



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	4.8 A
Continuous stall torque	110.63 lbf.in (12.5 N.m)
Peak stall torque	486.79 lbf.in (55 N.m)
Nominal output power	1910 W
Nominal torque	80.54 lbf.in (9.1 N.m)
Nominal speed	2000 rpm
Maximum current Irms	24 A
Line Rated Current	3.7 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 single turn SinCos Hiperface
Speed feedback resolution	128 periods
Holding brake	With
Holding torque	203.57 lbf.in (23 N.m) holding brake
Mounting support	International standard flange
Motor flange size	5.51 in (140 mm)
Torque constant	2.6 N.m/A 248 °F (120 °C)
Back emf constant	173 V/krpm 68 °F (20 °C)
Number of motor poles	10
Rotor inertia	12.68 kg.cm ²
Stator resistance	1.9 Ohm 68 °F (20 °C) Ph/Ph 1.32 Ohm 248 °F (120 °C) Ph/N
Stator inductance	22 MH 68 °F (20 °C) Ph/Ph 11 mH 248 °F (120 °C) Ph/N
Maximum radial force Fr	2430 N 1000 rpm 1930 N 2000 rpm
Maximum axial force Fa	0.2 x Fr
Type of cooling	Natural convection
Length	13.66 in (347 mm)
Number of motor stacks	2
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	40.79 lb(US) (18.5 kg)

Environment

IP degree of protection	IP65
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Ordering and shipping details

Category	18351 - PACDRIVE3 INTEGRATED DRIVES
Discount Schedule	PC52
GTIN	03606485295008
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	10.24 in (26 cm)
Package 1 width	7.87 in (20 cm)
Package 1 Length	23.23 in (59 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 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) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
PVC free	Yes

Contractual warranty

Warranty	18 months
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