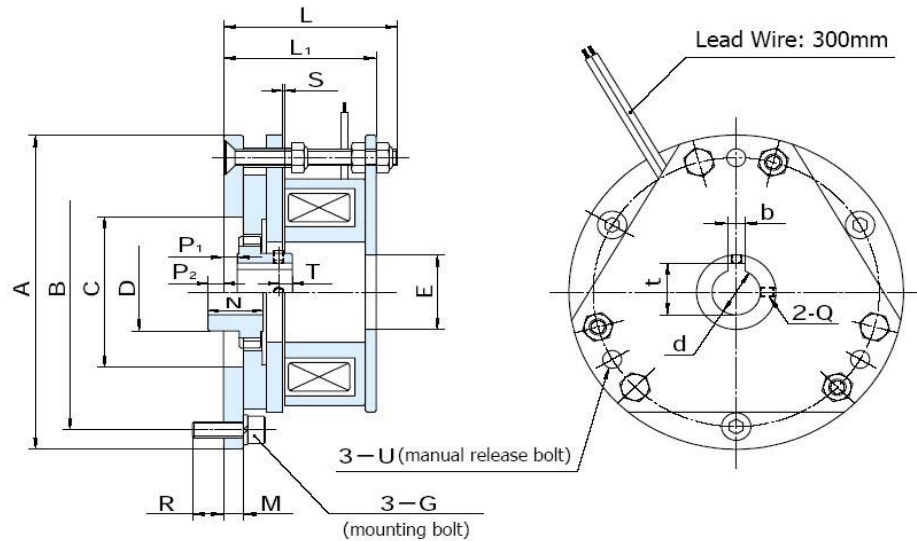


# MNB

## EM Spring-Applied Brake

Types: 0.2, 0.4, 0.8

[ EM: Electromagnet ]



MNB		0.2G	0.2K	0.4G	0.4K	0.8G	0.8K
Static Torque [ft-lbs / N-m]		1.5 / 2		3 / 4		5.9 / 8	
Coil (20°C)	Voltage [DC-V]	24	90	24	90	24	90
	Current [A]	0.56	0.15	0.65	0.17	0.8	0.22
	Resistance [Ω]	43	600	37	520	30	410
	Wattage [W]	13.5	13.5	15.5	15.5	19	20
Armature	Pull-In Time [ms]	35	35	40	40	60	25 <sup>1</sup>
	Release Time [ms]	30	30	30	30	30	30 <sup>1</sup>
Max Allowable Speed [rpm]		4000		4000		3500	
Moment of Inertia (J) [kg-cm <sup>2</sup> ]		0.3		0.4		1.3	
Max Air Gap Until Adjustment [mm]		0.6		0.6		0.6	
Max Energy Until Adjustment [J]		1.7 x 10 <sup>7</sup>		2.7 x 10 <sup>7</sup>		4.0 x 10 <sup>7</sup>	
Max Energy Until Life [J]		4.0 x 10 <sup>7</sup>		6.0 x 10 <sup>7</sup>		9.0 x 10 <sup>7</sup>	
Max Work Rate [W]		41		57		98	
Bore [mm]	dH7	12		14		19	
Key Way [mm]	bE9	4		5		5	
	t+0.15/-0	13.5		16		21	
	A	85		97		120	
Dimensions [mm]	B	74		85		108	
	C	44		46.5		68	
	D	24		24		32	
	E	20		23		40	
	G	M5		M5		M5	
	L	50.5		50.5		55.5	
	L1	43.5		44.3		49.1	
	M	4.7		5.7		5.7	
	N	16		16		25	
	P1	2.8		4		4	
	P2	5.7		4.5		11	
	Q	M3		M3		M4	
	R	7.8		8.8		8.8	
	S	0.1~0.35		0.1~0.35		0.1~0.35	
	T	4		4		7	
	U	M4-35		M5-35		M5-40	
Weight [lbs / kg]		1.8 / 0.8		2.2 / 1.0		3.3 / 1.5	

[ Included parts & accessories : bolts, washers, surge protector ]

[ 1" = 25.4mm ]

[ Note 1 : OFS 220 power supply ]

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