

SW Series 6" Brushless AC Servo Motors

(Washdown)

6 Pole | UL Recognized



Winding			
Torque, Cont. Stall Nm	Speed (lb-in) (Note 3)	Rated / Max (RPM) (Note 3)	Current, Cont. (Arms)

Shaft & Mounting		
Output Shaft Diameter x Extension	Keyway	Front Mounting Width x Length

Finish/ Shaft Material	
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Holding Brake (Electric Release)	
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Winding Voltage (Note 1)	
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Commutation/ Feedback Device	
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Additional Feedback/ Optional Sealing (Note 4)	
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Connection Method	
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<b>61-D</b>	5.7 (\$2,337)	(50.8)	2000/2600	4.6
<b>61-G</b>	5.7 (\$2,337)	(50.8)	3300/3950 M461G=M320	6.6
<b>62-D</b>	12.2 (\$2,678)	(108.1)	2000/2500	9.2
<b>62-E</b>	12.2 (\$2,678)	(108.1)	2500/3100	11.3
<b>62-G</b>	12.2 (\$2,678)	(108.1)	3000/3950 M462G=M321	15.0
<b>63-D</b>	17.4 (\$2,963)	(154.2)	1750/2275	11.4
<b>63-F</b>	17.4 (\$2,963)	(154.2)	2500/3575	18.4
<b>63-K</b>	17.4 (\$2,963)	(154.2)	3500/5350 M463K=M324	29.1
<b>64-C</b>	21.9 (\$3,515)	(193.6)	1500/200	13.6
<b>64-E</b>	21.9 (\$3,515)	(193.6)	2000/3125	21.0
<b>64-G</b>	21.9 (\$3,515)	(193.6)	2500/3975 M464G=M327	27.9
<b>65-C</b>	24.9 (\$4,097)	(219.9)	1500/2000	15.3
<b>65-D</b>	24.9 (\$4,097)	(219.9)	1800/2500	19.1
<b>65-G</b>	24.9 (\$4,097)	(219.9)	2500/3725 M465G=M329	28.9

NEMA 56C/D Modified		
Flange: 6.00" sq	B.C.: Ø7.00"	Clearance Hole: Ø.406"
Shaft: Ø1.125" x 2.75"	Full Key 0.250" x 1.50"	Blind B.C.: Ø5.875"
		Blind Hole: 3/8"-16 x 0.56"Dp
		Pilot: Ø4.500"

DIN 42955-N Tol		
Flange: 152.4mm sq	B.C.: Ø165mm	Clearance Hole: Ø12mm
Shaft: Ø24 x 50mm	No Keyway	Pilot: Ø130mm

DIN 42955-N Tol		
Flange: 152.4mm sq	B.C.: Ø165mm	Clearance Hole: Ø12mm
Shaft: Ø24 x 50mm	Captive Key 8 x 40mm	Pilot: Ø130mm

DIN 42955-R Tol		
Flange: 152.4mm sq	B.C.: Ø165mm	Clearance Hole: Ø12mm
Shaft: Ø24 x 50mm	No Keyway	Pilot: Ø130mm

DIN 42955-R Tol		
Flange: 152.4mm sq	B.C.: Ø165mm	Clearance Hole: Ø12mm
Shaft: Ø24 x 50mm	Captive Key 8 x 40mm	Pilot: Ø130mm

<b>S</b>	Black Paint Steel Shaft (A311)
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<b>A</b>	Black Paint Stainless Shaft (17-4)
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<b>B</b>	Black Paint/Finless Steel Shaft (A311)
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<b>C</b>	Black Paint/Finless Stainless Shaft (17-4)
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<b>0</b>	Without Brake
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<b>B</b>	24VDC 11.3Nm 100lb-in 131-011-0006
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<b>C</b>	24VDC 19.7Nm 174lb-in 131-011-0007
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<b>0</b>	230V, Design for IP66
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<b>2</b>	460V, Design for IP66
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<b>5</b>	Resolver, 2 pole, 0.5 xfm ratio, 10kHz, 7Vrms Input EPN: 325-005-0019
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<b>A</b>	Resolver, 2 pole, 0.25 xfm ratio, 4kHz, 6Vrms Input EPN: 325-005-0021
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<b>D</b>	EnDat 2.2/01 Multi-turn Absolute, 512cyc/ref, 4096rev
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<b>2</b>	Incremental Encoder, RS422 2000ppr preQuad w/ TTL Halls 500kHz Line Driver QR12
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<b>P</b>	Hiperface DSL, Multi-turn Abs, 18bit, 4096rev Single Cable EKM36
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<b>S</b>	Hiperface, Single-turn Abs, 128cyc/rev, SKS36
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<b>T</b>	Hiperface, Multi-turn Abs, 4096rev 128cyc/rev, SKM36
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<b>U</b>	1Vpp Sin/Cos Encoder, 256 cycles/rev w/ TTL Halls 500kHz Line Driver QR12
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<b>0</b>	None
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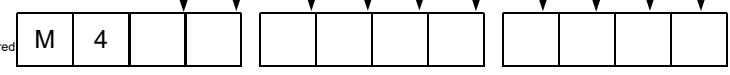
<b>E</b>	O-ring groove at motor face, O-ring included
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<b>3</b>	MS Connectors Direct to Endbell w/o Mating Connectors
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<b>4</b>	Add-on Box w/ rear (NDE) facing blanking plate & Terminal Strip
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<b>N</b>	SpeedTec M23 Conn, IP68 Vent
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- Notes:**
1. Thermo switch rating 180degC in motor, each winding (3), normally closed contact.
  2. Connection method option "4" will not accept a secondary resolver. Order option "1" if this is required.
  3. Derate the motor continuous torque by 6% and use 1/2 listed current for 460V winding motors.
  4. All motors include standard shaft seal unless specified otherwise.



Replaces all previous pricing sheets.  
 All data & prices are subject to change without notice.  
 EDN: 057250  
 EPN: 307-660-0106C  
 (997-002-4676)