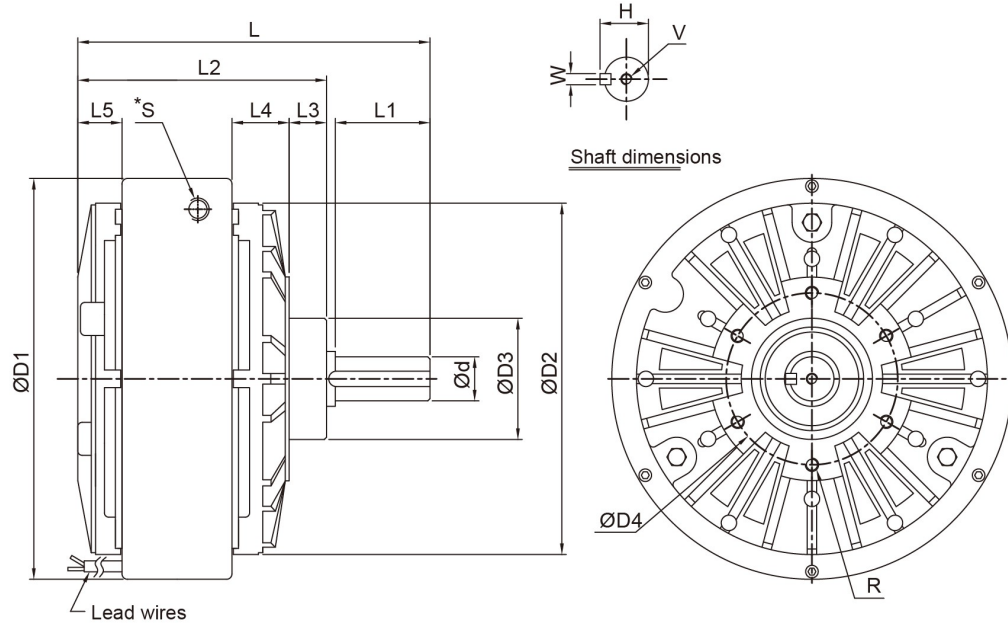


MPB Series

Magnetic Particle Brake

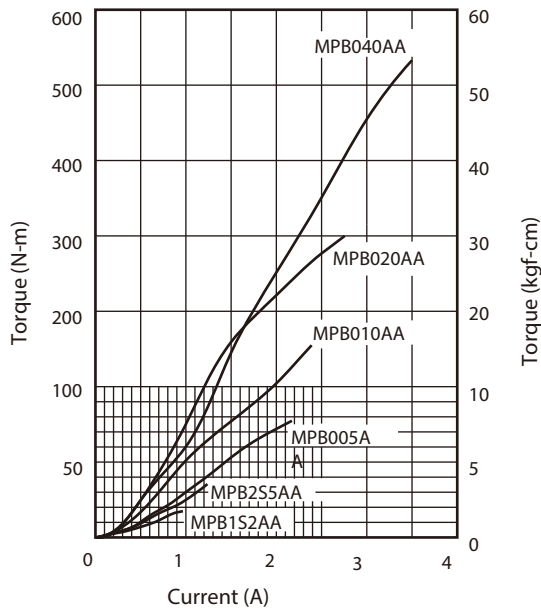


MODEL		MPB1S2AA	MPB2S5AA	MPB005AA	MPB010AA	MPB020AA	MPB040AA
Torque Rating (Nm)		12	25	50	100	200	400
Capacity DC24V (75°C)	Current (A)	0.94	1.24	2.15	2.4	2.7	3.5
	Power (W)	22.5	30	51.5	57.6	64.8	84
Moment of Inertia (kgm ²)		1.34*10 ⁻³	3.8*10 ⁻³	9.5*10 ⁻³	3.5*10 ⁻²	9.15*10 ⁻²	2.4*10 ⁻¹
Slippage Rate with Forced-Air Cooling	Pressure (Pa)	3*10 ⁻⁴	5*10 ⁻⁴	1*10 ⁻⁵	6*10 ⁻⁴	5*10 ⁻⁴	2.10 ⁻⁵
	Volume (m ³ /min)	0.2	0.4	0.6	1.1	1.6	2.0
	Power (W)	250	380	700	1100	1900	2800
Weight (kg)		6	9.5	15.5	36	55.5	111.5
Max. Speed (r/min)		1800					
Weight of Powder		20	33	60	140	225	370
Exterior Dimensions	D1	152	182	219	276	325	395
	D2	126	159.5	195	260.5	301	360
	D3 (g7)	42	55	74	100	110	130
	D4	64	78	100	140	150	200
	L	131.8	155	192.4	235	274.45	336.7
	L1	29.5	43	55	65	69	92
	L2	98.1	108	131.3	163.5	195.85	232
	L3	15	17	30	28	30	35
	L4	25.5	26	28	46	56	66.5
	L5	14.6	15	17.3	21.5	31.85	42.5
	d (h7)	15	20	25	30	35	45
	H	17	22	28	33	38.5	48.5
	W	5		7		10	12
	V	M4x8	M5x10	M6x12	M10x20		
	R	6-M6x10			6-M10x15		8-M12x20
	S	1/8		1/4	3/8		

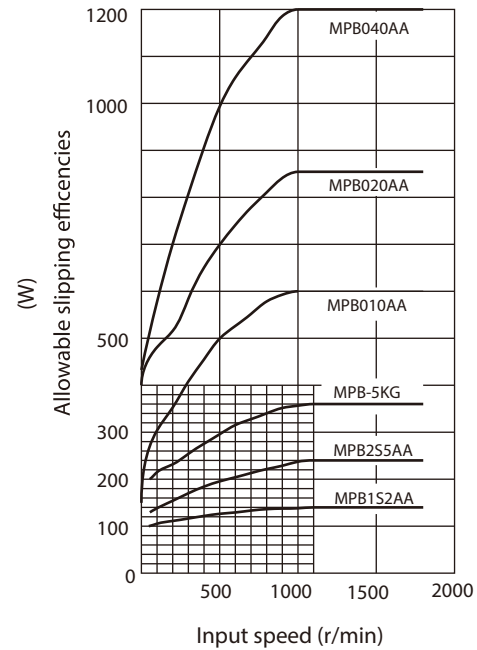
MPB Series

Magnetic Particle Brake

Special features of standard torque
(reference only)



Allowable sustained operating efficiencies
(natural cooling)



Allowable sustained torque levels
(natural cooling)

