Product data sheet

Specifications





servo motor BMH, Lexium 32, 34.4Nm, 3800rpm, keyed shaft, with brake, IP65, IP67, 16bit encoder

BMH2051P36F2A

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 11,700.00 USD

Main

Product Or Component Type	Servo motor
Device Short Name	ВМН
Maximum Mechanical Speed	3800 rpm
Continuous Stall Torque	304.47 lbf.in (34.4 N.m) LXM32.D72N4 24 A, 400 V, three phase 304.47 lbf.in (34.4 N.m) LXM32.D72N4 24 A, 480 V, three phase
Peak Stall Torque	915.17 lbf.in (103.4 N.m) LXM32.D72N4 24 A, 400 V, three phase 915.17 lbf.in (103.4 N.m) LXM32.D72N4 24 A, 480 V, three phase
Nominal Output Power	5400 W LXM32.D72N4 24 A, 400 V, three phase 5400 W LXM32.D72N4 24 A, 480 V, three phase
Nominal Torque	228.35 lbf.in (25.8 N.m) LXM32.D72N4 24 A, 400 V, three phase 228.35 lbf.in (25.8 N.m) LXM32.D72N4 24 A, 480 V, three phase
Nominal Speed	2000 rpm LXM32.D72N4 24 A, 400 V, three phase 2000 rpm LXM32.D72N4 24 A, 480 V, three phase
Product Compatibility	LXM32.D72N4 400480 V three phase
Shaft End	Keyed
Ip Degree Of Protection	IP65 standard IP67 with IP67 kit
Speed Feedback Resolution	32768 points/turn
Holding Brake	With
Mounting Support	International standard flange
Electrical Connection	Rotatable right-angled connectors

Complementary

Range Compatibility	Lexium 32
[Us] Rated Supply Voltage	480 V
Phase	Three phase
Continuous Stall Current	21.5 A
Continuous Power	6.8 W
Maximum Current Irms	72 A LXM32.D72N4
Maximum Permanent Current	78.1 A
Second Shaft	Without second shaft end
Shaft Diameter	1.50 in (38 mm)

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

3.15 in (80 mm)
2.76 in (70 mm)
Single turn SinCos Hiperface
708.06 lbf.in (80 N.m) holding brake
8.07 in (205 mm)
1
104 V/krpm 248 °F (120 °C)
10
87.4 kg.cm ²
0.3 Ohm 68 °F (20 °C)
5.9 mH 68 °F (20 °C)
19.7 ms 68 °F (20 °C)
3730 N 1000 rpm 2960 N 2000 rpm 2580 N 3000 rpm
0.2 x Fr
40 W
Natural convection
14.59 in (370.5 mm)
7.09 in (180 mm)
0.16 in (4 mm)
4
0.55 in (14 mm)
8.46 in (215 mm)
83.56 lb(US) (37.9 kg)

Ordering and shipping details

Category	US1PC5318282
Discount Schedule	PC53
Gtin	3606485202877
Returnability	No
Country Of Origin	DE

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	14.17 in (36.0 cm)
Package 1 Width	12.20 in (31.0 cm)
Package 1 Length	22.83 in (58.0 cm)
Package 1 Weight	94.80 lb(US) (43.0 kg)

Contractual warranty

Warranty

18 months

Sustainability Screen

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free
Rohs Exemption Information Yes
Pvc Free

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	No need of specific recycling operations
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov