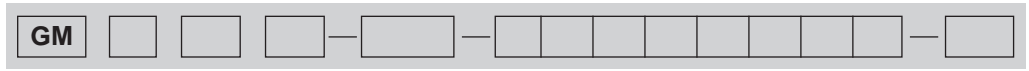


# DC BRUSH SERVO MOTORS MODEL NUMBERING



**R – Rare Earth Magnets** \_\_\_\_\_

**Frame Size** \_\_\_\_\_

23 = 2.3" Motor  
33 = 3.3" Motor  
40 = 4.0" Motor

49 = 4.9" Motor  
60 = 6.0" Motor

**Stack Length** \_\_\_\_\_

\* Listed in tenths of inches i.e. 10 = 1.0 inch stack

**Back EMF Constant** \_\_\_\_\_

**Brake Option:** \_\_\_\_\_

0 = No brake installed  
1 = 24 VDC Brake

2 = Special

**Tachometer Option:** \_\_\_\_\_

0 = No tachometer installed  
1 = 3 VDC tachometer  
2 = 7 VDC tachometer

3 = 9.5 VDC tachometer  
4 = Special

**Encoder Option:** \_\_\_\_\_

0 = No encoder installed  
2 = 500 PPR (Flexible hollow shaft butterfly mount)  
4 = 1000 PPR (Flexible hollow shaft butterfly mount)  
6 = 2000 PPR (Flexible hollow shaft butterfly mount)  
8 = 2500 PPR (Flexible hollow shaft butterfly mount)  
9 = Special

**Brushless Resolver Option:** \_\_\_\_\_

0 = No resolver installed  
1 = brushless resolver

2 = Special

**Flange Type:** \_\_\_\_\_

0 = Standard Round (All frame sizes)  
1 = Standard Square (2.3, 3.3 and 6.0" frame motors only)  
2 = M1 (4.0" and 4.9" frame motors only)  
3 = M2 (4.0" and 4.9" frame motors only)  
4 = M3 (4.0" and 4.9" frame motors only)  
5 = NEMA 56C (3.3, 4.0, 4.9 and 6.0" frame motors only)  
6 = Special

**Lead Termination:** \_\_\_\_\_

0 = Flying leads exiting through a rubber grommet  
1 = .5" NPT with flying leads  
2 = .75" NPT with flying leads  
3 = Motor male MS connector P/N: MS3102R-14S-06P (6-pin style, 2.3", 3.3" and 4.0" frame motors only)  
4 = Motor male MS connector P/N: MS3102R-20-27P (14-pin style, 2.3", 3.3" and 4.0" frame motors only)  
5 = Motor male MS connector P/N: MS3102R-24-07P (16-pin style, 3.3", 4.0", 4.9" and 6.0" frame motors only)  
6 = Liquid tight strain relief with flying leads  
7 = Terminal box (4.0, 4.9 and 6.0" frame motors only)  
8 = Special

**Wiring Diagram (MS Connector lead termination only):** \_\_\_\_\_

0 = Glentek Standard

1 = Special

**Sealing Option:** \_\_\_\_\_

0 = No sealing option (Viton O-Ring sealing standard except on 2.3" frame motors)  
1 = Shaft Seal

2 = Special

**Factory Assigned Option:** \_\_\_\_\_

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

**Glentek, Inc.**

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