



Price\*\* : 2,738.32 USD



## 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	1.55 A
Continuous stall torque	9.74 lbf.in (1.1 N.m)
Peak stall torque	30.98 lbf.in (3.5 N.m)
Nominal output power	310 W
Nominal torque	4.43 lbf.in (0.5 N.m)
Nominal speed	6000 rpm
Maximum current Irms	5.7 A
Line Rated Current	0.6 A
Shaft end	Keyed
Second shaft	Without second shaft end
Shaft diameter	0.43 in (11 mm)
Shaft length	0.91 in (23 mm)
Key width	0.71 in (18 mm)
Feedback type	Absolute multiturn SinCos Hiperface
Speed feedback resolution	128 periods
Holding brake	Without
Mounting support	International standard flange
Motor flange size	2.76 in (70 mm)
Torque constant	0.71 N.m/A 248 °F (120 °C)
Back emf constant	46 V/krpm 68 °F (20 °C)

Number of motor poles	6
Rotor inertia	0.25 kg.cm <sup>2</sup>
Stator resistance	10.4 Ohm 68 °F (20 °C) Ph/Ph 7.23 Ohm 248 °F (120 °C) Ph/N
Stator inductance	38.8 mH 68 °F (20 °C) Ph/Ph 19.4 mH 248 °F (120 °C) Ph/N
Maximum radial force Fr	660 N 1000 rpm 520 N 2000 rpm 460 N 3000 rpm 410 N 4000 rpm 380 N 5000 rpm 360 N 6000 rpm
Maximum axial force Fa	0.2 x Fr
Type of cooling	Natural convection
Length	8.35 in (212 mm)
Number of motor stacks	1
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	5.95 lb(US) (2.7 kg)

## Environment

IP degree of protection	IP54
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## Ordering and shipping details

Category	18351-PACDRIVE3 INTEGRATED DRIVES
Discount Schedule	PC52
GTIN	03606485293653
Package weight(Lbs)	7.34 lb(US) (3.330 kg)
Returnability	No
Country of origin	DE

## 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 Carcinogen & 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>
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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