Product data sheet

Specifications





① Discontinued

servo motor BMH, Lexium 32, 62.5Nm, 3800rpm, keyed shaft, with brake, IP54, 16 multiturn encoder, straight

BMH2052P17F1A

() Discontinued on: Oct 9, 2023

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

Main

| ВМН |
|--|
| Servo motor |
| 3800 rpm |
| 553.2 lbf.in (62.5 N.m) LXM32.D72N4 24 A, 400 V, three phase 553.2 lbf.in (62.5 N.m) LXM32.D72N4 24 A, 480 V, three phase |
| 1504.6 lbf.in (170 N.m) LXM32.D72N4 24 A, 400 V, three phase 1504.6 lbf.in (170 N.m) LXM32.D72N4 24 A, 480 V, three phase |
| 6500 W LXM32.D72N4 24 A, 400 V, three phase 6500 W LXM32.D72N4 24 A, 480 V, three phase |
| 368.2 lbf.in (41.6 N.m) LXM32.D72N4 24 A, 400 V, three phase 368.2 lbf.in (41.6 N.m) LXM32.D72N4 24 A, 480 V, three phase |
| 1500 rpm LXM32.D72N4 24 A, 400 V, three phase 1500 rpm LXM32.D72N4 24 A, 480 V, three phase |
| LXM32.D72N4 400480 V three phase |
| Keyed |
| IP54 standard |
| 32768 points/turn x 4096 turns |
| With |
| International standard flange |
| Straight connectors |
| |

Complementary

| Range Compatibility | Lexium 32 |
|---------------------------|--------------------------|
| [Us] rated supply voltage | 480 V |
| Phase | Three phase |
| Continuous stall current | 24.2 A |
| Continuous power | 7.85 W |
| Maximum current Irms | 72 A LXM32.D72N4 |
| Maximum permanent current | 96.8 A |
| Second shaft | Without second shaft end |
| Shaft diameter | 1.5 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.

| 3.1 in (80 mm) |
|---|
| 2.8 in (70 mm) |
| Multiturn SinCos Hiperface |
| 708.06 lbf.in (80 N.m) holding brake |
| 8.07 in (205 mm) |
| 2 |
| 2.6 N.m/A 248.000000000 °F (120 °C) |
| 161 V/krpm 248.000000000 °F (120 °C) |
| 10 |
| 145 kg.cm ² |
| 0.3 Ohm 68.000000000 °F (20 °C) |
| 5.6 mH 68.000000000 °F (20 °C) |
| 18.7 ms 68.000000000 °F (20 °C) |
| 4200 N 1000 rpm 3330 N 2000 rpm 2910 N 3000 rpm |
| 0.2 x Fr |
| 40 W |
| Natural convection |
| 17.9 in (454.5 mm) |
| 7.09 in (180 mm) |
| 0.2 in (4 mm) |
| 4 |
| 0.6 in (14 mm) |
| 8.5 in (215 mm) |
| 107.8 lb(US) (48.9 kg) |
| |

Ordering and shipping details

| Category | US1PC5318282 |
|-------------------|---------------|
| Discount Schedule | PC53 |
| GTIN | 3606485203416 |
| Returnability | No |
| Country of origin | DE |

Packing Units

| U | |
|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 14.2 in (36.0 cm) |
| Package 1 Width | 12.2 in (31.0 cm) |
| Package 1 Length | 28.7 in (73.0 cm) |
| Package 1 Weight | 127.9 lb(US) (58.0 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

| 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 |