



Main

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|---------------------------|------------------------------|
| Range of product | PacDrive 3 |
| Product or component type | Servo motor integrated drive |
| Device short name | ILM |

Complementary

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|---------------------------|---------------------------------------|
| [Us] rated supply voltage | 250...700 V |
| Continuous stall current | 4.8 A |
| Continuous stall torque | 12.5 N.m |
| Peak stall torque | 55 N.m |
| Nominal output power | 1910 W |
| Nominal torque | 9.1 N.m |
| Nominal speed | 2000 rpm |
| Maximum current Irms | 24 A |
| [In] rated current | 3.7 A |
| Shaft end | Untapped |
| Second shaft | Without second shaft end |
| Shaft diameter | 24 mm |
| Shaft length | 50 mm |
| Key width | 40 mm |
| Feedback type | Absolute single turn SinCos Hiperface |
| Speed feedback resolution | 128 periods |
| Holding brake | Without |
| Mounting support | International standard flange |
| Motor flange size | 140 mm |
| Torque constant | 2.6 N.m/A at 120 °C |
| Back emf constant | 173 V/krpm at 20 °C |
| Number of motor poles | 10 |

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|---------------------------------------|---|
| Rotor inertia | 12.68 kg.cm ² |
| Stator resistance | 1.9 Ohm at 20 °C for Ph/Ph 1.32 Ohm at 120 °C for Ph/N |
| Stator inductance | 22 mH at 20 °C for Ph/Ph 11 mH at 120 °C for Ph/N |
| Maximum radial force Fr | 1930 N at 2000 rpm 2430 N at 1000 rpm |
| Maximum axial force Fa | 0.2 x Fr |
| Type of cooling | Natural convection |
| Length | 309 mm |
| Number of motor stacks | 2 |
| Centring collar diameter | 130 mm |
| Centring collar depth | 3.5 mm |
| Number of mounting holes | 4 |
| Mounting holes diameter | 11 mm |
| Circle diameter of the mounting holes | 165 mm |
| Product weight | 17.2 kg |

Environment

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|-------------------------|------|
| IP degree of protection | IP54 |
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Offer Sustainability

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|----------------------------------|---|
| 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 Reference not containing SVHC above the threshold |
| Product environmental profile | Available Product Environmental Profile |
| Product end of life instructions | Available End of Life Information |