



Features :

- Cable Size
1.5 Sq.mm
2.5 Sq.mm
4.0 Sq.mm

Applications :

- 4" Submersible Pump
- 6" Submersible Pump



CABLE SELECTION CHART

Submersible Pumpset Cable Selection Chart For 415V - Three Phase - 50 Hz

PERFORMANCE CHART

HP	LENGTH IN METERS																				
	10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	250	300	350	400	450	500
1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	25	2.5	25	4	4
2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	25	4	4	4	4
3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	4	4	4	6	6	6
4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	4	4	4	4	6	6	6	10	10
5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	4	4	4	6	6	10	10	10	10
6	0.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	4	4	2.5	4	4	4	6	6	10	10	10	10	16
7.5S	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	6	6	6	10	10	10	16	16	16
7.5 D	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	4	4	4	4	6	6	10	10	10
10	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4	4	4	6	6	10	10	10	10	16
13	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	6	6	6	10	10	10	16	16	16
15	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	6	6	6	10	10	10	16	16	16	16
18	4	4	4	4	4	4	4	4	4	4	6	6	10	10	10	10	1	16	16	25	25
20	4	4	4	4	4	4	4	4	4	4	6	6	10	10	10	16	16	16	25	25	25
25	4	4	4	4	4	4	4	4	4	4	6	6	10	10	10	16	16	16	25	25	35
30	6	6	6	6	6	6	6	6	6	6	10	10	10	10	16	16	25	25	25	35	35
40	10	10	10	10	10	10	10	10	10	10	10	16	16	16	25	25	25	35	35	50	50
50	16	16	16	16	16	16	16	16	16	16	16	16	25	25	35	35	35	50	50	50	70
60	25	25	25	25	25	25	25	25	25	25	25	25	25	25	35	35	50	50	50	70	70
70	25	25	25	25	25	25	25	25	25	25	25	25	25	25	50	50	50	50	70	70	70
80	35	35	35	35	35	35	35	35	35	35	35	35	35	35	50	50	50	70	70	95	95

- Note: 1. HP 7.5D and above are STAR/DELTA motors
2. For STAR DELTA Starting reduce current by 1/3 for selecting suitable cable.

Example : For a 20 HP motor at 350 volts and 90 calculated length = $(415 / 350) \times 90 = 107$ m. The selected for 107m from the chart is 6 mm²

CABLE SELECTION CHART

Submersible Pumpset Cable Selection Chart for 220V - Three Phase - 50 HZ

PERFORMANCE CHART

HP	LENGTH IN METERS																			
	10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	250	300	350	400	450
0.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4	4	4	6	6	6	10
1	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	4	4	4	6	6	6	10	10	10	16
1.5	1.5	1.5	1.5	2.5	2.5	2.5	4	4	4	6	6	10	10	10	10	16	16	16	25	25
2	1.5	1.5	2.5	2.5	4	4	4	6	6	6	10	10	10	16	16	16	25	25	25	35
3	1.5	1.5	2.5	2.5	4	4	6	6	6	10	10	10	16	16	16	16	25	25	25	35
4	1.5	2.5	2.5	4	4	6	6	10	10	10	10	16	16	16	16	25	25	25	35	35
5	2.5	2.5	4	4	6	6	10	10	10	10	16	16	16	25	25	25	35	35	50	50

Conversion Table : 1 m = 3.28 ft
1 ft = 0.305 m

For other Voltages the cable size is to be selected as follows :
Calculated length : (220V) x actual length.