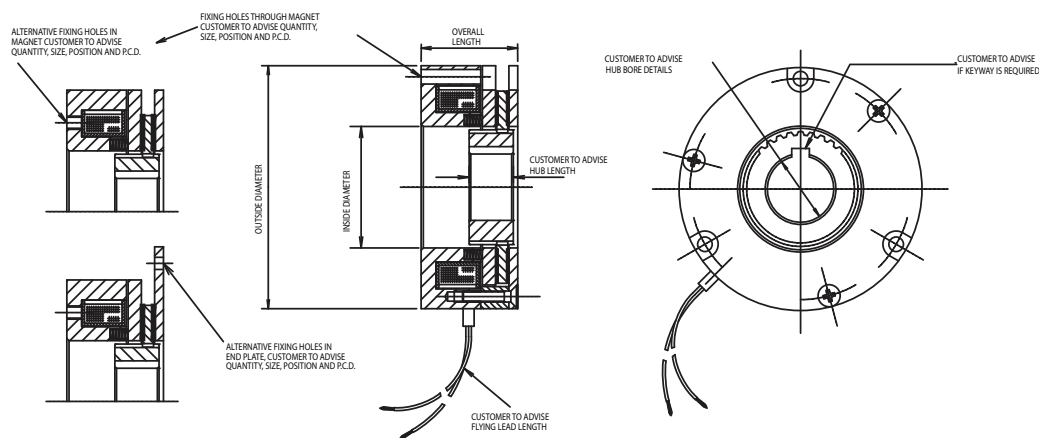




1EB SERIES

Servo Motor Brakes



Unit Ref.	Outside Diameter in. (mm)	Inside Diameter in. (mm)	Brake Length in. (mm)	Preferred Max. Hub Bore in. (mm)	Max. Static Torque lb. in. (Nm)	Approx. Weight lbs. (kg)
1EB11	1.58 (40)	0.51 (13)	1.18 (30)	0.39 (10)	3.54 (0,4)	0.44 (0,20)
1EB12	1.73 (44)	0.55 (14)	1.22 (31)	0.47 (12)	10.62 (1,2)	0.66 (0,30)
1EB14	1.97 (50)	0.79 (20)	1.38 (35)	0.47 (12) plain bore	17.70 (2,0)	0.88 (0,40)
1EB17	2.20 (56)	1.02 (26)	1.18 (30)	0.59 (15)	22.12 (2,5)	0.88 (0,40)
1EB18	2.36 (60)	0.79 (20)	1.22 (31)	0.67 (17)	35.40 (4,0)	1.00 (0,45)
1EB20	2.76 (70)	1.18 (30)	1.30 (33)	0.79 (20) plain bore	61.95 (7,0)	1.54 (0,70)
1EB24	3.03 (77)	1.18 (30)	1.38 (35)	1.06 (27) plain bore	106.19 (12,0)	1.76 (0,80)
1EB26	3.27 (83)	1.38 (35)	1.46 (37)	1.26 (32) plain bore	119.47 (13,5)	2.20 (1,00)
1EB27	3.35 (85)	1.38 (35)	1.57 (40)	0.98 (25)	132.74 (15,0)	2.42 (1,10)
1EB28	3.54 (90)	1.38 (35)	1.42 (36)	1.26 (32) plain bore	221.24 (25,0)	2.42 (1,10)
1EB30	3.94 (100)	1.65 (42)	1.73 (44)	1.18 (30) plain bore	265.49 (30,0)	3.74 (1,70)
1EB35	4.33 (110)	2.17 (55)	1.73 (44)	1.57 (40)	442.48 (50,0)	3.96 (1,80)
1EB37	4.72 (120)	2.17 (55)	1.77 (45)	1.57 (40)	486.73 (55,0)	4.84 (2,20)
1EB40	5.04 (128)	2.17 (55)	1.81 (46)	1.57 (40)	530.97 (60,0)	7.26 (3,30)
1EB45	5.71 (145)	2.17 (55)	2.36 (60)	1.57 (40)	619.47 (70,0)	11.00 (5,00)
1EB50	6.30 (160)	2.28 (58)	2.76 (70)	1.57 (40)	1327.43 (150,0)	17.60 (8,00)
1EB60	7.28 (185)	2.60 (66)	2.99 (76)	1.57 (40)	1592.92 (180,0)	26.40 (12,00)
1EB70	8.35 (212)	3.15 (80)	3.70 (94)	1.77 (45)	3539.82 (400,0)	44.00 (20,00)
1EB70-D*	8.35 (212)	3.15 (80)	4.33 (110)	1.77 (45)	3982.30 (450,0)	55.00 (25,00)
1EB80**	10.00 (254)	4.25 (108)	4.72 (120)	2.76 (70)	3539.82 (400,00)	70.00 NA
1EB100**	12.05 (306)	5.04 (128)	5.12 (130)	3.15 (80)	5309.73 (600,00)	90.00 NA

* Brake with double friction disc.

** Brakes have been designed only, i. e. not manufactured.

Note: The table above shows some of the outline data for our range of typical servomotor brakes. It is to be used as a guide only and the torque values are based on static holding use only. For brakes that will see dynamic use or operation at elevated temperatures these values do not apply. The data may vary to suit customer requirements. Matrix International Limited reserves the right to alter any of the above information without prior notice.



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