



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	2.9 A
Continuous stall torque	2 N.m for LXM62 2 N.m for LXM52
Continuous power	880 W
Peak stall torque	7.6 N.m for LXM62 7.6 N.m for LXM52
Nominal output power	880 W for LXM62 880 W for LXM52
Nominal torque	1.4 N.m for LXM62 1.4 N.m for LXM52
Nominal speed	6000 rpm for LXM62 6000 rpm for LXM52
Maximum current Irms	11.8 A for LXM62 11.8 A for LXM52
Maximum permanent current	2.2 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	11 mm
Shaft length	23 mm
Key width	4 mm
Speed feedback resolution	128 periods
Holding brake	Without

Holding torque	2 N.m
Mounting support	Flange
Motor flange size	71 mm
Electrical connection	Cable with stripped end
Back emf constant	0.68 V/krpm at 20 °C
Number of motor poles	48
Rotor inertia	0.41 kg.cm ²
Stator resistance	4.2 Ohm
Stator inductance	19 mH
Maximum radial force Fr	390 N at 6000 rpm
Maximum axial force Fa	80 N
Type of cooling	Natural convection
Length	216.7 mm
Centring collar diameter	60 mm
Centring collar depth	2.5 mm
Number of mounting holes	4
Mounting holes diameter	6 mm
Circle diameter of the mounting holes	71 mm
Product weight	6.4 kg

Environment

IP degree of protection	IP69K motor: conforming to EN/IEC 60034-5 IP67 motor: conforming to EN/IEC 60034-5
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Contractual warranty

Warranty	18 months
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