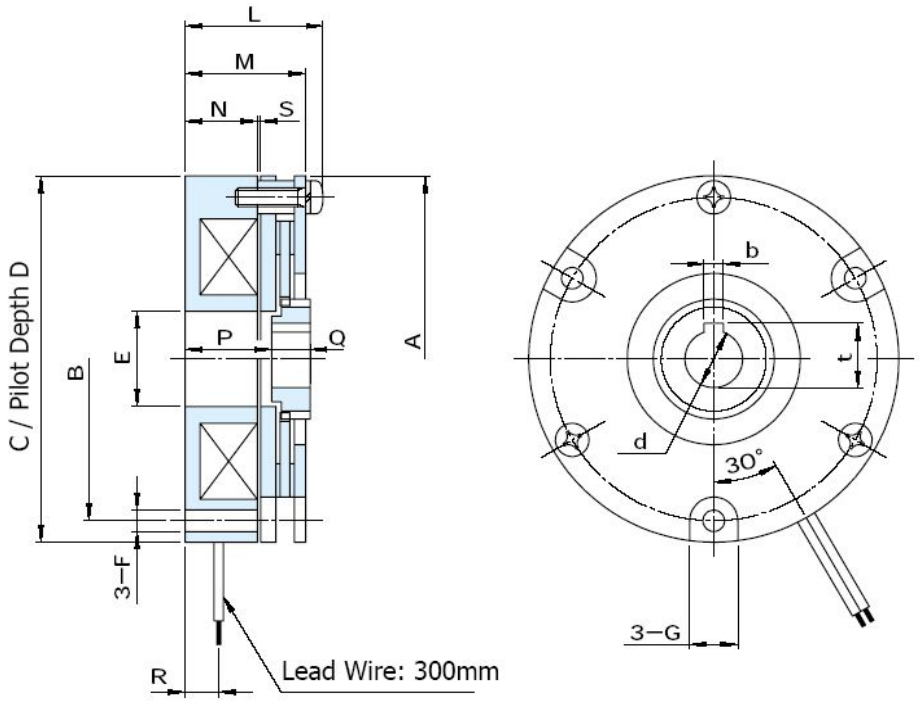
RNB

EM Spring-Applied Brake

Types: 0.2, 0.4, 0.8, 1.6

[EM: Electromagnet]



RNB[1]		0.2G	0.2K	0.4G	0.4K	0.8G	0.8K	1.6G	1.6K
Static Torque [ft-lbs / N-m]		1.5 / 2		3 / 4		5.9 / 8		12 / 16	
Coil (20°C)	Voltage [DC-V]	24	90	24	90	24	90	24	90
	Current [A]	0.41	0.11	0.54	0.14	0.63	0.17	0.76	0.2
	Resistance [Ω]	59	815	45	630	38	540	32	445
	Wattage [W]	10		13		15		18	
Armature	Pull-In Time [ms]	35		45		55		70	
	Release Time [ms]	12		12		15		25	
Max Allowable Speed [rpm]		5000		4000		4000		3500	
Moment of Inertia (J) [kg-cm²]		0.185		0.325		0.675		2.85	
Bore [mm]	d_{H7}	12		12		14		19	
Key Way [mm]	b_{E9}	4		4		5		5	
	$t_{+0.15/-0}$	13.5		13.5		16		21	
Dimensions [mm]	A	77		85		97		117	
	B	68		74		85		108	
	C_{h9}	77		85		97		117	
	D	3		4		4		4	
	E	20		20		25		40	
	F	4.5		5.5		5.5		5.5	
	G	10		11		11		11	
	L	30		32		35		41	
	M	25.5		27.5		29.5		34.5	
	N	15		16		17		19.5	
	P	18		16		14		15	
	Q	8		12		16		20	
	R	7		7.5		8.5		8.5	
	S	0.15~0.3		0.15~0.3		0.15~0.3		0.15~0.3	
Weight [lbs / kg]		1.3 / 0.6		1.9 / 0.9		2.6 / 1.2		4.2 / 1.9	

[Note 1 : For holding and emergency-stop applications only]

[1 inch = 25.4 mm]

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