



## 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	3.6 A
Continuous stall torque	51.33 lbf.in (5.8 N.m)
Peak stall torque	250.48 lbf.in (28.3 N.m)
Nominal Output Power	1100 W
Nominal torque	30.98 lbf.in (3.5 N.m)
Nominal speed	3000 rpm
Maximum current Irms	21.2 A
Line Rated Current	2.4 A
Shaft end	Keyed
Second shaft	Without second shaft end
Shaft diameter	0.75 in (19 mm)
Shaft length	1.57 in (40 mm)
Key width	1.18 in (30 mm)
Feedback type	Absolute multiturn SinCos Hiperface
Speed feedback resolution	128 periods
Holding brake	With
Holding torque	79.66 lbf.in (9 N.m) holding brake
Mounting Support	International standard flange
Motor flange size	3.94 in (100 mm)
Torque constant	1.61 N.m/A 248 °F (120 °C)
Back emf constant	103 V/krpm 68 °F (20 °C)
Number of motor poles	8
Rotor inertia	3.92 kg.cm <sup>2</sup>
Stator resistance	2.6 Ohm 68 °F (20 °C) Ph/Ph 1.81 Ohm 248 °F (120 °C) Ph/N
Stator inductance	15.6 MH 68 °F (20 °C) Ph/Ph 7.8 mH 248 °F (120 °C) Ph/N
Maximum radial force Fr	1050 N 1000 rpm 830 N 2000 rpm 730 N 3000 rpm
Maximum axial force Fa	0.2 x Fr
Type of cooling	Natural convection
Length	12.40 in (315 mm)
Number of motor stacks	3

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)
Net Weight	19.62 lb(US) (8.9 kg)

## Environment

IP Degree of Protection	IP65
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## Ordering and shipping details

Category	18351-PACDRIVE3 INTEGRATED DRIVES
Discount Schedule	PC52
GTIN	3606485294544
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	21.14 lb(US) (9.59 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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