


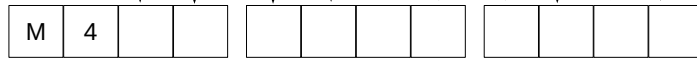
SF Series 4" Brushless AC Servo Motors
(Food Grade)

6 Pole | UL Recognized 

ELWOOD [®] HIGH PERFORMANCE
SERVOS - STEPPERS

Winding					Shaft & Mounting		Finish/ Shaft Material	Holding Brake (Electric Release)	Winding Voltage	Commutation/ Feedback Device	Additional Feedback/ Optional Sealing	Connection Method																																								
Torque, Cont. Stall Nm	Speed (lb-in)	Current, Rated / Max (RPM)	Current, Cont. (Arms)	Output Shaft Diameter x Extension Keyway Width x Length		FDA Food Grade White Epoxy / Stainless Steel Shaft (17-4)	0 Without Brake	(Note 1)	2 Pole Brushless Pancake Resolver 0.5 Transformation 10kHz, 7.0Vrms Input EPN: 325-005-0015	0 Without Secondary Device	3 MS Connectors Direct to Endbell without Mating Connectors																																									
(Note 2)				Front Mounting (Note 3)																																																
41-E	2.2	(19.2)	2500/2950	2.1	NEMA 42 - D Flange 0.625 x 1.375 in Sq. Flange 4.30 in Full Keyway 2.187 in. Pilot 0.1875 x 1.00 (4) 0.281 in holes on 4.95 in. B.C.		0 Without Brake	230V	5 2 Pole Brushless Pancake Resolver 0.5 Transformation 10kHz, 7.0Vrms Input EPN: 325-005-0015	0 Without Secondary Device	3 MS Connectors Direct to Endbell without Mating Connectors																																									
42-E	4.1	(36.6)	2500/2950	3.9	NEMA 56C - D Modified 0.625 x 2.06 in Sq. Flange 6.0 in Full Keyway 4.5 in. Pilot, (4) 3/8-16 0.1875 x 1.50 UNC-2B thread, 0.56in deep holes on 5.875in BC & (4) 0.406 in holes on 7.00 in BC							24VDC 4.5 Nm 40 lb-in 131-011-0005	460V	A 2 Pole Brushless Pancake Resolver 0.25 Transformation 4kHz, 6.0Vrms Input EPN: 325-005-0008	E Without Secondary Feedback / Front Face O-ring Groove and O-ring	4 Add on Box with (2) 1/2" NPT Rear Facing Holes with Terminal Strip (See Note 2)																																				
42-G	4.1	(36.6)	3300/3950	5.3	DIN Normal Tolerances 19 x 40 mm Sq. Flange 109.2 mm Without Keyway 95 mm Pilot (4) 9 mm holes On 115 mm B.C.												2 Incremental Encoder, 500kHz AM26LS31 RS422 Line Driver 2000 Lines / Rev, QR12 (Other resolutions available on request)	2 2000 Lines / Rev, QR12 (Other resolutions available on request)	D Abs., Heidenhain, EnDat 2.2/01 Multi-turn	N Intercontec / SpeedTec Connectors, M23																																
42-K	4.1	(36.6)	4500/5650	7.0	DIN Normal Tolerances 19 x 40 mm Sq. Flange 109.2 mm Captive Keyway 95 mm Pilot 6 x 30 mm (4) 9 mm holes On 115 mm B.C.																P Abs., Stegmann, Hiperface/DSL EKM36 - Multi-Turn	P 2000 Lines / Rev, QR12 (Other resolutions available on request)	S Abs., Stegmann, Hiperface SRSS0 - Single-Turn	N Intercontec / SpeedTec Connectors, M23																												
43-E	5.5	(48.9)	2500/2900	5.5	DIN 42955-R Tolerances 19 x 40 mm Sq. Flange 109.2 mm Without Keyway 95 mm Pilot (4) 9 mm holes On 115 mm B.C.																				S Abs., Stegmann, Hiperface SRSS0 - Single-Turn	P 2000 Lines / Rev, QR12 (Other resolutions available on request)	S Abs., Stegmann, Hiperface SRSS0 - Single-Turn	N Intercontec / SpeedTec Connectors, M23																								
43-G	5.5	(48.9)	3200/3600	7.2	DIN 42955-R Tolerances 19 x 40 mm Sq. Flange 109.2 mm Captive Keyway 95 mm Pilot 6 x 30 mm (4) 9 mm holes On 115 mm B.C.																								T Abs., Stegmann, Hiperface SRM50 - Multi-Turn	P 2000 Lines / Rev, QR12 (Other resolutions available on request)	S Abs., Stegmann, Hiperface SRSS0 - Single-Turn	N Intercontec / SpeedTec Connectors, M23																				
43-K	5.5	(48.9)	4500/5750	10.7	DIN 42955-R Tolerances 19 x 40 mm Sq. Flange 109.2 mm Captive Keyway 95 mm Pilot 6 x 30 mm (4) 9 mm holes On 115 mm B.C.																												U 1Vpp Sin/Cos Incremental w/ TTL Commutation (Halls) 512 cycles/rev	P 2000 Lines / Rev, QR12 (Other resolutions available on request)	S Abs., Stegmann, Hiperface SRSS0 - Single-Turn	N Intercontec / SpeedTec Connectors, M23																
44-C	7.8	(68.6)	1500/1975	4.9	DIN 42955-R Tolerances 19 x 40 mm Sq. Flange 109.2 mm Captive Keyway 95 mm Pilot 6 x 30 mm (4) 9 mm holes On 115 mm B.C.																																W Absolute for Yaskawa	P 2000 Lines / Rev, QR12 (Other resolutions available on request)	S Abs., Stegmann, Hiperface SRSS0 - Single-Turn	N Intercontec / SpeedTec Connectors, M23												
44-E	7.8	(68.6)	2500/3275	7.8	DIN 42955-R Tolerances 19 x 40 mm Sq. Flange 109.2 mm Captive Keyway 95 mm Pilot 6 x 30 mm (4) 9 mm holes On 115 mm B.C.																																				W Absolute for Yaskawa	P 2000 Lines / Rev, QR12 (Other resolutions available on request)	S Abs., Stegmann, Hiperface SRSS0 - Single-Turn	N Intercontec / SpeedTec Connectors, M23								
44-H	7.8	(68.6)	3500/4175	10.3	DIN 42955-R Tolerances 19 x 40 mm Sq. Flange 109.2 mm Captive Keyway 95 mm Pilot 6 x 30 mm (4) 9 mm holes On 115 mm B.C.																																								W Absolute for Yaskawa	P 2000 Lines / Rev, QR12 (Other resolutions available on request)	S Abs., Stegmann, Hiperface SRSS0 - Single-Turn	N Intercontec / SpeedTec Connectors, M23				
46-B	10.7	(95.0)	1250/1750	5.0	DIN 42955-R Tolerances 19 x 40 mm Sq. Flange 109.2 mm Captive Keyway 95 mm Pilot 6 x 30 mm (4) 9 mm holes On 115 mm B.C.																																												W Absolute for Yaskawa	P 2000 Lines / Rev, QR12 (Other resolutions available on request)	S Abs., Stegmann, Hiperface SRSS0 - Single-Turn	N Intercontec / SpeedTec Connectors, M23

- Notes:**
1. Thermo switch rating 155°C in motor, each winding (3), normally closed contact.
 2. Performance data for 230V Windings.
De-rate the motor continuous torque by 6% and use ½ listed current for 460V winding motors.
 3. All food grade motors feature finless extrusion construction



Replaces all previous pricing sheets.
All data & prices are subject to change without notice.
EDN: 057228
EPN: 307-640-0102C
(997-002-6469)