



Main

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|---------------------------|-------------|
| Range Compatibility | PacDrive 3 |
| Product or Component Type | Servo motor |
| Device short name | SH3.....P |

Complementary

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|---------------------------|---|
| Maximum mechanical speed | 8000 rpm |
| [Us] rated supply voltage | 115...480 V |
| Phase | Three phase |
| Continuous stall current | 4.1 A |
| Continuous stall torque | 26.02 lbf.in (2.94 N.m) 115...480 V three phase |
| Continuous power | 1330 W |
| Peak stall torque | 100.01 lbf.in (11.3 N.m) 115...480 V three phase |
| Nominal output power | 460 W 115 V single phase 880 W 230 V single phase 1450 W 400 V three phase 1550 W 480 V three phase |
| Nominal torque | 26.11 Lbf.In (2.95 N.m) 115 V single phase 24.78 Lbf.In (2.8 N.m) 230 V single phase 18.59 Lbf.In (2.1 N.m) 400 V three phase 18.59 lbf.in (2.1 N.m) 480 V three phase |
| Nominal speed | 1500 rpm 115 V single phase 3000 rpm 230 V single phase 6000 rpm 400 V three phase 7200 rpm 480 V three phase |
| Maximum current Irms | 17 A |
| Shaft end | Parallel key |
| Shaft diameter | 0.55 in (14 mm) |
| Shaft length | 1.18 in (30 mm) |
| Key width | 0.20 in (5 mm) |
| IP degree of protection | Motor IP65 EN/IEC 60034-5 Shaft bushing IP65 EN/IEC 60034-5 Housing IP67 EN/IEC 60034-5 |
| Encoder type | Absolute multiturn SinCos Hiperface |
| Speed feedback resolution | 128 periods |
| Holding brake | Without |
| Mounting Support | International standard flange |
| Motor flange size | 2.76 in (70 mm) |
| Electrical Connection | Rotatable right angled connector |
| Torque constant | 0.72 N.m/A 248 °F (120 °C) |
| Back emf constant | 49 V/krpm 68 °F (20 °C) |
| Number of motor poles | 3 |

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| Rotor inertia | 0.58 kg.cm ² |
| Stator resistance | 2.7 Ohm |
| Stator inductance | 20.3 mH |
| Maximum radial force Fr | 730 N 1000 rpm 580 N 2000 rpm 510 N 3000 rpm 460 N 4000 rpm 430 N 5000 rpm 400 N 6000 rpm |
| Maximum axial force Fa | 80 N |
| Type of cooling | Natural convection |
| Length | 8.66 in (220 mm) |
| Centring collar diameter | 2.36 in (60 mm) |
| Centring collar depth | 0.10 in (2.5 mm) |
| Number of mounting holes | 4 |
| Mounting holes diameter | 0.22 in (5.5 mm) |
| Circle diameter of the mounting holes | 3.23 in (82 mm) |
| Net Weight | 7.94 lb(US) (3.6 kg) |

Ordering and shipping details

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|-------------------|------------------------------|
| Category | 18359-PACDRIVE3 SERVO MOTORS |
| Discount Schedule | PC52 |
| GTIN | 3606481972095 |
| Returnability | No |

Packing Units

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|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 7.92 lb(US) (3.593 kg) |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
| PVC free | Yes |

Contractual warranty

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| Warranty | 18 months |
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