

# GENERATOR SIZING FOR MOTOR START

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| MOTOR SIZES |      | F.L.C.      | D.O.L | STAR DELTA |
|-------------|------|-------------|-------|------------|
| HP          | kW   | Amps @ 415v | kVA   | kVA        |
| 10          | 7.5  | 14          | 40    | 20         |
| 15          | 11   | 21          | 50    | 30         |
| 25          | 18.5 | 34          | 90    | 50         |
| 30          | 22   | 40          | 100   | 60         |
| 40          | 30   | 52          | 120   | 70         |
| 50          | 37   | 65          | 150   | 90         |
| 60          | 45   | 79          | 180   | 100        |
| 75          | 55   | 96          | 250   | 130        |
| 100         | 75   | 132         | 300   | 170        |
| 125         | 90   | 151         | 350   | 200        |
| 150         | 110  | 188         | 450   | 250        |
| 175         | 132  | 216         | 500   | 300        |
| 200         | 150  | 250         | 650   | 350        |
| 250         | 185  | 300         | 750   | 400        |
| 300         | 224  | 355         | 1000  | 450        |
| 350         | 280  | 406         | 1250  | 650        |

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