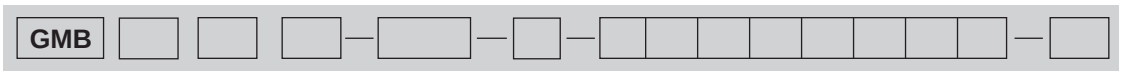
GMB & GMBF BRUSHLESS SERVO MOTORS MODEL NUMBERING



F - Ferrite Magnets

Frame Size
20 = 2.0" Motor (4 pole)
35 = 3.5" Motor (6 pole)
43 = 4.3" Motor (6 pole)
45 = 4.5" Motor (4 pole)
50 = 5.0" Motor (8 pole)
56 = 5.6" Motor (6 pole)
75 = 7.5" Motor (6 pole)

Stack Length
** Listed in tenths of inches*
i.e. 55 = 5.5 inch stack

Back EMF Constant

***E** = English*
***M** = Metric*
***N** = NEMA*

Brake Option:
0 = No brake installed
1 = 24 VDC Brake
2 = Special

Commutation Device:
0 = Brushless Resolver
1 = Hall Effect Sensors
2 = Encoder with commutation tracks (see encoder option for resolution)
3 = Special

Number of Motor Poles:
0 = 2 Pole
1 = 4 Pole
2 = 6 Pole
3 = 8 Pole
4 = 10 Pole
5 = 12 Pole
6 = Special

Flange Type:
0 = Standard
1 = Special
2 = NEMA 23 (2.0" frame motors)
3 = NEMA 34 (3.5" frame motors)
4 = NEMA 42 (4.3" and 4.5" frame motors)
5 = NEMA 56C (4.3", 4.5" and 5.0" frame motors)

Shaft Type:
0 = Standard
1 = Special
2 = NEMA 23 (2.0" frame motors)
3 = NEMA 34 (3.5" frame motors)
4 = NEMA 42 (4.3" and 4.5" frame motors)
5 = NEMA 56C (4.3", 4.5" and 5.0" frame motors)

Lead Termination:
0 = One MS Connector
1 = Two MS Connectors
2 = NPT(s) only with flying leads
3 = Special
4 = Liquid tight strain relief with flying leads

Wiring Diagram:
0 = Glentek Standard
1 = Special

Encoder Option:
0 = No Encoder installed
1 = 500 PPR
2 = 1000 PPR
3 = 1024 PPR
4 = 1250 PPR
5 = 2000 PPR
6 = 2500 PPR
7 = Special
8 = 8192 PPR
9 = 5000 PPR

Factory Assigned Option:
NOTE: A numerical code will be assigned by Glentek to motors whose specifications vary from the standard configuration.

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