ELWOOD® HIGH PERFORMANCE MOTORS SERVOS - STEPPERS

M54x Series Stainless Steel Servo Motors

Model Number Index

Torque: Cont. Stall (lb-in / Nm) / Winding: Speed (RPM)/ Current (Arms)

	Torque: Cont. Stall (lb-in / Nm)	Winding: Speed (RPM)/ Current (Arms)
42-G	28.7 (3.2)	3000 / 4.25
	Potted Stator	

Mounting: Output: Shaft Ø x Length, Keyway: Width x Length (mm)

Shaft: Ø19 x 40, 6 x 25 Keyway, M100 Flange (IEC72-1) Ø113 Round Flange, Ø80 Pilot, Ø100 Bolt Circle

K	W
FT (IMB14/IM3601) (4) M6-1.0	FF (IMB5/IM3001) (4) Ø7 THRU

Shaft Seal

0	Hygienic (PTFE)
1	Oil Seal (for gearbox mount)

Exterior Finish & Shaft Material

7	316/316L Stainless (Ra < 0.8) 17-4PH Stainless

Brake

0	Without Brake
1	Brake, 24VDC, Spring Set, Holding

Winding Voltage

2	240V
4	480V

Feedback (Commutation) Device

T	Sick Hiperface 128cyc/rev, Multi-turn
P	Sick Hiperface DSL, Hybrid Cable, 18b, Multi-turn
2	2000ppr Inc., RS422 Line Driver
U	512cyc/rev, 1Vpp Sin/Cos, w/ TTL Comm
A	Resolver, 2-Pole, 0.25:1 XFMR
5	Resolver, 2-Pole, 0.5:1 XFMR
D	EnDat 2.2/01, Dual Cable 512cyc/rev,
R	EnDat 2.2/22, Hybrid Cable, 18b, Single-Turn
V	EnDat 2.2/22, Hybrid Cable, 18b Single +
W	Absolute for Yaskawa, Single-Turn
B	Absolute for Delta Products, Single-Turn

Sealing

9	Strain Relief (high-pressure) IP66 & IP69
8	Strain Relief IP66 (foam cleaning)

Air Purge

N	No Air Purge Provision
P	Air Purge Provision, 1/8"NPT Port
V	Vented, 316SS Breather

Cables, Power & Feedback

01	Cable Length 1m
03	Cable Length 3m
05	Cable Length 5m
10	Cable Length 10m
XX	Cable Length (as specified) XX m

Nameplate

S	Laser Stain (Hygienic)

Connector(s) at Pigtail Cable End

<BLANK>	Flying Leads
N	SpeedTec

M	5	4	2	G													