

SW Series 7" Brushless AC Servo Motors
(Washdown)

(4 or 8 Pole) UL Recognized



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

Shaft & Mounting	
Output Shaft Diameter x Extension	Front Mounting

Magnet Type

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 3)

Connection Method

73-B	18.9 (167.0)	1500	10.0
73-C	18.9 (167.0)	2250	12.6
74-A	24.0 (212.0)	1300	10.0
74-C	24.0 (212.0)	2250	16.7
75-B	31.0 (276.0)	1700	12.0
76-A	37.1 (328.0)	1300	15.0
76-B	37.1 (328.0)	1700	20.0
76-C	37.1 (328.0)	2250	25.7
77-A	42.1 (372.0)	1100	15.0
77-B	42.1 (372.0)	1500	20.0
77-C	42.1 (372.0)	2250	29.0
79-A	49.7 (440.0)	1000	15.0
79-B	49.7 (440.0)	1500	23.0
79-C	49.7 (440.0)	2000	30.0

NEMA 56C - D Modified	
1.375 x 3.125 in Keyway	Sq. Flange 7.0 in, 4.5 in Pilot (4) 0.531 in Holes on a 7.875 in BC AND (4) 0.375-16 UNC-2B Thread, 0.56 in Holes Sq. Flange 7.0 in, 4.5 in
DIN Normal Tolerances	
32 x 58 mm Without Keyway	Sq. Flange 177.8 mm 180 mm Pilot (4) 15 mm holes on 215 mm B.C.
DIN Normal Tolerances	
32 x 58 mm Captive Keyway 10 x 50 mm	Sq. Flange 177.8 mm 180 mm Pilot (4) 15 mm holes on 215 mm B.C.
DIN 42955-R Tolerances	
See Option "M" for Measurements	
DIN 42955-R Tolerances	
See Option "N" for Measurements	
DIN Normal Tolerances	
32 x 60 Without Keyway	Sq. Flange 177.8 mm 130 mm Pilot, (4) 15 mm holes on 215 mm B.C. AND M10 x 1.50-5H tap (4) holes on 165mm BC
S	Shaft and Flange same as "L" Except With Captive Keyway 10 x 50 mm
DIN 42955-R Tolerances	
See Option "L" Measurements	
DIN 42955-R Tolerances	
See Option "N" Measurements	

S	8 Pole Samarium Cobalt SmCo
4	4 Pole Samarium Cobalt

0	Without Brake
B	24VDC 350 lb-in

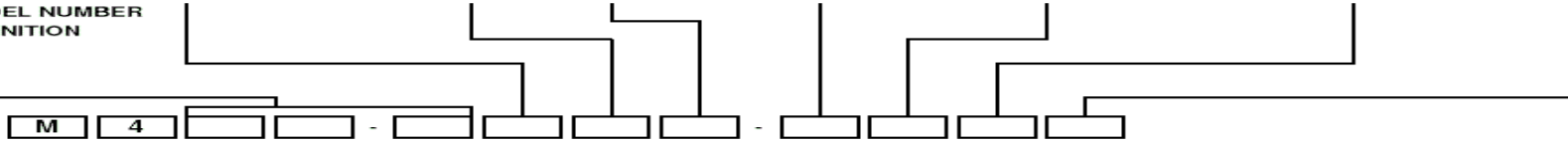
0	230V IP 66 Sealing
1	230V IP 67 Sealing
6	230V Black Anodized Exterior with Stainless Steel Shaft (Connection Option 3, 6, H, K or M must be used)
2	460V IP 66 Sealing
3	460V IP 67 Sealing
4	460V Black Anodized Exterior with Stainless Steel Shaft (Connection Option 6 or H must be used)

0	Without Feedback
A	2 Pole Brushless Pancake Resolver 1.04 Transformation 6.6kHz, 7.5Vrms Input Special Option (Consult Factory) EPN: 325-003-0007
B	2 Pole Brushless Pancake Resolver 0.5 Transformation 10kHz, 7.0Vrms Input EPN: 325-005-0015
C	2 Pole Brushless Pancake Resolver 0.25 Transformation 4kHz, 6.0Vrms Input EPN: 325-005-0008
D	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
C	VEAM CIRO20R Series Connectors Direct to Endbell without Mating Connectors

MODEL NUMBER DEFINITION



- Notes:**
1. Thermo switch rating 155degC in motor, each winding (3), normally closed contact.
 2. Derate the motor continuous torque by 6% and use 1/2 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 B (2-1-13) EDN: 057251
ECO: 006829 EPN: 307-670-0106C
997-002-6477