



## Main

Range compatibility	PacDrive 3
Product or component type	Servo motor
Device short name	SH3.....P

## Complementary

Maximum mechanical speed	6000 rpm
[Us] rated supply voltage	115...480 V
Phase	Three phase
Continuous stall current	4.8 A
Continuous stall torque	51.33 lbf.in (5.8 N.m) 115...480 V three phase
Peak stall torque	161.97 lbf.in (18.3 N.m) 115...480 V three phase
Nominal output power	580 W 115 V three phase 1090 W 230 V three phase 1930 W 400 V three phase 2210 W 480 V three phase
Nominal torque	48.68 Lbf.in (5.5 N.m) 115 V three phase 46.02 Lbf.in (5.2 N.m) 230 V three phase 40.71 Lbf.in (4.6 N.m) 400 V three phase 38.94 lbf.in (4.4 N.m) 480 V three phase
Nominal speed	1000 rpm 115 V three phase 2000 rpm 230 V three phase 4000 rpm 400 V three phase 4800 rpm 480 V three phase
Maximum current Irms	17.1 A
Shaft end	Parallel key
Shaft diameter	0.75 in (19 mm)
Shaft length	1.57 in (40 mm)
Key width	0.24 in (6 mm)
IP degree of protection	Shaft bushing without shaft seal ring IP54 EN/IEC 60034-5 Motor IP65 EN/IEC 60034-5 Shaft bushing IP65 EN/IEC 60034-5
Encoder type	Absolute single turn SinCos Hiperface
Speed feedback resolution	128 periods
Holding brake	Without
Mounting support	International standard flange
Motor flange size	3.94 in (100 mm)
Torque constant	1.21 N.m/A 248 °F (120 °C)
Back emf constant	77 V/krpm 68 °F (20 °C)
Number of motor poles	4
Rotor inertia	2.31 kg.cm²
Stator resistance	2.4 Ohm

Stator inductance	19.5 mH
Maximum radial force Fr	990 N 1000 rpm 790 N 2000 rpm 690 N 3000 rpm 620 N 4000 rpm
Maximum axial force Fa	160 N
Type of cooling	Natural convection
Length	8.05 in (204.5 mm)
Centring collar diameter	3.74 in (95 mm)
Centring collar depth	0.14 in (3.5 mm)
Number of mounting holes	4
Mounting holes diameter	0.35 in (9 mm)
Circle diameter of the mounting holes	4.53 in (115 mm)
Net Weight	12.79 lb(US) (5.8 kg)

## Ordering and shipping details

Category	18359-PACDRIVE3 SERVO MOTORS
Discount Schedule	PC52
Package weight(Lbs)	12.76 lb(US) (5.788 kg)
Returnability	No

## Offer Sustainability

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 Carcinogen & Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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.

## Contractual warranty

Warranty	18 months
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