



## 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	77.00 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	Keyed
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 248 °F (120 °C)
Back emf constant	49 V/krpm 68 °F (20 °C)
Number of motor poles	6
Rotor inertia	0.88 kg.cm <sup>2</sup>
Stator resistance	2.7 Ohm 68 °F (20 °C) Ph/Ph 1.88 Ohm 248 °F (120 °C) Ph/N
Stator inductance	13 MH 68 °F (20 °C) Ph/Ph 6.5 mH 248 °F (120 °C) Ph/N
Maximum radial force Fr	730 N 1000 rpm 580 N 2000 rpm 510 N 3000 rpm 460 N 4000 rpm 430 N 5000 rpm 400 N 6000 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	0.10 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)
Net Weight	10.36 lb(US) (4.7 kg)

## Environment

IP Degree of Protection	IP65
-------------------------	------

## Ordering and shipping details

Category	18351-PACDRIVE3 INTEGRATED DRIVES
Discount Schedule	PC52
GTIN	3606485294049
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	11.46 lb(US) (5.2 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
----------	-----------