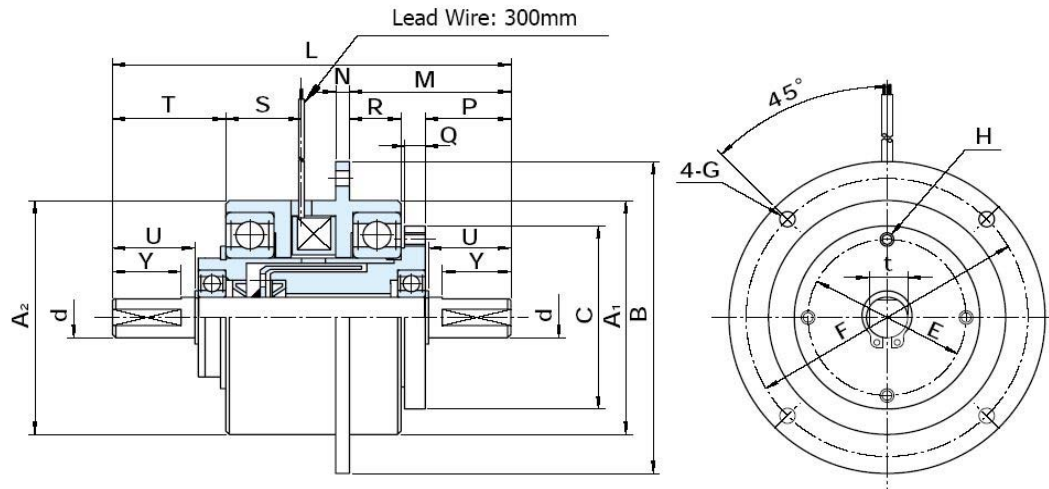
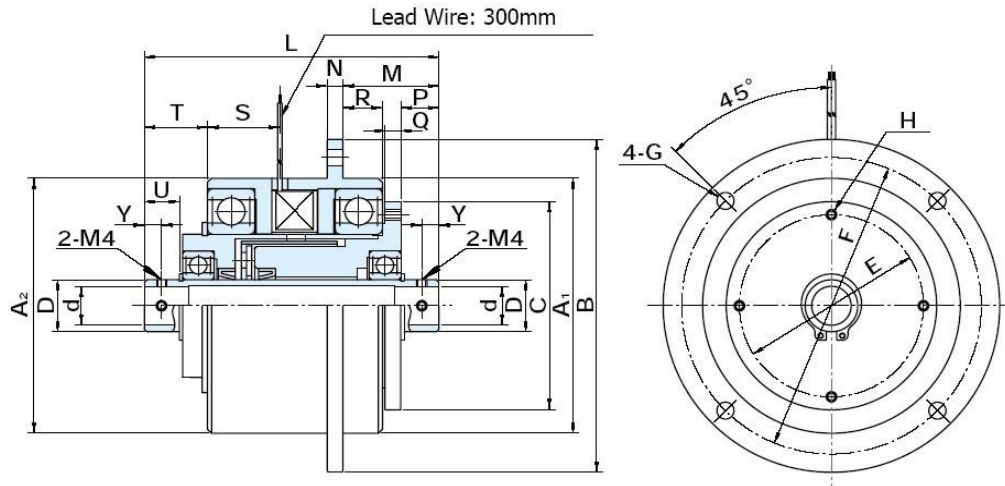




OPC		5	10	20
Rated Torque [in-lbs / N-m]		4.4 / 0.5	8.9 / 1	18 / 2
Coil (20°C)	Voltage [DC-V]	24		
	Current [A]	0.48	0.58	0.75
	Resistance [Ω]	50	41	32
	Wattage [W]	12	14	18
	Time Constant [ms]	11	15	18
Drag Torque (reference) [in-lbs]		0.089	0.18	0.35
Max Slip Wattage [W]		15	25	45
Max Allowable Speed [rpm]		1800	1800	1800
Moment of Inertia (J) [kg-cm ²]	Input	0.153	0.258	0.838
	Output	0.014	0.018	0.07
Shaft [mm]	dh7	5	7	12
	t	4.5	6.5	11.5
Dimensions [mm]	A1h8	50	54	69
	A2	50	54	69
	B	70	76	92
	Ch7	40	42	54
	E	30	34	46
	F	60	66	82
	G	4.5	4.5	4.5
	H	3xM4	3xM4	4xM4
	L	77	83	116
	M	25	27	47
	N	4	4	4
	P	11	13	25
	Q	5	5	6
	R	8.5	8.5	15
	S	25.5	18	22
	T	13.5	15.5	33
	U	10.5	12.2	24
	Y	9	10	20
Weight [lbs / kg]		1.5 / 0.7	1.8 / 0.8	2.9 / 1.3

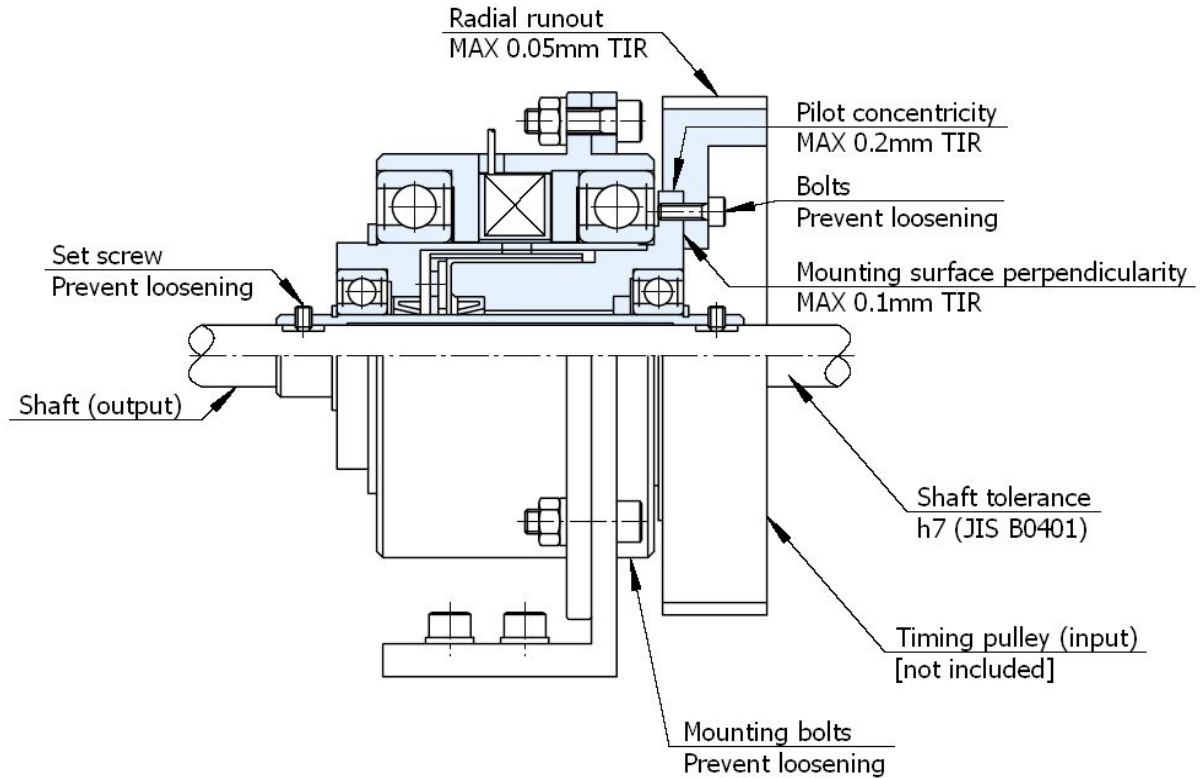
[1" = 25.4mm]



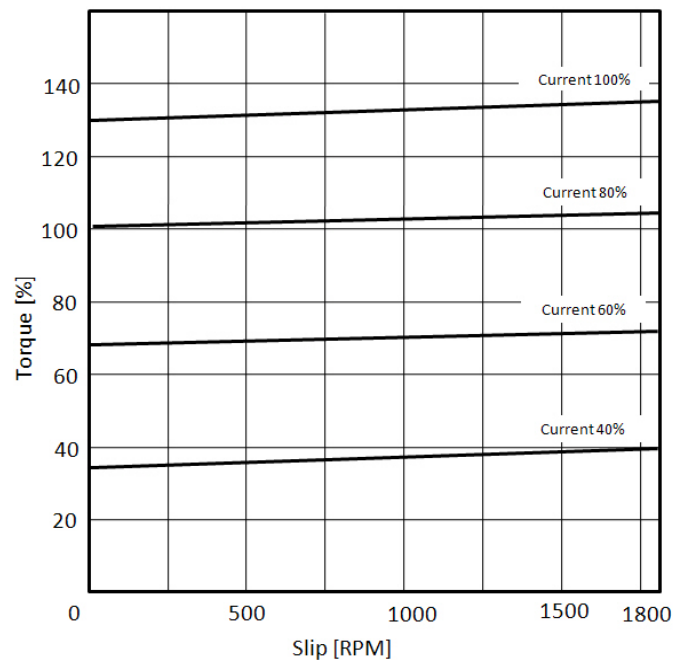
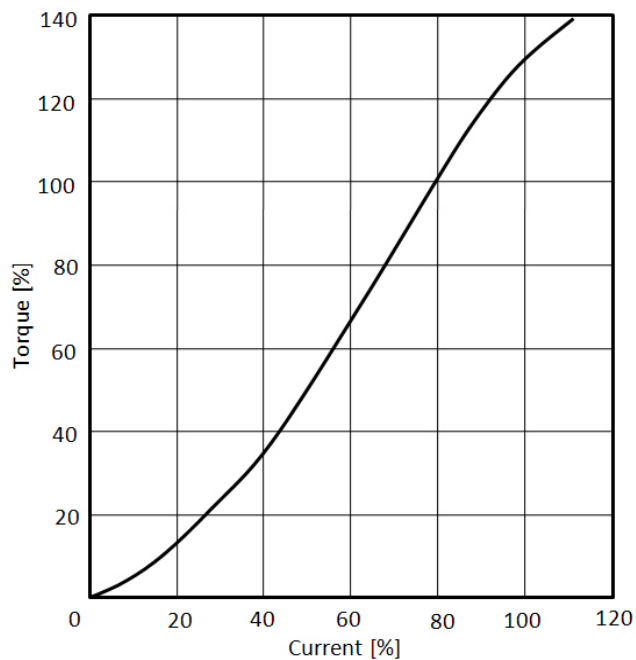
OPC		40	80
Rated Torque [in-lbs / N-m]		35 / 4	71 / 8
Coil (20°C)	Voltage [DC-V]	24	
	Current [A]	0.93	1.37
	Resistance [Ω]	26	17.6
	Wattage [W]	22	33
	Time Constant [ms]	25	50
Drag Torque (reference) [in-lbs]		0.71	1.4
Max Slip Wattage [W]		70	90
Max Allowable Speed [rpm]		1800	1800
Moment of Inertia (J) [kg-cm ²]	Input	3.25	5.25
	Output	0.288	0.388
Shaft [mm]		dH7	15
Dimensions [mm]	A1h8	86	98
	A2	86	98
	B	112	128
	Ch7	70	80
	D	20	20
	E	60	70
	F	100	114
	G	5.5	6.5
	H	4xM4	4xM4
	L	97	112
	M	32	36.5
	N	5	6
	P	10	14.5
	Q	6	6
	R	15	15
	S	25	27.5
	T	21	24
	U	8.8	13.3
	Y	4	6.5
Weight [lbs / kg]		5.3 / 2.4	6.8 / 3.1

[1" = 25.4mm]

OPC: TYPICAL INSTALLATION



OPC: TORQUE CHARACTERISTIC

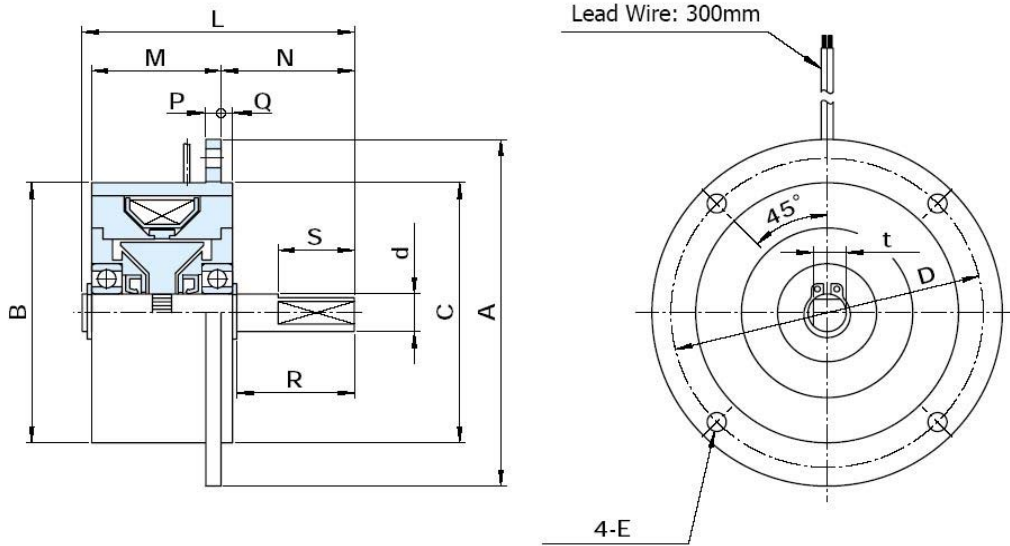


OPB-N

EM Magnetic Particle Brake

Types: 5, 10, 20, 40, 80

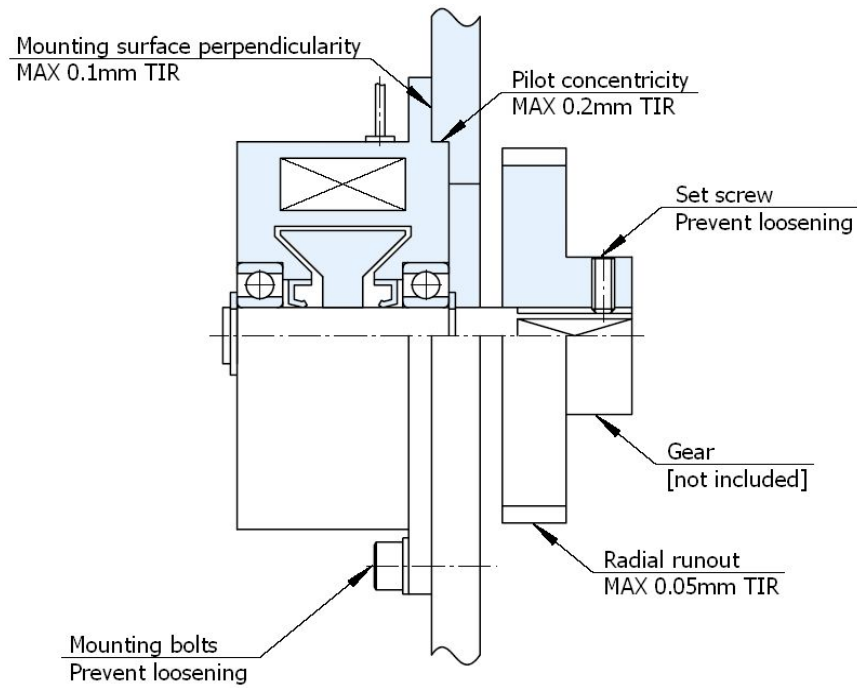
[EM: Electromagnet]



OPB		5N	10N	20N	40N	80N
Rated Torque [in-lbs / N-m]		4.4 / 0.5	8.9 / 1	18 / 2	35 / 4	71 / 8
Coil (20°C)	Voltage [DC-V]	24				
	Current [A]	0.27	0.37	0.37	0.37	0.37
	Resistance [Ω]	90	65	65	65	65
	Wattage [W]	6.4	9	9	9	9
	Time Constant [ms]	17	27	23	50	74
Drag Torque (reference) [in-lbs]		0.089	0.18	0.35	0.71	1.4
Max Slip Wattage [W]		25	35	50	60	80
Max Allowable Speed [rpm]		1800	1800	1800	1800	1800
Moment of Inertia (J) [kg-cm ²]		0.025	0.055	0.358	0.94	3.53
Shaft [mm]	dg7	6	7	10	12	15
	t	5.5	6.5	9	10	13
Dimensions [mm]	A	65	75	92	112	128
	B	46	56	69	86	100
	Ch9	43	54	69	86	98
	D	56	66	82	100	114
	E	4.5	4.5	4.5	5.5	6.5
	L	56	61	71.5	79	95
	M	27.5	33	34	36	42
	N	25.5	25.8	35	40	50
	P	3	4	4	5	6
	Q	2.5	3	3	5	6
	R	22.3	22	31	34	43
	S	12	12	20	20	20
Weight [lbs / kg]		0.88 / 0.40	1.5 / 0.7	2.2 / 1.0	4.0 / 1.8	6.6 / 3.0

[1" = 25.4mm]

OPB-N: TYPICAL INSTALLATION



OPB-N: TORQUE CHARACTERISTIC

