# RECOMMENDED CABLE SECTIONS

## 230V - Single Phase - 50Hz

| Nominal HP | Nominal kW | Cable Section mm² 1.5 | 2.5 | 4 | 6 | 10 | 16 | 25 | 35 | 50 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Maximum Cable Length in Metres | | | | | | | | |
| 0.5 | 0.37 | 90 | 140 | 230 | 340 | | | | | |
| 0.75 | 0.55 | 75 | 115 | 190 | 280 | 470 | | | | |
| 1 | 0.75 | 55 | 85 | 135 | 200 | 335 | 525 | | | |
| 1.2 | 0.9 | 50 | 80 | 120 | 180 | 300 | 470 | | | |
| 1.5 | 1.1 | 40 | 60 | 100 | 150 | 250 | 395 | | | |
| 2 | 1.5 | 35 | 50 | 80 | 120 | 190 | 300 | 470 | | |
| 3 | 2.2 | | 30 | 50 | 70 | 120 | 190 | 300 | 405 | |

## 400V - Three Phase - 50Hz

| Nominal HP | Nominal kW | Cable Section mm² 1.5 | 2.5 | 4 | 6 | 10 | 16 | 25 | 35 | 50 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Maximum Cable Length in Metres | | | | | | | | |
| 0.5 | 0.37 | 440 | | | | | | | | |
| 0.75 | 0.55 | 300 | 480 | 770 | | | | | | |
| 1 | 0.75 | 230 | 370 | 600 | | | | | | |
| 1.2 | 0.9 | 210 | 330 | 530 | | | | | | |
| 1.5 | 1.1 | 180 | 290 | 470 | | | | | | |
| 2 | 1.5 | 140 | 220 | 360 | 540 | | | | | |
| 3 | 2.2 | 100 | 160 | 260 | 390 | 650 | | | | |
| 4 | 3 | 75 | 120 | 200 | 300 | 500 | | | | |
| 5.5 | 4 | 55 | 90 | 150 | 220 | 370 | 590 | | | |
| 7.5 | 5.5 | | 70 | 115 | 170 | 285 | 450 | | | |
| 10 | 7.5 | | 60 | 90 | 140 | 230 | 360 | 560 | | |
| 12.5 | 9.2 | | | 75 | 115 | 190 | 300 | 470 | | |
| 15 | 11 | | | | 90 | 155 | 245 | 380 | 520 | |
| 20 | 15 | | | | 60 | 110 | 170 | 260 | 360 | 480 |
| 25 | 18 | | | | 50 | 90 | 140 | 220 | 300 | 395 |
| 30 | 22 | | | | | 75 | 120 | 185 | 250 | 320 |
| 35 | 26 | | | | | | 105 | 160 | 215 | 285 |
| 40 | 30 | | | | | | 90 | 145 | 200 | 260 |
| 50 | 37 | | | | | | | 110 | 155 | 200 |
| 60 | 45 | | | | | | | | 130 | 170 |
| 75 | 55 | | | | | | | | | 140 |