Product data sheet Characteristics

SH30702P12F1100

servo motor SH3 070 2,2Nm,key,multi,brake,str.conn,IP65/IP65,8k **RPM**



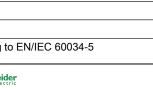


Main

	· ·		
Range compatibility	PacDrive 3		
Product or component type	Servo motor		
Device short name	SH3P		

Complementary Maximum mechanical speed

Maximum mechanical speed	8000 rpm	e. iii.s
[Us] rated supply voltage	115480 V	
Network number of phases	Three phase	
Continuous stall current	2.9 A	ated Commining
Continuous stall torque	2.2 N.m at 115480 V three phase	
Peak stall torque	7.6 N.m at 115480 V three phase	
Nominal output power	340 W at 115 V three phase 1360 W at 480 V three phase 660 W at 230 V three phase 1190 W at 400 V three phase	and is not to be seed for
Nominal torque	2.1 N.m at 230 V three phase 1.8 N.m at 480 V three phase 2.15 N.m at 115 V three phase 1.9 N.m at 400 V three phase	s cultures and such such such such such such such such
Nominal speed	6000 rpm at 400 V three phase 1500 rpm at 115 V three phase 3000 rpm at 230 V three phase 7200 rpm at 480 V three phase	or or interest of the state of
Maximum current Irms	11.8 A	
Shaft end	Parallel key	
Shaft diameter	11 mm	don mental in
Shaft length	23 mm	
Key width	4 mm	
IP degree of protection	IP65 (motor) conforming to EN/IEC 60034-5	ischeimer:



IP65 (shaft bushing) conforming to EN/IEC 60034-5

Frander time	About to multiture CiaCoa Historiana
Encoder type	Absolute multiturn SinCos Hiperface
Speed feedback resolution	128 periods
Holding brake	With
Holding torque	2 N.m
Mounting support	International standard flange
Motor flange size	70 mm
Electrical connection	Straight connector
Torque constant	0.77 N.m/A at 120 °C
Back emf constant	48 V/krpm at 20 °C
Number of motor poles	3
Rotor inertia	0.482 kg.cm²
Stator resistance	4.2 Ohm
Stator inductance	29.65 mH
Maximum radial force Fr	390 N at 6000 rpm 410 N at 5000 rpm 450 N at 4000 rpm 490 N at 3000 rpm 560 N at 2000 rpm 710 N at 1000 rpm
Maximum axial force Fa	80 N
Type of cooling	Natural convection
Length	212.5 mm
Centring collar diameter	60 mm
Centring collar depth	2.5 mm
Number of mounting holes	4
Mounting holes diameter	5.5 mm
Circle diameter of the mounting holes	82 mm
Product weight	3 kg

Offer Sustainability

Sustainable offer status	Green Premium product	
RoHS (date code: YYWW)	Compliant - since 1036 - 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	

Contractual warranty

Contraction warranty		
Warranty period	18 months	