



## Main

Range compatibility	PacDrive 3
Product or component type	AC servo motors
Device short name	MH3

## Complementary

Maximum mechanical speed	3800 rpm
[Us] rated supply voltage	115...480 V
Phase	Three phase
Continuous stall current	30.8 A
Continuous stall torque	424.84 lbf.in (48 N.m), 115...480 V, three phase
Continuous power	6260 W
Peak stall torque	1947.16 lbf.in (220 N.m), 115...480 V, three phase
Nominal output power	6.07 W, 400 V 6.07 W, 480 V
Nominal torque	256.67 Lbf.In (29 N.m), 400 V 256.67 lbf.in (29 N.m), 480 V
Nominal speed	2000 rpm, 400 V 2000 rpm, 480 V
Maximum current Irms	114 A
Shaft end	Parallel key
Second shaft	Without second shaft end
Shaft diameter	1.50 in (38 mm)
Shaft length	3.15 in (80 mm)
Key width	0.39 in (10 mm)
IP degree of protection	IP65 standard
Encoder type	Multiturn SinCos Hiperface
Speed feedback resolution	128 periods
Holding brake	With
Holding torque	531.04 lbf.in (60 N.m)
Mounting support	International standard flange
Motor flange size	7.48 in (190 mm)
Electrical connection	Rotatable right-angled connectors
Torque constant	1.56 N.m/A 248 °F (120 °C)
Back emf constant	108.3 V/krpm
Number of motor poles	10
Rotor inertia	144.8 kg.cm <sup>2</sup>
Stator resistance	0.15 Ohm
Stator inductance	3.86 mH
Stator electrical time constant	18.7 ms

Maximum radial force Fr	3200 N 1000 rpm 3100 N 2000 rpm 3000 N 3000 rpm 2950 N 4000 rpm
Brake pull-in power	25 W
Type of cooling	Natural convection
Length	12.13 in (308 mm)
Centring collar diameter	7.09 in (180 mm)
Centring collar depth	0.16 in (4 mm)
Number of mounting holes	4
Mounting holes diameter	0.55 in (14 mm)
Circle diameter of the mounting holes	8.46 in (215 mm)
Net Weight	107.81 lb(US) (48.9 kg)

### Ordering and shipping details

Category	18359-PACDRIVE3 SERVO MOTORS
Discount Schedule	PC52
GTIN	03606485394084
Nbr. of units in pkg.	1
Package weight(Lbs)	72.09 lb(US) (32.7 kg)
Returnability	No

### Packing Units

Unit Type of Package 1	PCE
Package 1 Height	15.75 in (40 cm)
Package 1 width	11.81 in (30 cm)
Package 1 Length	31.30 in (79.5 cm)

### 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>
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>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes