

4 INCH/1 PHASE, 2 WIRE ENCAPSULATED MOTOR

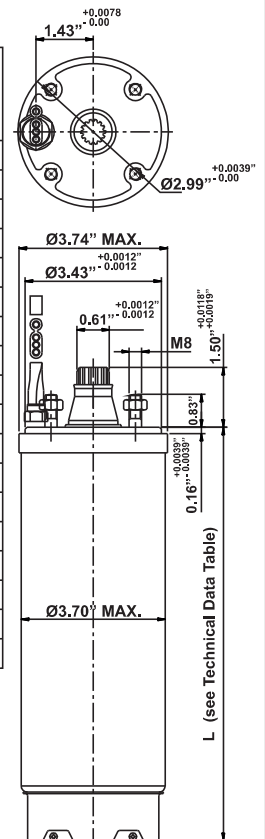
| Type | Pn | | S.F. | Un (Volts) | Thrust Load (N) | Full load Amps | S.F. Amps | RPM | Efficiency [%] | Cos φ (P.F) | Ts/Tn | Locked rotor Amps | Length (L) (inch) | Gross weight (lbs.) |
|--------------|------|------|------|------------|-----------------|----------------|-----------|------|----------------|-------------|-------|-------------------|-------------------|---------------------|
| | [hp] | [kW] | | | | | | | F.L | F.L | | | | |
| EM4-05-1152W | 0.5 | 0.37 | 1.6 | 115 | 1500 | 9.8 | 12.0 | 3430 | 57.0 | 0.73 | 0.58 | 61.0 | 10.7 | 17 |
| EM4-05-2302W | 0.5 | 0.37 | 1.6 | 230 | 1500 | 4.8 | 6.4 | 3430 | 58.0 | 0.74 | 0.58 | 31.0 | 10.7 | 17 |
| EM4-07-2302W | 0.75 | 0.55 | 1.5 | 230 | 1500 | 7.0 | 9.3 | 3435 | 58.0 | 0.75 | 0.60 | 39.0 | 11.6 | 19 |
| EM4-10-2302W | 1 | 0.75 | 1.4 | 230 | 1500 | 8.4 | 12.0 | 3430 | 59.0 | 0.75 | 0.60 | 50.0 | 12.4 | 20 |
| EM4-15-2302W | 1.5 | 1.10 | 1.3 | 230 | 3000 | 12.0 | 15.2 | 3450 | 62.0 | 0.77 | 0.60 | 71.0 | 15.4 | 28 |

4 INCH/1 PHASE, 3 WIRE ENCAPSULATED MOTOR

| Type | Pn | | S.F. | Un (Volts) | Thrust Load (N) | Full load Amps | MAX Amps | RPM | Efficiency [%] | Cos φ (P.F) | Locked rotor Amps | Length (L) (inch) | Gross weight (lbs.) |
|-------------|------|------|------|------------|-----------------|----------------|----------|------|----------------|-------------|-------------------|-------------------|---------------------|
| | [hp] | [kW] | | | | | | | F.L | F.L | | | |
| EM4-05-2301 | 0.5 | 0.37 | 1.6 | 230 | 1500 | 5.5 | 6.4 | 3430 | 58.0 | 0.78 | 22.0 | 10.2 | 16 |
| EM4-07-2301 | 0.75 | 0.55 | 1.5 | 230 | 1500 | 7.0 | 9.3 | 3435 | 58.0 | 0.74 | 32.0 | 10.4 | 17 |
| EM4-10-2301 | 1 | 0.75 | 1.4 | 230 | 1500 | 8.4 | 12.0 | 3430 | 59.0 | 0.75 | 40.0 | 12.0 | 20 |
| EM4-15-2301 | 1.5 | 1.10 | 1.3 | 230 | 3000 | 10.1 | 13.0 | 3450 | 67.0 | 0.83 | 49.0 | 13.4 | 25 |
| EM4-20-2301 | 2 | 1.50 | 1.25 | 230 | 3000 | 11.4 | 15.0 | 3455 | 68.0 | 0.87 | 52.0 | 14.8 | 31 |
| EM4-30-2301 | 3 | 2.20 | 1.15 | 230 | 3000 | 14.2 | 16.9 | 3420 | 71.0 | 0.93 | 68.0 | 16.9 | 36 |
| EM4-50-2301 | 5 | 3.70 | 1.15 | 230 | 6500 | 24.6 | 27.8 | 3450 | 72.0 | 0.92 | 88.0 | 26.6 | 65 |

4 INCH/3 PHASE, 3 WIRE ENCAPSULATED MOTOR

| Type | Pn | | Un (Volts) | S.F. | Thrust Load (N) | Full load Amps | MAX Amps | RPM | Eff. [%] | Cos φ (P.F) | Locked rotor Amps | Length (L) (inch) | Gross weight (lbs.) |
|-------------|------|------|------------|------|-----------------|----------------|----------|------|----------|-------------|-------------------|-------------------|---------------------|
| | [hp] | [kW] | | | | | | | F.L | F.L | | | |
| EM4-05-230 | 0.5 | 0.37 | 230 | 1.6 | 1500 | 2.3 | 3.5 | 3410 | 62.0 | 0.80 | 10.4 | 9.3 | 13 |
| EM4-05-460 | 0.5 | 0.37 | 460 | 1.6 | 1500 | 1.2 | 1.6 | 3420 | 64.0 | 0.78 | 6.8 | 9.3 | 13 |
| EM4-07-230 | 0.75 | 0.55 | 230 | 1.5 | 1500 | 3.5 | 5.2 | 3420 | 66.0 | 0.77 | 17.3 | 9.9 | 15 |
| EM4-07-460 | 0.75 | 0.55 | 460 | 1.5 | 1500 | 1.6 | 2.0 | 3420 | 65.0 | 0.79 | 10.5 | 9.9 | 15 |
| EM4-10-230 | 1 | 0.75 | 230 | 1.4 | 1500 | 4.5 | 6.2 | 3430 | 69.0 | 0.76 | 22.5 | 10.4 | 18 |
| EM4-10-460 | 1 | 0.75 | 460 | 1.4 | 1500 | 1.95 | 2.5 | 3420 | 66.0 | 0.80 | 12.5 | 10.4 | 18 |
| EM4-15-230 | 1.5 | 1.1 | 230 | 1.3 | 3000 | 5.7 | 7.3 | 3420 | 72.0 | 0.80 | 31.2 | 11.6 | 24 |
| EM4-15-460 | 1.5 | 1.1 | 460 | 1.3 | 3000 | 2.8 | 3.3 | 3420 | 68.0 | 0.79 | 15.0 | 11.6 | 24 |
| EM4-20-230 | 2 | 1.5 | 230 | 1.25 | 3000 | 7.3 | 9.0 | 3420 | 74.0 | 0.80 | 43.3 | 13.4 | 25 |
| EM4-20-460 | 2 | 1.5 | 460 | 1.25 | 3000 | 3.5 | 4.2 | 3420 | 69.0 | 0.81 | 22.0 | 13.4 | 25 |
| EM4-30-230 | 3 | 2.2 | 230 | 1.15 | 3000 | 10.9 | 12.5 | 3430 | 75.0 | 0.76 | 60.6 | 14.8 | 31 |
| EM4-30-460 | 3 | 2.2 | 460 | 1.15 | 3000 | 4.9 | 5.5 | 3420 | 73.0 | 0.78 | 30.5 | 14.8 | 31 |
| EM4-55-230 | 5.5 | 4 | 230 | 1.15 | 6500 | 17.7 | 20.8 | 3420 | 77.0 | 0.79 | 95.3 | 21.9 | 52 |
| EM4-55-460 | 5.5 | 4 | 460 | 1.15 | 6500 | 9.0 | 9.9 | 3420 | 77.0 | 0.76 | 62.0 | 21.9 | 52 |
| EM4-75-230 | 7.5 | 5.5 | 230 | 1.15 | 6500 | 25.1 | 30.0 | 3420 | 78.0 | 0.78 | 142.0 | 26.6 | 65 |
| EM4-75-460 | 7.5 | 5.5 | 460 | 1.15 | 6500 | 12 | 13.3 | 3420 | 77.0 | 0.78 | 77.0 | 26.6 | 65 |
| EM4-100-230 | 10 | 7.5 | 230 | 1.15 | 6500 | 38.1 | 43.3 | 3460 | 78.0 | 0.77 | 176.7 | 30.1 | 75 |
| EM4-100-460 | 10 | 7.5 | 460 | 1.15 | 6500 | 16.2 | 18.5 | 3460 | 77.0 | 0.78 | 95.0 | 30.1 | 75 |



CABLE DATA - 4 INCH/1 PHASE, 2 WIRE ENCAPSULATED MOTOR

| HP | ph | Type of start | Cable x Leads x Size (AWG) | Length [ft] | H x B [inch] |
|-----------|----|---------------|----------------------------|-------------|--------------|
| 0.5 - 1.5 | 1 | DOL | 1 x 3 x 16 | 5.6 | 0.20 x 0.42 |

CABLE DATA - 4 INCH, 3 WIRE ENCAPSULATED MOTOR

| HP | Type of start | Cable x Leads x Size (AWG) | Length [ft] | H x B [inch] |
|-----------|---------------|----------------------------|-------------|--------------|
| 0.5 - 1.5 | DOL | 1 x 4 x 16 | 5.6 | 0.22 x 0.74 |
| 2 - 10 | | | 14 | |