

SW Series 6" Brushless AC Servo Motors
(Washdown)

(6 Pole) UL Recognized



	Winding	
	Torque, Cont. Nm (lb-in) (Note 2)	Winding Speed (RPM) (Arms) (Note 2)

Shaft & Mounting	
Output Shaft Diameter x Extension	Front Mounting

Finish / Shaft Material

Brake
Rear Mounted, Electric Release

Winding Voltage/ Sealing / Thermal Protection (Note 1)
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Commutation / Feedback Device
CONSULT FACTORY

Additional Feedback Device or Mount / Optional Sealing (Note 4)

Connection Method

61-D	5.7 (51.0)	2500	5.0
61-G	5.7 (51.0)	4000	7.6
62-D	12.2 (108.0)	2500	10
62-E	12.2 (108.0)	3000	11.5
62-G	12.2 (108.0)	4000	15.0
63-D	17.4 (154.0)	2500	15.0
63-F	17.4 (154.0)	3500	20.0
63-K	17.4 (154.0)	5500	15.0
64-C	21.9 (194.0)	2000	29.0
64-E	21.9 (194.0)	3000	20.0
64-G	21.9 (194.0)	4000	27.3
65-C	24.8 (220.0)	2000	14.5
65-D	24.8 (220.0)	2500	18.0
65-G	24.8 (220.0)	4000	28.9

NEMA 56C - D Modified	
1.125 x 2.75 in Keyway	Sq. Flange 6.0 in, 4.5 in Pilot, (4) 3/8-16 UNC-2B thread, 0.56 in deep holes on 5.875 in BC & (4) 0.406 in holes on 7.00 in BC
DIN Normal Tolerances	
24 x 50 mm Without Keyway	Sq. Flange 152.4 mm 130 mm Pilot (4) 12 mm holes on 165 mm B.C.
DIN Normal Tolerances	
24 x 50 mm Captive Keyway	Sq. Flange 152.4 mm 130 mm Pilot (4) 12 mm holes on 165 mm B.C.
DIN 42955-R Tolerances	
24 x 50 mm Without Keyway	Sq. Flange 152.4 mm 130 mm Pilot (4) 12 mm holes on 165 mm B.C.
DIN 42955-R Tolerances	
24 x 50 mm Captive Keyway	Sq. Flange 152.4 mm 130 mm Pilot (4) 12 mm holes on 165 mm B.C.

S	Black Paint/Steel (ASTM A311) For Winding Options 6 and 4 Anodized/SS (416)
A	Black Paint / SS (416)
B	Black Paint/Finless Steel (ASTM A311)
C	Black Paint /Finless SS (416)

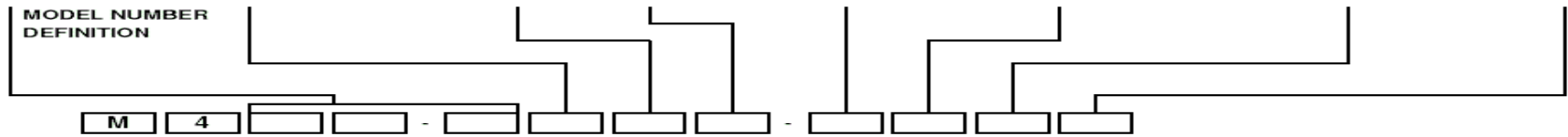
0	Without Brake
B	24VDC 11.4 Nm 100 lb-in 131-011-0006
C	24VDC 19.9 Nm 175 lb-in 131-011-0007
D	24VDC 40 Nm 350 lb-in 131-011-0007

0	230V IP 66 Sealing
1	230V IP 67 Sealing
6	230V Black Anodized Exterior with Stainless Steel Shaft (Connection Option 3, 6, H, K or M must be used)
2	460V IP 66 Sealing
3	460V IP 67 Sealing
4	460V Black Anodized Exterior with Stainless Steel Shaft (Connection Option 3, 6, H, K or M must be used)

0	Without Feedback
2 Pole Brushless Pancake Resolver 1.04 Transformation 6.6kHz, 7.5Vrms Input Special Option (Consult Factory) EPN: 325-003-0007	
2 Pole Brushless Pancake Resolver 0.5 Transformation 10kHz, 7.0Vrms Input EPN: 325-005-0015	
2 Pole Brushless Pancake Resolver 0.25 Transformation 4kHz, 6.0Vrms Input EPN: 325-005-0008	
2 Pole Brushless Pancake Resolver 0.5 Transformation 5.0kHz, 4Vrms Input EPN: 325-005-0005	
Absolute, Heidenhain, EnDat Multi-Turn	
Encoder 500kHz AM26LS31 RS422 Line Driver	
1000 Lines / Rev	
1024 Lines / Rev	
2000 Lines / Rev	
2048 Lines / Rev	
4096 Lines / Rev	
Absolute, Stegmann, Hiperface SRS50 - Single-Turn	
Absolute, Stegmann, Hiperface SRM50 - Multi-Turn	

0	Without Secondary Device
A	Direct Coupled, 2-Pole Resolver EPN: 325-001-0002
B	BEI H25E or D Mounting Only 1:1
C	Heidenhain Rod 420 Mounting Only 1:1
D	Heidenhain Rod 426 Mounting Only 1:1

1	MS Connectors Direct to Endbell with Straight Mating Connectors
2	MS Connectors Direct to Endbell with 90 degree Mating Connectors
3	MS Connectors Direct to Endbell without Mating Connectors
4	Add on Box with With Terminal Strip Rear Facing Blank Plate
6	MS Connectors Direct to Endbell with Straight (cable) Mating Connectors
H	MS Connectors Direct to Endbell with Straight (sealite) Mating Connectors
K	MS Connectors Direct to Endbell with 90 degree (cable) Mating Connectors
M	MS Connectors Direct to Endbell with 90 degree (sealite) Mating Connectors



- Notes:**
1. Thermo switch rating 155degC in motor, each winding (3), normally closed contact.
 2. Derate the motor continuous torque by 6% and use 1/3 listed current for 460V winding motors.
 3. All motors include standard shaft seal unless specified otherwise.

Replaces all previous pricing sheets.
All data & prices are subject to change without notice.
Rev C (04-30-15) EDN: 057250
ECO: 007753 EPN: 307-660-0106C
997-002-6476