



Price* : 1,284.88 USD



Main

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

Complementary

Maximum mechanical speed	6000 rpm
[Us] rated supply voltage	115...480 V
Phase	Three phase
Continuous stall current	5.04 A
Continuous stall torque	53.1 lbf.in (6 N.m) at 115...480 V three phase
Continuous power	2270 W
Peak stall torque	18 N.m at 115...480 V three phase
Nominal output power	0.59 W at 115 V 1.12 W at 230 V 1.95 W at 400 V 2.27 W at 480 V
Nominal torque	5.67 N.m at 115 V 5.33 N.m at 230 V 4.67 N.m at 400 V 4.2 N.m at 480 V
Nominal speed	1000 rpm at 115 V 2000 rpm at 230 V 4000 rpm at 400 V 5000 rpm at 480 V
Maximum current Irms	17.4 A
Shaft end	Parallel key
Second shaft	Without second shaft end
Shaft diameter	0.75 in (19 mm)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Shaft length	1.57 in (40 mm)
Key width	0.24 in (6 mm)
IP degree of protection	IP65 (standard)
Encoder type	Multiturn SinCos Hiperface
Speed feedback resolution	16 periods
Holding brake	Without
Mounting support	International standard flange
Motor flange size	3.94 in (100 mm)
Electrical connection	Rotatable right-angled connectors
Torque constant	1.19 N.m/A at 248 °F (120 °C)
Back emf constant	78 V/krpm
Number of motor poles	10
Rotor inertia	6.28 kg.cm ²
Stator resistance	1.97 Ohm
Stator inductance	8.24 mH
Stator electrical time constant	5 ms
Maximum radial force Fr	620 N at 4000 rpm 690 N at 3000 rpm 790 N at 2000 rpm 990 N at 1000 rpm 580 N at 5000 rpm
Type of cooling	Natural convection
Length	6.32 in (160.6 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)
Product weight	10.85 lb(US) (4.92 kg)

Ordering and shipping details

Category	18359 - PACDRIVE3 SERVO MOTORS
Discount Schedule	PC52
Nbr. of units in pkg.	1
Package weight(Lbs)	11.5
Returnability	N

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1328 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov