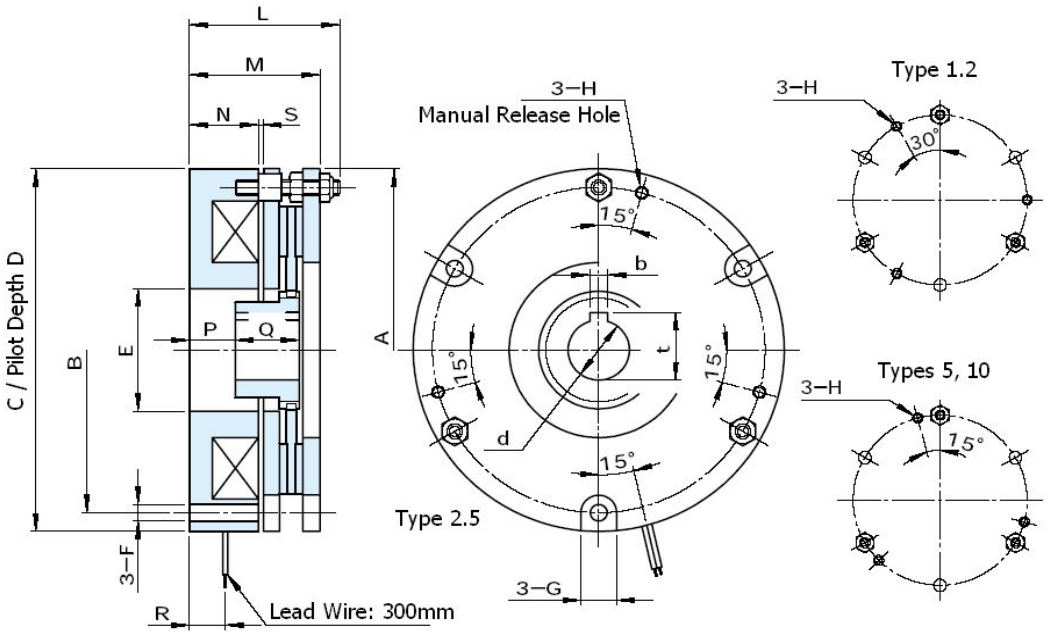
SNB

EM Spring-Applied Brake

Types: 1.2, 2.5, 5, 10

[EM: Electromagnet]



SNB		1.2G	1.2K	2.5G	2.5K	5G	5K	10G	10K
Static Torque [ft-lbs / N-m]		8.9 / 12		18 / 25		37 / 50		74 / 100	
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]	70		90		135		200	
	Release Time [ms]	40		60		80		110	
Max Allowable Speed [rpm]		3500		3000		3000		2500	
Max Brake Power [W]		98		114		155		212	
Moment of Inertia (J) [kg-cm²]		3		6		14.5		25	
Max Air Gap Until Adjustmnet [mm]		0.65		0.65		0.7		0.8	
Max Energy Until Adjustment [J]		5.5×10^7		7.7×10^7		9.1×10^7		1.6×10^8	
Max Energy Until Life [J]		2.0×10^8		3.4×10^8		4.8×10^8		7.9×10^8	
Max Work Rate [W]		98		114		155		212	
Bore [mm]	d_{H7}	19		24		28		32	
Key Way [mm]	b_{E9}	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	
	C_{h9}	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	54		59		71		83	
	M	46		51		61		72	
	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]		7.7 / 3.5		11 / 5		17 / 8		28 / 13	

[1 inch = 25.4 mm]

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