Product data sheet Characteristics

MH31901P01F2200

servo motor MH3 190 36,9Nm,no key,single,brake,IP65/IP67,3kRPM





Main

Range compatibility	PacDrive 3
Device short name	MH3
Product or component type	AC servo motors

Complementary

3800 rpm
115480 V
Three phase
23.2 A
30 N.m, 115480 V, three phase
6750 W
110 N.m, 115480 V, three phase
5.18 W, 400 V 5.18 W, 480 V
16.5 N.M for LXM52 at 14.00 mA, 400 V, 3 phases 16.5 N.M for LXM52 at 14.00 mA, 480 V, 3 phases 16.5 N.M for LXM62 at 14.00 mA, 400 V, 3 phases 16.5 N.m for LXM62 at 14.00 mA, 480 V, 3 phases
3000 rpm for LXM52 at 14.00 mA, 400 V, 3 phases 3000 rpm for LXM52 at 14.00 mA, 480 V, 3 phases 3000 rpm for LXM62 at 14.00 mA, 400 V, 3 phases 3000 rpm for LXM62 at 14.00 mA, 480 V, 3 phases
89.6 A
Smooth shaft
Without second shaft end
38 mm
80 mm
IP65 standard
Single turn SinCos Hiperface
128 periods
With
32 N.m
International standard flange
190 mm
Rotatable right-angled connectors
1.3 N.m/A at 120 °C
87.6 V/krpm
10
71.8 kg.cm ²
0.24 Ohm

Stator inductance	5.08 mH
Stator electrical time constant	19.7 ms
Maximum radial force Fr	2900 N at 1000 rpm
	2750 N at 2000 rpm
	2650 N at 3000 rpm
	2600 N at 4000 rpm
Brake pull-in power	22.5 W
Type of cooling	Natural convection
Length	248 mm
Centring collar diameter	180 mm
Centring collar depth	4 mm
Number of mounting holes	4
Mounting holes diameter	14 mm
Circle diameter of the mounting holes	215 mm
Net weight	37.9 kg

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	40.0 cm	
Package 1 Width	30.0 cm	
Package 1 Length	79.5 cm	
Package 1 Weight	20.7 kg	

Offer Sustainability

Office Odstalliability	
Sustainable offer status	Green Premium product
REACh Regulation	[™] REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	☑ China RoHS Declaration
RoHS exemption information	₽¥Yes
Environmental Disclosure	☐ Product Environmental Profile
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

