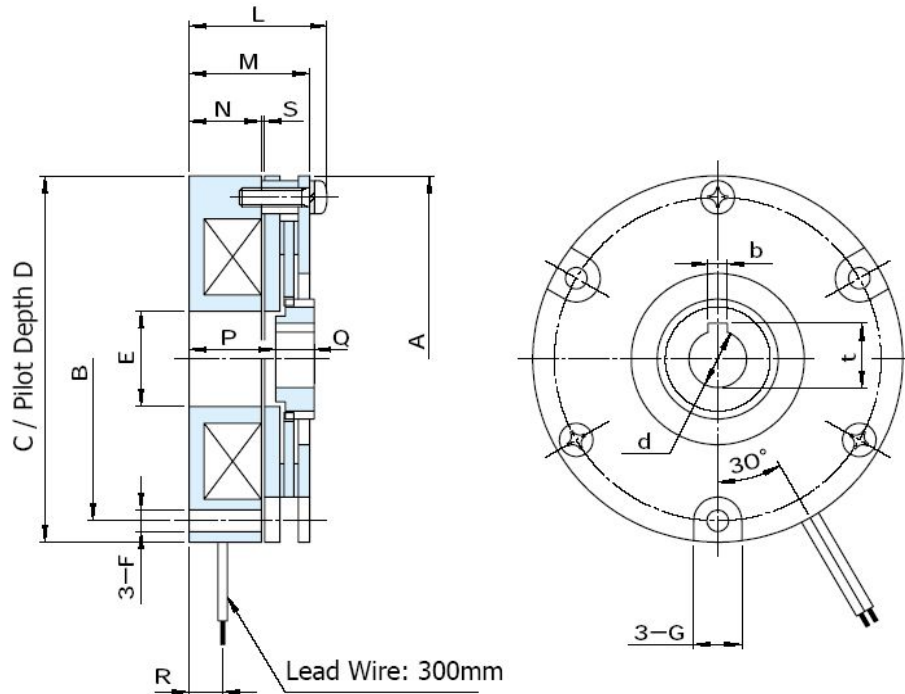
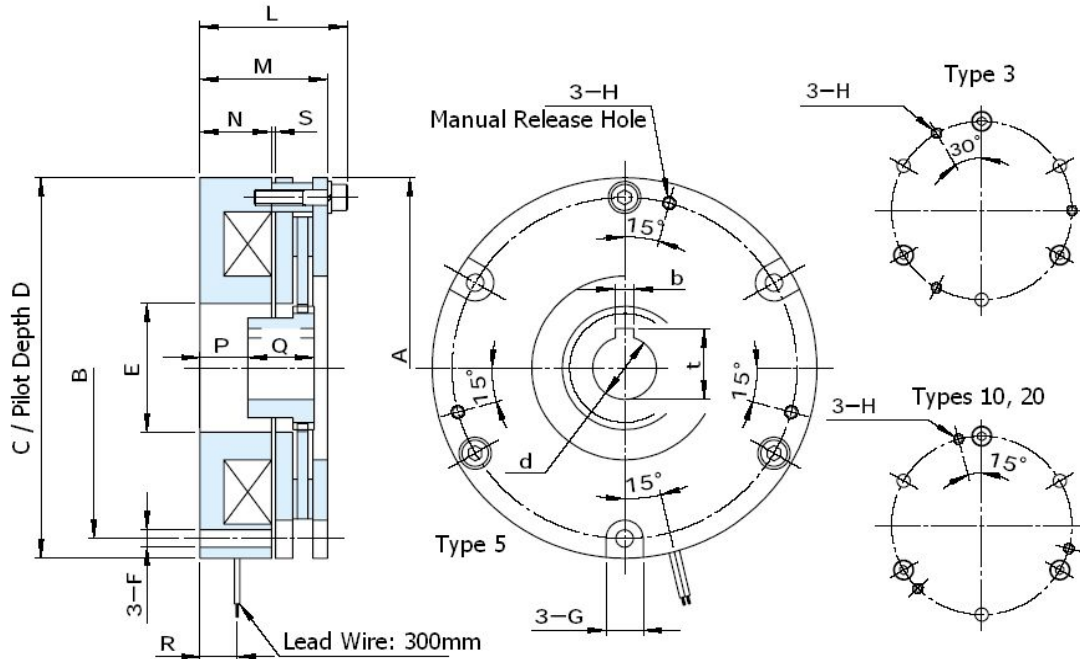




RNB ¹		0.2G	0.2K	0.4G	0.4K	0.8G	0.8K	1.6G	1.6K
Static Torque [ft-lbs / N-m]		1.5 / 2		3 / 4		5.9 / 8		12 / 16	
Coil (20°C)	Voltage [DC-V]	24	90	24	90	24	90	24	90
	Current [A]	0.41	0.11	0.54	0.14	0.63	0.17	0.76	0.2
	Resistance [Ω]	59	815	45	630	38	540	32	445
	Wattage [W]	10		13		15		18	
Armature	Pull-In 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-cm ²]		0.185		0.325		0.675		2.85	
Bore [mm]	dH7	12		12		14		19	
Key Way [mm]	bE9	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	
	Ch9	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]

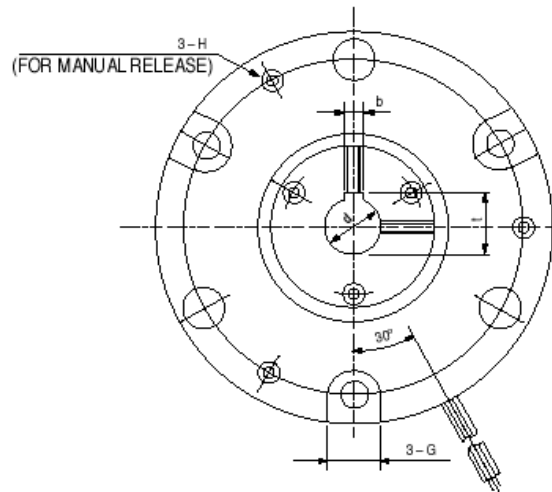
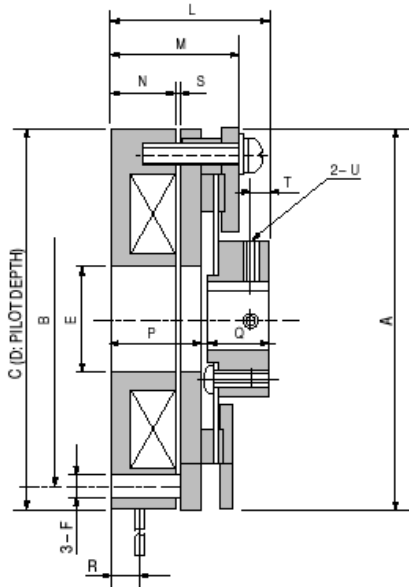
[1 inch = 25.4 mm]



RNB ¹		3G	3K	5G	5K	10G	10K	20G	20K
Static Torque [ft-lbs / N-m]		22 / 30		37 / 50		74 / 100		148 / 200	
Coil (20°C)	Voltage [DC-V]	24	90	24	90	24	90	24	90
	Current [A]	0.96	0.25	1.13	0.3	1.37	0.37	1.88	0.5
	Resistance [Ω]	25	358	21	300	17.5	245	12.8	180
	Wattage [W]	23		27		33		45	
Armature	Pull-In Time [ms]	100		120		180		250	
	Release Time [ms]	35		50		65		90	
Max Allowable Speed [rpm]		3500		3000		3000		2500	
Moment of Inertia (J) [kg-cm ²]		3		5.75		13		21	
Bore [mm]		dH7		19		24		28	
Key Way [mm]	bE9	5		7		7		10	
	t+0.15/-0	21		27		31		35.5	
Dimensions [mm]	A	125		145		165		187	
	B	112		130		150		170	
	Ch9	125		145		165		187	
	D	4		5		5		6	
	E	49		49		62		62	
	F	6.6		6.6		9		9	
	G	14		14		18		18	
	H	M5		M5		M6		M6	
	L	53.5		56.5		71		81	
	M	46		49		61		71	
	N	26		27		32		37	
	P	16		18		22		21	
	Q	25		25		30		40	
	R	11		14		17		21	
	S	0.15~0.3		0.15~0.3		0.15~0.3		0.2~0.35	
Weight [lbs / kg]		7.9 / 3.6		11 / 5		17 / 8		27 / 12	

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

[1 inch = 25.4 mm]



RNB ¹		0.2ZG	0.2ZK	0.4ZG	0.4ZK	0.8ZG	0.8ZK	1.6ZG	1.6ZK
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-cm ²]		0.16		0.23		0.45		0.7	
Bore [mm]		dH7		12		14		15	
Key Way [mm]		bE9		4		5		5	
		t+0.15/-0		13.5		16		17	
Dimensions [mm]	A	77		85		97		117	
	B	68		74		85		108	
	Ch9	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	
	H	-		-		M4		M5	
	L	33		39		38.3		45.3	
	M	26		28		30		31.5	
	N	15		16		17		19.5	
	P	21		22		23.3		25.3	
	Q	12		17		15		20	
	R	7		7.5		8.5		8.5	
	S	0.15~0.25		0.2~0.3		0.2~0.35		0.2~0.35	
	T	4		4.5		4.5		5	
	U	2xM4		2xM4		2xM5		2xM5	
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]

RNB-Z: TYPICAL INSTALLATION

