

Z18 SERIES SERVO SPINDLE MOTOR

MOTOR FRAME SIZE MODEL : C2
 DIMENSION : 265X265X600 mm

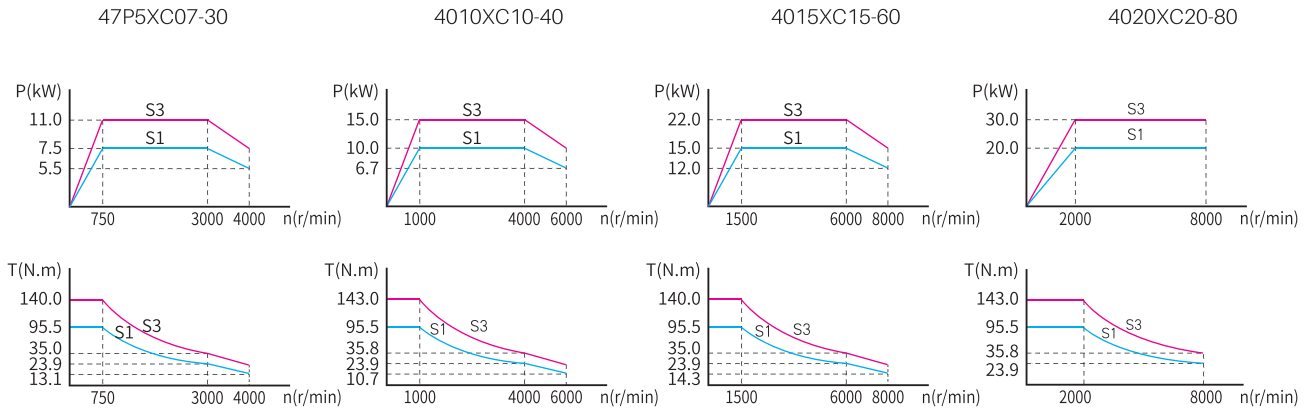


Electrical Parameter

Voltage Class : 400V Connection : Y Fan Power : 110W Fan Voltage : 380V

| Motor Model | Rated Power (kW) | Rated Current (A) | Rated Torque (N.m) | Rated Voltage (V) | Pole Number (P) | Rated Frequency (Hz) | Rated Speed (r/min) | Constant Power Max Speed (r/min) | Max Speed (r/min) | Rotational Inertia (KG.m ²) |
|-------------------|------------------|-------------------|--------------------|-------------------|-----------------|----------------------|---------------------|----------------------------------|-------------------|---|
| Z18-47P5XC07-XXXX | 7.5 | 14.4/16.4/19.0 | 95.5 | 380/335/290 | 4 | 26.1 | 750 | 1500/2200/3000 | 4000 | 0.0890 |
| Z18-4010XC10-XXXX | 10 | 18.7/21.4/24.4 | 95.5 | 380/335/295 | 4 | 34.5 | 1000 | 2000/3000/4000 | 6000 | 0.0890 |
| Z18-4015XC15-XXXX | 15 | 27.4/31.1/37.8 | 95.5 | 380/340/280 | 4 | 51.2 | 1500 | 3000/4500/6000 | 8000 | 0.0890 |
| Z18-4020XC20-XXXX | 20 | 37.6/42.9/48.9 | 95.5 | 380/325/285 | 4 | 67.6 | 2000 | 4000/6000/8000 | 8000 | 0.0890 |

Characteristic Curve



Performance Index

| ITEM | INDEX |
|------------------------|-----------------------|
| Encoder (optional) | MG-128(Magnetic) |
| | CE9-2500(Incremental) |
| | CE9-23B(Absolute) |
| | RZ12-1024(Resolver) |
| | SC-2048(SIN-COS) |
| Shaft Type | G : Without Keyslot |
| | J : With Keyslot |
| Mounting Type | B3 B5 B35 |
| Weight / Gross | 111 (121) kg |
| Protection Class | IP55 |
| Insulation Class | F Class |
| Rated Temperature Rise | 90K |
| Vibration Class | A |
| Noise | ≤70dB(A) |
| Environment | -15~45°C |
| Environment | ≤95%RH |

