

Product availability : Non-Stock - Not normally stocked in distribution facility



Price* : 2,983.51 USD



Main

Range of product	PacDrive 3
Product or component type	Servo motor integrated drive
Device short name	ILM

Complementary

[Us] rated supply voltage	250...700 V
Continuous stall current	3 A
Continuous stall torque	19.47 lbf.in (2.2 N.m)
Peak stall torque	76.99 lbf.in (8.7 N.m)
Nominal output power	720 W
Nominal torque	10.18 lbf.in (1.15 N.m)
Nominal speed	6000 rpm
Maximum current Irms	12 A
Line Rated Current	1.5 A
Shaft end	Untapped
Second shaft	Without second shaft end
Shaft diameter	0.55 in (14 mm)
Shaft length	1.18 in (30 mm)
Key width	0.79 in (20 mm)
Feedback type	Absolute single turn SinCos Hiperface
Speed feedback resolution	128 periods
Holding brake	With
Holding torque	26.55 lbf.in (3 N.m) (holding brake)
Mounting support	International standard flange
Motor flange size	2.76 in (70 mm)
Torque constant	0.76 N.m/A at 248 °F (120 °C)

Back emf constant	49 V/krpm at 68 °F (20 °C)
Number of motor poles	6
Rotor inertia	0.88 kg.cm ²
Stator resistance	2.7 Ohm at 68 °F (20 °C) for Ph/Ph 1.88 Ohm at 248 °F (120 °C) for Ph/N
Stator inductance	13 mH at 68 °F (20 °C) for Ph/Ph 6.5 mH at 248 °F (120 °C) for Ph/N
Maximum radial force Fr	400 N at 6000 rpm 430 N at 5000 rpm 460 N at 4000 rpm 510 N at 3000 rpm 580 N at 2000 rpm 730 N at 1000 rpm
Maximum axial force Fa	0.2 x Fr
Type of cooling	Natural convection
Length	11.54 in (293 mm)
Number of motor stacks	3
Centring collar diameter	2.36 in (60 mm)
Centring collar depth	0.1 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)
Product weight	10.36 lb(US) (4.7 kg)

Environment

IP degree of protection	IP54
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Ordering and shipping details

Category	18351 - PACDRIVE3 INTEGRATED DRIVES
Discount Schedule	PC52
Nbr. of units in pkg.	1
Package weight(Lbs)	9
Returnability	N
Country of origin	DE

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1235 - 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 Environmental Profile
Product end of life instructions	Available End of Life Information
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

Contractual warranty

Warranty period	18 months
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