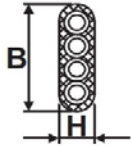


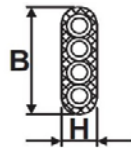
## Submersible Motor lead sizes

### 6" motors

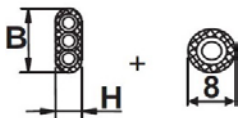


kW	Starting method	Number of conductors	Diameter $\phi$ mm <sup>2</sup>	B x H mm	Length M
5.5 to 11	DOL	1 x 4C	2.5mm <sup>2</sup>	17.8 x 7	3
15 to 22	DOL	1 x 4C	4mm <sup>2</sup>	20.8 x 8	3
26 to 45	DOL	1 x 4C	6mm <sup>2</sup>	24.3 x 8	3

### 8" motors

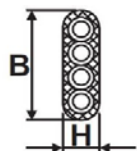


kW	Starting method	Number of conductors	Diameter $\phi$ mm <sup>2</sup>	B x H mm	Length M
22	DOL	1 x 4C	4mm <sup>2</sup>	17.2 x 7.4	3
26 to 30	DOL	1 x 4C	6mm <sup>2</sup>	18.7 x 8	3
37 to 93	DOL	1 x 4C	16mm <sup>2</sup>	37.6 x 14	5

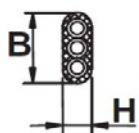


110	DOL	1 x 3C 1 x 1C	35mm <sup>2</sup> 16mm <sup>2</sup>	35 x 15.3 8 $\phi$	5
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### 10" motors



kW	Starting method	Number of conductors	Diameter $\phi$ mm <sup>2</sup>	B x H mm	Length M
55 to 93	Y $\Delta$	2 x 4C	16mm <sup>2</sup>	37.6 x 14	5
		2 x 3C*	16mm <sup>2</sup>	28 x 12.2	5
110 to 185	Y $\Delta$	2 x 3C*	50mm <sup>2</sup>	45.5 x 20.5	5



\*A separate earth lead must be supplied by the installer

Y  $\Delta$  = Wye Delta or Star Delta windings

Motor lead material is drinking water compatible

Dimensions given as a guide, if critical, contact Sterling Pumps.

Motor leads are considered to be a part of the motor windings.

The motor lead is rated for use in water only and must be always fully submerged.

The splice should also be fully submerged in water.

The drop cable is rated and sized for use in air with radiated solar heat, which is why the drop cable is usually of a larger diameter than the motor lead diameter