



## 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 multiturn 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 <sup>2</sup>
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	IP54
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## Ordering and shipping details

Category	18351-PACDRIVE3 INTEGRATED DRIVES
Discount Schedule	PC52
GTIN	3606485294940
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	56.28 lb(US) (25.53 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
PVC free	Yes

## Contractual warranty

Warranty	18 months
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