

Product datasheet

Characteristics

BSH1003P05F2A

AC servo motor BSH - 100 mm - IP50 - Without key



Main

Product or component type	Servo motor
Device short name	BSH
Maximum mechanical speed	6000 rpm
IP degree of protection	IP50 standard
Mounting support	International standard flange

Complementary

Range compatibility	Lexium 32 Lexium 15 Lexium 05
Supply voltage max	480 V
Network number of phases	Three phase
Continuous stall current	6.6 A
Maximum continuous power	3.14 W
Maximum permanent current	28.3 A
Switching frequency	8 kHz
Second shaft	Without second shaft end
Shaft diameter	19 mm
Shaft length	40 mm
Key width	30 mm
Motor flange size	100 mm
Number of motor stacks	3
Number of motor poles	8
Stator resistance	1.43 Ohm at 20 °C
Stator inductance	8.8 mH at 20 °C
Stator electrical time constant	6.15 ms at 20 °C
Maximum axial force Fa	0.2 x Fr
Type of cooling	Natural convection
Centring collar diameter	95 mm
Centring collar depth	3.5 mm
Number of mounting holes	4
Mounting holes diameter	9 mm

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

Circle diameter of the mounting holes 115 mm

Contractual warranty

Warranty 18 months
