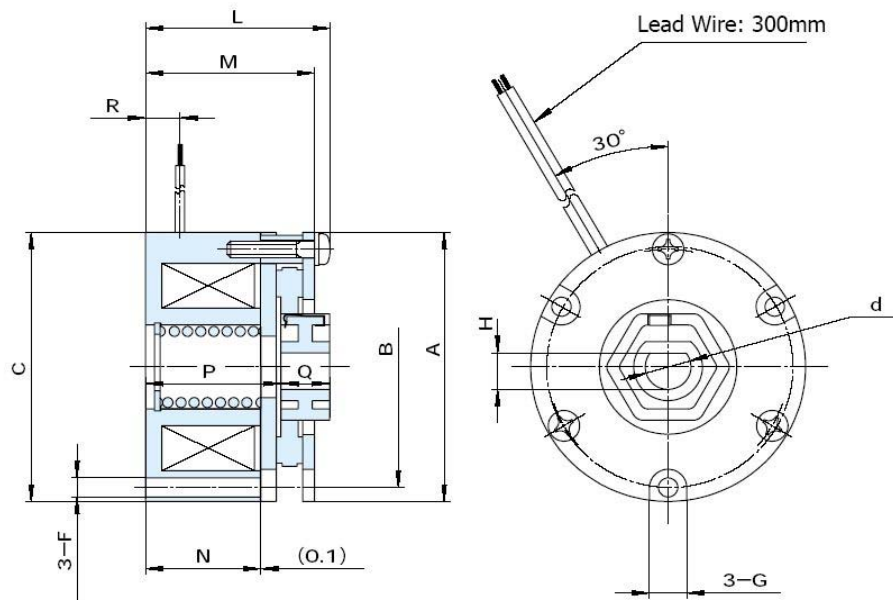


MCNB

Micro EM Spring-Applied Brake

Types: 2, 5, 10

[EM: Electromagnet]



MCNB		Stopping	2GS	2KS	5GS	5KS	10GS	10KS
		Holding	2GR	2KR	5GR	5KR	10GR	10KR
Static Torque [in-lbs / N-m]			1.8 / 0.2		4.4 / 0.5		8.9 / 1	
Coil (20°C)	Voltage [DC-V]		24	90	24	90	24	90
	Current [A]		0.175	0.047	0.271	0.072	0.293	0.078
	Resistance [Ω]		137	1928	88.6	1246	82	1157
	Wattage [W]		4.2		6.5		7	
Armature	Pull-In Time ¹ [ms]		12		17		24	
	Release Time ¹ [ms]		6		6		6	
Moment of Inertia (J) [kg-cm ²]			0.0026		0.0094		0.0173	
Max Work Rate [W]	Dynamic		5		10		18	
	Holding		2.5		5		9	
Total Energy Until Life [J]	Dynamic		2.8×10^6		5.3×10^6		6.0×10^6	
	Holding		1.4×10^6		2.7×10^6		3.0×10^6	
Bore [mm]		dH9	8		8		10	
Dimensions [mm]	A		40		48		58	
	B		35		43		52	
	C+0/-0.1		40		48		58	
	F		3		3.4		3.4	
	G		6		6.5		7	
	H+0.1/-0		6.5		6.5		8	
	L		29		33		35	
	M		26		29.5		32	
	N		18		20		22.5	
	P+0.3/-0.1		21		23.6		26	
	Q		8.5		8.5		8.5	
	R		6		6		6	
Weight [lbs / kg]			0.37 / 0.17		0.57 / 0.26		0.93 / 0.42	

[Note 1 : TNR15G471K varistor, 0.1mm gap]

[1" = 25.4mm]

Ogura Industrial Corp.
100 Randolph Rd.
Somerset, NJ 08875



New Version

[with hex hub]

www.ogura-clutch.com

info@ogura-clutch.com

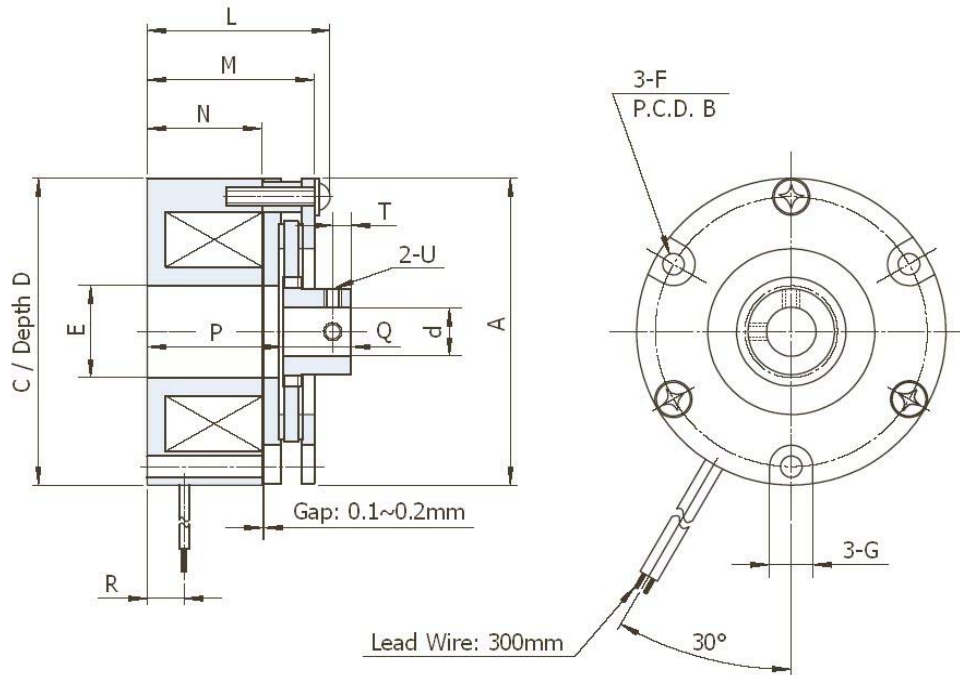
(732) 271-7361

MCNB

Micro EM Spring-Applied Brake

Types: 2, 5, 10

[EM: Electromagnet]



MCNB		2G	2H	5G	5H	10G	10H
Static Torque [in-lbs / N-m]		1.8 / 0.2		4.4 / 0.5		8.9 / 1	
Coil (20°C)	Voltage [DC-V]	24	45	24	45	24	45
	Resistance [Ω]	135	400	89	350	66	270
	Wattage [W]	5		7		9	
Armature	Pull-In Time [ms]	20		25		30	
	Release Time [ms]	5		5		10	
Moment of Inertia (J) [kg-cm ²]		0.01		0.033		0.085	
Max Work Rate [W]		5		10		18	
Total Energy Until Life [J]		2.8×10^6		5.3×10^6		6.0×10^6	
Dimensions [mm]	Bore [mm]	dH8	8	8	10	10	10
	A	40	50	63	63	63	63
	B	34	44	54	54	54	54
	Ch9	40	50	63	63	63	63
	D	3	3	3	3	3	3
	E	10	15	22	22	22	22
	F	3.5	3.5	4.5	4.5	4.5	4.5
	G	7	7	9	9	9	9
	L	30	30	31	31	31	31
	M	27	27	27	27	27	27
	N	20	18.7	17.8	17.8	17.8	17.8
	P	23	22	21	21	21	21
	Q	10	11	13	13	13	13
	R	6	6	6	6	6	6
	T	3	3	4	4	4	4
	U	M3	M3	M4	M4	M4	M4
Weight [lbs / kg]		0.42 / 0.19		0.62 / 0.28		0.95 / 0.43	



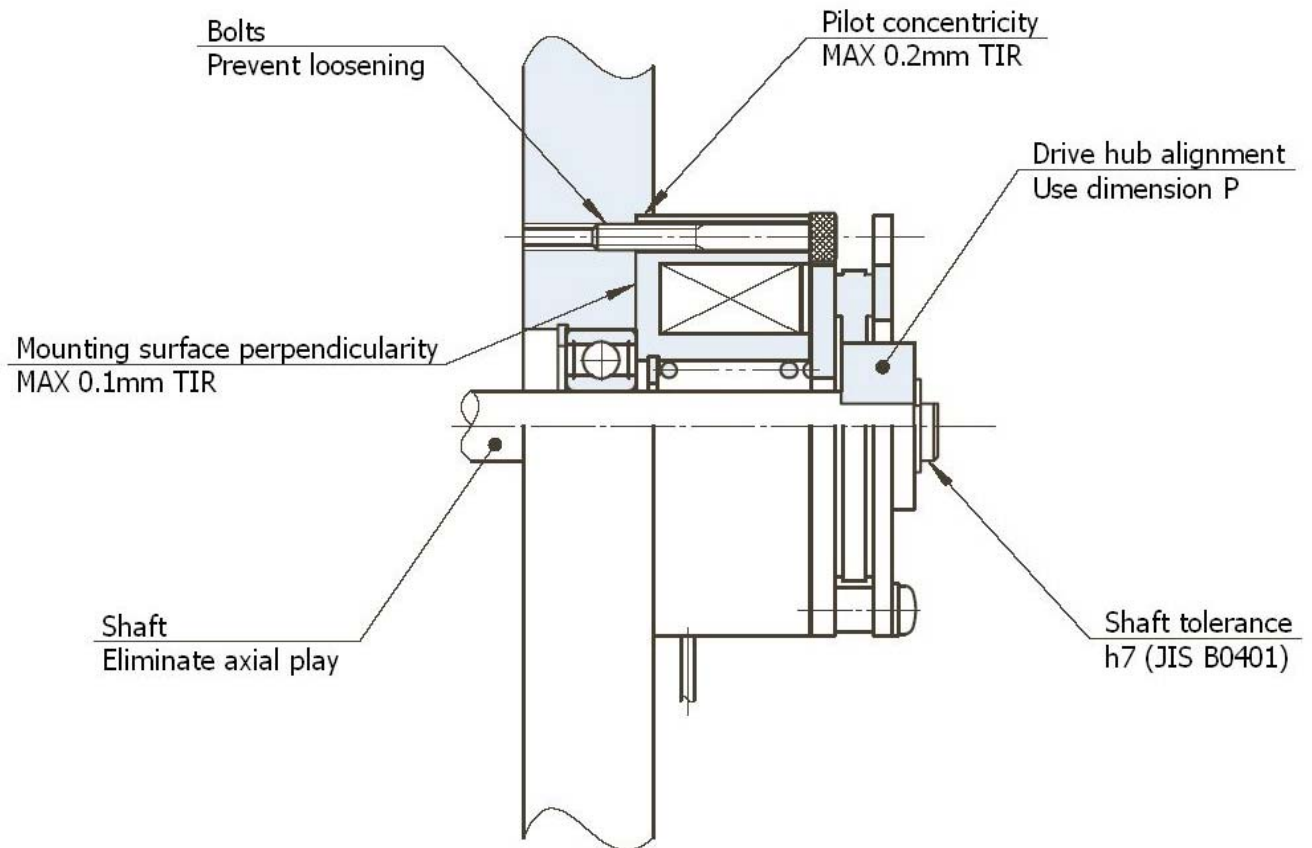
Old Version
[with spline hub]

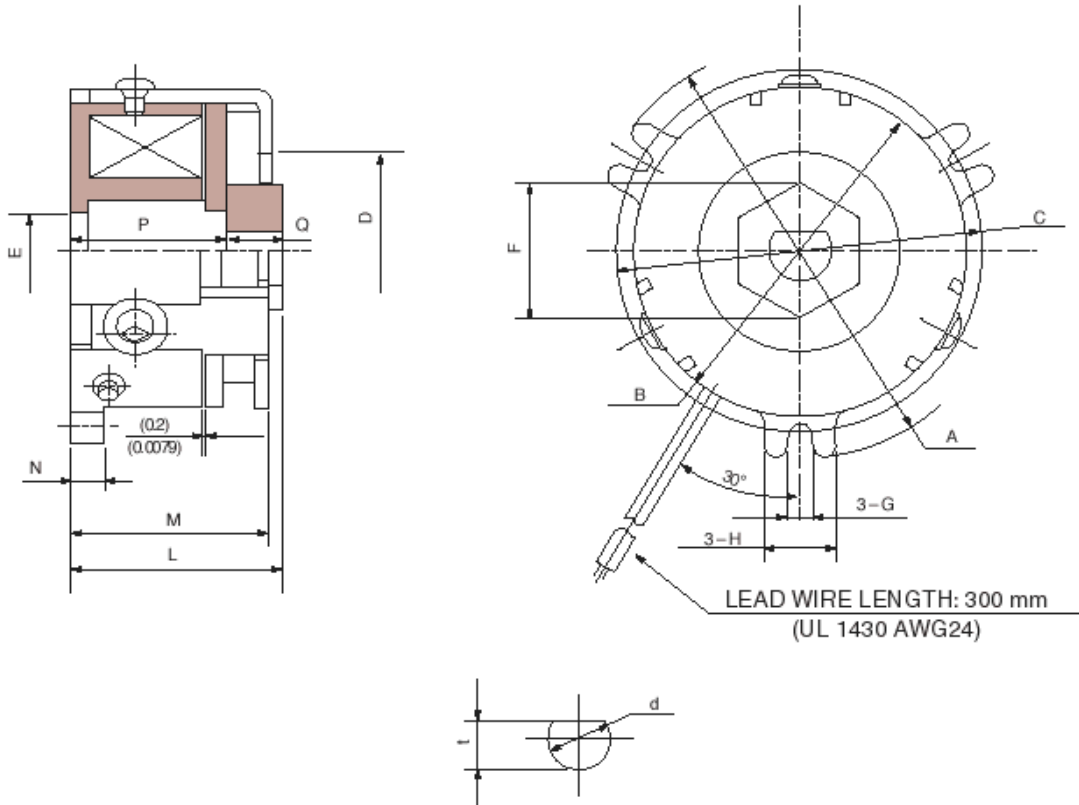
[1" = 25.4mm]

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MCNB: TYPICAL INSTALLATION





[Min order 100 pcs]

MCLB		5G	5H
Static Torque [in-lbs / N-m]		4.4 / 0.5	
Coil (20°C)	Voltage [DC-V]	24	45
	Resistance [Ω]	91	318
	Wattage [W]	6.4	
Armature	Pull-In Time [ms]	25	
	Release Time [ms]	20	
Total Energy Until Life [J]		3.0×10^5	
Max Work Rate [W]		10	
Moment of Inertia (J) [kg-cm ²]		0.03	
Bore [mm]	dH9	8	
	t+0.1/-0	6.5	
Dimensions [mm]	A+0/-0.3	62	
	B	50	
	C±0.2	56	
	D	30	
	E	11	
	F	20.2	
	G	3.5	
	H	11	
	L	32	
	M	30	
	N	5	
	P+0.2/-0	23.5	
	Q	8.5	
Weight [lbs / kg]		0.6 / 0.3	

[1" = 25.4mm]