ZJY SERIES AC SPINDLE SERVO MOTOR

Motor Model Significance

Example: ZJY265-7.5BM-B3Y1

ZJY 265 - 7.5 B M - B3 [Y1]

- Shaft extension (No: only shaft, Y1: with standard key slot)
- Configuration installation type (B5, flange; B3, foundation)
- Max. speed (H: high speed 10000 r/min; M: medium speed 7000 r/min)
- Rated speed (B: 1500 r/min)
- Rated power (Unit: kW)
- Foundation No.
- Spindle servo motor

Product Feature

- Adopts closed-end air-cooled structure, graceful outline and compact structure
- Adopts optimized electromagnetic design, low noise, stable operation, high efficiency
- Adopts imported high precision bearing and rotor, high precision balanced technique, ensure the stability with in the max. rotate speed, without big vibration and loud noise
- Adopts corona-resistance enameled wire, F-level insulation, IP54 protection, ensure the stability of motor, running under the circumstance of -15℃~40℃, or with dust and oil mist
- Adopts high speed and high precision encoder, can be used with high efficiency drivers to realize speed and position control in high precision
- Strong overload capacity, running stably with 150% rated power, 30mins; 300% rated power, 5mins
- Wide speed regulatory range, the highest speed is up to 10000r/min
- Good impact resistance, long service life, high cost-performance
<table>
<thead>
<tr>
<th>Specification</th>
<th>ZJY182-1.5BH</th>
<th>ZJY182-2.2BH</th>
<th>ZJY182-3.7BH</th>
<th>ZJY208-2.2AM</th>
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<th>ZJY208-5.5AM</th>
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<td>3-phase AC 380V 50/60Hz</td>
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## Specification

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## External dimensions

(See figures)
## Specification Items

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<th>ZJY265-7.5BM</th>
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Overall Installation Dimension

Flange installation type (B5)

Motor Mechanical Characteristic Curve

\[ \frac{P}{P_n} \] — Power/Rated power;
\[ n \] — Rated speed;
\[ \frac{T}{T_n} \] — Torque/Rated torque;

Motor characteristic curve at max. speed H:
- \[ \frac{P}{P_n} \]: Power in continuous running;
- \[ \frac{T}{T_n} \]: Torque in continuous running;

Motor characteristic curve at max. speed M:
- \[ \frac{P}{P_n} \]: Power in 30 min running;
- \[ \frac{T}{T_n} \]: Torque in 30 min running.