



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	4.7 A
Continuous stall torque	66.38 lbf.in (7.5 N.m)
Peak stall torque	238.97 lbf.in (27 N.m)
Nominal Output Power	1450 W
Nominal torque	40.71 lbf.in (4.6 N.m)
Nominal speed	3000 rpm
Maximum current Irms	18.8 A
Line Rated Current	2.9 A
Shaft end	Keyed
Second shaft	Without second shaft end
Shaft diameter	0.94 in (24 mm)
Shaft length	1.97 in (50 mm)
Key width	1.57 in (40 mm)
Feedback type	Absolute multiturn SinCos Hiperface
Speed feedback resolution	128 periods
Holding brake	With
Holding torque	159.31 lbf.in (18 N.m) holding brake
Mounting Support	International standard flange
Motor flange size	5.51 in (140 mm)
Torque constant	1.6 N.m/A 248 °F (120 °C)
Back emf constant	108 V/krpm 68 °F (20 °C)
Number of motor poles	10
Rotor inertia	7.41 kg.cm ²
Stator resistance	1.81 Ohm 68 °F (20 °C) Ph/Ph 1.26 Ohm 248 °F (120 °C) Ph/N
Stator inductance	19.1 MH 68 °F (20 °C) Ph/Ph 9.55 mH 248 °F (120 °C) Ph/N
Maximum radial force Fr	2210 N 1000 rpm 1760 N 2000 rpm 1530 N 3000 rpm
Maximum axial force Fa	0.2 x Fr
Type of cooling	Natural convection
Length	11.50 in (292 mm)
Number of motor stacks	1

Centring collar diameter	5.12 in (130 mm)
Centring collar depth	0.14 in (3.5 mm)
Number of mounting holes	4
Mounting holes diameter	0.43 in (11 mm)
Circle diameter of the mounting holes	6.50 in (165 mm)
Net Weight	30.42 lb(US) (13.8 kg)

Environment

IP Degree of Protection	IP65
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Ordering and shipping details

Category	18351-PACDRIVE3 INTEGRATED DRIVES
Discount Schedule	PC52
GTIN	3606485294865
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.24 in (26.0 cm)
Package 1 Width	7.87 in (20.0 cm)
Package 1 Length	23.23 in (59.0 cm)
Package 1 Weight	32.03 lb(US) (14.53 kg)

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 cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
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	End Of Life Information
PVC free	Yes

Contractual warranty

Warranty	18 months
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