

Premium Efficiency Motor

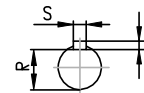
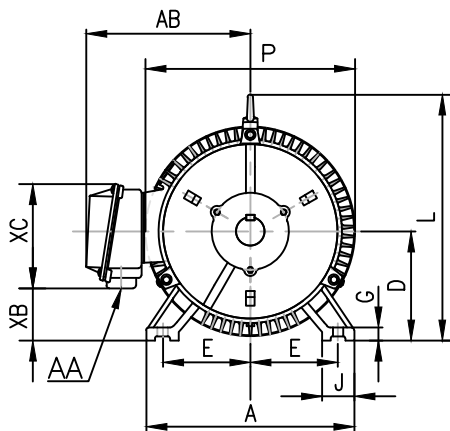
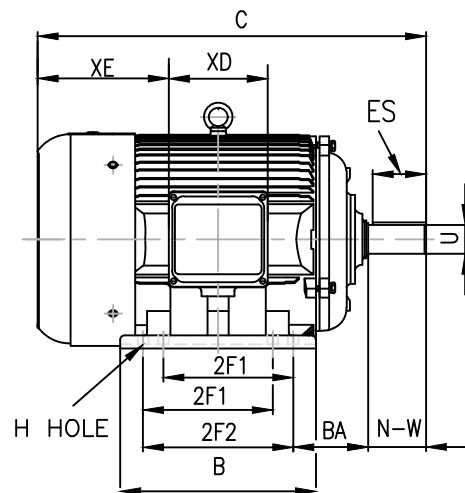
TM0102TPP

|          |                    |         |             |          |               |            |                        |
|----------|--------------------|---------|-------------|----------|---------------|------------|------------------------|
| Voltage  | <u>208-230/460</u> | Hz      | <u>60</u>   | Encl     | <u>TEFC</u>   | Duty Cycle | <u>Continuous / S1</u> |
| Design   | <u>B</u>           | Ins.Cl. | <u>F</u>    | Ambient  | <u>40°C</u>   | IP         | <u>55</u>              |
| Altitude | <u>3300FT</u>      | S.F.    | <u>1.15</u> | Rotation | <u>CW/CCW</u> | Mounting   | <u>F1/F2</u>           |

| HP | RPM  | Frame | Amps<br>208~230/460V | KVA Code | P.F. | Rated Torque | Locked Rotor Torque | Breakdown Torque | Full Load Temp. Rise |
|----|------|-------|----------------------|----------|------|--------------|---------------------|------------------|----------------------|
| 10 | 3540 | 215T  | 27~24.44/12.22       | G        | 0.85 | 14.8 lb.ft.  | 250%                | 340%             | 80K                  |

| Slip % | Locked Rotor Amp | No Load Current | Moment of Inertia      | Bearing |        | Regrease Interval |     | Max Time Locked Rotor | Efficiency % |      |
|--------|------------------|-----------------|------------------------|---------|--------|-------------------|-----|-----------------------|--------------|------|
|        |                  |                 |                        | DE      | ODE    | DE                | ODE |                       | FL           | 3/4L |
| 1.6    | 162/81           | 8.76/4.38       | 1.2 lb.ft <sup>2</sup> | 6308ZZ  | 6306ZZ | —                 | —   | 17 Sec                | 90.2         | 90.3 |

| Inverter Duty   | Hazardous Location / Temp. Code | Leads / Connect | Shaft Material    | Approx Weight |
|-----------------|---------------------------------|-----------------|-------------------|---------------|
| 10:1 CT 20:1 VT | Class I Division 2 / T3C        | 9 / Δ           | 1045 Carbon Steel | 188 lbs       |



| Rating for 50 Hz Application |         |
|------------------------------|---------|
| HP                           | 10      |
| RPM                          | 2950    |
| Volt                         | 200/400 |
| S.F.                         | 1.0     |

Dimensions in inch

| A    | B | C    | D    | G    | J   | P    | L  | AB  |
|------|---|------|------|------|-----|------|----|-----|
| 10.6 | 9 | 20.6 | 5.25 | 0.75 | 2.4 | 11.4 | 11 | 8.8 |

| Connection  |              |
|-------------|--------------|
| Low Voltage | High Voltage |
|             |              |

| Mounting |     |     |      |     | Key   |      | Keyset | Shaft Extension |       | Terminal Box |     |     |     |     |
|----------|-----|-----|------|-----|-------|------|--------|-----------------|-------|--------------|-----|-----|-----|-----|
| E        | 2F1 | 2F2 | H    | BA  | S     | ES   | R      | N-W             | U     | AA           | XB  | XC  | XD  | XE  |
| 4.25     | 5.5 | 7   | 0.41 | 3.5 | 0.312 | 2.41 | 1.201  | 3.38            | 1.375 | 1            | 3.2 | 5.1 | 4.6 | 7.9 |

\*Data may change without notice.