



### Main

Range compatibility	PacDrive 3
Product or component type	Servo motor
Device short name	SHS
Encoder type	Absolute multiturn SinCos Hiperface

### Complementary

Maximum mechanical speed	8000 rpm
[Us] rated supply voltage	400 V
Network number of phases	Three phase
Continuous stall current	2.2 A
Continuous stall torque	4.65 N.m for LXM62 4.65 N.m for LXM52
Continuous power	810 W
Peak stall torque	18.3 N.m for LXM62 18.3 N.m for LXM52
Nominal output power	810 W for LXM62 810 W for LXM52
Nominal torque	3.85 N.m for LXM62 3.85 N.m for LXM52
Nominal speed	2000 rpm for LXM62 2000 rpm for LXM52
Maximum current Irms	9 A for LXM62 9 A for LXM52
Maximum permanent current	2 A
Product compatibility	LXM62 at 400 V, three phase LXM52 at 400 V, three phase
Switching frequency	8 kHz
Shaft end	Smooth shaft
Shaft diameter	19 mm
Shaft length	30 mm
Key width	5 mm
Speed feedback resolution	128 periods
Holding brake	With

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Holding torque	2.5 N.m
Mounting support	Flange
Motor flange size	71 mm
Electrical connection	Cable with stripped end
Back emf constant	0.7 V/krpm at 20 °C
Number of motor poles	49
Rotor inertia	2.93 kg.cm <sup>2</sup>
Stator resistance	8.6 Ohm
Stator inductance	45.7 mH
Maximum radial force Fr	790 N at 2000 rpm
Maximum axial force Fa	160 N
Type of cooling	Natural convection
Length	284 mm
Centring collar diameter	85 mm
Centring collar depth	3.5 mm
Number of mounting holes	4
Mounting holes diameter	8 mm
Circle diameter of the mounting holes	100 mm
Product weight	8.8 kg

## Environment

IP degree of protection	IP69K for motor conforming to EN/IEC 60034-5 IP67 for motor conforming to EN/IEC 60034-5
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