



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	5.8 N.m
Peak stall torque	28.3 N.m
Nominal output power	1100 W
Nominal torque	3.5 N.m
Nominal speed	3000 rpm
Maximum current Irms	21.2 A
[In] rated current	2.4 A
Shaft end	Keyed
Second shaft	Without second shaft end
Shaft diameter	19 mm
Shaft length	40 mm
Key width	30 mm
Feedback type	Absolute multiturn SinCos Hiperface
Speed feedback resolution	128 periods
Holding brake	With
Holding torque	9 N.m (holding brake)
Mounting support	International standard flange
Motor flange size	100 mm
Torque constant	1.61 N.m/A at 120 °C
Back emf constant	103 V/krpm at 20 °C
Number of motor poles	8
Rotor inertia	3.92 kg.cm ²
Stator resistance	2.6 Ohm at 20 °C for Ph/Ph 1.81 Ohm at 120 °C for Ph/N
Stator inductance	15.6 mH at 20 °C for Ph/Ph 7.8 mH at 120 °C for Ph/N
Maximum radial force Fr	1050 N at 1000 rpm 730 N at 3000 rpm 830 N at 2000 rpm

Maximum axial force Fa	0.2 x Fr
Type of cooling	Natural convection
Length	315 mm
Number of motor stacks	3
Centring collar diameter	95 mm
Centring collar depth	3.5 mm
Number of mounting holes	4
Mounting holes diameter	9 mm
Circle diameter of the mounting holes	115 mm
Product weight	8.9 kg

Environment

IP degree of protection	IP65
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Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1235 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End Of Life Information

Product Life Status : **Commercialised**