

Specifications

| | |
|----------------------|-----------|
| Output Power HP (kW) | 7.5 (5.5) |
| Phase | 3 Phase |
| Pole | 6 Pole |
| Frame Number | 132M |

| | |
|------------------------|-----------------|
| Degrees of Protection | IP 22 |
| Enclosure Construction | Drip-proof |
| Thermal Class | Class B (130°C) |

| | |
|----------------|-------------|
| Alignment | Vertical |
| Frame Material | Steel plate |

| | |
|-----------------------|---|
| Power Transmission | Direct-couple or Belt Driven |
| Direction of Rotation | Counterclockwise (CCW) viewed from shaft-end side |



| | |
|--------------------|-----------------------------|
| Connection Type | Terminal Block (6 Leads) |
| Coating Colour | Munsell N5.5 (Gray) |
| Conformed Standard | IEC 60034-1 & JEC-2137-2000 |



| | |
|---------------------|---|
| Voltage & Frequency | HT Type |
| | 380~415V 50Hz 380~440V 60Hz (suitable for Y-Δ starting) |

* () is dimension without drip-proof cover

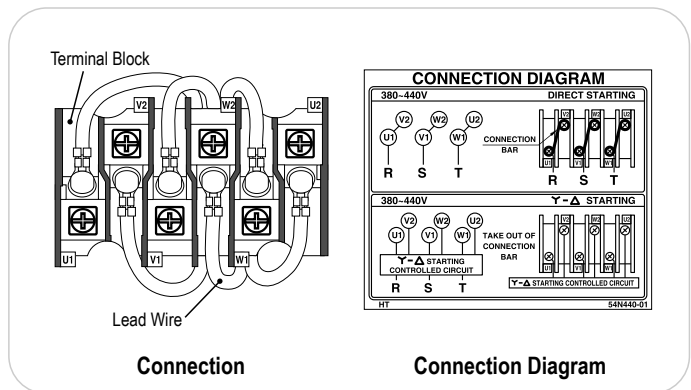
Dimensions (mm)

| Flange Number | Motor | | | | | | | | |
|---------------|-------|-------|-----|--------|-----|----|----|-----------|------|
| | D | IE | LA | LB | LC | LE | LG | LL* | LZ |
| FF265 | 220 | 156.5 | 265 | 230 j6 | 300 | 4 | 20 | 431 (407) | 14.5 |

| Terminal Box | | | Shaft End | | | | | | |
|--------------|----|-----|-----------|----|----|-------|---|---|----|
| KB | KD | KL | LR | Q | QK | S | T | U | W |
| 330 | 27 | 181 | 80 | 80 | 63 | 38 k6 | 8 | 5 | 10 |

| Bearing No. | | Approximated Weight (kg) | Approximated Packing Dimensions (LxWxH) | Gross Weight (kg) |
|-------------|----------|--------------------------|---|-------------------|
| Drive End | Opposite | | | |
| 6308ZZ | 6207ZZ | 68 | 607 x 427 x 384 | 75 |

Connection & Connection Diagram



Connection

Connection Diagram

Circumstance Conditions

| | |
|---------------------|------------------------------------|
| Ambient Temperature | -20 ~ +40°C |
| Ambient Humidity | 85% RH or less |
| Operating Altitude | Less than 1,000m above sea level |
| Environment | No bursting / erosive gas or vapor |

Motor Characteristics

| Type | Hz | V | 50% Load | | | 75% Load | | | 100% Load | | | | Torque(%) | | Is (A) | Inertia GD ² (kg-m ²) | |
|------|----|-----|----------|--------|-------|----------|--------|-------|-----------|--------|-------|---------------|---------------|-----|--------|--|-------|
| | | | (A) | Eff(%) | PF(%) | (A) | Eff(%) | PF(%) | (A) | Eff(%) | PF(%) | Speed (r/min) | Torque (kg-m) | Ts | | | Tm |
| HT | 50 | 380 | 9.62 | 0.86 | 0.60 | 10.0 | 0.87 | 0.72 | 12.3 | 0.87 | 0.78 | 950 | 5.64 | 246 | 234 | 77.8 | 0.181 |
| | | 415 | 10.4 | 0.82 | 0.51 | 10.6 | 0.85 | 0.63 | 12.5 | 0.86 | 0.71 | 960 | 5.58 | 293 | 279 | 85.0 | |
| | 60 | 380 | 8.37 | 0.87 | 0.70 | 8.89 | 0.89 | 0.79 | 11.4 | 0.89 | 0.82 | 1140 | 4.70 | 195 | 204 | 64.1 | |
| | | 440 | 8.86 | 0.85 | 0.59 | 8.70 | 0.89 | 0.70 | 10.5 | 0.89 | 0.77 | 1150 | 4.46 | 266 | 273 | 74.2 | |