| 12" | CPA-THR-300I-2980-5-1000 | \$6,750 | CPA-THR-300I-1500-5-1000 | \$3,535 |

2980mm long (3000mm nominal length) 8 tpi RH
14" and larger, use Flanged column

8 tpi RH

Threaded Column Coupling - 316SS

8 tpi RH



| OD | Size | Order Number | Price |
|-----|------|--------------------|---------|
| 127 | 4" | CC-RHF-100I-6-1000 | \$700 |
| 188 | 6" | CC-RHF-150I-6-1000 | \$1,090 |
| 242 | 8" | CC-RHF-200I-6-1000 | \$1,980 |
| 295 | 10" | CC-RHF-250I-6-1000 | \$3,270 |
| 360 | 12" | CC-RHF-300I-6-1000 | \$4,035 |

Coupling has 20mm shoulder inside for oil column

Use anti galling or anti seize on SS column and SS coupling assembly

Column only - Water or Oil Lube - 304SS



| Flange OD | Size | THREADED Column Sch 40 | | THREADED Column Sch 40 | |
|-----------|------|--------------------------|----------|--------------------------|------------|
| | | Order Number | 3 metres | Order Number | 1.5 metres |
| | | | Price | | Price |
| | 4" | CPA-THR-100I-2980-5-1000 | \$1,320 | CPA-THR-100I-1500-5-1000 | \$760 |
| | 6" | CPA-THR-150I-2980-5-1000 | \$2,140 | CPA-THR-150I-1500-5-1000 | \$1,190 |
| | 8" | CPA-THR-200I-2980-5-1000 | \$3,380 | CPA-THR-200I-1500-5-1000 | \$1,850 |
| | 10" | CPA-THR-250I-2980-5-1000 | \$4,960 | CPA-THR-250I-1500-5-1000 | \$2,610 |
| | 12" | CPA-THR-300I-2980-5-1000 | \$6,750 | CPA-THR-300I-1500-5-1000 | \$3,535 |

2980mm long (3000mm nominal length) 8 tpi RH
14" and larger, use Flanged column

8 tpi RH

| | |
|-----|----------------|
| 16" | Available, POA |
| 18" | Available, POA |
| 20" | Available, POA |



6" PVC Column & Related Items

Column Assembly - Water Lube - PVC



| Size | THREADED Column - 6" PN18 | |
|------|---------------------------------|----------------------|
| | 3 metres x 1.5M bearing centres | |
| | 431SS shaft (3000mm) | 431SS shaft coupling |
| | PVC column coupling | |
| | ZFB bearing retainers | |
| | Rubber bearings | |
| | Order Number | 3 metres Price |
| 6" | WLC-10006T701 | \$3,300 |

2980mm long (3000mm nominal length)

8 tpi RH



Threaded Column Coupling

PVC

8 tpi RH

| OD | Size | Order Number | Price |
|-------|------|--------------------|-------|
| 177.4 | 6" | CC-RHC-150I-4-1000 | \$230 |

130mm long

PN20



Discharge Head Adaptor

PVC

| Size | Order Number | Price |
|------|--------------|---------|
| 6" | DHCPA-PVC2 | \$1,800 |

Suit 6" H4C discharge head

500mm long



Column only - Water Lube - PVC

| Size | Threaded column PVC | |
|------|---------------------------|------------|
| | Order Number | 1.5 metres |
| | | Price |
| 6" | CPA-THL-150I-1480-11-1000 | \$550 |

1480mm nominal

PN18 160.3 OD



4" Discharge Heads & Head Shafts, Column Adaptors



| Head Size | Discharge Head Description | | | Price | |
|-----------------|--------------------------------------------------------------------------|---------------------------------------------------------|---------|-----------------|--|
| | Order Numbers | Item descriptions | | | |
| 4" x 10" | 4" Cast Iron Discharge head, 10" mounting with 1" packing box | | | | |
| H4A (1) | DA-100-10-25W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$2,990 | Select type | |
| | DA-100-10-25O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$5,850 | | |
| | HSA-STD1 | 1" Head Shaft Assy cw key, screw, nut hd, 431SS | \$943 | Select material | |
| | HSA-3161 | 1" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,001 | | |
| | DHCPA-STD1 | Flanged Column Pipe Adaptor 4" pipe, steel | \$656 | Select material | |
| | DHCPA-SS1 | Flanged Column Pipe Adaptor 4" pipe, 304SS | \$1,461 | | |
| 4" x 10" | 4" Cast Iron Discharge head, 10" mounting with 1-1/4" packing box | | | | |
| H4A (1) | DA-100-10-32W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$2,990 | Select type | |
| | DA-100-10-32O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$5,850 | | |
| | HSA-STD2 | 1-1/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$978 | Select material | |
| | HSA-3162 | 1-1/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,035 | | |
| | DHCPA-STD1 | Flanged Column Pipe Adaptor 4" pipe, steel | \$656 | Select material | |
| | DHCPA-SS1 | Flanged Column Pipe Adaptor 4" pipe, 304SS | \$1,461 | | |
| 4" x 12" | 4" Cast Iron Discharge head, 12" mounting with 1" packing box | | | | |
| H4A (1) | DA-100-10-25W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$2,990 | Select type | |
| | DA-100-10-25O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$5,850 | | |
| | HSA-STD1 | 1" Head Shaft Assy cw key, screw, nut hd, 431SS | \$943 | Select material | |
| | HSA-3161 | 1" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,001 | | |
| | DHCPA-STD1 | Flanged Column Pipe Adaptor 4" pipe, steel | \$656 | Select material | |
| | DHCPA-SS1 | Flanged Column Pipe Adaptor 4" pipe, 304SS | \$1,461 | | |

Notes;

Applicable to all Discharge Heads

(1) Standard construction is cast iron, painted

(2) Standard construction is fabricated with Mild Steel plate and painted

Water lube discharge head supplied fitted with Packing Gland (Cotton Teflon) with adjusting nut

Oil Lube discharge head incorporates Oil tube tensioner and adjusting nut and 20 litre oil dripper tank and stand

Silicon Carbide Mechanical Seal available at extra cost for specific applications, POA.

Outlet flanges are Table E, options for Table D or ANSI flanges. (3) Except 10" & 12" cast models which are ANSI-150

NEMA flange size relates to Hollow shaft motor flanges or Right Angle Gearbox flange.

For electric motor use, refer to Motor stool page to add Motor Stool & Thrust Bearing Assembly to top of Discharge Head

Underground Discharge Head is Price On Application (POA)

Discharge Head materials to suit pump material, available in 316SS, Duplex and Super Duplex SS and other

16½", 20" & 24½" RAGB use same head flange



6" Discharge Heads & Head Shafts, Column Adaptors



| Head Size | Discharge Head Description | | Price | |
|---------------------|------------------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| | Order Numbers | Item descriptions | | |
| 6" x 12" | 6" Cast Iron Discharge head, 12" mounting with 1" packing box | | | |
| H4C (1) | DA-150-12-25W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$3,220 | Select type |
| | DA-150-12-25O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$8,108 | |
| | HSA-STD1 | 1" Head Shaft Assy cw key, screw, nut hd, 431SS | \$943 | Select material |
| | HSA-3161 | 1" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,001 | |
| | DHCPA-STD2 | Flanged Column Adaptor 6" pipe, steel | \$932 | Select material |
| | DHCPA-SS2 | Flanged Column Adaptor 6" pipe, 304SS | \$2,185 | |
| 6" x 12" | 6" Cast Iron Discharge head, 12" mounting with 1-1/4" packing box | | | |
| H4C (1) | DA-150-12-32W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$3,220 | Select type |
| | DA-150-12-32O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$8,108 | |
| | HSA-STD1 | 1" Head Shaft Assy cw key, screw, nut hd, 431SS | \$943 | Select material |
| | HSA-3161 | 1" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,001 | |
| | DHCPA-STD2 | Flanged Column Adaptor 6" pipe, steel | \$932 | Select material |
| | DHCPA-SS2 | Flanged Column Adaptor 6" pipe, 304SS | \$2,185 | |
| 6" x 16 1/2" | 6" Cast Iron Discharge head, 16 1/2" mounting with 1" packing box | | | |
| (1) | DA-150-16-25W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$7,435 | Select type |
| | DA-150-16-25O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$10,436 | |
| | HSA-STD1 | 1" Head Shaft Assy cw key, screw, nut hd, 431SS | \$943 | Select material |
| | HSA-3161 | 1" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,001 | |
| | DHCPA-STD2 | Flanged Column Pipe Adaptor 6" pipe, steel | \$932 | Select material |
| | DHCPA-SS2 | Flanged Column Pipe Adaptor 6" pipe, 304SS | \$2,185 | |
| 6" x 16 1/2" | 6" Cast Iron Discharge head, 16 1/2" mounting with 1-1/4" packing box | | | |
| (1) | DA-150-16-32W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$8,671 | Select type |
| | DA-150-16-32O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$11,420 | |
| | HSA-STD2 | 1-1/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$978 | Select material |
| | HSA-3162 | 1-1/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,035 | |
| | DHCPA-STD2 | Flanged Column Pipe Adaptor 6" pipe, steel | \$932 | Select material |
| | DHCPA-SS2 | Flanged Column Pipe Adaptor 6" pipe, 304SS | \$2,185 | |
| 6" x 16 1/2" | 6" Cast Iron Discharge head, 16 1/2" mounting with 1-1/2" packing box | | | |
| (1) | DA-150-16-38W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$8,671 | Select type |
| | DA-150-16-38O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$11,420 | |
| | HSA-STD3 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,150 | Select material |
| | HSA-3163 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,208 | |
| | DHCPA-STD2 | Flanged Column Pipe Adaptor 6" pipe, steel | \$932 | Select material |
| | DHCPA-SS2 | Flanged Column Pipe Adaptor 6" pipe, 304SS | \$2,185 | |

See Notes Page VT-29 (Page 53)



8" Discharge Heads & Head Shafts, Column Adaptors



| Head Size | Discharge Head Description | | Price |
|-----------|----------------------------|-------------------|-------|
| | Order Numbers | Item descriptions | |

| 8" x 16½" | 8" Cast Iron Discharge head, 16½" mounting with 1" packing box | | | |
|-----------|----------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| H10E (1) | DA-200-16-25W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$7,820 | Select type |
| | DA-200-16-25O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$12,708 | |
| | HSA-STD1 | 1" Head Shaft Assy cw key, screw, nut hd, 431SS | \$943 | Select material |
| | HSA-3161 | 1" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,001 | |
| | DHCPA-STD3 | Flanged Column Pipe Adaptor 8" pipe, steel | \$1,461 | Select material |
| | DHCPA-SS3 | Flanged Column Pipe Adaptor 8" pipe, 304SS | \$3,278 | |

| 8" x 16½" | 8" Cast Iron Discharge head, 16½" mounting with 1-1/4" packing box | | | |
|-----------|--------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| H10E (1) | DA-200-16-32W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$7,820 | Select type |
| | DA-200-16-32O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$12,708 | |
| | HSA-STD2 | 1-1/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$978 | Select material |
| | HSA-3162 | 1-1/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,035 | |
| | DHCPA-STD3 | Flanged Column Pipe Adaptor 8" pipe, steel | \$1,461 | Select material |
| | DHCPA-SS3 | Flanged Column Pipe Adaptor 8" pipe, 304SS | \$3,278 | |

| 8" x 16½" | 8" Cast Iron Discharge head, 16½" mounting with 1-1/2" packing box | | | |
|-----------|--------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| H10E (1) | DA-200-16-38W-1C-1000 | Water Lube surface discharge (Table E flange std) | \$7,820 | Select type |
| | DA-200-16-38O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$12,708 | |
| | HSA-STD3 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,150 | Select material |
| | HSA-3163 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,208 | |
| | DHCPA-STD3 | Flanged Column Pipe Adaptor 8" pipe, steel | \$1,461 | Select material |
| | DHCPA-SS3 | Flanged Column Pipe Adaptor 8" pipe, 304SS | \$3,278 | |

See Notes Page VT-29 (Page 53)



10" Discharge Heads & Head Shafts, Column Adaptors



| Head Size | Discharge Head Description | | Price | |
|-------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| | Order Numbers | Item descriptions | | |
| 10" x 16½" | 10" Cast Iron Discharge head, 16½" mounting with 1-1/4" packing box | | | |
| (1) (3) | DA-250-16-32W-1C-1000 | Water Lube surface discharge (ANSI 150 flange outlet) | \$10,523 | Select type |
| | DA-250-16-32O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$15,218 | |
| | HSA-STD2 | 1-1/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$978 | Select material |
| | HSA-3162 | 1-1/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,035 | |
| | DHCPA-STD4 | Flanged Column Pipe Adaptor 10" pipe, steel | \$1,760 | Select material |
| | DHCPA-SS4 | Flanged Column Pipe Adaptor 10" pipe, 304SS | \$3,887 | |
| 10" x 16½" | 10" Cast Iron Discharge head, 16½" mounting with 1-1/2" packing box | | | |
| (1) (3) | DA-250-16-38W-1C-1000 | Water Lube surface discharge (ANSI 150 flange outlet) | \$10,523 | Select type |
| | DA-250-16-38O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$15,218 | |
| | HSA-STD3 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,150 | Select material |
| | HSA-3163 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,208 | |
| | DHCPA-STD4 | Flanged Column Pipe Adaptor 10" pipe, steel | \$1,760 | Select material |
| | DHCPA-SS4 | Flanged Column Pipe Adaptor 10" pipe, 304SS | \$3,887 | |
| 10" x 16½" | 10" Cast Iron Discharge head, 16½" mounting with 1-3/4" packing box | | | |
| (1) (3) | DA-250-16-44W-1C-1000 | Water Lube surface discharge (ANSI 150 flange outlet) | \$10,925 | Select type |
| | DA-250-16-44O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$15,318 | |
| | HSA-STD3 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,150 | Select material |
| | HSA-3163 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,208 | |
| | DHCPA-STD4 | Flanged Column Pipe Adaptor 10" pipe, steel | \$1,760 | Select material |
| | DHCPA-SS4 | Flanged Column Pipe Adaptor 10" pipe, 304SS | \$3,887 | |
| 10" x 24½" | 10" Fabricated Steel Discharge head, 24½" mounting with 1-1/2" packing box | | | |
| (2) | DA-250-24-38W-1F-1000 | Water Lube surface discharge (Table E flange std) | \$21,022 | Select type |
| | DA-250-24-38O-1F-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$25,438 | |
| | HSA-STD3 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,150 | Select material |
| | HSA-3163 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,208 | |
| | DHCPA-STD4 | Flanged Column Pipe Adaptor 10" pipe, steel | \$1,760 | Select material |
| | DHCPA-SS4 | Flanged Column Pipe Adaptor 10" pipe, 304SS | \$3,887 | |
| 10" x 16½" | 10" Cast Iron Discharge head, 16½" mounting with 1-3/4" packing box | | | |
| (1) (3) | DA-250-16-44W-1C-1000 | Water Lube surface discharge (ANSI 150 flange outlet) | \$10,665 | Select type |
| | DA-250-16-44O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$13,500 | |
| | HSA-STD4 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,150 | Select material |
| | HSA-3164 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,208 | |
| | DHCPA-STD4 | Flanged Column Pipe Adaptor 10" pipe, steel | \$1,760 | Select material |
| | DHCPA-SS4 | Flanged Column Pipe Adaptor 10" pipe, 304SS | \$3,887 | |

See Notes Page VT-29 (Page 53)

16½", 20" & 24½" RAGB use same head flange



12" Discharge Heads & Head Shafts, Column Adaptors



| Head Size | Discharge Head Description | | Price |
|-----------|----------------------------|-------------------|-------|
| | Order Numbers | Item descriptions | |

| 12" x 16½" | 12" Cast Iron Discharge head, 16½" mounting with 1-1/2" packing box | | | |
|------------|---------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| (1) (3) | DA-300-16-38W-1C-1000 | Water Lube surface discharge (ANSI 150 flange outlet) | \$10,224 | Select type |
| | DA-300-16-38O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$15,318 | |
| | HSA-STD3 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,150 | Select material |
| | HSA-3163 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,208 | |
| | DHCPA-STD5 | Flanged Column Pipe Adaptor 12" pipe, steel | \$2,852 | Select material |
| | DHCPA-SS5 | Flanged Column Pipe Adaptor 12" pipe, 304SS | \$5,946 | |

| 12" x 16½" | 12" Cast Iron Discharge head, 16½" mounting with 1-3/4" packing box | | | |
|------------|---------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| (1) (3) | DA-300-16-45W-1C-1000 | Water Lube surface discharge (ANSI 150 flange outlet) | \$10,224 | Select type |
| | DA-300-16-45O-1C-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$15,318 | |
| | HSA-STD4 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,242 | Select material |
| | HSA-3164 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,300 | |
| | DHCPA-STD5 | Flanged Column Pipe Adaptor 12" pipe, steel | \$2,852 | Select material |
| | DHCPA-SS5 | Flanged Column Pipe Adaptor 12" pipe, 304SS | \$5,946 | |

| 12" x 16½" | 12" Fabricated Iron Discharge head, 16½" mounting with 1-3/4" packing box | | | |
|------------|---------------------------------------------------------------------------|-----------------------------------------------------|----------|-----------------|
| (2) | DA-300-16-45W-1F-1000 | Water Lube surface discharge (Table E flange std) | \$10,925 | Select type |
| | DA-300-16-45O-1F-1000 | Oil Lube surface discharge | \$15,318 | |
| | HSA-STD4 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,242 | Select material |
| | HSA-3164 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,300 | |
| | DHCPA-STD5 | Flanged Column Pipe Adaptor 12" pipe, steel | \$2,852 | Select material |
| | DHCPA-SS5 | Flanged Column Pipe Adaptor 12" pipe, 304SS | \$5,946 | |

| 12" x 16½" | 12" Fabricated Iron Discharge head, 16½" mounting with 2" packing box | | | |
|------------|-----------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| (2) | DA-300-16-50W-1F-1000 | Water Lube surface discharge (Table E flange std) | \$10,925 | Select type |
| | DA-300-16-50O-1F-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$15,318 | |
| | HSA-STD5 | 2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,392 | Select material |
| | HSA-3165 | 2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,472 | |
| | DHCPA-STD5 | Flanged Column Pipe Adaptor 12" pipe, steel | \$2,852 | Select material |
| | DHCPA-SS5 | Flanged Column Pipe Adaptor 12" pipe, 304SS | \$5,946 | |

See Notes Page VT-29 (Page 53)

16½", 20" & 24½" RAGB use same head flange



14" Discharge Heads & Head Shafts, Column Adaptors



| Head Size | Discharge Head Description | | |
|-----------|----------------------------|-------------------|-------|
| | Order Numbers | Item descriptions | Price |

| 14" x 24½" | 14" Fabricated Steel Discharge head, 24½" mounting with 1-1/2" packing box | | | |
|------------|----------------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| (2) | DA-350-24-38W-1F-1000 | Water Lube surface discharge | \$25,082 | Select type |
| | DA-350-24-38O-1F-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$29,279 | |
| | HSA-STD3 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,150 | Select material |
| | HSA-3163 | 1-1/2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,208 | |
| | DHCPA-STD6 | Flanged Column Pipe Adaptor 14" pipe, steel | \$3,496 | Select material |
| | DHCPA-SS6 | Flanged Column Pipe Adaptor 14" pipe, 304SS | \$6,555 | |

| 14" x 24½" | 14" Fabricated Steel Discharge head, 24½" mounting with 1-3/4" packing box | | | |
|------------|----------------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| (2) | DA-350-24-45W-1F-1000 | Water Lube surface discharge (Table E flange std) | \$25,082 | Select type |
| | DA-350-24-45O-1F-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$29,279 | |
| | HSA-STD4 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,242 | Select material |
| | HSA-3164 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,300 | |
| | DHCPA-STD6 | Flanged Column Pipe Adaptor 14" pipe, steel | \$3,496 | Select material |
| | DHCPA-SS6 | Flanged Column Pipe Adaptor 14" pipe, 304SS | \$6,555 | |

| 14" x 24½" | 14" Fabricated Steel Discharge head, 24½" mounting with 2" packing box | | | |
|------------|------------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| (2) | DA-350-24-50W-1F-1000 | Water Lube surface discharge (Table E flange std) | \$25,082 | Select type |
| | DA-350-24-50O-1F-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$29,279 | |
| | HSA-STD5 | 2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,392 | Select material |
| | HSA-3165 | 2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,472 | |
| | DHCPA-STD6 | Flanged Column Pipe Adaptor 14" pipe, steel | \$3,496 | Select material |
| | DHCPA-SS6 | Flanged Column Pipe Adaptor 14" pipe, 304SS | \$6,555 | |

See Notes Page VT-29 (Page 53)

16½", 20" & 24½" RAGB use same head flange



16" - 20" Discharge Heads, Head Shafts, Column Adaptors



| Head Size | Discharge Head Description | | Price |
|-----------|----------------------------|-------------------|-------|
| | Order Numbers | Item descriptions | |

| 16" x 24½" | 16" Fabricated Steel Discharge head, 24½" mounting with 1-3/4" packing box | | | |
|------------|----------------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| (2) | DA-400-24-45W-1F-1000 | Water Lube surface discharge (Table E flange std) | \$26,692 | Select type |
| | DA-400-24-45O-1F-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$30,901 | |
| | HSA-STD4 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,242 | Select material |
| | HSA-3164 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,300 | |
| | DHCPA-STD7 | Flanged Column Pipe Adaptor 16" pipe, steel | \$3,496 | Select material |
| | DHCPA-SS7 | Flanged Column Pipe Adaptor 16" pipe, 304SS | POA | |

| 18" x 24½" | 18" Fabricated Steel Discharge head, 24½" mounting with 1-3/4" packing box | | | |
|------------|----------------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| (2) | DA-450-24-45W-1F-1000 | Water Lube surface discharge (Table E flange std) | \$26,692 | Select type |
| | DA-450-24-45O-1F-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$30,901 | |
| | HSA-STD4 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,242 | Select material |
| | HSA-3164 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,300 | |
| | DHCPA-STD8 | Flanged Column Pipe Adaptor 18" pipe, steel | \$5,279 | Select material |
| | DHCPA-SS8 | Flanged Column Pipe Adaptor 18" pipe, 304SS | POA | |

| 18" x 30½" | 18" Fabricated Steel Discharge head, 30½" mounting with 1-3/4" packing box | | | |
|------------|----------------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| (2) | DA-450-31-45W-1F-1000 | Water Lube surface discharge (Table E flange std) | \$31,625 | Select type |
| | DA-450-31-45O-1F-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$34,885 | |
| | HSA-STD4 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,242 | Select material |
| | HSA-3164 | 1-3/4" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,300 | |
| | DHCPA-STD8 | Flanged Column Pipe Adaptor 18" pipe, steel | \$5,279 | Select material |
| | DHCPA-SS8 | Flanged Column Pipe Adaptor 18" pipe, 304SS | POA | |

| 20" x 24½" | 20" Fabricated Steel Discharge head, 24½" mounting with 2" packing box | | | |
|------------|------------------------------------------------------------------------|---------------------------------------------------------|----------|-----------------|
| (2) | DA-500-24-50W-1F-1000 | Water Lube surface discharge (Table E flange std) | \$32,764 | Select type |
| | DA-500-24-50O-1F-1000 | Oil Lube surface discharge, inc 20L oil drip tank/stand | \$36,973 | |
| | HSA-STD5 | 2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,392 | Select material |
| | HSA-3165 | 2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,472 | |
| | DHCPA-STD9 | Flanged Column Pipe Adaptor 20" pipe, steel | \$6,797 | Select material |
| | DHCPA-SS9 | Flanged Column Pipe Adaptor 20" pipe, 304SS | POA | |

| 20" x 30½" | 20" Fabricated Steel Discharge head, 30½" mounting with 2" packing box | | | |
|------------|------------------------------------------------------------------------|---------------------------------------------------|----------|-----------------|
| (2) | DA-500-31-50W-1F-1000 | Water Lube surface discharge (Table E flange std) | \$32,959 | Select type |
| | DA-500-31-50O-1F-1000 | Oil Lube surface discharge | \$37,157 | |
| | HSA-STD5 | 2" Head Shaft Assy cw key, screw, nut hd, 431SS | \$1,392 | Select material |
| | HSA-3165 | 2" Head Shaft Assy cw key, screw, nut hd, 316SS | \$1,472 | |
| | DHCPA-STD9 | Flanged Column Pipe Adaptor 14" pipe, steel | \$6,797 | Select material |
| | DHCPA-SS9 | Flanged Column Pipe Adaptor 14" pipe, 304SS | POA | |

See Notes Page VT-29 (Page 53)



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Motor Stools and Accessories

Motor Stool and Thrust Bearing Assembly with flexible coupling and Non Reversing Ratchet (NRR) assembly

| Order Number | Limiting Speed (rpm) | Thrust Capacity (Max.at Duty Point) (kgf) | Motor Frame size | Maximum Shaft Size (Inches) | Lube | Price |
|-----------------------------------------------------------------|----------------------|-------------------------------------------|------------------|-----------------------------|---------------|----------|
| MSTA-TBA05-xxxx-25I-1-1000 xxxx= motor frame size eg; 112L | | | | | | \$4,930 |
| TBA0.5 | 3,600 | 500 | Up to 112 Frame | 1" | Grease | |
| MSTA-TBA1-xxxx-25I-1-1000 xxxx= motor frame size eg; 160L | | | | | | \$6,150 |
| TBA1 | 3,600 | 750 | 132 to 225 Frame | 1-1/4" | Grease | |
| MSTA-TBA1-xxxx-32I-1-1000 xxxx= motor frame size eg; 160L | | | | | | \$8,190 |
| TBA1B | 3,600 | 1,000 | Up to 280 Frame | 1-1/4" | Grease | |
| MSTA-TBA2-xxxx-38I-1-1000 xxxx= motor frame size eg; 250M | | | | | | \$14,030 |
| TBA2 | 3,600 | 2,000 | Up to 315 Frame | 1-1/2" | Grease or Oil | |
| MSTA-TBA3-xxx-38I-1-1000 xxx= motor frame size eg; 280 | | | | | | \$16,170 |
| TBA 3 | 3,600 | 3,000 | Up to 315 Frame | 2" | Grease or Oil | |
| MSTA-TBA4-xxx-38I-1-1000 xxx= motor frame size eg; 315 | | | | | | \$23,300 |
| TBA4 | 2,000 | 4,000 | Up to 450 Frame | 2-1/4" | Oil | |



The Non Reversing Ratchet (NRR) assembly is fitted to lock the pump shaft and motor shaft together. This assists to overcome reverse flow, possibly due to a failed or leaking check valve if fitted or a draining riser pipe. The NRR comprises a stationary housing with radial curved saw tooth equally distributed and a rotating housing comprising a rotating ring with locking pins which engage when reverse rotation occurs.

Rotation; CCW is standard

Grease Gulf Western Super Blue
Oil Gulf Western Monoil 30
refer to IOM

ACCESSORIES

| Order Number | Description | Price |
|--------------|---------------------------------------------------|----------|
| AM | Airline Depth Gauge. 0-100 metres, 100mm diameter | \$205.00 |
| AM | Airline fittings only | \$50.00 |
| AM | Hand pump | \$80.00 |
| AM | 8mm airline tubing | \$4.75/M |

OILER BOX Assembly

| Order Number | Description | Price |
|--------------|----------------------------------------------------|--------------|
| AM 10036 | 20 litre Oiler Box Tank Assembly with dripper unit | \$2,875 |
| | Stand for Oil Box | inc in above |

Notes:

Refer to motor page for kW to Frame sizes
Thrust bearing capacity is a guide



Electric Motors, Flange Mount B5 - AM Series



| Output kW | Nom Speed | Pole | Ph | V | Size | Flange | Shaft dia (mm) | Model | add -RC | |
|-----------|-----------|------|----|-----|-------|--------|----------------|---------|------------|------------------------|
| | | | | | | | | | Indoor use | Outdoor use |
| | | | | | | | | | Price | Price Rain Cap & Drain |
| 7.5 | 2,920 | 2 | 3 | 400 | 132SA | B5 | 38 | AM11041 | \$1,134 | \$1,465 |
| 11 | 2,950 | 2 | 3 | 400 | 160MA | B5 | 42 | AM11042 | \$1,928 | \$2,474 |
| 15 | 2,950 | 2 | 3 | 400 | 160MB | B5 | 42 | AM11043 | \$2,277 | \$2,822 |
| | 1,470 | 4 | 3 | 400 | 160L | B5 | 42 | AM11044 | \$2,331 | \$2,877 |
| 18.5 | 2,950 | 2 | 3 | 400 | 160L | B5 | 42 | AM11045 | \$2,508 | \$3,054 |
| | 1,470 | 4 | 3 | 400 | 180M | B5 | 48 | AM11046 | \$2,828 | \$3,374 |
| 22 | 2,950 | 2 | 3 | 400 | 180M | B5 | 48 | AM11047 | \$2,960 | \$3,505 |
| | 1,465 | 4 | 3 | 400 | 180L | B5 | 48 | AM11048 | \$3,028 | \$3,574 |
| 30 | 2,955 | 2 | 3 | 400 | 200LA | B5 | 55 | AM11049 | \$3,957 | \$4,608 |
| | 1,480 | 4 | 3 | 400 | 200LA | B5 | 55 | AM11050 | \$4,028 | \$4,680 |
| 37 | 2,955 | 2 | 3 | 400 | 200LA | B5 | 55 | AM11051 | \$4,408 | \$5,060 |
| | 1,475 | 4 | 3 | 400 | 225S | B5 | 60 | AM11052 | \$4,920 | \$5,771 |
| 45 | 2,955 | 2 | 3 | 400 | 225M | B5 | 55 | AM11053 | \$5,120 | \$5,971 |
| | 1,475 | 4 | 3 | 400 | 225M | B5 | 60 | AM11054 | \$5,528 | \$6,380 |
| | 985 | 6 | 3 | 400 | 280S | B5 | 75 | AM11055 | \$8,014 | \$9,214 |
| 55 | 2,970 | 2 | 3 | 400 | 250M | B5 | 60 | AM11056 | \$6,262 | \$7,294 |
| | 1,480 | 4 | 3 | 400 | 250M | B5 | 65 | AM11057 | \$6,640 | \$7,671 |
| | 985 | 6 | 3 | 400 | 280M | B5 | 75 | AM11058 | \$8,968 | \$10,168 |
| 75 | 2,970 | 2 | 3 | 400 | 280S | B5 | 65 | AM11059 | \$7,797 | \$8,997 |
| | 1,480 | 4 | 3 | 400 | 280S | B5 | 75 | AM11060 | \$8,648 | \$9,848 |
| | 980 | 6 | 3 | 400 | 315S* | B5 | 80 | AM11061 | \$16,260 | \$17,900 |
| 90 | 2,970 | 2 | 3 | 400 | 280M | B5 | 65 | AM11062 | \$8,780 | \$9,980 |
| | 1,485 | 4 | 3 | 400 | 280M | B5 | 75 | AM11063 | \$9,588 | \$10,788 |
| | 980 | 6 | 3 | 400 | 315M* | B5 | 80 | AM11064 | \$17,525 | \$19,165 |
| 110* | 2,980 | 2 | 3 | 400 | 315S | B5 | 65 | AM11065 | \$15,942 | \$17,582 |
| | 1,485 | 4 | 3 | 400 | 315S | B5 | 80 | AM11066 | \$15,274 | \$16,914 |
| | 980 | 6 | 3 | 400 | 315LA | B5 | 80 | AM11067 | \$20,388 | \$22,028 |
| 132* | 2,980 | 2 | 3 | 400 | 315M | B5 | 65 | AM11068 | \$17,602 | \$19,242 |
| | 1,485 | 4 | 3 | 400 | 315M | B5 | 80 | AM11069 | \$16,414 | \$18,054 |
| | 980 | 6 | 3 | 400 | 315LB | B5 | 80 | AM11070 | \$23,045 | \$24,685 |
| 160* | 2,980 | 2 | 3 | 400 | 315LA | B5 | 65 | AM11071 | \$18,391 | \$20,031 |
| | 1,485 | 4 | 3 | 400 | 315LA | B5 | 80 | AM11072 | \$18,640 | \$20,280 |
| | 985 | 6 | 3 | 400 | 355MA | B5 | 100 | AM11073 | \$30,365 | \$32,700 |
| 200* | 2,985 | 2 | 3 | 400 | 315LB | B5 | 65 | AM11074 | \$20,231 | \$21,871 |
| | 1,490 | 4 | 3 | 400 | 315LB | B5 | 80 | AM11075 | \$20,800 | \$22,440 |
| | 985 | 6 | 3 | 400 | 355MB | B5 | 100 | AM11076 | \$32,037 | \$34,371 |
| 250* | 2,985 | 2 | 3 | 400 | 355M | B5 | 75 | AM11077 | \$32,097 | \$34,431 |
| | 1,490 | 4 | 3 | 400 | 355M | B5 | 100 | AM11078 | \$31,031 | \$33,365 |
| | 985 | 6 | 3 | 400 | 355LB | B5 | 100 | AM11079 | \$36,268 | \$38,602 |
| 315* | 2,985 | 2 | 3 | 400 | 355LB | B5 | 75 | AM11080 | \$37,045 | \$39,380 |
| | 1,490 | 4 | 3 | 400 | 355LB | B5 | 100 | AM11081 | \$36,062 | \$38,397 |

Notes: All motors mounted vertically should have Rain Cap & Drain plug with price adder
 400V Delta / 690V Star (4kW & above), 380-415V 50 Hz
 Cast Iron construction Mining spec 3ph motors are also available
 S1 continuous duty, amb up to 40°C, Class F insulation, Class B temp rise, IP55 protection
 160 frame and above fitted with one thermistor
 Complies with IE2 MEPS2 of AS/NZS 1359.5:2004 IE3 efficiency available POA
 *For turbines on VSD, motors of 315 & 355 frame size we recommend a Bearing Brush kit be fitted
 Angular contact bearings 315 frame and above to support rotor weight



Electric motors, Foot Mount B3 - AM Series



| Nom Speed | Nom speed | Pole | Ph | V | Size | Flange | Shaft dia (mm) | Model | Price Rain Cap & Drain |
|-----------|-----------|------|----|-----|-------|--------|----------------|---------|------------------------------|
| 7.5 | 2,920 | 2 | 3 | 400 | 132SA | B3 | 38 | AM11000 | \$1,134 |
| 11 | 2,950 | 2 | 3 | 400 | 160MA | B3 | 42 | AM11001 | \$1,928 |
| 15 | 2,950 | 2 | 3 | 400 | 160MB | B3 | 42 | AM11002 | \$2,191 |
| | 1,470 | 4 | 3 | 400 | 160L | B3 | 42 | AM11003 | \$2,240 |
| 18.5 | 2,950 | 2 | 3 | 400 | 160L | B3 | 42 | AM11004 | \$2,411 |
| | 1,470 | 4 | 3 | 400 | 180M | B3 | 48 | AM11005 | \$2,717 |
| 22 | 2,950 | 2 | 3 | 400 | 180M | B3 | 48 | AM11006 | \$2,845 |
| | 1,465 | 4 | 3 | 400 | 180L | B3 | 48 | AM11007 | \$2,911 |
| 30 | 2,955 | 2 | 3 | 400 | 200LA | B3 | 55 | AM11008 | \$3,805 |
| | 1,480 | 4 | 3 | 400 | 200LA | B3 | 55 | AM11009 | \$3,874 |
| 37 | 2,955 | 2 | 3 | 400 | 200LA | B3 | 55 | AM11010 | \$4,240 |
| | 1,475 | 4 | 3 | 400 | 225S | B3 | 60 | AM11011 | \$4,731 |
| 45 | 2,955 | 2 | 3 | 400 | 225M | B3 | 55 | AM11012 | \$4,920 |
| | 1,475 | 4 | 3 | 400 | 225M | B3 | 60 | AM11013 | \$5,317 |
| | 985 | 6 | 3 | 400 | 280S | B3 | 75 | AM11014 | \$7,705 |
| 55 | 2,970 | 2 | 3 | 400 | 250M | B3 | 60 | AM11015 | \$6,022 |
| | 1,480 | 4 | 3 | 400 | 250M | B3 | 65 | AM11016 | \$6,382 |
| | 985 | 6 | 3 | 400 | 280M | B3 | 75 | AM11017 | \$8,622 |
| 75 | 2,970 | 2 | 3 | 400 | 280S | B3 | 65 | AM11018 | \$7,494 |
| | 1,480 | 4 | 3 | 400 | 280S | B3 | 75 | AM11019 | \$8,317 |
| | 980 | 6 | 3 | 400 | 315S* | B3 | 80 | AM11020 | \$15,634 |
| 90 | 2,970 | 2 | 3 | 400 | 280M | B3 | 65 | AM11021 | \$8,442 |
| | 1,485 | 4 | 3 | 400 | 280M | B3 | 75 | AM11022 | \$9,217 |
| | 980 | 6 | 3 | 400 | 315M* | B3 | 80 | AM11023 | \$16,848 |
| 110* | 2,980 | 2 | 3 | 400 | 315S | B3 | 65 | AM11024 | \$15,325 |
| | 1,485 | 4 | 3 | 400 | 315S | B3 | 80 | AM11025 | \$14,688 |
| | 980 | 6 | 3 | 400 | 315LA | B3 | 80 | AM11026 | \$19,605 |
| 132* | 2,980 | 2 | 3 | 400 | 315M | B3 | 65 | AM11027 | \$16,925 |
| | 1,485 | 4 | 3 | 400 | 315M | B3 | 80 | AM11028 | \$15,780 |
| | 980 | 6 | 3 | 400 | 315LB | B3 | 80 | AM11029 | \$22,157 |
| 160* | 2,980 | 2 | 3 | 400 | 315LA | B3 | 65 | AM11030 | \$17,685 |
| | 1,485 | 4 | 3 | 400 | 315LA | B3 | 80 | AM11031 | \$17,922 |
| | 985 | 6 | 3 | 400 | 355MA | B3 | 100 | AM11032 | \$29,200 |
| 200* | 2,985 | 2 | 3 | 400 | 315LB | B3 | 65 | AM11033 | \$19,454 |
| | 1,490 | 4 | 3 | 400 | 315LB | B3 | 80 | AM11034 | \$20,000 |
| | 985 | 6 | 3 | 400 | 355MB | B3 | 100 | AM11035 | \$30,805 |
| 250* | 2,985 | 2 | 3 | 400 | 355M | B3 | 75 | AM11036 | \$30,857 |
| | 1,490 | 4 | 3 | 400 | 355M | B3 | 100 | AM11037 | \$29,837 |
| | 985 | 6 | 3 | 400 | 355LB | B3 | 100 | AM11038 | \$34,874 |
| 315* | 2,985 | 2 | 3 | 400 | 355LB | B3 | 75 | AM11039 | \$35,620 |
| | 1,490 | 4 | 3 | 400 | 355LB | B3 | 100 | AM11040 | \$34,674 |

Notes: 400V Delta / 690V Star (4kW & above), 380-415V 50 Hz

Cast Iron construction

S1 continuous duty, amb up to 40°C, Class F insulation, Class B Mining spec 3ph motors are also available

Frame size 80 to 280 are fitted with detachable multi mount feet

160 frame and above fitted with one thermistor

Complies with IE2 MEPS2 of AS/NZS 1359.5:2004

IE3 efficiency available POA

*For turbines on VSD, motors of 315 & 355 frame size we recommend a Bearing Brush kit be fitted



Right Angle Turbine Pump Drive



SPEED DECREASERS

| Model | | 11:10 ratio | | 6:5 ratio | | 5:4 ratio | |
|-------|------------|--------------|-----------|--------------|-----------|--------------|----------|
| HP | NEMA FL OD | Order number | Price | Order number | Price | Order number | Price |
| 30 | 10" | NA | NA | AM11557 | \$10,660 | NA | NA |
| 40A | 12" | NA | NA | AM11558 | \$15,945 | NA | NA |
| 60A | 16½" | AM11573 | \$13,345 | AM11559 | \$13,345 | AM11549 | \$13,345 |
| 80A | 16½" | AM11574 | \$14,905 | AM11560 | \$14,905 | AM11550 | \$14,905 |
| 100A | 16½" | AM11575 | \$14,995 | AM11561 | \$14,995 | AM11551 | \$14,995 |
| 125A | 16½" | AM11576 | \$16,035 | AM11562 | \$16,035 | AM11552 | \$16,035 |
| 150A | 16½" | AM11577 | \$19,585 | AM11563 | \$19,585 | AM11553 | \$24,265 |
| 200A | 20" | AM11578 | \$26,955 | AM11564 | \$25,045 | | |
| 250 | 20" | AM11579 | \$45,415 | AM11565 | \$37,960 | AM11554 | \$44,200 |
| 300 | 20" | AM11580 | \$52,640 | AM11566 | \$44,335 | AM11555 | \$51,240 |
| 350 | 20" | AM11581 | \$64,120 | AM11567 | \$52,080 | AM11556 | \$60,105 |
| 450A | 24½" | AM11582 | \$85,775 | AM11568 | \$84,000 | x | |
| 500A | 24½" | AM11583 | \$94,175 | AM11569 | \$88,015 | x | |
| 600A | 24½" | AM11584 | \$107,240 | AM11570 | \$101,175 | x | |
| 750A | 24½" | AM11585 | \$160,815 | AM11571 | \$145,695 | NA | NA |
| 1000G | 30½" | AM11586 | \$215,135 | AM11572 | \$203,280 | x | |

| Model | | 4:3 ratio | | 3:2 ratio | | 7:4 ratio | |
|-------|------------|--------------|-----------|--------------|-----------|--------------|----------|
| HP | NEMA FL OD | Order number | Price | Order number | Price | Order number | Price |
| 30 | 10" | AM11534 | \$10,660 | AM11518 | \$13,085 | NA | NA |
| 40A | 12" | AM11535 | \$15,945 | AM11519 | \$14,995 | x | |
| 60A | 16½" | AM11536 | \$13,345 | AM11520 | \$15,080 | AM11514 | \$16,815 |
| 80A | 16½" | AM11537 | \$14,905 | AM11521 | \$16,725 | AM11515 | \$17,335 |
| 100A | 16½" | AM11538 | \$14,995 | AM11522 | \$16,900 | AM11516 | \$17,505 |
| 125A | 16½" | AM11539 | \$16,035 | AM11523 | \$17,940 | x | |
| 150A | 16½" | AM11540 | \$19,585 | AM11524 | \$20,455 | x | |
| 200A | 20" | AM11541 | \$25,045 | AM11525 | \$28,425 | AM11517 | \$29,035 |
| 250 | 20" | AM11542 | \$37,960 | AM11526 | \$43,160 | x | |
| 300 | 20" | AM11543 | \$44,335 | AM11527 | \$49,935 | x | |
| 350 | 20" | AM11544 | \$52,080 | AM11528 | \$58,705 | x | |
| 450A | 24½" | AM11545 | \$83,910 | AM11529 | \$82,505 | x | |
| 500A | 24½" | AM11546 | \$84,095 | AM11530 | \$94,080 | x | |
| 600A | 24½" | AM11547 | \$103,135 | AM11531 | \$89,790 | x | |
| 750A | 24½" | AM11548 | \$148,495 | AM11532 | \$114,990 | x | |
| 1000G | 30½" | x | | AM11533 | \$215,135 | x | |

Example of ratios;
 4:3 ratio would have a horizontal speed (engine) divided by 1.33 (4/3) to obtain the vertical speed (pump)
 4:3 ratio example: engine at 2200 rpm, pump/motor at 1654 rpm



Right Angle Turbine Pump Drive



SPEED DECREASERS

| Model | | 2:1 ratio | | 5:2 ratio | | Special ratios | |
|-------|------------|--------------|----------|--------------|----------|-------------------------|----------|
| HP | NEMA FL OD | Order number | Price | Order number | Price | Order number | Price |
| 30 | 10" | NA | NA | NA | NA | 3:1 ratio | |
| 40A | 12" | x | | NA | NA | P3-31 | \$31,125 |
| 60A | 16½" | AM11506 | \$16,815 | AM11500 | \$16,815 | P5-31 | \$43,570 |
| 80A | 16½" | AM11507 | \$17,335 | AM11501 | \$17,335 | | |
| 100A | 16½" | AM11508 | \$17,505 | AM11502 | \$17,505 | 3.5:1 ratio | |
| 125A | 16½" | NA | NA | NA | NA | P3-351 | \$31,125 |
| 150A | 16½" | AM11509 | \$24,265 | x | | P5-351 | \$43,570 |
| 200A | 20" | AM11510 | \$29,035 | x | | | |
| 250 | 20" | AM11511 | \$46,625 | x | \$46,625 | 4:1 ratio | |
| 300 | 20" | AM11512 | \$54,225 | AM11504 | \$54,230 | P3-41 | \$31,125 |
| 350 | 20" | AM11513 | \$61,975 | AM11505 | \$61,975 | P5-41 | \$43,570 |
| 450A | 24½" | CF | CF | CF | CF | Special Rotation | |
| 500A | 24½" | CF | CF | NA | NA | P3-SR | \$2,320 |
| 600A | 24½" | CF | CF | CF | CF | P5-SR | \$3,060 |
| 750A | 24½" | CF | CF | NA | NA | | |
| 1000G | 30½" | NA | NA | NA | NA | | |

| Model | | Special Rotation | | Standard rotation is: CW horiz and CCW vertical | Angle Installation | |
|-------|------------|------------------|-------------|----------------------------------------------------------------------------------------------------------|--------------------|-------------|
| HP | NEMA FL OD | Order number | Price ADDER | | Order number | Price ADDER |
| 30 | 10" | 30SR | \$845 | Special rotations are: CW horiz and CW vert CCW horiz and CCW vert CCW horiz and CW vert | 30AI | NA |
| 40A | 12" | 40SR | \$845 | | 40AI | NA |
| 60A | 16½" | 60SR | \$1,215 | | 60AI | \$910 |
| 80A | 16½" | 80SR | \$1,215 | | 80AI | \$910 |
| 100A | 16½" | 100SR | \$1,215 | | 100AI | \$910 |
| 125A | 16½" | 125SR | \$1,215 | | 125AI | \$910 |
| 150A | 16½" | 150SR | \$1,215 | | 150AI | \$910 |
| 200A | 20" | 200SR | \$1,635 | | 200AI | \$1,320 |
| 250 | 20" | 250SR | \$1,635 | | 250AI | \$1,320 |
| 300 | 20" | 300SR | \$1,635 | | 300AI | \$1,320 |
| 350 | 20" | 350SR | \$1,635 | | 350AI | \$1,320 |
| | | | | | P3AI-P5AI | no adder |

Notes:

Cooling coils standard (AU) on all models except 30 series
 *Finned cooling coils in oil sump, to be connected to water flow
 Non reverse clutches are standard on all gear box drives
 2:1 ratio would have a horizontal speed (engine) divided by 0.50 (2/1) to obtain the vertical speed (pump)
 2:1 ratio example: engine at 2200 rpm, pump/motor at 1100 rpm
 Standard rotation is CW horizontal and CCW vertical
 CW = clockwise, CCW = counter clockwise



Right Angle Turbine Pump Drive



SPEED INCREASERS

| Model | | 1:1 ratio | | 10:11 ratio | | 5:6 ratio | |
|-------|------------|--------------|-----------|--------------|-----------|--------------|-----------|
| HP | NEMA FL OD | Order number | Price | Order number | Price | Order number | Price |
| 30 | 10" | AM11587 | \$9,535 | NA | NA | AM11615 | \$10,660 |
| 40A | 12" | AM11588 | \$12,915 | NA | NA | AM11616 | \$15,945 |
| 60A | 16½" | AM11589 | \$13,345 | AM11603 | \$15,945 | AM11617 | \$15,600 |
| 80A | 16½" | AM11590 | \$14,905 | AM11604 | \$16,555 | AM11618 | \$17,160 |
| 100A | 16½" | AM11591 | \$14,995 | AM11605 | \$16,640 | AM11619 | \$16,900 |
| 125A | 16½" | AM11592 | \$16,035 | AM11606 | \$17,940 | AM11620 | \$16,985 |
| 150A | 16½" | AM11593 | \$19,585 | AM11607 | \$20,020 | AM11621 | \$21,840 |
| 200A | 20" | AM11594 | \$23,660 | AM11608 | \$23,660 | AM11622 | \$26,695 |
| 250 | 20" | AM11595 | \$37,960 | AM11609 | \$45,325 | AM11623 | \$45,415 |
| 300 | 20" | AM11596 | \$44,335 | AM11610 | \$51,240 | AM11624 | \$52,640 |
| 350 | 20" | AM11597 | \$52,080 | AM11611 | \$58,985 | AM11625 | \$64,120 |
| 450A | 24½" | AM11598 | \$72,055 | x | | AM11626 | \$86,150 |
| 500A | 24½" | AM11599 | \$74,670 | AM11612 | \$87,735 | AM11627 | \$92,400 |
| 600A | 24½" | AM11600 | \$91,000 | x | | AM11628 | \$102,390 |
| 750A | 24½" | AM11601 | \$145,695 | AM11613 | \$163,895 | AM11629 | \$153,350 |
| 1000G | 30½" | AM11602 | \$188,720 | AM11614 | \$217,190 | AM11630 | \$250,320 |

| Model | | 3:4 ratio | | 2:3 ratio | | 4:7 ratio | |
|-------|------------|--------------|----------|--------------|----------|--------------|----------|
| HP | NEMA FL OD | Order number | Price | Order number | Price | Order number | Price |
| 30 | 10" | AM11631 | \$10,660 | AM11660 | \$10,660 | AM11638 | \$10,660 |
| 40A | 12" | AM11632 | \$15,945 | AM11661 | \$14,995 | AM11639 | \$13,865 |
| 60A | 16½" | AM11633 | \$17,505 | AM11662 | \$16,815 | AM11640 | \$14,560 |
| 80A | 16½" | AM11634 | \$18,635 | AM11663 | \$17,335 | AM11641 | \$15,945 |
| 100A | 16½" | AM11635 | \$18,545 | AM11664 | \$17,505 | AM11642 | \$16,120 |
| 125A | 16½" | AM11636 | \$20,800 | AM11665 | \$20,800 | AM11643 | \$17,680 |
| 150A | 16½" | AM11637 | \$24,265 | AM11666 | \$24,265 | AM11644 | \$24,265 |
| 200A | 20" | x | | AM11667 | \$28,425 | AM11645 | \$29,035 |
| 250 | 20" | x | | AM11668 | \$46,625 | AM11646 | \$46,625 |
| 300 | 20" | x | | AM11669 | \$54,225 | AM11647 | \$54,225 |
| 350 | 20" | x | | AM11670 | \$61,975 | AM11648 | \$61,975 |
| 450A | 24½" | CF | CF | CF | CF | CF | CF |
| 500A | 24½" | CF | CF | CF | CF | CF | CF |
| 600A | 24½" | NA | NA | NA | NA | CF | CF |
| 750A | 24½" | CF | CF | x | | CF | CF |
| 1000G | 30½" | CF | CF | x | | NA | NA |

Example of ratios

4:7 ratio would have a horizontal speed (engine) divided by 0.571 (4/7) to obtain the vertical speed (pump)

4:7 ratio example: engine at 1600 rpm, pump/motor at 2800 rpm



Right Angle Turbine Pump Drive



SPEED INCREASERS

| Model | |
|-------|------------|
| HP | NEMA FL OD |

| 1:2 ratio | |
|--------------|-------|
| Order number | Price |

| Order number | Price |
|--------------|-------|
|--------------|-------|

| Marine option | |
|---------------|-------------|
| Order number | Price ADDER |

| | |
|-------|------|
| 30 | 10" |
| 40A | 12" |
| 60A | 16½" |
| 80A | 16½" |
| 100A | 16½" |
| 125A | 16½" |
| 150A | 16½" |
| 200A | 20" |
| 250 | 20" |
| 300 | 20" |
| 350 | 20" |
| 450A | 24½" |
| 500A | 24½" |
| 600A | 24½" |
| 750A | 24½" |
| 1000G | 30½" |

| | |
|---------|----------|
| AM11649 | \$10,660 |
| AM11650 | \$13,865 |
| AM11651 | \$14,560 |
| AM11652 | \$15,945 |
| AM11653 | \$16,120 |
| AM11654 | \$17,680 |
| AM11655 | \$24,265 |
| AM11656 | \$29,035 |
| AM11657 | \$45,415 |
| AM11658 | \$52,640 |
| AM11659 | \$64,120 |
| x | |
| x | |
| x | |
| NA | NA |
| NA | NA |

| | |
|-------|---------|
| 30MP | \$1,950 |
| 40MP | \$2,025 |
| 60MP | \$2,565 |
| 80MP | \$2,565 |
| 100MP | \$3,690 |
| 125MP | \$3,690 |
| 150MP | \$3,690 |
| 200MP | \$4,505 |
| 250MP | \$4,505 |
| 300MP | \$4,505 |
| 350MP | \$4,505 |

Notes, oil:

For all S350 and under RA gearboxes
 Gearbox oil refill, use ISO 150 hyd oil, non EP
 eg: BP Bartrand 150, Caltex Rando HD150

| Model | |
|-------|------------|
| HP | NEMA FL OD |

| Special Rotation | |
|------------------|-------------|
| Order number | Price ADDER |

| Order number | Price |
|--------------|-------|
|--------------|-------|

| Angle Installation | |
|--------------------|-------------|
| Order number | Price ADDER |

| | |
|------|------|
| 30 | 10" |
| 40A | 12" |
| 60A | 16½" |
| 80A | 16½" |
| 100A | 16½" |
| 125A | 16½" |
| 150A | 16½" |
| 200A | 20" |
| 250 | 20" |
| 300 | 20" |
| 350 | 20" |

| | |
|-------|---------|
| 30SR | \$845 |
| 40SR | \$845 |
| 60SR | \$1,215 |
| 80SR | \$1,215 |
| 100SR | \$1,215 |
| 125SR | \$1,215 |
| 150SR | \$1,215 |
| 200SR | \$1,635 |
| 250SR | \$1,635 |
| 300SR | \$1,635 |
| 350SR | \$1,635 |

Standard rotation is:
 CW horiz and CCW vertical

Special rotations are:
 CW horiz and CW vert
 CCW horiz and CCW vert
 CCW horiz and CW vert

| | |
|-----------|----------|
| 30AI | NA |
| 40AI | NA |
| 60AI | \$910 |
| 80AI | \$910 |
| 100AI | \$910 |
| 125AI | \$910 |
| 150AI | \$910 |
| 200AI | \$1,320 |
| 250AI | \$1,320 |
| 300AI | \$1,320 |
| 350AI | \$1,320 |
| P3AI-P5AI | no adder |

Notes:

Cooling coils standard (AU) on all models except 30 series
 *Finned cooling coils in oil sump, to be connected to water flow
 Non reverse clutches are standard on all gear box drives
 1:2 ratio would have a horizontal speed (engine) divided by 0.5 (1/2) to obtain the vertical speed (pump)
 1:2 ratio example: engine at 1600 rpm, pump/motor at 3200 rpm
 Standard rotation is CW horizontal and CCW vertical
 CW = clockwise, CCW = counter clockwise



TS series - 5" submersible pump ends



5" 40 m³/h

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-----------|----------|------|-------|------|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/SS/SS | ZFB/SS/SS | SS/SS/SS |
| TS-540/5 | 5 | 3" | 5.5 | 7.5 | 6" | \$6,130 | POA | POA |
| TS-540/7 | 7 | 3" | 7.5 | 10 | 6" | \$8,165 | | |
| TS-540/9 | 9 | 3" | 9.3 | 12.5 | 6" | \$10,201 | | |
| TS-540/11 | 11 | 3" | 11 | 15 | 6" | \$12,236 | | |
| TS-540/14 | 14 | 3" | 15 | 20 | 6" | \$15,295 | | |
| TS-540/18 | 18 | 3" | 18.5 | 25 | 6" | \$19,378 | | |
| TS-540/21 | 21 | 3" | 22 | 30 | 6" | \$22,425 | | |
| TS-540/25 | 25 | 3" | 26 | 35 | 6" | \$26,508 | | |
| TS-540/29 | 29 | 3" | 30 | 40 | 6" | \$30,579 | | |
| TS-540/36 | 36 | 3" | 37 | 50 | 6" | \$37,720 | | |
| TS-540/44 | 44 | 3" | 45 | 60 | 6" | \$45,874 | | |

Note*: the TS-540 is supplied without a Check Valve.

Notes:

Pump OD 1 x cable guard: TS540 = 135mm

Submersible Turbine Pumps have built in check valves unless noted

Pump and motors supplied seperately, can be coupled together for additional price

Material build options: Nickel Alum Bronze, Duplex & Super Duplex stainless steel, Zeron 100



TS series - 6" submersible pump ends



| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-----------|----------|------|-------|------|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| 1-20 stg | | | | | | | | |
| CI/ZFB/SS | | | | | | | | |
| TS-640/5 | 5 | 3" | 5.5 | 7.5 | 6" | \$5,854 | NA | NA |
| TS-640/6 | 6 | 3" | 7.5 | 10 | 6" | \$6,693 | | |
| TS-640/8 | 8 | 3" | 9.3 | 12.5 | 6" | \$8,384 | | |
| TS-640/10 | 10 | 3" | 11 | 15 | 6" | \$10,442 | | |
| TS-640/14 | 14 | 3" | 15 | 20 | 6" | \$13,455 | | |
| TS-640/15 | 15 | 3" | 18.5 | 25 | 6" | \$14,295 | | |
| TS-640/20 | 20 | 3" | 22 | 30 | 6" | \$18,515 | | |

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-----------|----------|------|-------|------|------|-----------------|--------------|--------------------------|
| | Stg | Disc | kW | HP | Size | | | |
| 1-20 stg | | | | | | | | |
| CI/ZFB/SS | | | | | | | | |
| TS-660/2 | 2 | 3" | 5.5 | 7.5 | 6" | \$3,324 | NA | 316SS available mid 2021 |
| TS-660/3 | 3 | 3" | 7.5 | 10 | 6" | \$4,163 | | |
| TS-660/4 | 4 | 3" | 9.3 | 12.5 | 6" | \$5,014 | | |
| TS-660/5 | 5 | 3" | 11 | 15 | 6" | \$5,854 | | |
| TS-660/6 | 6 | 3" | 15 | 20 | 6" | \$6,693 | | |
| TS-660/7 | 7 | 3" | 15 | 20 | 6" | \$7,544 | | |
| TS-660/8 | 8 | 3" | 18.5 | 25 | 6" | \$8,384 | | |
| TS-660/10 | 10 | 3" | 22 | 30 | 6" | \$10,074 | | |
| TS-660/12 | 12 | 3" | 26 | 35 | 6" | \$11,765 | | |
| TS-660/14 | 14 | 3" | 30 | 40 | 6" | \$13,455 | | |

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-----------|----------|------|-------|------|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| 1-20 stg | | | | | | | | |
| CI/SS/SS | | | | | | | | |
| TS-685/2 | 2 | 3" | 5.5 | 7.5 | 6" | \$4,704 | POA | POA |
| TS-685/3 | 3 | 3" | 9.3 | 12.5 | 6" | \$6,314 | | |
| TS-685/4 | 4 | 3" | 11 | 15 | 6" | \$7,912 | | |
| TS-685/5 | 5 | 3" | 15 | 20 | 6" | \$9,511 | | |
| TS-685/7 | 7 | 3" | 18.5 | 25 | 6" | \$12,719 | | |
| TS-685/8 | 8 | 3" | 22 | 30 | 6" | \$14,318 | | |
| TS-685/10 | 10 | 3" | 26 | 35 | 6" | \$17,515 | | |
| TS-685/11 | 11 | 3" | 30 | 40 | 6" | \$19,125 | | |
| TS-685/14 | 14 | 3" | 37 | 50 | 6" | \$23,920 | | |
| TS-685/17 | 17 | 3" | 45 | 60 | 6" | \$28,727 | | |

Note*: the TS-685 is supplied without a Check Valve.

Notes:

Pump OD 1 x cable guard: TS640 & TS660 = 145mm. TS685 = 148mm

Pump OD 2 x cable guard: TS640 & TS660 = 148mm. TS685 = 151mm

Submersible Turbine Pumps have built in check valves unless noted

Pump and motors supplied separately, can be coupled together for additional price

Material build options: Nickel Alum Bronze, Duplex & Super Duplex stainless steel, Zeron 100



TS series - 7" submersible pump ends



7" 60 m³/h

1-15 stg

180C

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-----------|----------|------|-------|-----|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/SS/SS | ZFB/SS/SS | SS/SS/SS |
| TS-760/1 | 1 | 4" | 5.5 | 7.5 | 6" | \$4,899 | \$18,308 | \$18,090 |
| TS-760/2 | 2 | 4" | 7.5 | 10 | 6" | \$6,843 | \$24,311 | \$23,644 |
| TS-760/3 | 3 | 4" | 11 | 15 | 6" | \$8,786 | \$30,314 | \$29,210 |
| TS-760/4 | 4 | 4" | 15 | 20 | 6" | \$10,730 | \$36,317 | \$34,765 |
| TS-760/5 | 5 | 4" | 22 | 30 | 6" | \$12,662 | \$42,309 | \$40,319 |
| TS-760/6 | 6 | 4" | 26 | 35 | 6" | \$14,605 | \$48,312 | \$45,885 |
| TS-760/7 | 7 | 4" | 30 | 40 | 6" | \$16,549 | \$54,315 | \$51,440 |
| TS-760/9 | 9 | 4" | 37 | 50 | 6" | \$18,492 | \$66,309 | \$62,560 |
| TS-760/11 | 11 | 4" | 45 | 60 | 6" | \$24,311 | \$78,304 | \$73,681 |

7" 100 m³/h

1-10 stg

180MC

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-----------|----------|------|-------|------|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/SS/SS | ZFB/SS/SS | SS/SS/SS |
| TS-7100/1 | 1 | 4" | 9.3 | 12.5 | 6" | \$5,716 | \$18,308 | \$18,090 |
| TS-7100/2 | 2 | 4" | 18.5 | 25 | 6" | \$7,924 | \$24,311 | \$23,644 |
| TS-7100/3 | 3 | 4" | 26 | 35 | 6" | \$10,132 | \$30,314 | \$29,210 |
| TS-7100/4 | 4 | 4" | 37 | 50 | 6" | \$12,340 | \$36,317 | \$34,765 |
| TS-7100/5 | 5 | 4" | 45 | 60 | 6" | \$14,559 | \$42,309 | \$40,319 |

Notes:

Pump OD 1 x cable guard; TS760 = 180mm. TS7100 = 190mm

Pump OD 2 x cable guard; TS760 = 185mm. TS7100 = 193mm

Submersible Turbine Pumps have built in check valves unless noted

Pump and motors supplied separately, can be coupled together for additional price

Material build options: Nickel Alum Bronze, Duplex & Super Duplex stainless steel, Zeron 100

Discharge; BSP or Flanged with counter flange

TS-772 models retired early 2021



TS series - 8" submersible pump ends



8" 90 m³/h

1-15 stg

200-800

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-----------|----------|------|-------|-----|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/ZFB/SS | SS/SS/SS | |
| TS-890/1 | 1 | 6" | 7.5 | 10 | 6" | \$3,393 | NA | \$12,432 |
| TS-890/2 | 2 | 6" | 11 | 15 | 6" | \$4,750 | | \$13,081 |
| TS-890/3 | 3 | 6" | 18.5 | 25 | 6" | \$6,107 | | \$16,480 |
| TS-890/4 | 4 | 6" | 22 | 30 | 6" | \$7,464 | | \$19,872 |
| TS-890/6 | 6 | 6" | 37 | 50 | 6" | \$10,166 | | \$26,669 |
| TS-890/8 | 8 | 6" | 45 | 60 | 6" | \$12,880 | | \$33,465 |
| TS-890/10 | 10 | 6" | 55 | 75 | 8" | \$15,583 | | \$40,250 |
| TS-890/13 | 13 | 6" | 75 | 100 | 8" | \$19,642 | | \$50,451 |



8" 150 m³/h

1-10 stg

200-1500

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-----------|----------|------|-------|-----|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/ZFB/SS | SS/SS/SS | |
| TS-8150/1 | 1 | 6" | 15 | 20 | 6" | \$3,393 | NA | \$9,683 |
| TS-8150/2 | 2 | 6" | 22 | 30 | 6" | \$4,750 | | \$13,076 |
| TS-8150/3 | 3 | 6" | 37 | 50 | 6" | \$6,107 | | \$16,480 |
| TS-8150/4 | 4 | 6" | 45 | 60 | 6" | \$7,464 | | \$19,872 |
| TS-8150/5 | 5 | 6" | 55 | 75 | 6" | \$8,809 | | \$23,270 |
| TS-8150/6 | 6 | 6" | 75 | 100 | 8" | \$10,166 | | \$26,669 |



Notes:

Pump OD 1 x cable guard; TS890 = 196mm. TS8150 = 200mm

Pump OD 2 x cable guard; TS890 = 198mm. TS8150 = 205mm

Submersible Turbine Pumps have built in check valves unless noted

Pump and motors supplied separately, can be coupled together for additional price

Material build options: Nickel Alum Bronze, Duplex & Super Duplex stainless steel, Zeron 100

Discharge; BSP or Flanged with counter flange



TS series - 8" submersible pump ends



8" 200 m³/h

| Model | Pump end | | 1-10 stg Motor | | | Cast Iron Price | Bronze Price | 200E 316SS Price |
|-----------|----------|------|----------------|-----|------|-----------------|--------------|------------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | | CI/SS/SS | ZFB/SS/SS |
| TS-8200/1 | 1 | 6" | 15 | 20 | 6" | \$7,809 | \$13,352 | \$13,099 |
| TS-8200/2 | 2 | 6" | 30 | 40 | 6" | \$9,971 | \$17,906 | \$17,469 |
| TS-8200/3 | 3 | 6" | 45 | 60 | 6" | \$12,133 | \$22,471 | \$21,839 |
| TS-8200/4 | 4 | 6" | 55 | 75 | 8" | \$14,295 | \$27,037 | \$26,209 |
| TS-8200/5 | 5 | 6" | 75 | 100 | 8" | \$16,457 | \$31,591 | \$30,579 |
| TS-8200/7 | 7 | 6" | 93 | 125 | 8" | \$20,781 | \$40,722 | \$39,307 |

8" 230 m³/h

| Model | Pump end | | 1-10 stg Motor | | | Cast Iron Price | Bronze Price | 190H 316SS Price |
|-----------|----------|------|----------------|-----|------|-----------------|--------------|------------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | | CI/SS/SS | ZFB/SS/SS |
| TS-8230/1 | 1 | 6" | 15 | 20 | 6" | \$6,601 | \$16,020 | \$15,525 |
| TS-8230/2 | 2 | 6" | 30 | 40 | 6" | \$9,005 | \$21,057 | \$19,366 |
| TS-8230/3 | 3 | 6" | 45 | 60 | 6" | \$11,408 | \$26,105 | \$23,196 |
| TS-8230/4 | 4 | 6" | 55 | 60 | 6" | \$13,087 | \$29,532 | \$27,037 |
| TS-8230/5 | 5 | 6" | 75 | 100 | 8" | \$16,204 | \$36,202 | \$30,866 |
| TS-8230/6 | 6 | 6" | 93 | 125 | 8" | \$18,607 | \$41,251 | \$34,696 |
| TS-8230/7 | 7 | 6" | 110 | 150 | 8" | \$21,011 | \$46,299 | \$38,537 |

Notes:

Pump OD 1 x cable guard; TS8200 & TS8230 = 200mm

Pump OD 2 x cable guard; TS8200 & TS8230 = 205mm

Submersible Turbine Pumps have built in check valves unless noted

Pump and motors supplied separately, can be coupled together for additional price

Material build options: Nickel Alum Bronze, Duplex & Super Duplex stainless steel, Zeron 100

Discharge; BSP or Flanged with counter flange



TS series - 10" submersible pump ends



10" 250 m³/h

1-10 stg

240C

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|------------|----------|------|-------|-----|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/SS/SS | ZFB/SS/SS | SS/SS/SS |
| TS-10250/1 | 1 | 6" | 30 | 40 | 6" | \$8,786 | \$23,782 | \$21,333 |
| TS-10250/2 | 2 | 6" | 55 | 75 | 8" | \$11,558 | \$31,062 | \$28,118 |
| TS-10250/3 | 3 | 6" | 75 | 100 | 8" | \$14,318 | \$31,062 | \$34,914 |
| TS-10250/4 | 4 | 6" | 110 | 130 | 8" | \$17,089 | \$45,621 | \$41,711 |
| TS-10250/5 | 5 | 6" | 132 | 175 | 10" | \$19,849 | \$52,900 | \$48,507 |
| TS-10250/6 | 6 | 6" | 150 | 200 | 10" | \$22,621 | \$60,180 | \$55,304 |
| TS-10250/7 | 7 | 6" | 185 | 250 | 10" | \$25,381 | \$67,459 | \$62,089 |

10" 280 m³/h

1-10 stg

240SE

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|------------|----------|------|-------|-----|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/SS/SS | ZFB/SS/SS | SS/SS/SS |
| TS-10280/1 | 1 | 6" | 37 | 50 | 6" | \$8,786 | \$23,782 | \$21,333 |
| TS-10280/2 | 2 | 6" | 75 | 100 | 8" | \$11,558 | \$31,062 | \$28,118 |
| TS-10280/3 | 3 | 6" | 110 | 125 | 8" | \$14,318 | \$38,341 | \$34,914 |
| TS-10280/4 | 4 | 6" | 132 | 175 | 10" | \$17,089 | \$45,621 | \$41,711 |
| TS-10280/5 | 5 | 6" | 150 | 200 | 10" | \$19,849 | \$52,900 | \$48,507 |

10" 350 m³/h

1-10 stg

240E

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|------------|----------|------|-------|-----|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/SS/SS | ZFB/SS/SS | SS/SS/SS |
| TS-10350/1 | 1 | 8" | 45 | 60 | 6" | \$8,786 | \$23,782 | \$21,333 |
| TS-10350/2 | 2 | 8" | 93 | 125 | 8" | \$11,558 | \$31,062 | \$28,118 |
| TS-10350/3 | 3 | 8" | 132 | 175 | 10" | \$14,318 | \$38,341 | \$34,914 |
| TS-10350/4 | 4 | 8" | 150 | 200 | 10" | \$17,089 | \$45,621 | \$41,711 |

Notes:

Pump OD 1 x cable guard; TS10250, TS10280 & TS10350 = 255mm

Pump OD 2 x cable guard; TS10250, TS10280 & TS10350 = 263mm

Submersible Turbine Pumps have built in check valves unless noted

Pump and motors supplied separately, can be coupled together for additional price

Material build options: Nickel Alum Bronze, Duplex & Super Duplex stainless steel, Zeron 100

Discharge; 6" BSP or Flanged with counter flange, 8" Flanged with counter flange



TS series - 10" & 12" submersible pump ends



10" 400 m³/h *

1-10 stg

250LM

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|------------|----------|------|-------|-----|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/SS/SS | ZFB/SS/SS | SS/SS/SS |
| TS-10400/2 | 2 | 8" | 75 | 100 | 8" | \$13,225 | \$37,364 | \$28,313 |
| TS-10400/3 | 3 | 8" | 93 | 125 | 8" | \$15,939 | \$46,587 | \$33,707 |
| TS-10400/4 | 4 | 8" | 132 | 175 | 10" | \$18,642 | \$55,810 | \$39,100 |
| TS-10400/5 | 5 | 8" | 150 | 200 | 10" | \$21,356 | \$65,033 | \$44,482 |

Pricing available without a Check Valve

replaced TS-10440-240H-Oct 2020

10" 550 m³/h *

1-10 stg

250H

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|------------|----------|------|-------|-----|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/SS/SS | ZFB/SS/SS | SS/SS/SS |
| TS-10550/1 | 1 | 8" | 45 | 60 | 8" | \$10,523 | \$28,152 | \$22,925 |
| TS-10550/2 | 2 | 8" | 93 | 125 | 10" | \$13,225 | \$37,364 | \$28,319 |
| TS-10550/3 | 3 | 8" | 132 | 175 | 10" | \$15,939 | \$46,587 | \$33,707 |
| TS-10550/4 | 4 | 8" | 185 | 250 | 10" | \$18,642 | \$55,810 | \$39,094 |

Pricing available without a Check Valve

12" 650 m³/h

1-4 stg

300RH

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|------------|----------|--------|---------|-----|--------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/SS/SS | ZFB/SS/SS | SS/SS/SS |
| TS-12650/1 | 1 | 8"/10" | 93 | 125 | 8" | \$16,894 | \$37,203 | \$36,260 |
| TS-12650/2 | 2 | 8"/10" | 185 | 250 | 10" | \$21,563 | \$51,762 | \$50,796 |
| TS-12650/3 | 3 | 8"/10" | to suit | | 10" 4p | \$26,226 | \$66,326 | \$65,326 |
| TS-12650/4 | 4 | 8"/10" | to suit | | 10" 4p | \$30,889 | \$80,885 | \$79,856 |

Pricing available without a Check Valve

12" 800 m³/h

1-6 stg

300H

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|------------|----------|--------|-------|-----|--------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| | | | | | | CI/SS/SS | ZFB/SS/SS | SS/SS/SS |
| TS-12804/1 | 1 | 8"/10" | 18.5 | 25 | 8" 4p | \$18,768 | \$38,939 | \$37,950 |
| TS-12804/2 | 2 | 8"/10" | 37 | 60 | 8" 4p | \$23,633 | \$54,165 | \$53,153 |
| TS-12804/3 | 3 | 8"/10" | 55 | 75 | 10" 4p | \$29,141 | \$69,414 | \$68,368 |
| TS-12804/4 | 4 | 8"/10" | 75 | 100 | 10" 4p | \$34,328 | \$84,640 | \$83,571 |

Pricing available without a Check Valve

4 pole, 1450 rpm speed

Notes:

- Pump OD 1 x cable guard; TS10040 = 255mm. TS10550 = 258mm. TS12650 & TS12804 = 312mm
- Pump OD 2 x cable guard; TS10400 = 263mm. TS10550 = 266mm. TS12650 & TS12804 = 320mm
- Submersible Turbine Pumps have built in check valves unless noted
- Pump and motors supplied seperately, can be coupled together for additional price
- Material build options: Nickel Alum Bronze, Duplex & Super Duplex stainless steel, Zeron 100
- Discharge; Flanged with counter flange



TS series - 14" & 16" submersible pump ends



14" 800 m³/h *

1-5 stg

350H

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|------------|----------|------|-------|-----|------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| TS-14804/1 | 1 | 12 | 37 | 50 | 8" | \$22,810 | POA | POA |
| TS-14804/2 | 2 | 12 | 75 | 100 | 10" | \$32,729 | | |
| TS-14804/3 | 3 | 12 | 110 | 150 | 10" | \$42,654 | | |
| TS-14804/4 | 4 | 12 | 150 | 200 | 12" | \$52,567 | | |
| TS-14804/5 | 5 | 12 | 185 | 250 | 12" | POA | | |

4 pole, 1450 rpm speed

No check valve

14" 1000 m³/h

1-2 stg

350SE

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-------------|----------|-------|---------|---------|--------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| TS-141000/1 | 1 | 10" F | 130-220 | 175-300 | 10-12" | NA | NA | \$72,830 |
| TS-141000/2 | 2 | 10" F | 250-400 | 335-535 | 10-12" | | | \$93,426 |

2 pole, 2900 rpm speed

16" 700 m³/h

1-3 stg

400HM

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|------------|----------|-------|-------|-----|--------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| TS-16704/1 | 1 | 14" F | 55 | 75 | 10" 4p | \$29,647 | POA | POA |
| TS-16704/2 | 2 | 14" F | 110 | 150 | 10" 4p | \$40,549 | | |
| TS-16704/3 | 3 | 14" F | 150 | 200 | 12" 4p | \$52,176 | | |

4 pole, 1450 rpm speed

No check valve

Notes:

Pump OD 1 x cable guard;

TS14804 = 370mm. TS141000 = 381mm. TS16704 = 425mm.

Pump OD 2 x cable guard;

TS14804 = 405mm. TS161000 = 420mm. TS16704 = 455mm.

Submersible Turbine Pumps have built in check valves unless noted

Pump and motors supplied separately, can be coupled together for additional price

Material build options: Nickel Alum Bronze, Duplex & Super Duplex stainless steel, Zeron 100

Discharge; Flanged with counter flange



TS series - 18" - 20" submersible pump ends



18" 1000 m³/h

1-3 stg

450D

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-------------|----------|-------|-------|-----|--------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| CI/SS/SS | | | | | | | | |
| TS-181004/1 | 1 | 14" F | 75 | 100 | 10" 4p | \$39,652 | POA | POA |
| TS-181004/2 | 2 | 14" F | 150 | 200 | 12" 4p | \$52,095 | | |
| TS-181004/3 | 3 | 14" F | 220 | 250 | 12" 4p | \$64,550 | | |

4 pole, 1450 rpm speed

No check valve

18" 1100 m³/h

1-3 stg

450NKL

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-------------|----------|-------|-------|-----|--------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| CI/SS/SS | | | | | | | | |
| TS-181104/1 | 1 | 14" F | 93 | 125 | 12" 4p | \$45,828 | POA | \$78,189 |
| TS-181104/2 | 2 | 14" F | 150 | 200 | 12" 4p | \$65,366 | | \$115,932 |
| TS-181104/3 | 3 | 14" F | 250 | 335 | 14" 4p | \$84,905 | | \$153,675 |

4 pole, 1450 rpm speed

No check valve

Notes:

Pump OD 1 x cable guard;
 TS181004 & TS181104 = 470mm.
 Pump OD 2 x cable guard;
 TS181004 & TS181104 = 505mm

20" 1250 m³/h

1-3 stg

500D

| Model | Pump end | | Motor | | | Cast Iron Price | Bronze Price | 316SS Price |
|-------------|----------|-------|---------|-----|--------|-----------------|--------------|-------------|
| | Stg | Disc | kW | HP | Size | | | |
| CI/SS/SS | | | | | | | | |
| TS-201254/1 | 1 | 14" F | 110 | 150 | 14" 4p | POA | NA | POA |
| TS-201254/2 | 2 | 14" F | to suit | | 14" 4p | POA | | POA |
| TS-201254/3 | 3 | 14" F | to suit | | 14" 4p | POA | | POA |

4 pole, 1450 rpm speed

No check valve

Notes:

Pump OD 1 x cable guard;
 TS201254 = 520mm.

Submersible Turbine Pumps have built in check valves unless noted
 Pump and motors supplied seperately, can be coupled together for additional price
 Material build options: Nickel Alum Bronze, Duplex & Super Duplex stainless steel, Zeron 100
 Discharge; Flanged with counter flange



Submersible Riser Main Column



FLANGED x 6 metre lengths with Reduced Flange diameter**

| Column Size (inches) | Reduced flange OD | 6 metres | | Reduced flange OD | 6 metres | |
|----------------------|-------------------|---------------------|---------|-------------------|---------------------|---------|
| | | CARBON STEEL Sch 10 | | | 304 SS Sch 10 | |
| 4" | 160 | SRM-100I-F-1-2-2000 | \$1,080 | 160 | SRM-100I-F-2-2-6000 | \$1,740 |
| 6" | 235 | SRM-150I-F-1-2-2000 | \$1,680 | 235 | SRM-150I-F-2-2-6000 | \$2,540 |
| 8" | 270 | SRM-200I-F-1-2-2000 | \$2,170 | 270 | SRM-200I-F-2-2-6000 | \$3,600 |
| 10" | 336 | SRM-250I-F-1-2-2000 | \$2,740 | 336 | SRM-250I-F-2-2-6000 | \$4,900 |
| 12" | 412 | SRM-300I-F-1-2-2000 | \$3,680 | 412 | SRM-300I-F-2-2-6000 | \$6,220 |

** Available with Table D flanges as option



| Column Size (inches) | Coupling OD | Threaded Sch 40 Steel Pipe 3 metres | | CARBON STEEL Flanged Sch 10 Steel Pipe 3 metres | | |
|----------------------|-------------|-------------------------------------|---------|-------------------------------------------------|---------------------|---------|
| | | Order Number | Price | Order Number | Price | |
| 4" | 127 | SRM-100I-T-1-1-1000 | \$1,080 | 160 | SRM-100I-F-1-2-1000 | \$810 |
| 6" | 188 | SRM-150I-T-1-1-1000 | \$1,260 | 235 | SRM-150I-F-1-2-1000 | \$1,200 |
| 8" | 250 | SRM-200I-T-1-1-1000 | \$1,570 | 270 | SRM-200I-F-1-2-1000 | \$1,470 |
| 10" | 295 | SRM-250I-T-1-1-1000 | \$1,970 | 336 | SRM-250I-F-1-2-1000 | \$1,860 |
| 12" | 360 | SRM-300I-T-1-1-1000 | \$3,360 | 412 | SRM-300I-F-1-2-1000 | \$2,350 |

8 tpi column thread used Steel coupling

| Column Size (inches) | Coupling OD | Threaded* Sch 40 304SS Pipe 3 metres | | 304 STAINLESS STEEL Flanged Sch 10 304SS Pipe 3 metres | | |
|----------------------|-------------|--------------------------------------|---------|--------------------------------------------------------|---------------------|---------|
| | | Order Number | Price | Order Number | Price | |
| 4" | 127 | SRM-100I-T-2-2-1000 | \$1,880 | 160 | SRM-100I-F-2-2-1000 | \$1,220 |
| 6" | 188 | SRM-150I-T-2-2-1000 | \$2,730 | 235 | SRM-150I-F-2-2-1000 | \$1,680 |
| 8" | 250 | SRM-200I-T-2-2-1000 | \$4,920 | 270 | SRM-200I-F-2-2-1000 | \$2,330 |
| 10" | 295 | SRM-250I-T-2-2-1000 | \$7,340 | 336 | SRM-250I-F-2-2-1000 | \$3,120 |
| 12" | 360 | SRM-300I-T-2-2-1000 | \$9,680 | 412 | SRM-300I-F-2-2-1000 | \$4,040 |

8 tpi column thread used 316SS coupling

Notes: Thread 304SS Riser Main column has 316SS coupling, use anti galling paste
 Threaded Steel Riser Main column has steel coupling
 Each flange is notched to allow for submersible cable and air line tube to pass within flange diameter
 Flanged riser column 3M and 6M are supplied with gasket and 1 bolt kits (nuts/bolts/washers)



Inlet Strainers to suit TS



| Size | Order No | Description | Price |
|------|--------------------|---------------------------------------------------|------------|
| 6" | SS-150M-BK-2-1000 | Stainless Steel strainer to suit 5" & 6" turbines | \$840.00 |
| 8" | SS-190H-BK-2-1000 | Stainless Steel strainer to suit 7" & 8" turbines | \$1,180.00 |
| 10" | SS-240E-BK-2-1000 | Stainless Steel strainer to suit 10" turbines | \$1,480.00 |
| 12" | SS-300RH-BK-2-1000 | Stainless Steel strainer to suit 12" turbines | \$1,770.00 |

Sizes 14 " and larger, price on application



W Series - 4" Submersible Pump Ends

4" 5 m³/h (85 lpm)

| Model | Pump end | | | Motor | | | Pump End Price |
|-------|----------|------|--------------|-------|------|-------|----------------|
| | Stages | Disc | OD inc guard | kW | HP | Size | |
| W5/4 | 4 | 1.5" | 101 | 0.37 | 0.5 | 4" | \$403 |
| W5/6 | 6 | 1.5" | 101 | 0.55 | 0.75 | 4" | \$483 |
| W5/8 | 8 | 1.5" | 101 | 0.75 | 1 | 4" | \$575 |
| W5/12 | 12 | 1.5" | 101 | 1.1 | 1.5 | 4" | \$725 |
| W5/17 | 17 | 1.5" | 101 | 1.5 | 2 | 4" | \$932 |
| W5/21 | 21 | 1.5" | 101 | 2.2 | 3 | 4" | \$886 |
| W5/25 | 25 | 1.5" | 101 | 2.2 | 3 | 4" | \$1,265 |
| W5/33 | 33 | 1.5" | 101 | 3 | 4 | 4" | \$1,599 |
| W5/38 | 38 | 1.5" | 101 | 4 | 5.5 | 4" | \$2,714 |
| W5/44 | 44 | 1.5" | 101 | 4 | 5.5 | 4" | \$3,094 |
| W5/52 | 52 | 1.5" | 101/142 | 5.5 | 7.5 | 4"-6" | \$3,588 |



4" 8 m³/h (135 lpm)

| Model | Pump end | | | Motor | | | Pump End Price |
|-------|----------|------|--------------|-------|-----|-------|----------------|
| | Stages | Disc | OD inc guard | kW | HP | Size | |
| W8/5 | 5 | 2" | 101 | 0.75 | 1 | 4" | \$851 |
| W8/7 | 7 | 2" | 101 | 1.1 | 1.5 | 4" | \$1,012 |
| W8/10 | 10 | 2" | 101 | 1.5 | 2 | 4" | \$1,242 |
| W8/12 | 12 | 2" | 101 | 2.2 | 3 | 4" | \$1,380 |
| W8/15 | 15 | 2" | 101 | 2.2 | 3 | 4" | \$1,622 |
| W8/18 | 18 | 2" | 101 | 3 | 4 | 4" | \$1,840 |
| W8/21 | 21 | 2" | 101 | 4 | 5.5 | 4" | \$2,059 |
| W8/25 | 25 | 2" | 101 | 4 | 5.5 | 4" | \$2,381 |
| W8/30 | 30 | 2" | 101 | 5.5 | 7.5 | 4" | \$2,772 |
| W8/37 | 37 | 2" | 101 | 5.5 | 7.5 | 4" | \$3,289 |
| W8/44 | 44 | 2" | 101/142 | 7.5 | 10 | 4"-6" | \$4,393 |
| W8/50 | 50 | 2" | 101/142 | 7.5 | 10 | 4"-6" | \$4,911 |

4" 14 m³/h (240 lpm)

| Model | Pump end | | | Motor | | | Pump End Price |
|--------|----------|------|--------------|-------|-----|-------|----------------|
| | Stages | Disc | OD inc guard | kW | HP | Size | |
| W14/10 | 10 | 2" | 101 | 3 | 4 | 4" | \$2,875 |
| W14/13 | 13 | 2" | 101 | 4 | 5.5 | 4" | \$3,531 |
| W14/18 | 18 | 2" | 101 | 5.5 | 7.5 | 4" | \$4,635 |
| W14/25 | 25 | 2" | 101/142 | 7.5 | 10 | 4"-6" | \$6,164 |

Notes: 304SS construction

W Series pumps can be supplied with motors either Standard or 316SS construction

4" motors available in 2 wire 1 phase to 1.5 kW or 3 wire up to 2.2kW & 3 phase

Pump and motors supplied separately, can be coupled together for additional price

316SS (N) construction available on request, add N to model number

904L (R) construction available on request, add R to model number

Discharge is BSP, NPT available



W Series - 6" Submersible Pump Ends

6" 17 m³/h



| Model | Pump end | | | Motor | | | Pump End |
|--------|----------|------|--------------|-------|------|------|----------|
| | Stages | Disc | OD inc guard | kW | HP | Size | Price |
| W17/1 | 1 | 2.5" | 131 | 0.55 | 0.75 | 4" | \$1,058 |
| W17/2 | 2 | 2.5" | 131 | 1.1 | 1.5 | 4" | \$1,277 |
| W17/3 | 3 | 2.5" | 131 | 2.2 | 3 | 4" | \$1,484 |
| W17/4 | 4 | 2.5" | 131 | 2.2 | 3 | 4" | \$1,691 |
| W17/5 | 5 | 2.5" | 131 | 3 | 4 | 4" | \$1,909 |
| W17/6 | 6 | 2.5" | 131 | 4 | 5.5 | 4" | \$2,116 |
| W17/7 | 7 | 2.5" | 131 | 4 | 5.5 | 4" | \$2,323 |
| W17/8 | 8 | 2.5" | 131 | 5.5 | 7.5 | 4" | \$2,530 |
| W17/9 | 9 | 2.5" | 131 | 5.5 | 7.5 | 4" | \$2,737 |
| W17/10 | 10 | 2.5" | 131 | 5.5 | 7.5 | 4" | \$2,956 |
| W17/11 | 11 | 2.5" | 142 | 7.5 | 10 | 4" | \$3,163 |
| W17/12 | 12 | 2.5" | 142 | 7.5 | 10 | 4" | \$3,370 |
| W17/13 | 13 | 2.5" | 142 | 7.5 | 10 | 4" | \$3,588 |
| W17/14 | 14 | 2.5" | 142 | 9.3 | 12.5 | 6" | \$3,795 |
| W17/15 | 15 | 2.5" | 142 | 9.3 | 12.5 | 6" | \$4,002 |
| W17/16 | 16 | 2.5" | 142 | 9.3 | 12.5 | 6" | \$4,221 |
| W17/17 | 17 | 2.5" | 142 | 9.3 | 12.5 | 6" | \$4,428 |
| W17/18 | 18 | 2.5" | 142 | 11 | 15 | 6" | \$4,129 |
| W17/19 | 19 | 2.5" | 142 | 11 | 15 | 6" | \$4,313 |
| W17/20 | 20 | 2.5" | 142 | 11 | 15 | 6" | \$4,497 |
| W17/22 | 22 | 2.5" | 142 | 15 | 17.5 | 6" | \$5,014 |
| W17/25 | 25 | 2.5" | 142 | 15 | 20 | 6" | \$5,221 |
| W17/26 | 26 | 2.5" | 142 | 15 | 20 | 6" | \$5,394 |
| W17/27 | 27 | 2.5" | 142 | 15 | 20 | 6" | \$5,566 |
| W17/29 | 29 | 2.5" | 142 | 18.5 | 25 | 6" | \$5,923 |
| W17/31 | 31 | 2.5" | 142 | 18.5 | 25 | 6" | \$6,268 |
| W17/33 | 33 | 2.5" | 142 | 18.5 | 25 | 6" | \$6,624 |
| W17/35 | 35 | 2.5" | 142 | 22 | 30 | 6" | \$6,981 |
| W17/37 | 37 | 2.5" | 142 | 22 | 30 | 6" | \$7,326 |
| W17/39 | 39 | 2.5" | 142 | 22 | 30 | 6" | \$7,360 |
| W17/45 | 45 | 2.5" | 175 | 30 | 35 | 6" | \$8,372 |
| W17/48 | 48 | 2.5" | 175 | 30 | 35 | 6" | \$8,878 |
| W17/55 | 55 | 2.5" | 175 | 30 | 35 | 6" | \$9,315 |
| W17/60 | 60 | 2.5" | 175 | 30 | 35 | 6" | \$10,097 |

Notes:

304SS construction
 W series pumps can be supplied with motors either Standard or 316SS construction
 4" motors available in 2 wire 1 phase to 1.5 kW or 3 wire up to 2.2kW & 3 phase
 For two cable guards for 6 Lead motors, diameter increases by 3 mm
 Pump and motors supplied seperately, can be coupled together for additional price
 316SS (N) construction available on request, add N to model number
 904L (R) construction available on request, add R to model number
 Discharge is BSP, NPT available



W Series - 6" Submersible Pump Ends

6" 30 m³/h

| Model | Pump end | | | Motor | | | Pump End |
|--------|----------|------|--------------|-------|------|------|----------|
| | Stages | Disc | OD inc guard | kW | HP | Size | Price |
| W30/2 | 2 | 3" | 131 | 2.2 | 3 | 4" | \$2,116 |
| W30/3 | 3 | 3" | 131 | 3 | 4 | 4" | \$2,427 |
| W30/4 | 4 | 3" | 131 | 4 | 5.5 | 4" | \$3,140 |
| W30/5 | 5 | 3" | 131 | 4 | 5.5 | 4" | \$3,519 |
| W30/6 | 6 | 3" | 131 | 5.5 | 7.5 | 4" | \$3,876 |
| W30/7 | 7 | 3" | 142 | 5.5 | 7.5 | 4" | \$4,232 |
| W30/8 | 8 | 3" | 142 | 7.5 | 10 | 6" | \$4,612 |
| W30/9 | 9 | 3" | 142 | 9.3 | 12.5 | 6" | \$4,957 |
| W30/10 | 10 | 3" | 142 | 9.3 | 12.5 | 6" | \$5,325 |
| W30/11 | 11 | 3" | 142 | 9.3 | 12.5 | 6" | \$5,693 |
| W30/12 | 12 | 3" | 142 | 11 | 15 | 6" | \$6,049 |
| W30/13 | 13 | 3" | 142 | 11 | 15 | 6" | \$6,440 |
| W30/14 | 14 | 3" | 142 | 15 | 20 | 6" | \$6,785 |
| W30/15 | 15 | 3" | 142 | 15 | 20 | 6" | \$7,153 |
| W30/16 | 16 | 3" | 142 | 15 | 20 | 6" | \$7,510 |
| W30/17 | 17 | 3" | 142 | 15 | 20 | 6" | \$7,889 |
| W30/18 | 18 | 3" | 142 | 18.5 | 25 | 6" | \$8,234 |
| W30/19 | 19 | 3" | 142 | 18.5 | 25 | 6" | \$10,028 |
| W30/20 | 20 | 3" | 142 | 18.5 | 25 | 6" | \$10,454 |
| W30/21 | 21 | 3" | 142 | 18.5 | 25 | 6" | \$10,879 |
| W30/22 | 22 | 3" | 142 | 22 | 30 | 6" | \$11,305 |
| W30/23 | 23 | 3" | 142 | 22 | 30 | 6" | \$11,742 |
| W30/24 | 24 | 3" | 142 | 22 | 30 | 6" | \$12,156 |
| W30/25 | 25 | 3" | 142 | 22 | 30 | 6" | \$12,570 |
| W30/26 | 26 | 3" | 142 | 22 | 30 | 6" | \$13,007 |
| W30/27 | 27 | 3" | 142 | 26 | 35 | 6" | \$13,444 |
| W30/28 | 28 | 3" | 142 | 26 | 35 | 6" | \$13,869 |
| W30/29 | 29 | 3" | 142 | 26 | 35 | 6" | \$14,283 |
| W30/30 | 30 | 3" | 142 | 26 | 35 | 6" | \$14,720 |
| W30/32 | 32 | 3" | 142 | 30 | 40 | 6" | \$15,560 |
| W30/35 | 35 | 3" | 142 | 30 | 40 | 6" | \$16,848 |
| W30/39 | 39 | 3" | 142 | 37 | 50 | 6" | \$18,584 |
| W30/43 | 43 | 3" | 175 | 37 | 50 | 6" | \$22,149 |
| W30/46 | 46 | 3" | 190 | 45 | 60 | 6" | \$24,875 |
| W30/49 | 49 | 3" | 190 | 45 | 60 | 6" | \$27,773 |



Notes:

304SS construction

W series pumps can be supplied with motors either Standard or 316SS construction

For two cable guards for 6 Lead motors, diameter increases by 3 mm

Pump and motors supplied separately, can be coupled together for additional price

316SS (N) construction available on request, add N to model number

904L (R) construction available on request, add R to model number

Discharge is BSP, NPT available



W Series - 6" Submersible Pump Ends

6" 46 m³/h



| Model | Pump end | | | Motor | | | Pump End |
|--------|----------|------|--------------|-------|------|------|----------|
| | Stages | Disc | OD inc guard | kW | HP | Size | Price |
| W46/2 | 2 | 4" | 146 | 3 | 4 | 4" | \$2,806 |
| W46/3 | 3 | 4" | 146 | 5.5 | 7.5 | 4" | \$3,209 |
| W46/4 | 4 | 4" | 148 | 7.5 | 10 | 6" | \$3,577 |
| W46/5 | 5 | 4" | 148 | 7.5 | 10 | 6" | \$3,404 |
| W46/6 | 6 | 4" | 148 | 9.3 | 12.5 | 6" | \$3,749 |
| W46/7 | 7 | 4" | 148 | 11 | 15 | 6" | \$4,807 |
| W46/8 | 8 | 4" | 148 | 15 | 20 | 6" | \$5,210 |
| W46/9 | 9 | 4" | 148 | 15 | 20 | 6" | \$5,601 |
| W46/10 | 10 | 4" | 148 | 15 | 20 | 6" | \$5,992 |
| W46/11 | 11 | 4" | 148 | 18.5 | 25 | 6" | \$6,394 |
| W46/12 | 12 | 4" | 148 | 18.5 | 25 | 6" | \$6,797 |
| W46/13 | 13 | 4" | 148 | 22 | 30 | 6" | \$7,199 |
| W46/14 | 14 | 4" | 148 | 22 | 30 | 6" | \$7,590 |
| W46/15 | 15 | 4" | 148 | 22 | 30 | 6" | \$7,970 |
| W46/16 | 16 | 4" | 148 | 26 | 35 | 6" | \$8,372 |
| W46/17 | 17 | 4" | 148 | 26 | 35 | 6" | \$8,763 |
| W46/18 | 18 | 4" | 148 | 30 | 40 | 6" | \$9,143 |
| W46/19 | 19 | 4" | 148 | 30 | 40 | 6" | \$9,557 |
| W46/20 | 20 | 4" | 148 | 30 | 40 | 6" | \$9,948 |
| W46/21 | 21 | 4" | 148 | 37 | 50 | 6" | \$10,350 |
| W46/22 | 22 | 4" | 148 | 37 | 50 | 6" | \$10,753 |
| W46/23 | 23 | 4" | 148 | 37 | 50 | 6" | \$11,132 |
| W46/24 | 24 | 4" | 148 | 37 | 50 | 6" | \$11,546 |
| W46/26 | 26 | 4" | 148 | 45 | 60 | 6" | \$16,066 |
| W46/28 | 28 | 4" | 148 | 45 | 60 | 6" | \$17,170 |
| W46/30 | 30 | 4" | 148 | 45 | 60 | 6" | \$18,274 |
| W46/33 | 33 | 4" | 190 | 55 | 75 | 8" | \$19,930 |
| W46/35 | 35 | 4" | 190 | 55 | 75 | 8" | \$21,034 |
| W46/37 | 37 | 4" | 190 | 75 | 100 | 8" | \$22,138 |

Notes:

304SS construction

W series pumps can be supplied with motors either Standard or 316SS construction

Standard discharge is Rp 4 = 4" BSPF, optional 3" BSPF available

For two cable guards for 6 Lead motors, diameter increases by 3 mm

Pump and motors supplied separately, can be coupled together for additional price

316SS (N) construction available on request, add N to model number

904L (R) construction available on request, add R to model number

Discharge is BSP, NPT available



W Series - 6" Submersible Pump Ends

6" 60 m³/h



| Model | Pump end | | | Motor | | | Pump End |
|--------|----------|------|--------------|-------|------|------|----------|
| | Stages | Disc | OD inc guard | kW | HP | Size | Price |
| W60/1 | 1 | 4" | 146 | 2.2 | 3 | 4" | \$2,519 |
| W60/2 | 2 | 4" | 146 | 4 | 5.5 | 4" | \$2,519 |
| W60/3 | 3 | 4" | 146 | 5.5 | 7.5 | 4" | \$2,887 |
| W60/4 | 4 | 4" | 148 | 7.5 | 10 | 6" | \$3,243 |
| W60/5 | 5 | 4" | 148 | 9.3 | 12.5 | 6" | \$3,588 |
| W60/6 | 6 | 4" | 148 | 11 | 15 | 6" | \$3,933 |
| W60/7 | 7 | 4" | 148 | 15 | 17.5 | 6" | \$4,876 |
| W60/8 | 8 | 4" | 148 | 15 | 20 | 6" | \$5,267 |
| W60/9 | 9 | 4" | 148 | 18.5 | 25 | 6" | \$5,670 |
| W60/10 | 10 | 4" | 148 | 18.5 | 25 | 6" | \$6,072 |
| W60/11 | 11 | 4" | 148 | 22 | 30 | 6" | \$6,463 |
| W60/12 | 12 | 4" | 148 | 22 | 30 | 6" | \$6,854 |
| W60/13 | 13 | 4" | 148 | 26 | 35 | 6" | \$7,245 |
| W60/14 | 14 | 4" | 148 | 26 | 35 | 6" | \$7,648 |
| W60/15 | 15 | 4" | 148 | 26 | 35 | 6" | \$8,039 |
| W60/16 | 16 | 4" | 148 | 30 | 40 | 6" | \$8,441 |
| W60/17 | 17 | 4" | 148 | 30 | 40 | 6" | \$8,844 |
| W60/18 | 18 | 4" | 148 | 37 | 50 | 6" | \$9,235 |
| W60/19 | 19 | 4" | 148 | 37 | 50 | 6" | \$9,637 |
| W60/20 | 20 | 4" | 148 | 37 | 50 | 6" | \$10,017 |
| W60/21 | 21 | 4" | 148 | 37 | 50 | 6" | \$11,937 |
| W60/22 | 22 | 4" | 148 | 45 | 60 | 6" | \$12,432 |

Notes:

304SS construction

W series pumps can be supplied with motors either Standard or 316SS construction

Standard discharge is Rp 4 = 4" BSPF, optional 3" BSPF available

For two cable guards for 6 Lead motors, diameter increases by 3 mm

Pump and motors supplied separately, can be coupled together for additional price

316SS (N) construction available on request, add N to model number

904L (R) construction available on request, add R to model number

Discharge is BSP, NPT available



W Series - 8" Submersible Pump Ends

8" 77 m³/h



| Model | Pump end | | | Motor | | | Pump End |
|--------|----------|------|--------------|-------|-----|------|----------|
| | Stages | Disc | OD inc guard | kW | HP | Size | Price |
| W77/1 | 1 | 4" | 178 | 5.5 | 7.5 | 4" | \$4,704 |
| W77/2 | 2 | 4" | 178 | 7.5 | 10 | 6" | \$5,440 |
| W77/3 | 3 | 4" | 178 | 11 | 15 | 6" | \$6,176 |
| W77/4 | 4 | 4" | 178 | 15 | 20 | 6" | \$6,900 |
| W77/5 | 5 | 4" | 178 | 18.5 | 25 | 6" | \$7,636 |
| W77/6 | 6 | 4" | 178 | 22 | 30 | 6" | \$8,361 |
| W77/7 | 7 | 4" | 178 | 26 | 35 | 6" | \$9,085 |
| W77/8 | 8 | 4" | 178 | 30 | 40 | 6" | \$9,833 |
| W77/9 | 9 | 4" | 178 | 30 | 40 | 6" | \$10,569 |
| W77/10 | 10 | 4" | 178 | 37 | 50 | 6" | \$11,305 |
| W77/11 | 11 | 4" | 178 | 37 | 50 | 6" | \$12,041 |
| W77/12 | 12 | 4" | 178 | 45 | 60 | 6" | \$13,271 |
| W77/13 | 13 | 4" | 200 | 55 | 75 | 8" | \$13,996 |
| W77/14 | 14 | 4" | 200 | 55 | 75 | 8" | \$14,720 |
| W77/15 | 15 | 4" | 200 | 55 | 75 | 8" | \$15,445 |
| W77/16 | 16 | 4" | 200 | 75 | 100 | 8" | \$16,169 |
| W77/17 | 17 | 4" | 200 | 75 | 100 | 8" | \$16,905 |
| W77/18 | 18 | 4" | 200 | 75 | 100 | 8" | \$17,630 |
| W77/19 | 19 | 4" | 200 | 75 | 100 | 8" | \$18,354 |
| W77/20 | 20 | 4" | 200 | 75 | 100 | 8" | \$19,090 |

Notes:

304SS construction

W series pumps can be supplied with motors either Standard or 316SS construction

For two cable guards for 6 Lead motors, diameter increases by 4 mm

Standard discharge is Rp 4 = 4" BSPF, optional 5" BSPF available

Pump and motors supplied separately, can be coupled together for additional price

316SS (N) construction available on request, add N to model number

904L (R) construction available on request, add R to model number

Discharge is BSP, NPT available



W Series - 8" Submersible Pump Ends

8" 95 m³/h



| Model | Pump end | | | Motor | | | Pump End |
|--------|----------|------|--------------|-------|------|------|----------|
| | Stages | Disc | OD inc guard | kW | HP | Size | Price |
| W95/1 | 1 | 6" | 178 | 5.5 | 7.5 | 4" | \$4,382 |
| W95/2 | 2 | 6" | 178 | 9.3 | 12.5 | 6" | \$5,060 |
| W95/3 | 3 | 6" | 178 | 15 | 17.5 | 6" | \$5,727 |
| W95/4 | 4 | 6" | 178 | 18.5 | 25 | 6" | \$6,406 |
| W95/5 | 5 | 6" | 178 | 22 | 30 | 6" | \$7,084 |
| W95/6 | 6 | 6" | 178 | 26 | 35 | 6" | \$7,751 |
| W95/7 | 7 | 6" | 178 | 30 | 40 | 6" | \$8,430 |
| W95/8 | 8 | 6" | 178 | 37 | 50 | 6" | \$9,108 |
| W95/9 | 9 | 6" | 178 | 37 | 50 | 6" | \$11,155 |
| W95/10 | 10 | 6" | 178 | 45 | 60 | 6" | \$11,926 |
| W95/11 | 11 | 6" | 200 | 55 | 75 | 8" | \$12,708 |
| W95/12 | 12 | 6" | 200 | 55 | 75 | 8" | \$13,708 |
| W95/13 | 13 | 6" | 200 | 55 | 75 | 8" | \$14,467 |
| W95/14 | 14 | 6" | 200 | 75 | 85 | 8" | \$15,226 |
| W95/15 | 15 | 6" | 200 | 75 | 100 | 8" | \$15,985 |
| W95/16 | 16 | 6" | 200 | 75 | 100 | 8" | \$16,756 |
| W95/17 | 17 | 6" | 200 | 75 | 100 | 8" | \$17,515 |
| W95/18 | 18 | 6" | 200 | 93 | 125 | 8" | \$18,285 |
| W95/19 | 19 | 6" | 200 | 93 | 125 | 8" | \$19,033 |
| W95/20 | 20 | 6" | 200 | 93 | 125 | 8" | \$19,803 |

Notes:

304SS construction

W series pumps can be supplied with motors either Standard or 316SS construction

For two cable guards for 6 Lead motors, diameter increases by 4 mm

Standard discharge is Rp 6 = "BSPF, optional 5" BSPF available

Pump and motors supplied separately, can be coupled together for additional price

316SS (N) construction available on request, add N to model number

904L (R) construction available on request, add R to model number

Discharge is BSP, NPT available



W Series - 10" Submersible Pump Ends

10" 125 m³/h



| Model | Pump end | | | Motor | | | Pump End |
|------------|----------|------|--------------|-------|------|------|----------|
| | Stages | Disc | OD inc guard | kW | HP | Size | Price |
| W125/1-A | 1 | 6" | 211 | 7.5 | 10 | 6" | \$3,669 |
| W125/1 | 1 | 6" | 211 | 11 | 15 | 6" | \$3,669 |
| W125/2-AA | 2 | 6" | 211 | 15 | 17.5 | 6" | \$4,221 |
| W125/2-A | 2 | 6" | 211 | 18.5 | 25 | 6" | \$4,221 |
| W125/2 | 2 | 6" | 211 | 22 | 30 | 6" | \$4,221 |
| W125/3-AA | 3 | 6" | 211 | 22 | 30 | 6" | \$5,256 |
| W125/3-A | 3 | 6" | 211 | 26 | 35 | 6" | \$5,256 |
| W125/3 | 3 | 6" | 211 | 30 | 40 | 6" | \$5,256 |
| W125/4-AA | 4 | 6" | 211 | 37 | 50 | 6" | \$5,865 |
| W125/4-A | 4 | 6" | 211 | 37 | 50 | 6" | \$5,865 |
| W125/4 | 4 | 6" | 211 | 37 | 50 | 6" | \$5,865 |
| W125/5-AA | 5 | 6" | 213 | 45 | 60 | 6" | \$6,463 |
| W125/5-A | 5 | 6" | 213 | 45 | 60 | 6" | \$6,463 |
| W125/5 | 5 | 6" | 213 | 55 | 75 | 8" | \$6,463 |
| W125/6-AA | 6 | 6" | 213 | 55 | 75 | 8" | \$7,878 |
| W125/6-A | 6 | 6" | 213 | 55 | 75 | 8" | \$7,878 |
| W125/6 | 6 | 6" | 218 | 75 | 100 | 8" | \$7,878 |
| W125/7-AA | 7 | 6" | 218 | 75 | 100 | 8" | \$8,556 |
| W125/7-A | 7 | 6" | 218 | 75 | 100 | 8" | \$8,556 |
| W125/7 | 7 | 6" | 218 | 75 | 100 | 8" | \$8,556 |
| W125/8-AA | 8 | 6" | 218 | 75 | 100 | 8" | \$9,223 |
| W125/8-A | 8 | 6" | 218 | 75 | 100 | 8" | \$9,223 |
| W125/8 | 8 | 6" | 218 | 75 | 100 | 8" | \$8,073 |
| W125/9-AA | 9 | 6" | 218 | 93 | 125 | 8" | \$9,902 |
| W125/9-A | 9 | 6" | 218 | 93 | 125 | 8" | \$9,902 |
| W125/9 | 9 | 6" | 218 | 93 | 125 | 8" | \$9,902 |
| W125/10-AA | 10 | 6" | 218 | 93 | 125 | 8" | \$10,580 |
| W125/10-A | 10 | 6" | 218 | 93 | 125 | 8" | \$10,580 |
| W125/10 | 10 | 6" | 218 | 93 | 125 | 8" | \$10,580 |
| W125/11 | 11 | 6" | 218 | 110 | 150 | 8" | \$11,259 |
| W125/12 | 12 | 6" | 240 | 132 | 175 | 10" | \$11,937 |
| W125/13 | 13 | 6" | 240 | 132 | 175 | 10" | \$12,616 |
| W125/14 | 14 | 6" | 240 | 150 | 200 | 10" | \$13,294 |
| W125/15 | 15 | 6" | 240 | 150 | 200 | 10" | \$13,973 |
| W125/16 | 16 | 6" | 240 | 185 | 250 | 10" | \$14,651 |
| W125/17 | 17 | 6" | 240 | 185 | 250 | 10" | \$15,341 |

Notes:

304SS construction

W series pumps can be supplied with motors either Standard or 316SS construction

For two cable guards for 6 Lead motors, diameter increases by 6 mm

Pump and motors supplied separately, can be coupled together for additional price

316SS (N) construction available on request, add N to model number

904L (R) construction available on request, add R to model number

Discharge is BSP, NPT available



W Series - 10" Submersible Pump Ends

10" 160 m³/h



| Model | Pump end | | | Motor | | | Pump End |
|------------|----------|------|--------------|-------|------|------|----------|
| | Stages | Disc | OD inc guard | kW | HP | Size | Price |
| W160/1-A | 1 | 6" | 211 | 9.3 | 12.5 | 6" | \$3,876 |
| W160/1 | 1 | 6" | 211 | 15 | 17.5 | 6" | \$3,876 |
| W160/2-AA | 2 | 6" | 211 | 18.5 | 25 | 6" | \$4,462 |
| W160/2-A | 2 | 6" | 211 | 22 | 30 | 6" | \$4,462 |
| W160/2 | 2 | 6" | 211 | 30 | 35 | 6" | \$4,462 |
| W160/3-AA | 3 | 6" | 211 | 30 | 40 | 6" | \$5,474 |
| W160/3-A | 3 | 6" | 211 | 37 | 50 | 6" | \$5,474 |
| W160/3 | 3 | 6" | 211 | 37 | 50 | 6" | \$5,474 |
| W160/4-AA | 4 | 6" | 218 | 45 | 60 | 6" | \$6,107 |
| W160/4-A | 4 | 6" | 218 | 45 | 60 | 6" | \$6,107 |
| W160/4 | 4 | 6" | 218 | 55 | 75 | 8" | \$6,107 |
| W160/5-AA | 5 | 6" | 218 | 55 | 75 | 8" | \$6,751 |
| W160/5-A | 5 | 6" | 218 | 55 | 75 | 8" | \$6,751 |
| W160/5 | 5 | 6" | 218 | 75 | 100 | 8" | \$6,751 |
| W160/6-AA | 6 | 6" | 218 | 75 | 100 | 8" | \$7,372 |
| W160/6-A | 6 | 6" | 218 | 75 | 100 | 8" | \$7,372 |
| W160/6 | 6 | 6" | 218 | 75 | 100 | 8" | \$7,372 |
| W160/7-AA | 7 | 6" | 218 | 75 | 100 | 8" | \$8,752 |
| W160/7-A | 7 | 6" | 218 | 93 | 125 | 8" | \$8,752 |
| W160/7 | 7 | 6" | 218 | 93 | 125 | 8" | \$8,752 |
| W160/8-AA | 8 | 6" | 218 | 93 | 125 | 8" | \$9,442 |
| W160/8-A | 8 | 6" | 218 | 93 | 125 | 8" | \$9,442 |
| W160/8 | 8 | 6" | 218 | 93 | 125 | 8" | \$9,442 |
| W160/9-AA | 9 | 6" | 218 | 110 | 150 | 8" | \$10,132 |
| W160/9-A | 9 | 6" | 218 | 110 | 150 | 8" | \$10,132 |
| W160/9 | 9 | 6" | 218 | 110 | 150 | 8" | \$10,132 |
| W160/10-AA | 10 | 6" | 218 | 110 | 150 | 8" | \$10,822 |
| W160/10-A | 10 | 6" | 240 | 132 | 175 | 10" | \$10,822 |
| W160/10 | 10 | 6" | 240 | 132 | 175 | 10" | \$10,822 |
| W160/11 | 11 | 6" | 240 | 132 | 175 | 10" | \$12,662 |
| W160/12 | 12 | 6" | 240 | 150 | 200 | 10" | \$13,432 |
| W160/13 | 13 | 6" | 240 | 185 | 250 | 10" | \$14,191 |
| W160/14 | 14 | 6" | 240 | 185 | 250 | 10" | \$14,962 |
| W160/15 | 15 | 6" | 240 | 185 | 250 | 10" | \$15,721 |

Notes:

304SS construction

W series pumps can be supplied with motors either Standard or 316SS construction

For two cable guards for 6 Lead motors, diameter increases by 6 mm

Pump and motors supplied separately, can be coupled together for additional price

316SS (N) construction available on request, add N to model number

904L (R) construction available on request, add R to model number

Discharge is BSP, NPT available



W Series - 10" Submersible Pump Ends

10" 215 m³/h



| Model | Pump end | | | Motor | | | Pump End |
|------------|----------|------|--------------|-------|-----|------|----------|
| | Stages | Disc | OD inc guard | kW | HP | Size | Price |
| W215/1-A | 1 | 6" | 241 | 15 | 20 | 6" | \$8,062 |
| W215/1 | 1 | 6" | 241 | 18.5 | 25 | 6" | \$8,062 |
| W215/2-AA | 2 | 6" | 241 | 30 | 40 | 6" | \$9,281 |
| W215/2-A | 2 | 6" | 241 | 37 | 50 | 6" | \$9,281 |
| W215/2 | 2 | 6" | 241 | 45 | 60 | 6" | \$9,281 |
| W215/3-AA | 3 | 6" | 241 | 55 | 75 | 8" | \$10,511 |
| W215/3-A | 3 | 6" | 241 | 55 | 75 | 8" | \$10,511 |
| W215/3 | 3 | 6" | 241 | 75 | 100 | 8" | \$10,511 |
| W215/4-AA | 4 | 6" | 241 | 75 | 100 | 8" | \$11,719 |
| W215/4-A | 4 | 6" | 241 | 75 | 100 | 8" | \$11,719 |
| W215/4 | 4 | 6" | 241 | 75 | 100 | 8" | \$11,719 |
| W215/5-AA | 5 | 6" | 241 | 93 | 125 | 8" | \$12,949 |
| W215/5-A | 5 | 6" | 241 | 93 | 125 | 8" | \$12,949 |
| W215/5 | 5 | 6" | 241 | 93 | 125 | 8" | \$12,949 |
| W215/6-AA | 6 | 6" | 241 | 110 | 150 | 8" | \$14,157 |
| W215/6-A | 6 | 6" | 241 | 110 | 150 | 8" | \$14,157 |
| W215/6 | 6 | 6" | 241 | 110 | 150 | 8" | \$14,157 |
| W215/7-AA | 7 | 6" | 241 | 132 | 175 | 10" | \$15,387 |
| W215/7-A | 7 | 6" | 241 | 132 | 175 | 10" | \$15,387 |
| W215/7 | 7 | 6" | 241 | 132 | 175 | 10" | \$15,387 |
| W215/8-AA | 8 | 6" | 241 | 150 | 200 | 10" | \$16,606 |
| W215/8-A | 8 | 6" | 241 | 150 | 200 | 10" | \$16,606 |
| W215/8 | 8 | 6" | 241 | 150 | 200 | 10" | \$16,606 |
| W215/9-AA | 9 | 6" | 276 | 185 | 250 | 10" | \$17,825 |
| W215/9-A | 9 | 6" | 276 | 185 | 250 | 10" | \$17,825 |
| W215/9 | 9 | 6" | 276 | 185 | 250 | 10" | \$17,825 |
| W215/10-AA | 10 | 6" | 276 | 185 | 250 | 10" | \$19,044 |
| W215/10-A | 10 | 6" | 276 | 185 | 250 | 10" | \$19,044 |
| W215/10 | 10 | 6" | 276 | 185 | 250 | 10" | \$19,044 |

Notes:

304SS construction

W series pumps can be supplied with motors either Standard or 316SS construction

For two cable guards for 6 Lead motors, diameter increases by 6 mm

Pump and motors supplied separately, can be coupled together for additional price

316SS (N) construction available on request, add N to model number

904L (R) construction available on request, add R to model number

Discharge is BSP, NPT available



WT Series - 5" Line Shaft Pump Ends

5" 30 m³/h



| Model | Pump end | | Motor kW | Water Lube Price | Oil Lube Price |
|---------|----------|------|----------|------------------|----------------|
| | Stages | Disc | | | |
| WT30/2 | 2 | 3" | 2.2 | \$3,755 | \$5,130 |
| WT30/3 | 3 | 3" | 3 | \$3,965 | \$5,340 |
| WT30/4 | 4 | 3" | 4 | \$4,180 | \$5,550 |
| WT30/5 | 5 | 3" | 4 | \$4,390 | \$5,760 |
| WT30/6 | 6 | 3" | 5.5 | \$4,600 | \$5,970 |
| WT30/7 | 7 | 3" | 5.5 | \$4,810 | \$6,180 |
| WT30/8 | 8 | 3" | 7.5 | \$5,020 | \$6,395 |
| WT30/9 | 9 | 3" | 9.3 | \$5,230 | \$6,605 |
| WT30/10 | 10 | 3" | 9.3 | \$5,445 | \$6,815 |
| WT30/11 | 11 | 3" | 9.3 | \$5,655 | \$7,025 |
| WT30/12 | 12 | 3" | 11 | \$5,865 | \$7,240 |
| WT30/13 | 13 | 3" | 11 | \$6,075 | \$7,450 |
| WT30/14 | 14 | 3" | 15 | \$6,290 | \$7,660 |
| WT30/15 | 15 | 3" | 15 | \$6,500 | \$7,870 |
| WT30/16 | 16 | 3" | 15 | \$6,710 | \$8,080 |
| WT30/17 | 17 | 3" | 15 | \$6,920 | \$8,290 |
| WT30/18 | 18 | 3" | 18.5 | \$7,130 | \$8,500 |
| WT30/19 | 19 | 3" | 18.5 | \$7,340 | \$8,715 |
| WT30/20 | 20 | 3" | 18.5 | \$7,555 | \$8,925 |
| WT30/21 | 21 | 3" | 18.5 | \$7,765 | \$9,135 |
| WT30/22 | 22 | 3" | 22 | \$7,975 | \$9,350 |
| WT30/23 | 23 | 3" | 22 | \$8,185 | \$9,560 |
| WT30/24 | 24 | 3" | 22 | \$8,395 | \$9,770 |
| WT30/25 | 25 | 3" | 22 | \$8,610 | \$9,980 |
| WT30/26 | 26 | 3" | 22 | \$8,820 | \$10,190 |
| WT30/27 | 27 | 3" | 26 | \$9,030 | \$10,400 |
| WT30/28 | 28 | 3" | 26 | \$9,240 | \$10,615 |
| WT30/29 | 29 | 3" | 26 | \$9,450 | \$10,825 |
| WT30/30 | 30 | 3" | 26 | \$9,665 | \$11,035 |
| W30/31 | 31 | 3" | 30 | | |
| WT30/32 | 32 | 3" | 30 | \$9,875 | \$11,245 |
| W30/33 | 33 | 3" | 30 | | |
| W30/34 | 34 | 3" | 30 | | |
| WT30/35 | 35 | 3" | 30 | \$10,085 | \$11,460 |
| WT30/39 | 39 | 3" | 37 | \$10,295 | \$11,670 |
| W30/40 | 40 | 3" | 37 | | |
| WT30/43 | 43 | 3" | 37 | \$10,510 | \$11,880 |
| WT30/46 | 46 | 3" | 45 | \$10,720 | \$12,090 |
| WT30/49 | 49 | 3" | 45 | \$10,930 | \$12,300 |

Column thread
8 tpi

126mm OD
20mm shaft

Notes:

304SS construction

Standard discharge is 3" column thread, 8 tpi

316SS (N) construction available on request, add N onto model number



WT series - 6" Line Shaft Pump Ends

6" 46 m³/h



| Model | Pump end | | Motor kW | Water Lube Price | Oil Lube Price |
|----------|----------|------|----------|------------------|----------------|
| | Stages | Disc | | | |
| W46/2-BB | 2 | 3" | 2.2 | \$2,307 | \$2,307 |
| WT46/2 | 2 | 4" | 3 | \$4,325 | \$5,700 |
| W46/3-C | 3 | 3" | 4 | | |
| WT46/3 | 3 | 4" | 5.5 | \$4,640 | \$6,015 |
| W46/4-C | 4 | 3" | 5.5 | | |
| WT46/4 | 4 | 4" | 7.5 | \$4,960 | \$6,330 |
| WT46/5 | 5 | 4" | 7.5 | \$5,275 | \$6,645 |
| WT46/6 | 6 | 4" | 9.3 | \$5,590 | \$6,965 |
| WT46/7 | 7 | 4" | 11 | \$5,910 | \$7,280 |
| W46/8-C | 8 | 3" | 11 | | |
| WT46/8 | 8 | 4" | 15 | \$6,225 | \$7,595 |
| WT46/9 | 9 | 4" | 15 | \$6,540 | \$7,910 |
| WT46/10 | 10 | 4" | 15 | \$6,860 | \$8,230 |
| WT46/11 | 11 | 4" | 18.5 | \$7,175 | \$8,545 |
| WT46/12 | 12 | 4" | 18.5 | \$7,490 | \$8,860 |
| WT46/13 | 13 | 4" | 22 | \$7,810 | \$9,180 |
| WT46/14 | 14 | 4" | 22 | \$8,120 | \$9,495 |
| WT46/15 | 15 | 4" | 22 | \$8,440 | \$9,810 |
| WT46/16 | 16 | 4" | 26 | \$8,760 | \$10,130 |
| WT46/17 | 17 | 4" | 26 | \$9,075 | \$10,445 |
| WT46/18 | 18 | 4" | 30 | \$9,390 | \$10,760 |
| WT46/19 | 19 | 4" | 30 | \$9,705 | \$11,075 |
| WT46/20 | 20 | 4" | 30 | \$10,025 | \$11,395 |
| WT46/21 | 21 | 4" | 37 | \$10,340 | \$11,710 |
| WT46/22 | 22 | 4" | 37 | \$10,655 | \$12,030 |
| WT46/23 | 23 | 4" | 37 | \$10,970 | \$12,345 |
| WT46/24 | 24 | 4" | 37 | \$11,290 | \$12,660 |
| WT46/26 | 26 | 4" | 45 | \$11,605 | \$12,975 |
| WT46/28 | 28 | 4" | 45 | \$11,920 | \$13,295 |
| WT46/30 | 30 | 4" | 45 | \$12,240 | \$13,610 |
| WT46/33 | 33 | 4" | 55 | \$12,555 | \$13,925 |
| WT46/35 | 35 | 4" | 55 | \$12,870 | \$14,240 |
| WT46/37 | 37 | 4" | 75 | \$13,190 | \$14,560 |

Column thread
8 tpi

140mm OD
20mm shaft

Notes:

304SS construction

Standard discharge is 4" column thread, 8 tpi

316SS (N) construction available on request, add N onto model number



WT series - 6" Line Shaft Pump Ends

6" 60 m³/h



| Model | Pump end | | Motor kW | Water Lube Price | Oil Lube Price |
|----------|----------|------|----------|------------------|----------------|
| | Stages | Disc | | | |
| W60/1-B | 1 | 3" | 1.5 | | \$2,081 |
| W60/1-A | 1 | 3" | 1.5 | | \$2,081 |
| WT60/1 | 1 | 4" | 2.2 | \$4,010 | \$5,380 |
| W60/2-BB | 2 | 3" | 3 | | \$5,380 |
| W60/2-B | 2 | 3" | 3 | | \$5,380 |
| WT60/2 | 2 | 4" | 4 | \$4,325 | \$5,700 |
| W60/3-A | 3 | 3" | 5.5 | | \$5,380 |
| WT60/3 | 3 | 4" | 5.5 | \$4,640 | \$6,015 |
| W60/4-AA | 4 | 3" | 7.5 | | |
| WT60/4 | 4 | 4" | 7.5 | \$4,960 | \$6,330 |
| WT60/5 | 5 | 4" | 9.3 | \$5,275 | \$6,645 |
| W60/6-B | 6 | 3" | 11 | \$5,590 | \$6,330 |
| WT60/6 | 6 | 4" | 11 | \$5,590 | \$6,960 |
| WT60/7 | 7 | 4" | 15 | \$5,910 | \$7,280 |
| W60/8-B | 8 | 3" | 15 | \$6,225 | \$7,280 |
| WT60/8 | 8 | 4" | 15 | \$6,225 | \$7,595 |
| W60/9-B | 9 | 3" | 15 | \$6,860 | \$7,595 |
| WT60/9 | 9 | 4" | 18.5 | \$6,540 | \$7,910 |
| WT60/10 | 10 | 4" | 18.5 | \$6,860 | \$8,230 |
| WT60/11 | 11 | 4" | 22 | \$7,175 | \$8,545 |
| WT60/12 | 12 | 4" | 22 | \$7,490 | \$8,860 |
| WT60/13 | 13 | 4" | 26 | \$7,810 | \$9,180 |
| WT60/14 | 14 | 4" | 26 | \$8,120 | \$9,495 |
| WT60/15 | 15 | 4" | 26 | \$8,440 | \$9,810 |
| WT60/16 | 16 | 4" | 30 | \$8,760 | \$10,130 |
| WT60/17 | 17 | 4" | 30 | \$9,075 | \$10,445 |
| WT60/18 | 18 | 4" | 37 | \$9,390 | \$10,760 |
| WT60/19 | 19 | 4" | 37 | \$9,705 | \$11,075 |
| WT60/20 | 20 | 4" | 37 | \$10,025 | \$11,395 |
| WT60/21 | 21 | 4" | 37 | \$10,340 | \$11,710 |
| WT60/22 | 22 | 4" | 45 | \$10,655 | \$12,030 |

Column thread
8 tpi

140mm OD
25mm shaft

Notes:

304SS construction

Standard discharge is 4" column thread, 8 tpi

316SS (N) construction available on request, add N onto model number



WT series - 7" Line Shaft Pump Ends

7" 77 m³/h



| Model | Pump end | | Motor kW | Water Lube Price | Oil Lube Price |
|----------|----------|------|----------|------------------|----------------|
| | Stages | Disc | | | |
| WT77/1 | 1 | 4" | 5.5 | \$6,330 | \$7,700 |
| W77/2-BA | 2 | 4" | 5.5 | | |
| W77/2-B | 2 | 4" | 5.5 | | |
| WT77/2 | 2 | 4" | 7.5 | \$6,835 | \$8,210 |
| W77/3-AA | 3 | 4" | 9.2 | | |
| W77/3-A | 3 | 4" | 9.3 | | |
| W77/3-B | 3 | 4" | 9.3 | | |
| WT77/3 | 3 | 4" | 11 | \$7,340 | \$8,715 |
| W77/4-B | 4 | 4" | 15 | | |
| WT77/4 | 4 | 4" | 15 | \$7,850 | \$9,220 |
| W77/5-BB | 5 | 4" | 18.5 | | |
| WT77/5 | 5 | 4" | 18.5 | \$8,355 | \$9,730 |
| W77/6-B | 6 | 4" | 22 | | |
| WT77/6 | 6 | 4" | 22 | \$8,860 | \$10,235 |
| WT77/7 | 7 | 4" | 26 | \$9,370 | \$10,740 |
| W77/8-B | 8 | 4" | 26 | | |
| WT77/8 | 8 | 4" | 30 | \$9,875 | \$11,245 |
| WT77/9 | 9 | 4" | 30 | \$10,380 | \$11,750 |
| WT77/10 | 10 | 4" | 37 | \$11,940 | \$12,260 |
| WT77/11 | 11 | 4" | 37 | \$11,395 | \$12,765 |
| WT77/12 | 12 | 4" | 45 | \$11,900 | \$13,270 |
| WT77/13 | 13 | 4" | 55 | \$12,405 | \$13,780 |
| WT77/14 | 14 | 4" | 55 | \$12,915 | \$14,285 |
| WT77/15 | 15 | 4" | 55 | \$13,420 | \$14,790 |
| WT77/16 | 16 | 4" | 75 | \$13,925 | \$15,300 |
| WT77/17 | 17 | 4" | 75 | \$14,430 | \$15,800 |
| WT77/18 | 18 | 4" | 75 | \$14,940 | \$16,310 |
| WT77/19 | 19 | 4" | 75 | \$15,445 | \$16,815 |
| WT77/20 | 20 | 4" | 75 | \$15,950 | \$17,325 |

Column thread
8 tpi

164mm OD
25mm shaft

Notes:

304SS construction

Standard discharge is 4" column thread, 8 tpi

316SS (N) construction available on request, add N onto model number



WT series - 7" Submersible Pump Ends

7" 95 m³/h



| Model | Pump end | | Motor kW | Water Lube Price | Oil Lube Price |
|----------|----------|------|-------------|---------------------|-------------------|
| | Stages | Disc | | | |
| WT95/1 | 1 | 6" | 5.5 | \$6,330 | \$7,700 |
| W95/2-BB | 2 | 6" | 5.5 | | |
| W95/2-A | 2 | 6" | 7.5 | | |
| W95/2-AB | 2 | 6" | 7.5 | \$6,835 | \$8,210 |
| W95/2-B | 2 | 6" | 9.3 | | |
| WT95/2 | 2 | 6" | 9.3 | \$6,835 | \$8,210 |
| W95/3-BB | 3 | 6" | 9.3 | | |
| W95/3-B | 3 | 6" | 11 | \$7,340 | \$8,715 |
| WT95/3 | 3 | 6" | 15 | \$7,340 | \$8,715 |
| W95/4-AB | 4 | 6" | 15 | \$7,850 | \$9,220 |
| W95/4-B | 4 | 6" | 15 | | |
| WT95/4 | 4 | 6" | 18.5 | \$7,850 | \$9,220 |
| W95/5-B | 5 | 6" | 18.5 | | |
| W95/5-AB | 5 | 6" | 18.5 | | |
| WT95/5 | 5 | 6" | 22 | \$8,355 | \$9,730 |
| WT95/6 | 6 | 6" | 26 | \$8,860 | \$10,235 |
| WT95/7 | 7 | 6" | 30 | \$9,370 | \$10,740 |
| WT95/8 | 8 | 6" | 37 | \$9,875 | \$11,245 |
| WT95/9 | 9 | 6" | 37 | \$10,380 | \$11,750 |
| WT95/10 | 10 | 6" | 45 | \$10,890 | \$12,260 |
| WT95/11 | 11 | 6" | 55 | \$11,395 | \$12,765 |
| WT95/12 | 12 | 6" | 55 | \$11,900 | \$13,270 |
| WT95/13 | 13 | 6" | 55 | \$12,405 | \$13,780 |
| WT95/14 | 14 | 6" | 75 | \$12,915 | \$14,285 |
| WT95/15 | 15 | 6" | 75 | \$13,420 | \$14,790 |
| WT95/16 | 16 | 6" | 75 | \$13,925 | \$15,300 |
| WT95/17 | 17 | 6" | 75 | \$14,430 | \$15,800 |
| WT95/18 | 18 | 6" | 93 | \$14,940 | \$16,310 |
| WT95/19 | 19 | 6" | 93 | \$15,445 | \$16,815 |
| WT95/20 | 20 | 6" | 93 | \$15,950 | \$17,325 |

Column thread
8 tpi

164mm OD
25mm shaft

Notes:

304SS construction

Standard discharge is 6" column thread, 8 tpi

316SS (N) construction available on request, add N onto model number



WT series - 8" Line Shaft Pump Ends

8" 125 m³/h



| Model | Pump end | | Motor kW | Water Lube Price | Oil Lube Price |
|-------------|----------|------|----------|------------------|----------------|
| | Stages | Disc | | | |
| WT125/1-A | 1 | 6" | 7.5 | \$9,285 | \$10,655 |
| WT125/1 | 1 | 6" | 11 | \$9,285 | \$10,655 |
| WT125/2-AA | 2 | 6" | 15 | \$10,130 | \$11,500 |
| WT125/2-A | 2 | 6" | 18.5 | \$10,130 | \$11,500 |
| WT125/2 | 2 | 6" | 22 | \$10,130 | \$11,500 |
| WT125/3-AA | 3 | 6" | 22 | \$10,970 | \$12,345 |
| WT125/3-A | 3 | 6" | 26 | \$10,970 | \$12,345 |
| WT125/3 | 3 | 6" | 30 | \$10,970 | \$12,345 |
| WT125/4-AA | 4 | 6" | 37 | \$11,815 | \$13,190 |
| WT125/4-A | 4 | 6" | 37 | \$11,815 | \$13,190 |
| WT125/4 | 4 | 6" | 37 | \$11,815 | \$13,190 |
| WT125/5-AA | 5 | 6" | 45 | \$12,660 | \$14,030 |
| WT125/5-A | 5 | 6" | 45 | \$12,660 | \$14,030 |
| WT125/5 | 5 | 6" | 55 | \$12,660 | \$14,030 |
| WT125/6-AA | 6 | 6" | 55 | \$13,505 | \$14,875 |
| WT125/6-A | 6 | 6" | 55 | \$13,505 | \$14,875 |
| WT125/6 | 6 | 6" | 75 | \$13,505 | \$14,875 |
| WT125/7-AA | 7 | 6" | 75 | \$14,350 | \$15,720 |
| WT125/7-A | 7 | 6" | 75 | \$14,350 | \$15,720 |
| WT125/7 | 7 | 6" | 75 | \$14,350 | \$15,720 |
| WT125/8-AA | 8 | 6" | 75 | \$15,190 | \$16,560 |
| WT125/8-A | 8 | 6" | 75 | \$15,190 | \$16,560 |
| WT125/8 | 8 | 6" | 75 | \$15,190 | \$16,560 |
| WT125/9-AA | 9 | 6" | 93 | \$16,035 | \$17,410 |
| WT125/9-A | 9 | 6" | 93 | \$16,035 | \$17,410 |
| WT125/9 | 9 | 6" | 93 | \$16,035 | \$17,410 |
| WT125/10-AA | 10 | 6" | 93 | \$16,880 | \$18,250 |
| WT125/10-A | 10 | 6" | 93 | \$16,880 | \$18,250 |
| WT125/10 | 10 | 6" | 93 | \$16,880 | \$18,250 |
| WT125/11 | 11 | 6" | 110 | \$17,725 | \$19,095 |
| WT125/12 | 12 | 6" | 132 | \$18,570 | \$19,940 |
| WT125/13 | 13 | 6" | 132 | \$19,410 | \$20,785 |
| WT125/14 | 14 | 6" | 150 | \$20,255 | \$21,630 |
| WT125/15 | 15 | 6" | 150 | \$21,100 | \$22,470 |
| WT125/16 | 16 | 6" | 185 | \$21,945 | \$23,105 |
| WT125/17 | 17 | 6" | 185 | \$22,790 | \$23,630 |

Column thread
8 tpi

200mm OD
32mm shaft

Notes:

304SS construction

Standard discharge is 6" column thread, 8 tpi

316SS (N) construction available on request, add N onto model number



WT series - 8" Line Shaft Pump Ends

8" 160 m³/h



| Model | Pump end | | Motor kW | Water Lube Price | Oil Lube Price |
|-------------|----------|------|----------|------------------|----------------|
| | Stages | Disc | | | |
| WT160/1-A | 1 | 6" | 9.3 | \$9,285 | \$10,655 |
| WT160/1 | 1 | 6" | 15 | \$9,285 | \$10,655 |
| WT160/2-AA | 2 | 6" | 18.5 | \$10,130 | \$11,500 |
| WT160/2-A | 2 | 6" | 22 | \$10,130 | \$11,500 |
| WT160/2 | 2 | 6" | 30 | \$10,130 | \$11,500 |
| WT160/3-AA | 3 | 6" | 30 | \$10,970 | \$12,345 |
| WT160/3-A | 3 | 6" | 37 | \$10,970 | \$12,345 |
| WT160/3 | 3 | 6" | 37 | \$10,970 | \$12,345 |
| WT160/4-AA | 4 | 6" | 45 | \$11,815 | \$13,190 |
| WT160/4-A | 4 | 6" | 45 | \$11,815 | \$13,190 |
| WT160/4 | 4 | 6" | 55 | \$11,815 | \$13,190 |
| WT160/5-AA | 5 | 6" | 55 | \$12,660 | \$14,030 |
| WT160/5-A | 5 | 6" | 55 | \$12,660 | \$14,030 |
| WT160/5 | 5 | 6" | 75 | \$12,660 | \$14,030 |
| WT160/6-AA | 6 | 6" | 75 | \$13,505 | \$14,875 |
| WT160/6-A | 6 | 6" | 75 | \$13,505 | \$14,875 |
| WT160/6 | 6 | 6" | 75 | \$13,505 | \$14,875 |
| WT160/7-AA | 7 | 6" | 75 | \$14,350 | \$15,720 |
| WT160/7-A | 7 | 6" | 93 | \$14,350 | \$15,720 |
| WT160/7 | 7 | 6" | 93 | \$14,350 | \$15,720 |
| WT160/8-AA | 8 | 6" | 93 | \$15,190 | \$16,560 |
| WT160/8-A | 8 | 6" | 93 | \$15,190 | \$16,560 |
| WT160/8 | 8 | 6" | 93 | \$15,190 | \$16,560 |
| WT160/9-AA | 9 | 6" | 110 | \$16,035 | \$17,410 |
| WT160/9-A | 9 | 6" | 110 | \$16,035 | \$17,410 |
| WT160/9 | 9 | 6" | 110 | \$16,035 | \$17,410 |
| WT160/10-AA | 10 | 6" | 110 | \$16,880 | \$18,250 |
| WT160/10-A | 10 | 6" | 132 | \$16,880 | \$18,250 |
| WT160/10 | 10 | 6" | 132 | \$16,880 | \$18,250 |
| WT160/11 | 11 | 6" | 132 | \$17,725 | \$19,095 |
| WT160/12 | 12 | 6" | 150 | \$18,570 | \$19,940 |
| WT160/13 | 13 | 6" | 185 | \$19,410 | \$20,780 |
| WT160/14 | 14 | 6" | 185 | \$20,255 | \$21,630 |
| WT160/15 | 15 | 6" | 185 | \$21,100 | \$22,470 |

Column thread
8 tpi

200mm OD
32mm shaft

Notes:

304SS construction

Standard discharge is 6" column thread, 8 tpi

316SS (N) construction available on request, add N onto model number



WT series - 9" Line Shaft Pump Ends

9" 215 m³/h



| Model | Pump end | | Motor kW | Water Lube Price | Oil Lube Price |
|-------------|----------|------|----------|------------------|----------------|
| | Stages | Disc | | | |
| WT215/1-A | 1 | 6" | 15 | \$14,770 | \$16,140 |
| WT215/1 | 1 | 6" | 18.5 | \$14,770 | \$16,140 |
| WT215/2-AA | 2 | 6" | 30 | \$15,950 | \$17,325 |
| WT215/2-A | 2 | 6" | 37 | \$15,950 | \$17,325 |
| WT215/2 | 2 | 6" | 45 | \$15,950 | \$17,325 |
| WT215/3-AA | 3 | 6" | 55 | \$17,135 | \$18,505 |
| WT215/3-A | 3 | 6" | 55 | \$17,135 | \$18,505 |
| WT215/3 | 3 | 6" | 75 | \$17,135 | \$18,505 |
| WT215/4-AA | 4 | 6" | 75 | \$18,315 | \$19,685 |
| WT215/4-A | 4 | 6" | 75 | \$18,315 | \$19,685 |
| WT215/4 | 4 | 6" | 75 | \$18,315 | \$19,685 |
| WT215/5-AA | 5 | 6" | 93 | \$19,500 | \$20,870 |
| WT215/5-A | 5 | 6" | 93 | \$19,500 | \$20,870 |
| WT215/5 | 5 | 6" | 93 | \$19,500 | \$20,870 |
| WT215/6-AA | 6 | 6" | 110 | \$20,680 | \$22,050 |
| WT215/6-A | 6 | 6" | 110 | \$20,680 | \$22,050 |
| WT215/6 | 6 | 6" | 110 | \$20,680 | \$22,050 |
| WT215/7-AA | 7 | 6" | 132 | \$21,860 | \$23,230 |
| WT215/7-A | 7 | 6" | 132 | \$21,860 | \$23,230 |
| WT215/7 | 7 | 6" | 132 | \$21,860 | \$23,230 |
| WT215/8-AA | 8 | 6" | 150 | \$23,040 | \$24,415 |
| WT215/8-A | 8 | 6" | 150 | \$23,040 | \$24,415 |
| WT215/8 | 8 | 6" | 150 | \$23,040 | \$24,415 |
| WT215/9-AA | 9 | 6" | 185 | \$24,220 | \$25,595 |
| WT215/9-A | 9 | 6" | 185 | \$24,220 | \$25,595 |
| WT215/9 | 9 | 6" | 185 | \$24,220 | \$25,595 |
| WT215/10-AA | 10 | 6" | 185 | \$25,400 | \$26,775 |
| WT215/10-A | 10 | 6" | 185 | \$25,400 | \$26,775 |
| WT215/10 | 10 | 6" | 185 | \$25,400 | \$26,775 |

Column thread
8 tpi

230mm OD
44mm shaft

Notes:

304SS construction

Standard discharge is 6" column thread, 8 tpi

316SS (N) construction available on request, add N onto model number



M Series - 4" Submersible Motors



Single Phase

| Model | kW | HP | Description | Thrust (N) | Price |
|----------------------|------|------|------------------------|------------|---------|
| MS-04A-0.3-1-1A-1000 | 0.37 | 0.5 | 0.37 kW standard motor | 1500 | \$495 |
| MS-04A-0.5-1-1A-1000 | 0.55 | 0.75 | 0.55 kW standard motor | | \$550 |
| MS-04A-1.1-1-1A-1000 | 0.75 | 1 | 0.75 kW standard motor | | \$645 |
| MS-04A-1.1-1-1A-1000 | 1.1 | 1.5 | 1.1 kW standard motor | | \$700 |
| MS-04A-1.5-1-1A-1000 | 1.5 | 2 | 1.5 kW standard motor | | \$760 |
| MS-04A-2.2-1-1A-1000 | 2.2 | 3 | 2.2 kW standard motor | | \$1,060 |
| MS-04A-3.7-1-1A-1000 | 3.7 | 5 | 3.7 kW standard motor | 4400 | \$1,690 |

Motor lead length: 2.5 metres

Single Phase



| Model | Description | Price |
|--------------------|-------------------------------------|-------|
| ST-A-0.3-7-1A-1000 | Single Phase Starters 20MF 6 amp | \$160 |
| ST-A-0.5-7-1A-1000 | Single Phase Starters 25 MF 6 Amp | \$195 |
| ST-A-0.7-7-1A-1000 | Single Phase Starters 35 MF 7 Amp | \$195 |
| ST-A-1.1-7-1A-1000 | Single Phase Starters 40 MF 12 Amp | \$245 |
| ST-A-1.5-7-1A-1000 | Single Phase Starters 60 MF 15 Amp | \$350 |
| ST-A-2.2-7-1A-1000 | Single Phase Starters 80 MF 18 Amp | \$440 |
| ST-A-3.7-7-1A-1000 | Single Phase Starters 100 MF 30 Amp | \$620 |

Notes:

- Motors are 240V ±10%, 50hz, 2 pole
- 3 wire, PSC (Permanent Split Capacitor) design
- Motors have removeable leads
- IP58, Class F windings
- 4" SPOP motors are non toxic oil filled
- Motor/pump flange and shaft/spline conform to NEMA standard
- Longer lead lengths can be supplied with price adder



M Series - 4" Submersible Motors



3 Phase

| Model | kW | HP | Description | Thrust (N) | Price |
|-----------------------|------|-----|------------------------------|------------|---------|
| MA-04B-0.7-2-3A-1000 | 0.75 | 1 | 0.75 kW standard 304SS motor | 1500 | \$960 |
| MA-04B-1.1-2-3A-1000 | 1.1 | 1.5 | 1.1 kW standard 304SS motor | 3000 | \$1,055 |
| MA-04B-1.5-2-3A-1000 | 1.5 | 2 | 1.5 kW standard 304SS motor | | \$1,055 |
| MA-04B-2.2-2-3A-1000 | 2.2 | 3 | 2.2 kW standard 304SS motor | 4000 | \$1,450 |
| MA-04B-003-2-3A-1000 | 3 | 4 | 3 kW standard 304SS motor | | \$1,595 |
| MA-04B-0047-2-3A-1000 | 4 | 5.5 | 4 kW standard 304SS motor | | \$1,880 |
| MA-04B-5.5-2-3A-1000 | 5.5 | 7.5 | 5.5 kW standard 304SS motor | | \$2,080 |
| MA-04B-7.5-2-3A-1000 | 7.5 | 10 | 7.5 kW standard 304SS motor | | \$3,045 |

Motor lead length: 3 metres

Notes:

Motors are 380-415V, $\pm 10\%$, 50hz, 2 pole, DOL - Direct On Line

4" motors are water filled and water lubricated

Silicone Carbide mechanical seal assembly fitted as standard

316SS construction available on request

904L/Duplex SS and Super Duplex SS constructions available on request

Motor/pump flange and shaft/spline conform to NEMA standard

Longer lead lengths can be supplied with price adder



M Series - 6" Submersible Motors

304SS Standard construction

144mm OD

| Model | kW | HP | FLA In 415V | Description | Price |
|----------------------|------|------|-------------|-----------------------------------|---------|
| MA-06B-5.5-2-3A-1000 | 5.5 | 7.5 | 13.4 | 6" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-06B-7.5-2-3A-1000 | 7.5 | 10 | 17.7 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$2,640 |
| MA-06B-9.2-2-3A-1000 | 9.3 | 12.5 | 21.1 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$2,590 |
| MA-06B-011-2-3A-1000 | 11 | 15 | 25.1 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$2,915 |
| MA-06B-015-2-3A-1000 | 15 | 20 | 33 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$3,190 |
| MA-06B-018-2-3A-1000 | 18.5 | 25 | 42.5 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$3,870 |
| MA-06B-022-2-3A-1000 | 22 | 30 | 49.6 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$4,345 |
| MA-06B-026-2-3A-1000 | 26 | 35 | 57.4 | 6" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-06B-030-2-3A-1000 | 30 | 40 | 67.5 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$5,875 |
| MA-06B-037-2-3A-1000 | 37 | 50 | 83.9 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$6,855 |
| MA-06A-045-2-3A-1000 | 45 | 60 | 94.2 | 6" motor, 380-415V, 50Hz, DOL, 2P | POA |

Motor lead length: 5 metres

316SS construction

144mm OD

| Model | kW | HP | FLA In 415V | Description | Price |
|-----------------|------|------|-------------|-----------------------------------|----------|
| MA-06B-5.5-3-3A | 5.5 | 7.5 | 13.4 | 6" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-06B-7.5-3-3A | 7.5 | 10 | 17.7 | 6" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-06B-9.3-3-3A | 9.3 | 12.5 | 21.1 | 6" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-06B-011-3-3A | 11 | 15 | 25.1 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$5,305 |
| MA-06B-015-3-3A | 15 | 20 | 33 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$6,270 |
| MA-06B-018-3-3A | 18.5 | 25 | 42.5 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$6,605 |
| MA-06B-022-3-3A | 22 | 30 | 49.6 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$7,070 |
| MA-06B-026-3-3A | 26 | 35 | 57.4 | 6" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-06B-030-3-3A | 30 | 40 | 67.5 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$8,990 |
| MA-06B-037-3-3A | 37 | 50 | 83.9 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$10,560 |
| MA-06A-045-3-3A | 45 | 60 | 94.2 | 6" motor, 380-415V, 50Hz, DOL, 2P | \$11,830 |

Motor lead length: 5 metres

5.5 - 26kW 15,500N

30 - 45kW 27,500N

Thrust Load

Notes:

Motors are 380-415V, $\pm 10\%$, 50hz, 2 pole, DOL - Direct On Line

Star Delta, 6 lead motors are available with price adder

6" motors are water filled and water lubricated

Silicone Carbide mechanical seal assembly fitted as standard

304SS construction are 304 upper and lower end bells and stator shell

316SS construction are 316 upper and lower end bells and stator shell

904L/Duplex SS and Super Duplex SS constructions available to order

Windings are PVC-PE, high temp windings of PE2+PA available with price adder

Sinus filters required when used with VSD and cable runs over 20 metres

Motor/pump flange and shaft/spline conform to NEMA standard

Longer lead lengths can be supplied with price adder

690V and 1,000V 50 Hz windings are available to order



M Series - 8" Submersible Motors

Standard Construction

190mm OD

| Model | kW | HP | FLA In 415V | Description | Price |
|---------------|-----|-----|-------------|-----------------------------------|----------|
| MA-08C-022-1 | 22 | 30 | 44.6 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08C-026-1 | 26 | 35 | 53 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08C-030-1 | 30 | 40 | 58 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08A-037-1 | 37 | 50 | 73.8 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08AC-045-1 | 45 | 60 | 89 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08C-055-1 | 55 | 75 | 109 | 8" motor, 380-415V, 50Hz, DOL, 2P | \$11,930 |
| MA-08A-066-1 | 66 | 90 | 125 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08A-075-1 | 75 | 100 | 145 | 8" motor, 380-415V, 50Hz, DOL, 2P | \$14,185 |
| MA-08A-093-1 | 93 | 125 | 180 | 8" motor, 380-415V, 50Hz, DOL, 2P | \$16,115 |
| MA-08A-110-1 | 110 | 150 | 220 | 8" motor, 380-415V, 50Hz, DOL, 2P | \$22,410 |

Motor lead length: 5 metres 22-45kW, 8 metres 55-110kW

316SS Construction

190mm OD

| Model | kW | HP | FLA In 415V | Description | Price |
|--------------|-----|-----|-------------|-----------------------------------|----------|
| MA-08C-022-3 | 22 | 30 | 44.6 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08C-026-3 | 26 | 35 | 53 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08C-030-3 | 30 | 40 | 58 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08A-037-3 | 37 | 50 | 73.8 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08A-045-3 | 45 | 60 | 89 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08A-055-3 | 55 | 75 | 109 | 8" motor, 380-415V, 50Hz, DOL, 2P | \$18,420 |
| MA-08A-066-3 | 66 | 90 | 125 | 8" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-08A-075-3 | 75 | 100 | 145 | 8" motor, 380-415V, 50Hz, DOL, 2P | \$20,740 |
| MA-08A-093-3 | 93 | 125 | 180 | 8" motor, 380-415V, 50Hz, DOL, 2P | \$23,945 |
| MA-08A-110-3 | 110 | 150 | 220 | 8" motor, 380-415V, 50Hz, DOL, 2P | \$27,475 |

Motor lead length: 5 metres 22-45kW, 8 metres 55-110kW

Notes:

Motors are 380-415V, $\pm 10\%$, 50hz, 2 pole. DOL - Direct On Line

Star Delta, 6 lead motors are available with price adder

8" motors are water filled and water lubricated

Silicone Carbide mechanical seal assembly fitted as standard

Standard construction are cast iron upper and lower end bells and 304 stator shell

316SS construction are 316 upper and lower end bells and stator shell

904L/Duplex SS and Super Duplex SS constructions available to order

Windings are PVC-PE, high temp windings of PE2+PA available with price adder

Sinus filters required when used with VSD and cable runs over 20 metres

Motor/pump flange and shaft/spline conform to NEMA standard

Longer lead lengths can be supplied with price adder

690V and 1,000V 50 Hz windings are available to order

4 pole motors are available to order

45000
Thrust Load



M Series - 10" Submersible Motors



Standard construction

240mm OD

| Model | kW | HP | FLA In 415V | Description | Price |
|--------------|-----|-----|-------------|------------------------------------|----------|
| MA-10A-055-1 | 55 | 75 | 113 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-066-1 | 66 | 90 | 134 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-075-1 | 75 | 100 | 151 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-093-1 | 93 | 125 | 186 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-110-1 | 110 | 150 | 222 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-132-1 | 132 | 175 | 255 | 10" motor, 380-415V, 50Hz, DOL, 2P | \$28,220 |
| MA-10A-150-1 | 150 | 200 | 291 | 10" motor, 380-415V, 50Hz, DOL, 2P | \$30,240 |
| MA-10A-165-1 | 165 | 225 | 322 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-185-1 | 185 | 250 | 361 | 10" motor, 380-415V, 50Hz, DOL, 2P | \$32,520 |

316SS construction

240mm OD

| Model | kW | HP | FLA In 415V | Description | Price |
|--------------|-----|-----|-------------|------------------------------------|----------|
| MA-10A-055-3 | 55 | 75 | 113 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-066-3 | 66 | 90 | 134 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-075-3 | 75 | 100 | 151 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-093-3 | 93 | 125 | 186 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-110-3 | 110 | 150 | 222 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-132-3 | 132 | 175 | 255 | 10" motor, 380-415V, 50Hz, DOL, 2P | \$52,140 |
| MA-10A-150-3 | 150 | 200 | 291 | 10" motor, 380-415V, 50Hz, DOL, 2P | \$55,340 |
| MA-10A-165-3 | 165 | 225 | 322 | 10" motor, 380-415V, 50Hz, DOL, 2P | POA |
| MA-10A-185-3 | 185 | 250 | 361 | 10" motor, 380-415V, 50Hz, DOL, 2P | \$56,420 |

Motor lead length: 8 metres

55-75 kW 45,000N

93-185kW 60,000N

Thrust Load

Notes:

Motors are 380-415V, $\pm 10\%$, 50hz, 2 pole. DOL - Direct On Line
 Star Delta, 6 lead motors are available with price adder
 10" motors are water filled and water lubricated
 Silicone Carbide mechanical seal assembly fitted as standard
 Standard construction are cast iron upper and lower end bells and 304 stator shell
 316SS construction are 316 upper and lower end bells and stator shell
 904L/Duplex SS and Super Duplex SS constructions available to order
 Windings are PVC-PE, high temp windings of PE2+PA available with price adder
 Sinus filters required when used with VSD and cable runs over 20 metres
 Motor/pump flange and shaft/spline conform to NEMA standard
 Longer lead lengths can be supplied with price adder
 690V and 1,000V 50 Hz windings are available to order
 4 pole motors are available to order



Submersible motor construction options



20 in Super Duplex motor
3D design model

Options available for Sterling submersible motors

904 - Duplex SS construction motors

Available in 6" through to 20" motors

Duplex 2205 , PREN value: 34

Super Duplex SS construction motors

Available in 6" through to 20" motors

Super Duplex 2507 (S32750), PREN value: 45

Zeron 100

Available in 6" through to 20" motors

(S32760), PREN value: > 40

Nickel Alloy Bronze (NAB)

Available in 6" through to 20" motors

CuNi (Copper Nickel)

Available in 6" through to 20" motors

4 pole windings

Available in 8"-10"-12"-14"

High Voltage windings

Available in 690v, 1,000v, 2,300v and 3,300v in 50Hz

High temperature Windings

We can wind motors with PE+PA for higher water temperatures (105°C) and high voltages such as 1,000V 50Hz

Larger kW motors

We can offer larger custom built 12" through 20" motors

Ratings from 185kW through to 600kW

Longer motor leads

We can supply custom length motor leads



Dewatering Pumps - M & G Series

Dewatering



| Model | kW | Head metres | Discharge LPM | Pump end Price | Tool Kit Price |
|-----------|-------|-------------|---------------|----------------|----------------|
| M 100 M | 1.1 | 6-10 | 350-250 | \$2,190 | \$390 |
| M 120 M | 1.5 | 6-12 | 500-275 | \$2,540 | \$460 |
| M 154 T | 1.5 | 6-10 | 625-425 | \$4,080 | \$460 |
| M 204 T | 2.2 | 6-12 | 950-550 | \$4,185 | \$460 |
| M 404 T | 3 | 6-16 | 1050-375 | \$4,630 | \$460 |
| M 502 T | 3.7 | 5-10 | 1825-1200 | \$5,990 | \$480 |
| M 504 T | 3.7 | 5-15 | 1100-750 | \$5,730 | \$480 |
| M 506 TH | 3.7 | 20-40 | 300-225 | \$7,850 | \$480 |
| M 536 TH | 5.5 | 30-40 | 500-350 | \$8,440 | \$480 |
| M 556 TH | 7.5 | 30-40 | 800-550 | \$9,300 | \$480 |
| G 502 T | 3.7 | 5-10 | 1825-1200 | \$5,890 | \$480 |
| G 504 T | 3.7 | 5-15 | 1100-750 | \$5,730 | \$480 |
| G 506 T | 3.7 | 30-40 | 300-225 | \$7,080 | \$480 |
| G 536 TH | 5.5 | 30-40 | 600-350 | \$7,670 | \$480 |
| G 556 TH | 7.5 | 30-40 | 800-550 | \$8,580 | \$480 |
| M 530 T | 5.5 | 10-20 | 1800-800 | \$7,470 | \$480 |
| G 530 T | 5.5 | 10-20 | 1800-800 | \$6,205 | \$480 |
| G 536 T | 5.5 | 15-35 | 900-500 | \$7,670 | \$480 |
| M 554 T | 7.5 | 10-20 | 2300-1200 | \$8,360 | \$480 |
| G 554 T | 7.5 | 10-20 | 2300-1200 | \$6,930 | \$480 |
| M 702 T/M | 11.8 | 10-25 | 3500-1400 | \$16,250 | \$550 |
| M 706 T/M | 11.8 | 50-60 | 700-450 | \$16,655 | \$550 |
| M 756 T/M | 11.8 | 50-60 | 900-650 | \$18,340 | \$585 |
| M 752 T/M | 11.8 | 10-30 | 4000-1300 | \$18,025 | \$585 |
| G 702 T/M | 11.8 | 10-25 | 3500-1450 | \$14,720 | \$480 |
| G 706 T/M | 11.8 | 50-60 | 700-450 | \$15,720 | \$480 |
| G 756 T/M | 11.8 | 50-60 | 990-650 | \$16,900 | \$550 |
| G 752 T/M | 1.8 | 10-30 | 4000-1300 | \$15,900 | \$550 |
| M 802 T/M | 18.65 | 15-20 | 4500-1750 | \$21,020 | \$600 |
| M 806 T/M | 18.65 | 45-55 | 1000-750 | \$21,430 | \$600 |
| G 802 T/M | 18.65 | 15-30 | 4500-1750 | \$20,660 | \$600 |
| G 806 T/M | 18.65 | 45-55 | 1000-750 | \$21,050 | \$600 |
| M 902 T | 26.11 | 15-35 | 5700-2200 | \$24,790 | \$620 |
| M 906 T | 26.11 | 50-65 | 1500-750 | \$25,200 | \$620 |
| G 902 T | 26.11 | 15-35 | 5700-2200 | \$22,740 | \$600 |
| G 906 T | 26.11 | 50-65 | 1500-750 | \$23,240 | \$600 |
| G 1002 T | 37 | 20-48 | 6700-1500 | \$27,060 | \$690 |
| G 1006 T | 37 | 40-70 | 3250-1750 | \$25,945 | \$690 |

Notes:

All pumps are supplied with 20 metres of Cable

Head and Discharge figures are recommended

All motors are 3 phase, 50 Hz



Dewatering Pumps - NC & MS Series



Non Clog

| Model | kW | Head metres | Discharge LPM | Pump end Price | Tool Kit Price |
|--------------|-----|-------------|---------------|----------------|----------------|
| NC 06350 M/1 | 4.5 | 7.5-15 | 800-450 | \$7,800 | \$460 |
| NC 08350 M/1 | 6 | 12.5-22.5 | 800-350 | \$8,155 | \$460 |
| NC 10350 M/1 | 7.5 | 13-24 | 850-400 | \$8,250 | \$460 |

Sewage



| Model | kW | Head metres | Discharge LPM | Pump end Price | Tool Kit Price |
|---------|-----|-------------|---------------|----------------|----------------|
| MS 121 | 1.5 | 6-10 | 500-250 | \$4,800 | \$460 |
| MS 231 | 2.2 | 8-16 | 800-400 | \$7,885 | \$460 |
| MS 232 | 2.2 | 5-10 | 1500-400 | \$8,360 | \$460 |
| MS 252 | 3.7 | 6-12 | 2200-900 | \$9,010 | \$460 |
| MS 481 | 7.5 | 9-18 | 2500-1250 | \$12,140 | \$480 |
| MS 482 | 7.5 | 6-14 | 3500-1250 | \$13,130 | \$480 |
| MS 483 | 7.5 | 5-9 | 3250-1000 | \$13,310 | \$480 |
| MS 6152 | 11 | 10-17 | 4000-2000 | \$18,820 | \$550 |
| MS 6202 | 15 | 12-22 | 4500-1500 | \$19,360 | \$550 |

Notes:

All pumps are supplied with 20 metres of Cable

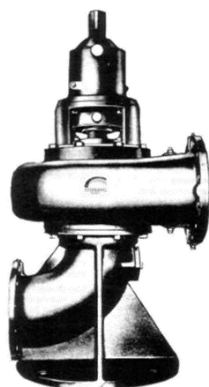
Head and Discharge figures are recommended

All motors are 3 phase, 50 Hz



Solids Handling Pumps - MN Series

Radially Split, Single Stage, Mixed Flow



| Model | Nominal Dia impeller (inches) | Discharge size (mm) | Suction size (mm) | Price |
|----------|-------------------------------|---------------------|-------------------|--------------------------------------------------------|
| 10 MN-12 | 12 | 10 | 10 | POA Due to many options to suit your specific needs |
| 12 MN-14 | 14 | 12 | 12 | |
| 12 MN-19 | 19 | 12 | 12 | |
| 12 MN-24 | 24 | 12 | 12 | |
| 14 MN-16 | 16 | 14 | 14 | |
| 14 MN-24 | 24 | 14 | 14 | |
| 16 MN-19 | 19 | 16 | 16 | |
| 16 MN-25 | 25 | 16 | 16 | |
| 16 MN-33 | 33 | 16 | 16 | |
| 20 MN-24 | 24 | 20 | 20 | |
| 20 MN-30 | 30 | 20 | 20 | |
| 24 MN-28 | 28 | 20 | 20 | |
| 20 MN-39 | 39 | 20 | 20 | |
| 24 MN-33 | 33 | 24 | 24 | |
| 24 MN-47 | 47 | 24 | 24 | |
| 30 MN-33 | 33 | 30 | 30 | |
| 30 MN-43 | 43 | 30 | 30 | |

Notes:

Radially split case design, single stage

Cast Iron construction

Range: up to 10,220 m³/h

Head up to 68 metre

High efficiency

Low NPSHR

Non clogging

Construction Options: Stainless Steel

Refer to specification booklet for more details of build options



Pumping Accessories

Submersible Drop Cable

4 Core (3 wire + earth /3C+E)



| Size mm ² | Description | Order Number | Price per metre |
|----------------------|---------------------------------------------------|--------------|-----------------|
| 2.5 | 4 core submersible power cable H07RNF rubber | AM11730 | \$10.00 |
| 4 | 4 core submersible power cable H07RNF rubber | AM11731 | \$15.00 |
| 6 | 4 core submersible power cable H07RNF rubber | AM11732 | \$20.00 |
| 10 | 4 core submersible power cable H07RNF rubber | AM11733 | \$35.00 |
| 16 | 4 core submersible power cable H07RNF rubber | AM11734 | \$50.00 |
| 25 | 4 core submersible power cable H07RNF rubber | AM11735 | \$70.00 |
| 35 | 4 core submersible power cable H07RNF rubber | AM11736 | \$110.00 |
| 50 | 4 core submersible power cable H07RNF rubber | AM11737 | \$140.00 |
| 70 | 4 core submersible power cable H07RNF rubber | AM11738 | \$210.00 |
| 70 | Single core submersible power cable H07RNF rubber | AM11739 | \$50.00 |
| 95 | Single core submersible power cable H07RNF rubber | AM11740 | \$55.00 |
| 120 | Single core submersible power cable H07RNF rubber | AM11799 | \$65.00 |

Pump drop cable is suitable for submergence to 1,000 metres

Flexible rubber multicore 0.6/1KV 125°C pump drop cable X-HF-110/E-110-R

Complies to AS/NZS 5000.1: 2005 and revisions

Check Sterling cable selection chart to ensure correct size selected for your installation



Splice Kits

| Size mm ² | Description | Order Number | Price |
|----------------------|---------------------------|--------------|-------|
| 4" | 4" Splice Kit, up to 4mm | AM11725 | \$70 |
| 6" | 6" splice Kit, up to 6mm | AM11726 | \$90 |
| 6" | 6" splice Kit, up to 25mm | AM11726-25 | \$165 |

Splice Kits include;

Connectors, shrink tubes, emery paper, mastic putty and cleaning wipe

Sterling can perform the submersible motor lead to drop cable splice on your behalf

Motor Lead to Drop Cable Splicing

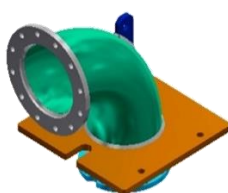
| Motor Size | Description | Order Number | Price |
|------------|--------------------------------------------------------|--------------|---------|
| 4" | Submersible cable joint supply and fit - 4" x 3-4 wire | AM11720 | \$420 |
| 6" | Submersible cable joint supply and fit - 6" x 4 wire | AM11721 | \$420 |
| 8" | Submersible cable joint supply and fit - 8" x 4 wire | AM11722 | \$635 |
| 10" | Submersible cable joint supply and fit - 10" x 4 wire | AM11723 | \$845 |
| 12" | Submersible cable joint supply and fit - 12" x 4 wire | AM11724 | \$1,265 |

All splices are meg tested prior to despatch



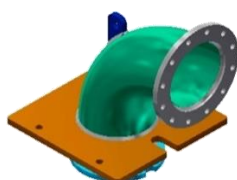
Bore caps and Well Heads

Bore Caps - Well Heads MILD STEEL



| Size | Description | Order Number | Price |
|--------|-----------------------------------------------------------------------------------------------------------------------|--------------|---------|
| 1-1/2" | 1-1/2" BSP (40mm) mild steel straight bore cap | AM11800 | \$190 |
| 2" | 2" BSP (50mm) mild steel straight bore cap | AM11801 | \$255 |
| 3" | 3" BSP (75mm) mild steel straight bore cap | AM11802 | \$845 |
| 4" | 4" BSP (100mm) mild steel straight bore cap | AM11803 | \$930 |
| 6" | 6" well head, mild steel flanged 90dg elbow with lifting lugs 6" BSPF inlet x 6" Table E flange outlet | AM11804 | \$1,265 |
| 8" | 8" well head, mild steel flanged 90dg elbow with lifting lugs 8" column thread inlet x 8" Table E flange outlet | AM11805 | \$1,900 |
| 10" | 10" well head, mild steel flanged 90dg elbow with lifting lugs 10" column thread inlet x 10" Table E flange outlet | AM11806 | \$2,110 |

Bore Caps - Well Heads 304 STAINLESS STEEL



| Size | Description | Order Number | Price |
|--------|------------------------------------------------------------------------------------------------------------------|--------------|---------|
| 1-1/2" | 1-1/2" BSP (40mm) 304 SS straight bore cap | AM11807 | \$330 |
| 2" | 2" BSP (50mm) 304SS straight bore cap | AM11808 | \$360 |
| 3" | 3" BSP (75mm) 304SS straight bore cap | AM11809 | \$1,270 |
| 4" | 4" BSP (100mm) 304SS straight bore cap | AM11810 | \$1,430 |
| 6" | 6" well head, 304SS flanged 90dg elbow with lifting lugs 6" BSPF inlet x 6" Table E flange outlet | AM11811 | \$1,770 |
| 8" | 8" well head, 304SS flanged 90dg elbow with lifting lugs 8" column thread inlet x 8" Table E flange outlet | AM11812 | \$2,740 |
| 10" | 10" well head, 304SS flanged 90dg elbow with lifting lugs 10" column thread inlet x 10" Table E flange outlet | AM11813 | \$3,380 |

Other size well heads are available to order, POA

8" and 10" well heads, column thread can be adapted to flange, POA



Pumping Accessories

Couple submersible pump to motor

| Motor Size | Description | Order Number | Price |
|------------|---------------------------------------|--------------|-------|
| 4" | Couple 4" submersible pump and motor | AM11698 | \$105 |
| 6" | Couple 6" submersible pump and motor | AM11699 | \$160 |
| 8" | Couple 8" submersible pump and motor | AM11700 | \$210 |
| 10" | Couple 10" submersible pump and motor | AM11701 | \$265 |
| 12" | Couple 12" submersible pump and motor | AM11702 | \$315 |

Submersible motors are coupled/fitted to the submersible pump and motor lead installed in cable guard

Pack and Crate of submersible pump & motor assembly

| Motor Size | Description | Order Number | Price |
|------------|-----------------------------------------------------|--------------|-------|
| 4" | Pack 4" submersible pump and motor in timber crate | AM11703 | \$105 |
| 6" | Pack 6" submersible pump and motor in timber crate | AM11704 | \$210 |
| 8" | Pack 8" submersible pump and motor in timber crate | AM11705 | \$315 |
| 10" | Pack 10" submersible pump and motor in timber crate | AM11706 | \$420 |

Wooden crate, fully enclosed

Submersible pumps and submersible motor are usually sold and despatched in separate crates

Performance testing of pump motor assembly

| Motor Size | Description | Order Number | Price |
|------------|-----------------------------------------------------------------------|--------------|---------|
| 6" | Mechanical run and performance testing of 6" submersible pump | AM11710 | \$635 |
| 8" | Mechanical run and performance testing of 8" submersible pump | AM11711 | \$950 |
| 10" | Mechanical run and performance testing of 10" submersible pump | AM11712 | \$1,320 |
| 12" | Mechanical run and performance testing of 12" submersible pump | AM11713 | \$1,900 |
| All | Mechanical run and performance testing pump to customers requirements | AM11714 | POA |

Pump testing to ISO 9006:2012 and AS/ISO 9006:2018



Series 100 Flexibore Flexible Riser Hose



| | Hose | Couplings 304SS | Joiner 304SS | Cable ties |
|--------------------------------------------|--------------------|---------------------|---------------------|-------------------|
| | per metre | per set | each | each |
| Hose Diameter 32mm (1-1/4") | AM11750 \$16.80 | AM11751 \$132.00 | AM11752 \$215.00 | AM11753 \$1.15 |
| 50mm (2") | AM11754 18.65 | AM11755 \$195.00 | AM11756 \$285.00 | AM11757 \$1.15 |

Notes:

Each flexible hose assembly requires 2 sets of couplings, one on each end
 Fit 2 x cable ties at each loop for 50M or longer hose and 1 cable tie each loop up to 50M
 Refer to installation manual for up to date information

Install Roller

| |
|---------|
| AM11758 |
| \$690 |



Suits both 4" and 6" bores



Series 250 Flexibore Flexible Riser Hose



| Hose Diameter | Flat hose mm | Coupl OD mm | Hose | Couplings 304SS | Couplings 316SS | Joiners 316SS | Straps | Cable ties |
|------------------|--------------|-------------|-------------|--------------------------------|----------------------------|---------------|------------------|------------------|
| | | | per metre | 2 sets per bore per set | 2 sets per bore per set | each | Option 1 each | Option 2 each |
| 40mm (1-1/2") | | 70 | AM11759 | AM11760 | AM11761 | na | AM11762 | AM11763 |
| | | | \$25.21 | \$305.00 | \$550.00 | | \$6.60 | \$1.97 |
| 50mm (2") | | 90 | AM11764 | AM11765 | AM11766 | na | AM11767 | AM11768 |
| | | | \$35.19 | \$335.00 | \$590.00 | | \$7.48 | \$1.97 |
| 75mm (3") | 120 | 115 | AM11769 | AM11770 | AM11771 | AM xxx | AM11772 | AM11773 |
| | | | \$85.75 | \$630.00 | \$1,070.00 | | \$7.78 | \$1.97 |
| 100mm (4") | 160 | 140 | AM11774 | AM11775 | AM11776 | AM xxx | AM11777 | AM11778 |
| | | | \$140.00 | \$810.00 | \$1,380.00 | | \$8.37 | \$1.97 |
| 125mm (5") | 200 | 170 | AM11779 | AM11780 | AM11781 | na | AM11782 | AM11783 |
| | | | \$190.00 | \$1,140.00 | \$1,940.00 | | \$8.86 | \$3.15 |
| 150mm (6") | 240 | 190 | AM11784 | AM11785 | AM11786 | na | AM11787 | AM11788 |
| | | | \$220.00 | \$1,325.00 | \$2,250.00 | | \$9.65 | \$3.15 |
| 200mm (8") | 320 | 270 | AM11789 | na | AM11790 | na | AM11791 | AM11792 |
| | | | \$375.00 | not avail | \$4,915.00 | | \$9.95 | \$3.15 |
| | | | | 200mm Wire whip Br hosetail | AM11796 | | | |
| | | | | \$4,725.00 | | | | |
| 250mm (10") | 400 | 328 | AM11795-100 | na | AM11795-105 | na | AM | AM |
| | | | POA | not avail | POA | | POA | POA |



Notes:

Each flexible hose assembly requires 2 sets of couplings, one on each end

At each hose loop Option 1: Fit 1 strap every 1 metre for 75-200mm or 2 metre for 40-50mm hose

Option 2: Fit 2 cable ties every 1 metre for 75 - 250mm or every loop for 40-50mm hose

Refer to installation manual for up to date information

Flat hose mm width & coupling OD mm dimensions as a guide only

| | | |
|----------------------------------|---------|----------------------------------------|
| Installation Roller (6.0 tonnes) | AM11793 | POA for 10 tonne roller assy |
| | \$5,555 | |
| Lifting Clamps (1.3 tonnes) Std | AM11794 | POA for 3.5 and 4 tonne lifting clamps |
| | \$1,370 | |
| Break off Plug unit | AM11795 | Brass break off plug only |
| | \$190 | POA for fitted into coupling |



Soft Starters - SS

Sterling Pumps offers a range of Irrigation, Pivot and general Soft Starters within enclosures to suit your pumping and control requirements.

All Soft Starters are pre-programmed with common parameters for quick in field setup

Economy Soft Starters (EPS)

- Powder coated steel enclosure IP56
- Internal escutcheon door (no door interlock required)
- Main switch
- By-Pass contactor
- Thermal Overload protection
- Manual-Off-Auto selector
- Adjustable start current 300-600% time FLC
- Add or subtract option/features as required

Irrigation Soft Starters (ISS)

- Powder coated steel enclosure IP56
- Internal escutcheon door (no door interlock required)
- Main switch
- By-Pass contactor
- Thermal Overload protection
- Manual-Off-Auto selector
- Low Pressure shutdown
- 30 hour manual set/auto stop irrigation timer
- Adjustable start current 300-600% time FLC
- Add or subtract option/features as required

Centre Pivot Soft Starters (CPS)

- Powder coated steel enclosure IP56
- Internal escutcheon door (no door interlock required)
- Main switch
- By-Pass contactor
- Thermal Overload protection
- Manual-Off-Auto selector
- High and Low Pressure switches / lights for shutdown
- 30 hour manual set/auto stop irrigation timer
- Adjustable start current 300-600% time FLC
- 24V ac pivot link circuit (start pivot from pump)
- Add or subtract option/features as required

OPTIONS

- | | |
|------------------------------------------|---------------------------------------|
| Ammeter CT operated | High Pressure protection |
| Hours Run meter | Pt100 over temperature protection |
| No Flow circuit with time delay | Thermistor over temp relay |
| Low level protection circuit with relay | Phase failure and rotation protection |
| Pivot 1 / Pivot 2 selector | High Wind shutdown circuit and sensor |
| Digital Time control in lieu of standard | Low vacuum switch with time delay |
| Start delay timer | Flow Switches |
| 24 Hour time clock | 20kA Lightning Protection |
| Remote SMS start/stop via smart phone | |



Variable Speed Drives - VSD

Sterling Pumps offers a range of Irrigation, Pivot and general pumping VSD starters within enclosures to suit your pumping and control requirements.

All Variable Speed Drives are pre-programmed with common parameters for quick in field setup

General VSD (EPS-VSD)

- Powder coated steel enclosure IP54
- Internal escutcheon door (no door interlock required)
- Ventilated enclosure, inlet with filter and outlet vent
- Main switch
- Set point via potentiometer
- Inbuilt pressure transducer 0-16 Bar 4-20mA
- Manual-Off-Auto selector
- VSD screen on outer door
- Add or subtract option/features as required

Centre Pivot VSD (CPS-VSD)

Suitable for Centre Pivots and Laterals

- Powder coated steel enclosure IP54
- Internal escutcheon door (no door interlock required)
- Ventilated enclosure, inlet with filter and outlet vent
- Main switch
- Set point via potentiometer
- Inbuilt pressure transducer 0-16 Bar 4-20mA
- Manual-Off-Auto selector
- VSD screen on outer door
- High and Low Pressure switches / lights for shutdown
- Digital Time clock
- 24V ac pivot link circuit (start pivot from pump)
 - If pivot stops or out of line, pump stops
 - If pump stops, pivot will stop
- Add or subtract option/features as required

OPTIONS

| | |
|------------------------------------------|----------------------------------------------|
| Ammeter CT operated | High Pressure protection |
| Hours Run meter | Pt100 over temperature protection (sub mtrs) |
| No Flow circuit with time delay | Thermistor over temp relay |
| Low level protection circuit with relay | Phase failure and rotation protection |
| Pivot 1 / Pivot 2 selector | High Wind shutdown circuit and sensor |
| Digital Time control in lieu of standard | Low vacuum switch with time delay |
| Start delay timer | Flow Switches (F60 - F29) |
| 24 Hour time clock | 20kA Lightning Protection |
| Remote SMS start/stop via smart phone | 4-20mA, 16 Bar transducer |

Sine/output filters are required for all submersible motor applications when cable run is greater than 20 metres.

TERMS AND CONDITIONS OF SALE – July 2015

Payment terms

The terms of payment are strictly thirty (30) days (or such other period as nominated

by the supplier) from the end of the month. Sterling Pumps Pty Ltd ABN 57 108 899 305 and its related bodies corporate (as that term is defined in the *Corporations Act 2001*) (**Supplier**) may, at any time, unilaterally vary the terms of trade in its absolute and unfettered discretion. The Supplier may request that milestone payments are made. It such request is made it will be made on such conditions as the Supplier may stipulate in writing at its absolute discretion.

1. Should the Applicant not pay within the time then the provisions of clause 62 will come into effect.

Prices

2. Unless otherwise stated all prices quoted by the Supplier are net, exclusive of Goods and Services Tax (GST).
3. Prices quoted are those at the date of issue of quotation and are based on rates of freight, insurance, customs duties, exchange, shipping expenses, sorting and stacking charges, cartage, rate of weights, cost of materials and other charges affecting the cost of production ruling on the date the quote is made.
4. If the Supplier makes any alterations to the price of the goods or to any of their inputs either before acceptance of or during the currency of the contract, these alterations are to the Applicant's account.
5. The Supplier reserves the right to charge an insurance, freight and handling fee (including GST) on any order below a minimum amount to be determined at the Supplier's discretion.
6. The Supplier may charge the Applicant a fee of up to 10% of its costs for any stock held by it for the Applicant.

Delivery

7. The delivery times made known to the Applicant are estimates only and the Supplier is not liable in any way for late delivery or non-delivery.
8. The Supplier is not liable for any loss, damage or delay (whether direct or indirect) occasioned to the Applicant or its customers arising from late or non-delivery or late installation of the goods or the provision of services.
9. The Supplier may at its option deliver the goods to the Applicant in any number of instalments unless there is an agreement to the effect that the Applicant will not take delivery by instalments.
10. If the Supplier delivers any of the goods by instalments, and any one of those instalments is defective for any reason:
 - (a) it is not a repudiation of the contract of sale formed by these conditions; and
 - (b) the defective instalment is a severable breach that gives rise only to a claim for compensation.
11. The goods are at the Applicant's risk once delivered to the carrier or collected from the Supplier.

Loss or damage in transit

12. The Supplier is not responsible to the Applicant or any person claiming through the Applicant for any loss or damage (whether direct or indirect) to goods in transit caused by any event of any kind by any person or otherwise.

Return of goods

13. The Supplier is not under any duty to accept goods returned by the Applicant and will do so only on terms to be agreed in writing in each individual case. Specially manufactured or repaired goods are not acceptable for return or cancellation.
14. If the Supplier agrees to accept returned goods from the Applicant under clause 14, the Applicant must return the Goods to the Supplier at the Supplier's place of business as its cost.

Cancellation

15. No order may be cancelled by the Applicant except with consent in writing of the Supplier and on terms deemed reasonable by the Supplier.

Jurisdiction

16. The Applicant agrees that this agreement will be governed by the laws of Victoria, and the laws of the Commonwealth of Australia which are in force in Victoria.
17. The Applicant agrees that any contract for the supply of goods or services between the Supplier and the Applicant is formed at the address of the Supplier.
18. The parties to this agreement submit to the non-exclusive jurisdiction of the courts of Victoria and the relevant state and federal courts and courts competent to hear appeals from those courts.

Security/charges

19. The Applicant charges in favour of the Supplier all of its estate and interest in any real or personal property that the Applicant owns at present and in the future with the amount of its indebtedness hereunder until discharged. The Applicant appoints as its duly constituted attorney the Supplier's company secretary to execute in the Applicant's name and as the Applicant's act any, deed any real property mortgage or consent to any caveat the Supplier may choose to lodge against real property that the Applicant may own in any Land Titles Office in any state or territory of Australia. Where the Applicant has previously entered into an agreement with the Supplier by which the Applicant has granted a charge, mortgage or other security over real or personal property, those charges, mortgages or other security interests created in this agreement. The Supplier may, at its election, vary the terms of such previous charges, mortgages or other securities to reflect the terms herein.

Supplier's quotations

20. Unless previously withdrawn the Supplier's quotations are open for acceptance within the period stated in them or, when no period is so stated, within thirty (30) days. The Supplier reserves the right to refuse any order based on this quotation within seven (7) days after the receipt of the order.
21. The Supplier shall use reasonable endeavours to fill orders accepted by it but will in no event be liable or responsible to the Applicant or any third party for any failure or inability to supply goods ordered by the Applicant.
22. The Supplier reserves the right to withdraw any good or any ranges of goods from sale notwithstanding that such goods may be displayed in lists of goods available for purchase.
23. Prices quoted refer to the entire quotation and are subject to change if only part is ordered.
24. It is the Applicant's responsibility to check all specifications, selections, recommendations and engineering data, instructions including, inter alia, particulars of weight and dimensions ('specifications') submitted by the Applicant to the Supplier. Any deviation or variance by the Supplier from the specifications does not vitiate any contractual agreement entered into by the parties nor gives rise to any claim, action or liability resulting from any variance or by reason of any deviation from the specifications as against the Supplier. The provisions of this clause shall not apply insofar as their applications is prevented by the Competition and Consumer Act 2010 or any other State or Territory laws.

Substitution

27. While description of the goods and brochures accompanying any quotations are as accurate as possible, the Supplier reserves the right to supply the goods with such modifications and specifications at the Supplier's discretion.

Performance

28. Any performance figures or other data given by the Supplier are estimates only. The Supplier is under no liability for damages for failure of the goods to attain such figures unless specifically guaranteed by the Supplier in writing. Any such written guarantees are subject to the recognised tolerances applicable to such figures. It is acknowledged and recognized by the Applicant that any guarantee given by the Supplier is subject to the correct installation of the goods and any specifications are "as measured" within the test environment of the Supplier. Furthermore, the Applicant (or its Employee or Agents) is entitled to view the performance of the goods at the Supplier's premises. A failure to inspect the goods in this regard will disentitle the Applicant from making any future claim about the specifications of the goods. Any inspection by the Applicant will be taken as being acceptance by it of the goods unless otherwise immediately advised in writing to the Supplier.

Purpose of credit

29. The Applicant acknowledges and agrees that the credit to be provided to the Applicant by the Supplier is to be applied wholly or predominantly for commercial purposes.

Formation of contract

30. Quotations made by the Supplier will not be construed as an offer or obligation to supply in accordance with the quotation. The Supplier reserves the right to accept or reject, at its discretion, any offer to purchase received by it. Only written acceptance by the Supplier of the Applicant's offer will complete a contract.
31. Placement of an order, either verbally or in writing, will imply acceptance of the Supplier's offer and of these terms and conditions.
32. For the sake of clarity the Supplier rejects any proposed terms and conditions proposed by the Applicant (however described) unless such terms and conditions are accepted in writing by the Supplier.

Retention of title

33. Whilst the Applicant has not paid for the goods supplied in full at any time, the Applicant agrees that property and title in the goods will not pass to the Applicant and the Supplier retains the legal and equitable title in those goods supplied and not yet sold until payment in full has been received by the Supplier.
34. Until payment in full has been made to the Supplier, the Applicant will hold the goods in a fiduciary capacity for the Supplier and agrees to store the goods in such a manner that they can be identified as the property of the Supplier.
35. The Applicant will be entitled to sell the goods in the ordinary course of its business, but until full payment for the goods has been made to the Supplier, the Applicant will sell as agent and bailee for the Supplier and the proceeds of sale of the goods will be held by the Applicant on trust for the Supplier absolutely.
36. The Applicant's indebtedness to the Supplier, whether in full or in part, will not be discharged by the operation of clause 34 unless and until the funds held on trust are remitted to the Supplier.
37. The Applicant agrees that whilst property and title in the goods remains with the Supplier, the Supplier has the right, with or without prior notice to the Applicant, to enter upon any premises occupied by the Applicant (or any receiver, receiver and manager, administrator, liquidator or trustee in bankruptcy of the Applicant) to inspect the goods of the Supplier and to repossess the goods which may be in the Applicant's possession, custody or control when payment is overdue.
38. The Applicant will be responsible for the Supplier's costs and expenses in exercising its rights under clause 36. Where the Supplier exercises any power to enter the premises, that entry will not give rise to any action of trespass or similar action on the part of the Applicant against the Supplier, its servants or agents.
39. The Applicant agrees that where the goods have been retaken into the possession of the Supplier, the Supplier has the absolute right to sell or deal with such goods.
40. For the avoidance of doubt, the Supplier's interest constitutes a 'purchase money security interest' pursuant to the *Personal Property Securities Act 2009*.

Warranty

41. The Supplier's liability for goods manufactured by it is limited to making good any defects by repairing the defects or at the Supplier's option by replacement, within a period not exceeding eighteen(18) calendar months after the goods have been dispatched or 12 calendar months after installation (whichever is the earlier period) so long as:
 - (a) defects have arisen solely from faulty materials or workmanship;
 - (b) the goods have been subject to maltreatment, inattention, interference or adverse site conditions;
 - (c) additives of any kind used by the Applicant are manufactured by or approved by the Supplier;
 - (d) the goods have been correctly installed and operated in accordance with the Supplier's recommendations.; and
 - (e) the defective goods are promptly returned free of cost to the Supplier.
42. If the goods are not manufactured by the Supplier the guarantee of the manufacturer of those goods is accepted by the Applicant and is the only guarantee given to the Applicant in respect of the goods. The Supplier agrees to assign to the Applicant on written request made by the Applicant the benefit of any warranty or entitlement to the goods that the manufacturer has granted to the Supplier under any contract or by law.
43. The Supplier is not liable for and the Applicant releases the Supplier from any claims in respect of faulty or defective design or specification of any goods.
44. Except as provided in these conditions, all express and implied warranties, guarantees and conditions under statute or general law as to merchantability, description, quality, suitability or fitness of the goods for any purpose or as to design, assembly, installation, materials or workmanship or otherwise are expressly excluded. The Supplier is not liable for physical or financial injury, loss or damage or for consequential loss or damage of any kind arising out of the supply, layout, assembly, installation or operation of the goods or arising out of the Supplier's negligence or in any way whatsoever.
45. The Supplier makes no representation or warranty to the Applicant, other than those imposed by the law and incapable of exclusion, express or implied, as to the suitability of the goods, or any other component part of the goods supplied, for any purpose whatsoever.
46. It is expressly acknowledged by the Applicant that the Supplier has no way of knowing the purpose intended by the Applicant for the purchased goods.
47. The Applicant expressly acknowledges that any representations made by the Supplier, either in writing or orally, were not relied upon by the Applicant in its decision to purchase and use the goods.
48. It is agreed that the Applicant will abide by the recommendations of the Supplier as to installation of the goods. It is acknowledged that failure to do so may result in the warranty being void.
49. The Supplier's liability for a breach of a condition or warranty implied by the Competition and Consumer Act 2010 is limited to:
 - (a) in the case of goods, any one or more of the following:
 - (i) the replacement of the goods or the supply of equivalent goods;
 - (ii) the repair of the goods;
 - (iii) the payment of the cost of replacing the goods or of acquiring equivalent goods; or
 - (iv) the payment of the cost of having the goods repaired; or
 - (b) in the case of services:
 - (i) the supplying of the services again; or
 - (ii) the payment of the cost of having the services supplied again.
50. The Supplier's liability under s 274 of the Competition and Consumer Act 2010 is expressly limited to a liability to pay to the Applicant an amount equal to:
 - (a) the cost of replacing the goods;
 - (b) the cost of obtaining equivalent goods; or
 - (c) the cost of having the goods repaired, whichever is the lowest amount.

Please see Operating Manual for explanation and conditions of warranty.

51. Nothing in this agreement shall be read or applied so as to purport to exclude, restrict or modify or have the effect of excluding, restricting or modifying the application in relation to the supply of any goods and/or services pursuant to this agreement of all or any of the provisions of the Competition and Consumer Act 2010 or any relevant State or Federal Legislation which by law cannot be excluded, restricted or modified.

Cancellation of terms of credit

52. The Supplier reserves the right to withdraw credit at any time, whether the Applicant is in default under the terms of this agreement or not.
53. Upon cancellation (with or without) notice all liabilities incurred by the Applicant become immediately due and payable to the Supplier.

Indemnity

54. The Applicant agrees to indemnify the Supplier and keep the Supplier indemnified against any claim arising in connection with this agreement. This indemnity includes, but is not limited to, any legal fees and expenses the Supplier incurs in order to enforce its rights, on a full indemnity basis.

Provision of further information

55. The Applicant undertakes to comply with any request by the Supplier to provide further information for the purpose of assessing the Applicant's creditworthiness, including an updated credit application.

Corporations

56. If the Applicant is a corporation, the Applicant warrants that all of its directors have signed this agreement and that all of its directors will enter into a guarantee and indemnity with the Supplier in relation to the Applicant's obligations to the Supplier.

Insolvency

57. If the Applicant becomes insolvent, the Applicant remains liable under this agreement for payment of all liabilities incurred hereunder. The Applicant remains liable under this agreement even if the Supplier receives a dividend or payment as a result of the Applicant being insolvent.

Waiver

58. A waiver of any provision or breach of this agreement by the Supplier must be made by an authorised officer of the Supplier in writing. A waiver of any provision or breach of this agreement by the Applicant must be made by the Applicant's authorised officer in writing.
59. Until ownership of the goods passes, the Applicant waives its rights it would otherwise have under the PPSA:
 - (a) under section 95 to receive notice of intention to remove an accession;
 - (b) under section 118 to receive notice that the Supplier intends to enforce its security interest in accordance with land law;
 - (c) under section 121(4) to receive a notice of enforcement action against liquid assets;
 - (d) under section 129 to receive a notice of disposal of goods by the Supplier purchasing the goods;
 - (e) under section 130 to receive a notice to dispose of goods;
 - (f) under section 132(2) to receive a statement of account following disposal of goods;
 - (g) under section 132(4) to receive a statement of account if no disposal of goods for each 6 month period;
 - (h) under section 135 to receive notice of any proposal of the Supplier to retain goods;
 - (i) under section 137(2) to object to any proposal of the Supplier to retain or dispose of goods;
 - (j) under section 142 to redeem the goods;
 - (k) under section 143 to reinstate the security agreement; and
 - (l) under section 157(1) and 157(3) to receive a notice of any verification statement.

Costs

60. The Applicant must pay all costs incurred by the Supplier relating to any default by the Applicant.
61. The Applicant will pay the Supplier's costs and disbursements incurred in pursuing any recovery action, or any other claim or remedy, against the Applicant, including debt recovery fees and legal costs on a full indemnity basis. Such costs and disbursements will be due and payable by the Applicant to the Supplier irrespective of whether pursuit of the recovery action, claim or remedy is successful.

Taxes and duty

62. The Applicant must pay GST on any taxable supply made by the Supplier to the Applicant under this agreement.
63. If as a result of:
 - (a) any legislation becoming applicable to the subject matter of this agreement; or
 - (b) any changes in legislation or its interpretation by a court of competent jurisdiction or by any authority charged with its administration;the Supplier becomes liable to pay any tax, duty, excise or levy in respect of the amounts received from the Applicant, then the Applicant must pay the Supplier these additional amounts on demand.

Interest rates

64. The interest rate on any outstanding debts due to the Supplier are that as determined by the Penalty Interest Act 1983.

Service rates

65. All Service Rates are to be charged at those rates, and under those conditions, described in the Suppliers "Service Rates Terms & Conditions" as contained on its website, www.sterlingpumps.com.au. This Policy forms part of these Terms & Conditions.

Set-off

66. All payments required to be made by the Applicant to the Supplier under this agreement will be made free of any set-off, or counterclaim and without deduction or withholding.
67. Any amount due to the Supplier may be deducted from any monies which may be or may become payable to the Applicant by the Supplier.

Miscellaneous

68. The Supplier is not liable for any loss caused to the Applicant by reason of strikes, lockouts, fires, riots, war, embargoes, civil commotions, acts of God or any other activity beyond the Supplier's control.
69. The Supplier is not liable, whether claims are made or not, for loss of profit, economic or financial loss, damages, consequential loss, loss of opportunity or benefit, loss of a right or any other indirect loss suffered by the Applicant.
70. The Applicant will, at the request of the Supplier, execute documents and do such further acts as may be required for the Supplier to register the security interest granted by the Applicant under the PPSA.
71. The Applicant agrees to accept service of any document required to be served, including any notice under this agreement or the PPSA or any originating process, by prepaid post at any address nominated in this application or any other address later notified to the Supplier by the Applicant.
72. The Applicant further agrees that where the Supplier has rights in addition to those under part 4 of the PPSA, those rights will continue to apply.
73. The Applicant irrevocably grants to the Supplier the right to enter upon the Applicant's property or premises, without notice, and without being in any way liable to the Applicant or to any third party, of the Supplier has cause to exercise any of their rights under sections 123 and/or 128 of the PPSA, and the Applicant shall indemnify the Supplier from any claims made by any third party as a result of such exercise.

Severance

74. If any provision of this agreement is not enforceable in accordance with its terms, other provisions which are self-sustaining are, and continue to be, enforceable in accordance with their terms.
75. If any part of this agreement is invalid or unenforceable, that part is deleted and the remainder of the agreement remains effective.

Variation

76. The Applicant agrees that these terms and conditions may be varied, added to, or amended by an authorised officer of the Supplier at any time by written notice to the Applicant.
77. Any proposed variation to these terms and conditions by the Applicant must be requested in writing. The Supplier may refuse any such request without providing reasons either orally or in writing.

Consent to register

78. The Applicant hereby consents to the Supplier recording the details of this Agreement on the Personal Property Securities Register and agrees to do all things necessary and reasonably required by the Supplier to effect such registration.
79. The Applicant waives any right or entitlement to receive notice of the registration of any security interest(s) created by this instrument on the Personal Property Securities Register.

Entire agreement

80. This agreement constitutes the entire agreement between the parties relating in any way to its subject matter. All previous negotiations, understandings, representations or warranties about the subject matter of this agreement are merged in this agreement and are of no further effect. No oral explanation or information provided by a party to another affects the meaning or interpretation of this agreement or constitutes any collateral agreement, warranty or understanding.

Privacy Act

81. The Applicant agrees to the terms of the *Privacy Act 1988* authorisation contained in this agreement see Schedule 1.
82. The Applicant also warrants that it has read (or has had the opportunity to read) the Suppliers Privacy Act Policy as described and listed on its website, www.sterlingpumps.com.au. This Policy forms part of these terms and conditions of this agreement.

Warranty

83. The Applicant warrants that it has understood all of the information contained in this agreement.

Sterling Pumps Pty Ltd

ABN 57 108 899 305

14 Sharnet Circuit,

Pakenham VIC 3810

www.sterlingpumps.com.au



WARRANTY STATEMENT

Sterling Pumps are guaranteed to be free of defects in material and workmanship for a period of one (1) year from the date of installation or eighteen (18) months from the date of manufacture, whichever is less, and the product has been properly used and cared for. Should any Sterling Pump or parts prove defective within the warranty period, the pump or parts (at our option) will be repaired or replaced, F.O.B. our factory, without charge, provided the defective pump or parts are returned transportation charges prepaid. No allowances will be made for labour, transportation, or other charges incurred in the replacement or repair of defective parts by customer. We will not be responsible for labour charges, loss, or damage caused by defective parts.

The warranty does not apply when damage is caused by sand or abrasive materials pumped with the water, corrosion due to acid waters, careless handling, misapplication, improper installation, or operation.

It is agreed that the user will abide by the recommendations of STERLING PUMPS PTY LTD as to the installation of the pump. The pump must be installed by suitably qualified personnel. A failure to do so may result in this Warranty being void.

Other equipment and/or accessories not manufactured by STERLING PUMPS PTY LTD, but furnished with Sterling Pumps, shall be subject to the warranty as provided by the manufacturer of said equipment and/or accessories. STERLING PUMPS PTY LTD will not be responsible for labour charges, mileage charges, loss or consequential damage of any kind or characteristic caused by defective parts, or for other charges incurred in the replacement or repair of defective parts by Purchaser.

This warranty is a **LIMITED** warranty. Anything in the warranty notwithstanding, **IMPLIED WARRANTIES FOR PARTICULAR PURPOSE AND MERCHANTABILITY SHALL BE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY. MANUFACTURER EXPRESSLY DISCLAIMS AND EXCLUDES ANY LIABILITY OF CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.**



TYPES of FAILURES that are NOT WARRANTY*

| For electric motors, submersible and surface mounted: |
|-------------------------------------------------------------------------|
| Incorrect voltage; high voltage, low voltage |
| Voltage surges, power surges from grid power or a generator |
| Lightning strikes or surges from lightning |
| Incorrect cooling flow/velocity |
| Excessive starting and stopping |
| Incorrect water flow over the submersible motor leading to overheating |
| Hot water over motor size rated temperature |
| Corrosion of motor from compounds in the water |
| Corrosion of the motor from stray DC current/voltages/electrolysis |
| Top feeding, cascading bores for submersible motors |
| Incorrect or no 3 phase overload protection |
| Too small a drop cable, starving the motor of voltage |
| Incorrect or poor quality cable splice from the motor to the drop cable |
| Damaged or cut submersible motor lead and/or drop cable |
| Using orange circular cable as submersible drop cable |
| Incorrect kW start panel to kW motor |
| Incorrect wiring of motor leads into control panel |
| Incorrect ramp times on Soft Starters and Variable Frequency Drives |
| Damaged mechanical seals from grit or sand |
| Flooding of surface mounted motors |
| Water inside surface mounted motors |
| Worn splines on submersible motors |
| Back spinning of submersible motor causing bearing wear |
| Broken shaft |
| Encrustation of motor shell leading to overheating of submersible motor |

| For pumps: |
|---------------------------------------------------------------------------|
| Water hammer, water shocks and resultant damage |
| Cavitation |
| Dry running, no water in the bore, tank, wet well or pipeline |
| Incorrect placement of the bore pump into the screens |
| Side loading of bearings, incorrect attachment/alignment of pump to motor |
| Broken shaft |
| Build up of sand – lime -iron oxide - calcium |
| Block/obstructed inlet strainer |
| No oil in Oil Lubricated Line Shaft pump column |
| Corrosion of pump from compounds in the water |

*The above is not a complete list, offered as a guide only. These types of failures are caused by/from the site, installer or operator relating to incorrect installation and/or operation and/or site condition.

| |
|------------------------------------------------------------|
| Unauthorised dismantling of product within warranty period |
|------------------------------------------------------------|

Refer to Sterling Pumps warranty for more details.



CONSUMER WARRANTY – AUSTRALIA only

1

Nothing in this warranty is intended to exclude, restrict or modify any rights that a party may have under Commonwealth and/or State consumer protection legislation that cannot be excluded, restricted or modified. The benefits of this warranty are in addition to other rights and remedies that the Purchaser has under a law in relation to the goods.

2

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

3

To the extent permitted by law, where the Purchaser acquires a product as a 'consumer' within the meaning of the Australia Consumer Law, but where the product or is of a type that is not of a kind ordinary acquired for personal, domestic or household use or consumption, Sterling Pumps Pty Ltd's liability is limited to:

- (a) The cost of replacing the goods or
- (b) The cost of obtaining equivalent goods or
- (c) The cost of having the goods repaired

which-ever is the lowest amount.

4

Where the Purchaser has a remedy against Sterling Pumps under Part 5-4 of the Australian Consumer Law, Sterling Pumps liability will be determined in accordance with Part 5-4 of the Australian Consumer Law. In all other cases the following provisions apply:

- (a) Sterling Pumps guarantee its products will be free from defects in workmanship and materials, will perform consistently with samples previously supplied to the Purchaser and will conform to applicable specifications published by Sterling Pumps or otherwise agreed to between the Purchaser and Sterling Pumps for a period of no less than 1 year (12 months) from date of installation or 18 months from the date of manufacture, whichever occurs first.
- (b) Any Sterling Pumps product found to be defective within the Warranty period shall be repaired or replaced by Sterling Pumps at Sterling Pumps sole election. No allegedly defective products shall be returned to Sterling Pumps however, without Sterling Pumps prior written authorisation and delivery instruction.
- (c) Sterling Pumps makes no warranty, expressed or implied, with respect to the products acquired by the Purchaser except as set forth in this warranty. Sterling Pumps shall not be liable for any Purchase's incidental expenses (including costs of inspection, testing, storage or transportation), any other charges, costs, or expenses, or consequential damages incurred by Purchaser or by any third party (including lost profits, liability to third parties' requirements) regardless of whether Sterling Pumps is shown to be at fault and regardless of whether there is shown to have been a defect in materials or workmanship, negligence in manufacture or design, or failure to warn. Notwithstanding paragraph 4(b) above, in the event that Sterling Pumps is liable in any way Sterling Pumps liability shall not exceed the amounts paid by the Purchaser for the products.



- (d) Sterling Pumps has the right to inspect any product returned under warranty to confirm that the product contains a defect in material or workmanship. If Sterling Pumps determines that the products is covered by warranty, Sterling Pumps shall have sole right to choose whether to repair or replace the defective equipment, parts or components.
- (e) The warranty does not apply to products damaged as an act of god, including lightning, normal wear and tear, normal maintenance services and parts used in connection with such services, installation and operation outside of installation, operational and maintenance literature, design limitations, or any other matters beyond the control of Sterling Pumps. Refer to our web site www.sterlingpumps.com.au for a list of site, installation, operational circumstances that are not covered by this warranty.
- (f) This warranty will immediately void if any of the following conditions are found:
- (i) Product is used for any purpose other than those for which it was designed and manufactured.
 - (ii) Product was not installed in accordance with any applicable codes, ordinances and industry best practice and/or installation operation and maintenance manuals, instructions or training provided by Sterling Pumps Pty Ltd.
 - (iii) Product was damaged as a result of negligence, abuse, accident, misapplication, tampering, alteration, improper installation, operation, maintenance or storage, unauthorised dismantling, nor to an operation in excess of recommended maximum operational settings or performance limitations as set forth in the product installation, operating and maintenance manuals.

5

All other liability of Sterling Pumps whether arising from negligence or otherwise, is expressly excluded.

6

For the avoidance of doubt, if after inspection of any product returned to it, sterling Pumps form the view that neither Part 5-4 of the Australian Consumer Law applies and is not covered by warranty, but nevertheless decides to offer a commercial replacement, this is not to be construed as an admission of liability and Sterling Pumps shall not under any circumstances be liable for any removal, reinstall costs or third party costs associated with our offer.

7

This warranty is offered by:

Sterling Pumps Pty Ltd

ABN 57 108 899 305

14 Sharnet Circuit, Pakenham, Victoria, 3810

Telephone: 03 5941 3400

Email: sales@sterlingpumps.com.au

To claim under this ACL consumer warranty:

Please submit in writing, by email or fax or letter,

- Your contact details: phone (fixed or mobile), email address if applicable
- The location of the product and installation.
- Product used for, brief explanation of your use.

- Product model
- Product serial number
- Date of purchase



- Purchased from – Sterling Pumps and contact phone (fixed or mobile) number or email address
- Copy of your Tax Invoice for the goods
- Date of installation or date of commissioning
- Installed by – Installers name and phone (fixed or mobile) number or email address

- Date of failure
- Brief explanation of what you have done to get the product working again: contacted selling dealer or installer?
- Any other information that you feel is relevant to your installation or the product failure.

End

Issued July 2017



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14 Sharnet Circuit, Pakenham, VIC, 3810
P: 03 5941 3400 F: 03 5940 2645
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