

BMH1902P32F2A

servo motor BMH - 48 Nm - 4000 rpm - keyed shaft - with brake - IP65/IP67

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



Main

Product or component type	Servo motor
Device short name	BMH
Maximum mechanical speed	4000 rpm
Shaft end	Keyed
Speed feedback resolution	131072 points/turn x 4096 turns
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	30.8 A
Continuous power	6.1 W
Maximum permanent current	114 A
Second shaft	Without second shaft end
Shaft diameter	1.5 in (38 mm)
Shaft length	3.15 in (80 mm)
Key width	2.76 in (70 mm)
Feedback type	Multiturn SinCos Hiperface
Motor flange size	7.48 in (190 mm)
Number of motor stacks	2
Number of motor poles	10
Rotor inertia	144.8 kg.cm ²
Maximum axial force Fa	0.2 x Fr

Brake pull-in power	40 W
Type of cooling	Natural convection
Length	12.2 in (310 mm)
Centring collar diameter	7.09 in (180 mm)
Centring collar depth	0.16 in (4 mm)
Number of mounting holes	4
Mounting holes diameter	0.55 in (14 mm)
Circle diameter of the mounting holes	8.46 in (215 mm)
Product weight	71.65 lb(US) (32.5 kg)

Ordering and shipping details

Category	18282 - LEXIUM 32 MOTORS
Discount Schedule	PC53
GTIN	003606485266190
Nbr. of units in pkg.	1
Package weight(Lbs)	72
Returnability	N
Country of origin	DE

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1101 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov