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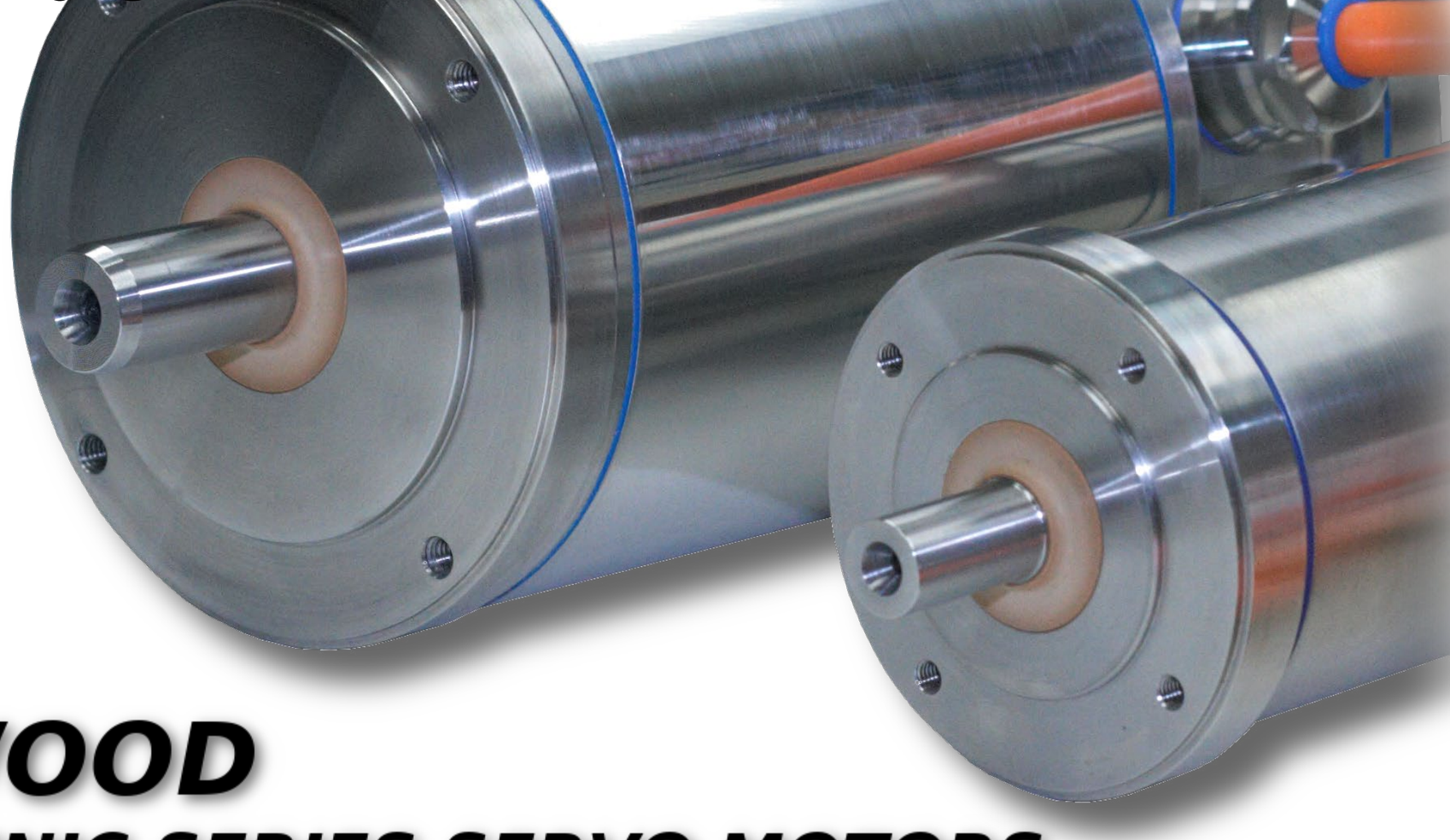


ELWOOD

HYGIENIC SERIES SERVO MOTORS

ELWOOD® HIGH PERFORMANCE MOTORS
SERVOS - STEPPERS

Elwood Hygienic Servo Motors

Features

Design:

- 316/316L stainless housing, max corrosion resistance
- No sharp inside corners
- Clean-in-place

Finish:

- N6 (<32µin, 0.8µm)
- Improve cleaning performance & limit crevices for pathogens
- Materials:
- Shaft and housing seals: FDA approved
- Bearings/grease: NSF H1 food grade
- Cables: resistant to standard cleaning chemicals
- Cable gland(s): hygienic grade
- Nameplate: laser burned

Approvals & Compliance:

- IP66 for continuous flood while in operation and complete protection against dust.
- IP69/IP69k for high pressure, high temperature while not in operation
- EHEDG, UL (cRUus), CE, RoHS
- Approvals/tests pending

Elwood Hygienic Servo Motors

Options

Output:

- Torque, continuous: 1 - 22Nm
- Torque, peak: 3.8 – 50 Nm
- Power, continuous (s1): 0.4 – 4.4 KW
  (Output Projections)

Sizes:

- Four flange sizes: 80mm, 98mm, 113mm, 132mm
- B14 (“C” Face) standard, B5 (“D” Flange) optional

Voltage:

- Windings for 240vac & 460vac standard

Feedback:

- Incremental, standard: optical encoder, resolver
- Absolute, standard: Hiperface, Hiperface DSL
- Absolute, optional (extended delivery):
  EnDat 2.1 & 2.2, BiSS, Drive Cliq

Cable:

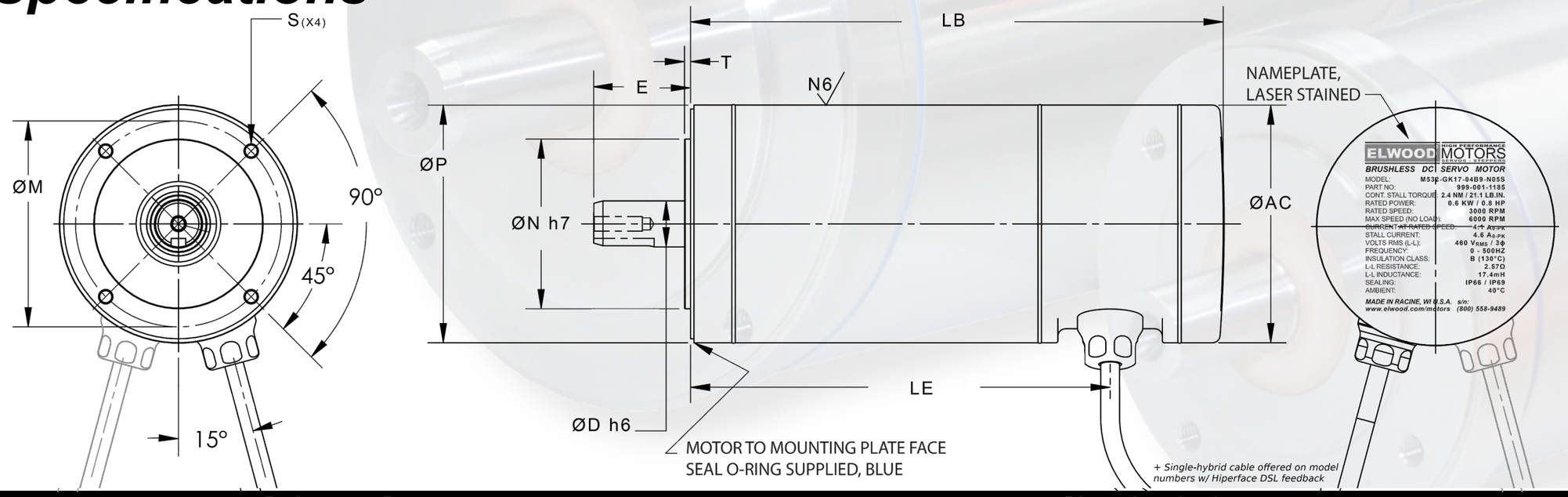
- Single lead exit or dual-radial lead exit, standard
- Length: 5m standard, other lengths optional

Brake:

- Optional, spring set, holding, 24VDC coil

Elwood Hygienic Servo Motors

Specifications



+ Single-hybrid cable offered on model numbers w/ Hiperface DSL feedback

	Performance Data						Dimensions (mm)									
Model	Torque, Stall	Power, Cont.	Speed, Rated / Max	Torque, At Speed, Rated / Max	Torque, Peak	Inertia	Pilot Diameter	Flange Diameter	Shaft Diameter	Shaft Extension	Mounting Bolt Circle	Mounting Hole Thread	Overall Length	Length to Lead Exit	Housing Diameter	Pilot Height
	Nm	KW	RPM	Nm	Nm	kg·m²	ØN	ØP	ØD	E	ØM	S	LB	LE	ØAC	T
M423-T	0.8	0.50	8000 / 8000	0.7 / 0.7	3.1	0.00001	40 h7	80	14 h6	30	65	M5-0.8 ↧ 8	250	200	75	2.5
M522-G[1]	1.3	0.35	3000 / 5000	1.1/ 0.65	3.8	0.00003	40 h7	80	14 h6	30	65	M5-0.8 ↧ 8	205	170	75	2.5
M532-G	2.4	0.65	3000 / 5000	1.9 / 1.2	7.2	0.00012	70 h7	98	19 h6	40	85	M6-1.0 ↧ 9	220.5	173.4	98	2.5
M542-G	3.2	0.88	3000 / 4000	2.7 / 2.1	8.8	0.00027	80 h7	113	19 h6	40	100	M6-1.0 ↧ 9	221.5	173.9	111	2.5
M552-G[1]	6.4	1.75	3000 / 5000	5.1 / 3.3	19	0.00050	95 h7	132	24 h6	50	115	M8-1.25 ↧ 12	300	250	120	3.0
M562-G	10.0	2.60	3000 / 4500	8.0 / 5.5	28	0.00127	95 h7	132	24 h6	50	115	M8-1.25 ↧ 12	300	250	130	3.0
M572-G	28.0	4.40	1500 / 3000	22.4 / 13.0	70	0.00775	130 h7	189	32 h6	58	165	M8-1.25 ↧ 12	350	300	185	3.5

* Projected data and dimensions, subject to change

** Length specified for single cable and dual-radial lead exit. Add ~30mm for dual-inline lead exit

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