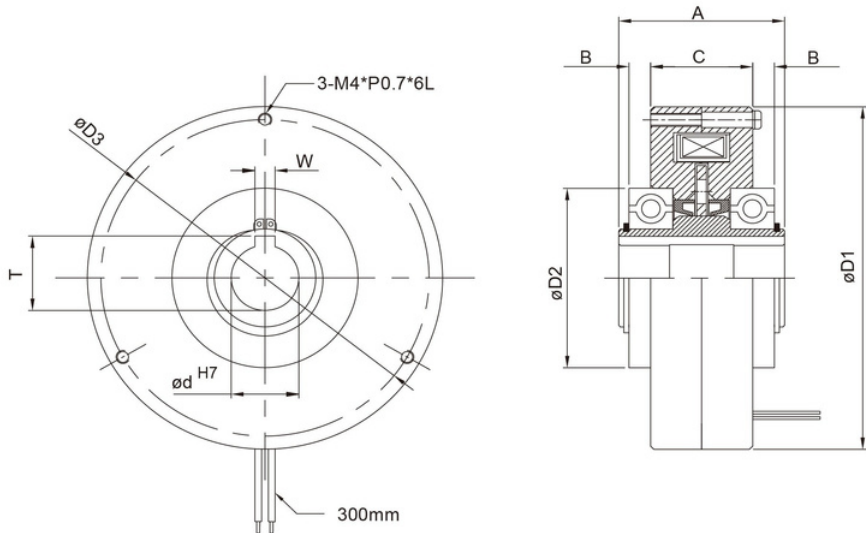


MKX Series

Magnetic Particle Brake (Hollow-shaft type)



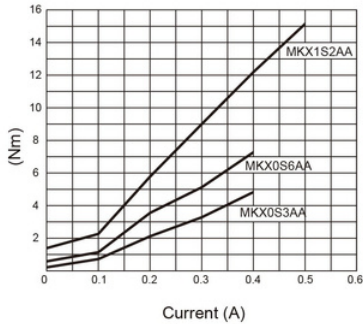
MODEL		MKXS03AA	MKX056AA	MKX1S2AA
Rated Torque (Nm)		3	6	12
Capacity DC24V @ 75 °C	Current (A)	0.4	0.4	0.5
	Power (W)	9.6	9.6	12
	Time (S)	0.035	0.05	0.07
Moment of Inertia (kgcm ²)		3.5×10^{-5}	9×10^{-5}	1.6×10^{-4}
Max. Speed (r/min)		400	400	400
Exterior Dimensions	A B	43	49	50
	C	6.5	6.5	7
	D1	25	30	30
	D2	88	105	118
	D3	47	55	62
	d	80	97	110
	W	15	20	25
	T	5	6	8
		17.3	22.8	28.3

MKX Series

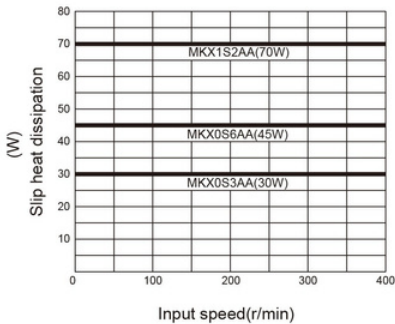
Magnetic Particle Brake (Hollow-shaft type)

Special Features:

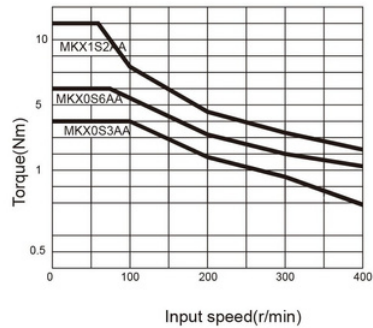
Torque vs. Input current (reference only)



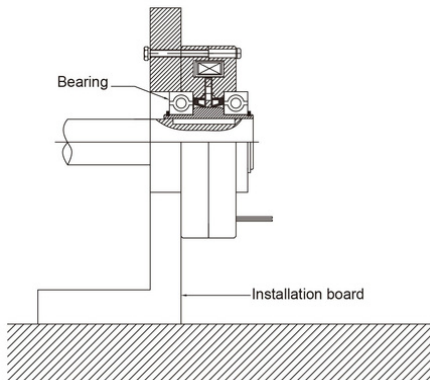
Slip Heat Dissipation



Allowable Sustained Torque Levels



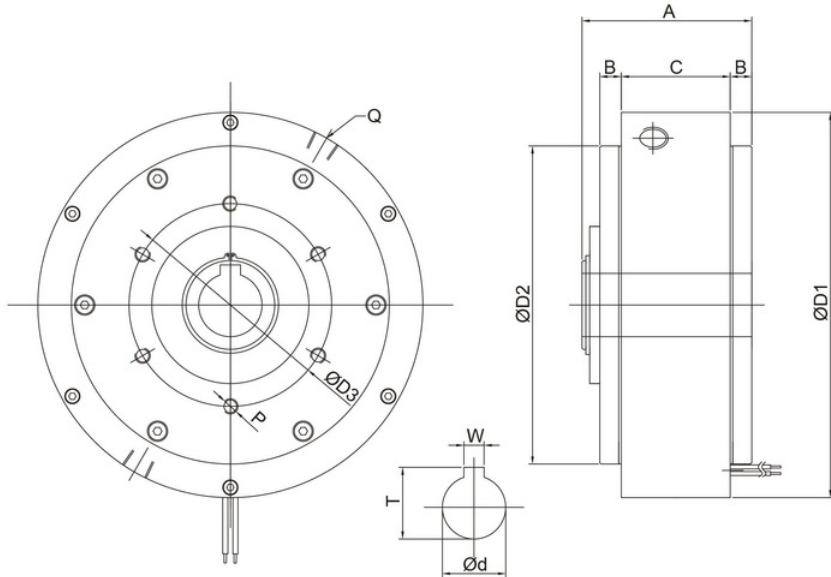
Examples of Installation



1. Installation flange must be firmly attached to installation board.
2. Brake shaft and load must be connected by a spring coupling and factors such as shaft concentricity, right angles etc., must be within the specified limits.
3. If bearings are used to hold the load shaft, the shaft and inner bore of bearing must be fit completely.

MKX Series

Magnetic Particle Brake (Hollow-shaft type)



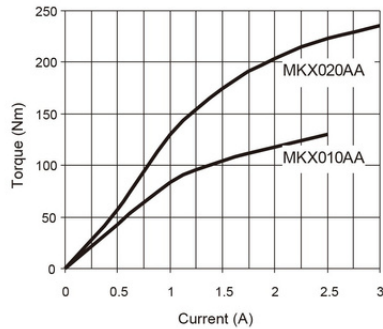
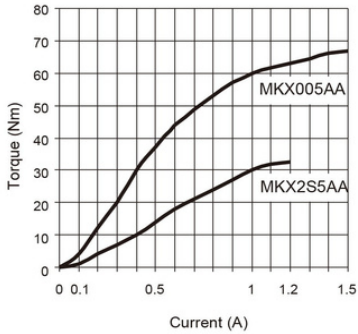
MODEL		MKX2S5AA	MKX005AA	MKX010AA	MKX020AA
Rated Torque (Nm)		25	50	100	200
Capacity DC24V @ 75 °C Power (W) Time(S)	Current (A)	0.86	1.24	2.15	2.4
		20.6	30	51.5	57.6
		0.17	0.20	0.23	0.35
Moment of Inertia (kgcm ²)		1.75x10 ⁻³	3.96x10 ⁻³	1.29x10 ⁻²	4.07x10 ⁻²
Max. Speed (r/min)		1800			
A		67	70	89	129
B		8.5	8	12	25
C		43	46	56	68
D1		152	182	219	276
D2		125.5	160	190	250
Exterior Dimensions D3		80	92	120	150
D H7		25	30	35	45
P		6-M6x10L	6-M6x10L	6-M8x15L	6-M10x15L
Q		2-PT1/8		2-PT1/4	2-PT3/8
W		8	8	10	14
T		28.3	33.3	38.3	49.8

MKX Series

Magnetic Particle Brake (Hollow-shaft type)

Special Features:

Torque vs. Input current (reference only)



Slip Heat Dissipation (Natural Cooling)

