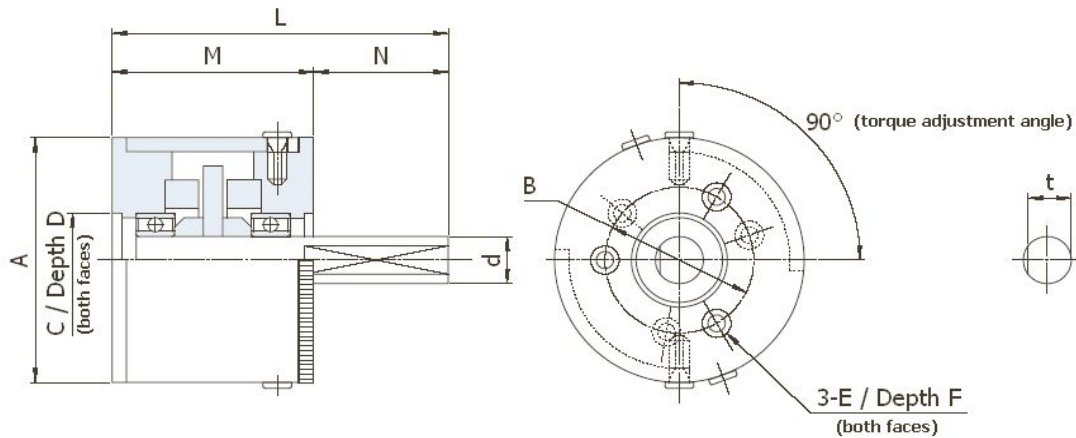


PHT-D

PM Hysteresis Torque Controller

Types: 0.02, 0.05, 0.5

[PM: Permanent Magnet]



PHT		0.02D	0.05D	0.5D
Torque Range [in-lbs]		0.0049 ~ 0.031	0.012 ~ 0.062	0.089 ~ 0.44
Torque Range [gf-cm]		5.6 ~ 35.7	14.3 ~ 71.4	102 ~ 509.9
Max Slip Speed [rpm]		3600	3600	3600
Max Slip Wattage [W]		1.32	2.65	9.2
Moment of Inertia (J) [kg-cm ²]	Body	0.04	0.04	0.19
	Shaft	0.0009	0.0028	0.0375
Shaft [mm]	dh7	5	5	8
	t	4.5	4.5	7.7
Dimensions [mm]	A	26	26	36
	B	15.5	15.5	24
	CH7	10	10	14
	D	1	1	2
	E	M3	M3	M3
	F	4.5	4.5	5.5
	L	35	35	45
	M	21	21	25.5
	N	14	14	19.5
Weight [lbs / kg]		0.11 / 0.05	0.12 / 0.05	0.32 / 0.15

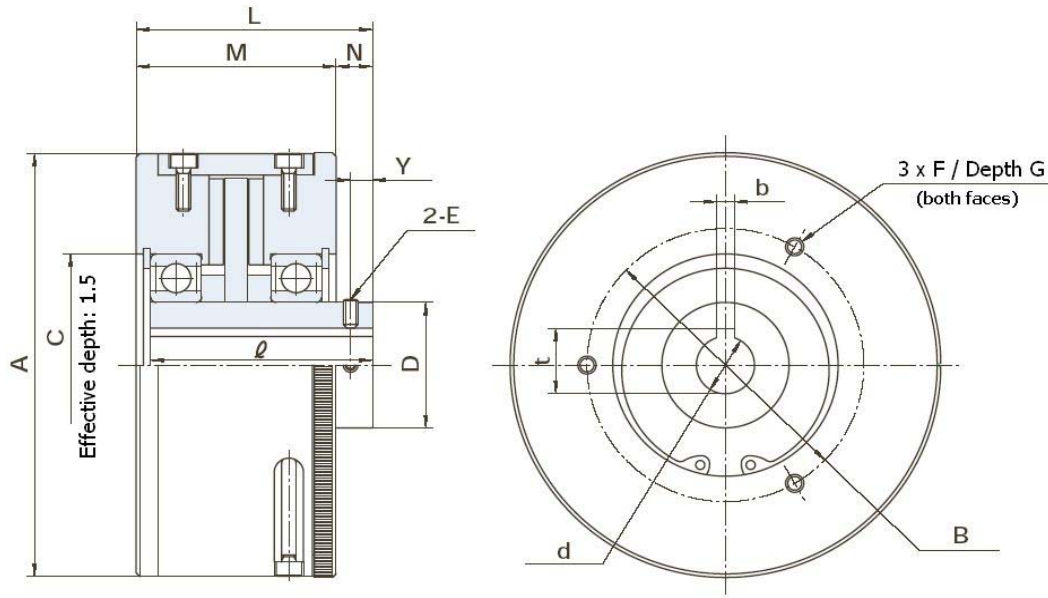
[1" = 25.4mm]

PHT-D

PM Hysteresis Torque Controller

Types: 1.2, 2.5, 5, 10, 30, 70

[PM: Permanent Magnet]



PHT		1.2D	2.5D	5D	10D	30D	70D
Torque Range [in-lbs]		0.18 ~ 1.8	0.44 ~ 3.5	0.44 ~ 6.6	1.8 ~ 13	2.7 ~ 27	6.2 ~ 62
Torque Range [N-m]		0.020 ~ 0.203	0.050 ~ 0.395	0.050 ~ 0.746	0.203 ~ 1.469	0.305 ~ 3.051	0.701 ~ 7.005
Max Slip Speed [rpm]		1800	1800	1800	1800	1000	700
Max Slip Wattage [W]		15	20	30	45	70	150
Moment of Inertia (J) [kg-cm ²]	Body	1.3	4.5	7.5	11.5	55	230
	Shaft	0.078	0.243	0.4	1.075	6.25	27.5
Bore [mm]	dH7	6	6	8	15	16	16
	Length	37.5	40	43	53.7	61	64
Key Way [mm]	bjs9	-	-	3	5	5	5
	t+0.1/-0	-	-	9.4	17.3	18.3	18.3
Dimensions [mm]	A	47	60	70	82	118	166
	B	32	40	46	60	76.2	105
	CH7	22	28	28	47	62	62
	D	18	12	15	25	35	35
	E	M3	M3	M3	M4	M4	M4
	F	M3	M3	M3	M4	M5	M5
	L	39.5	42	45	57.2	65	68
	M	32.5	35	37	50.1	55	59
	N	7	7	8	7.1	10	9
	T	6	6	6	10	12	12
	Y	3	3	4	3.5	6	6
Weight [lbs / kg]		0.66 / 0.30	1.3 / 0.6	1.9 / 0.9	3.5 / 1.6	7.9 / 3.6	17 / 8

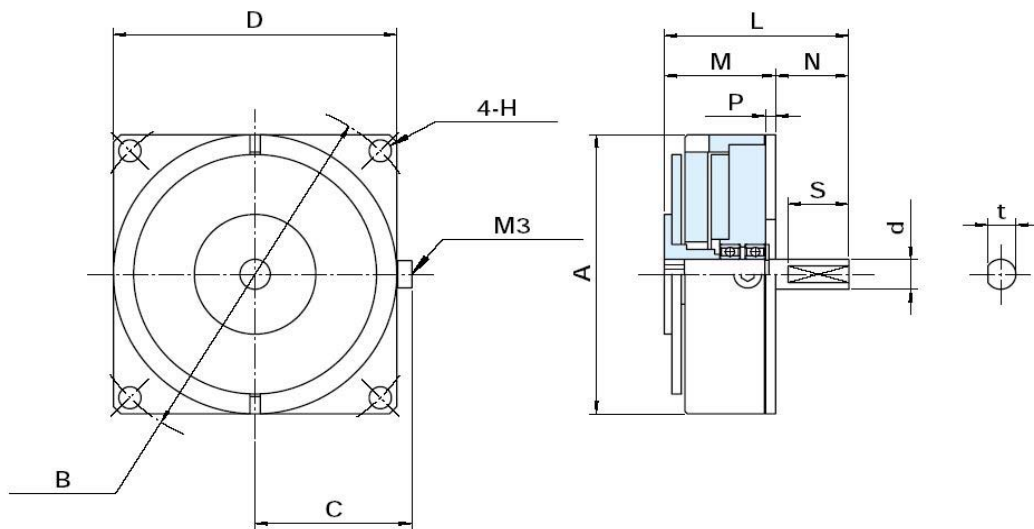
[1" = 25.4mm]

PHT-S

PM Hysteresis Torque Controller

Types: 0.02, 0.05, 0.5

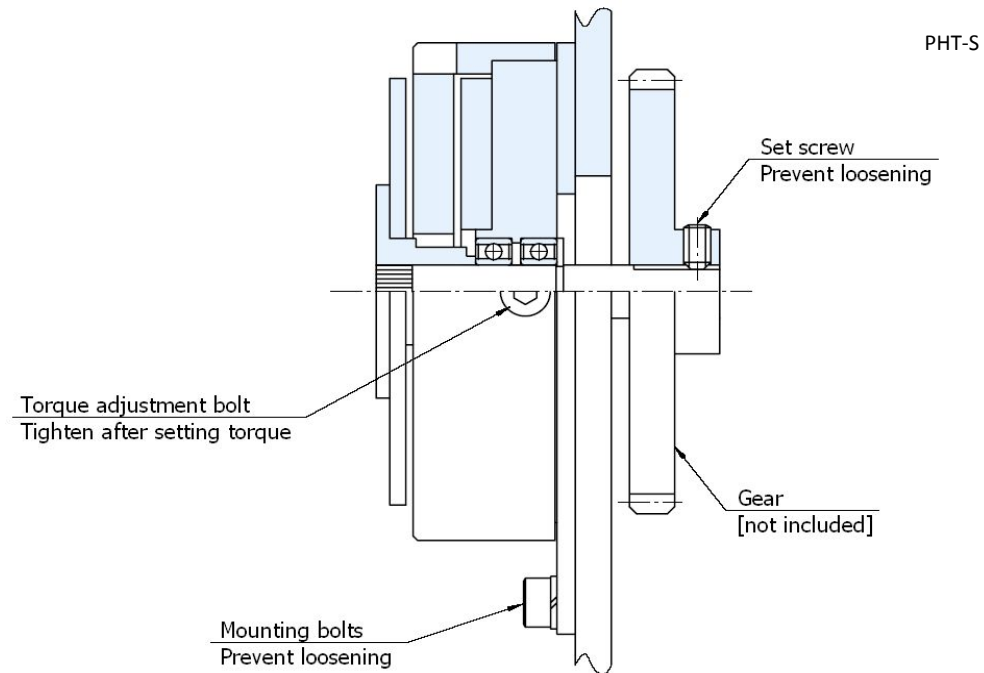
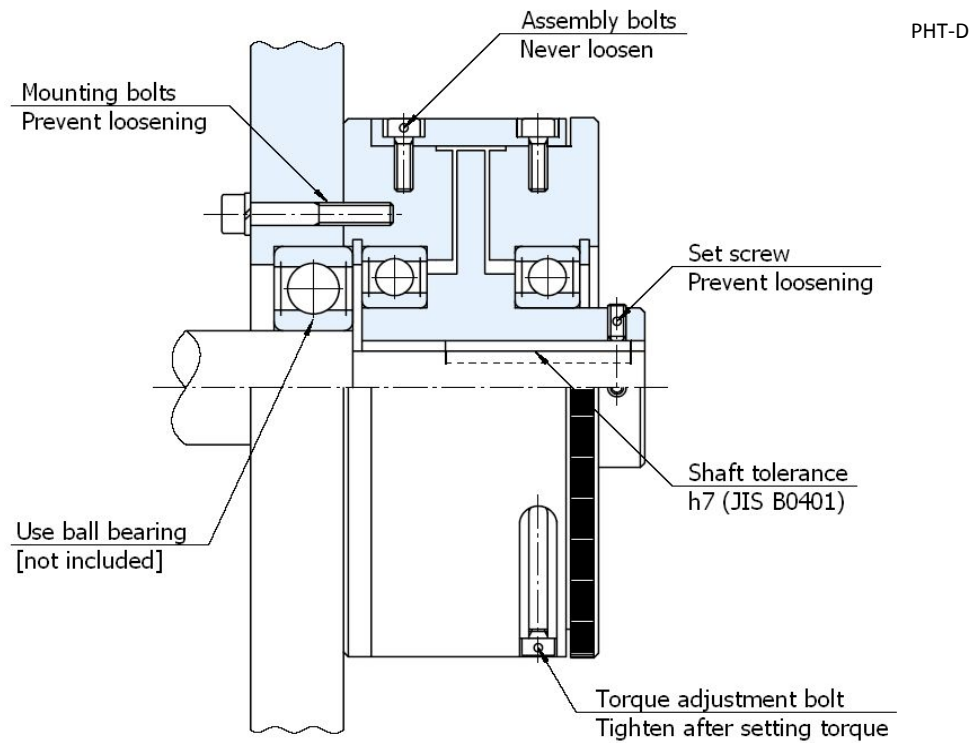
[PM: Permanent Magnet]



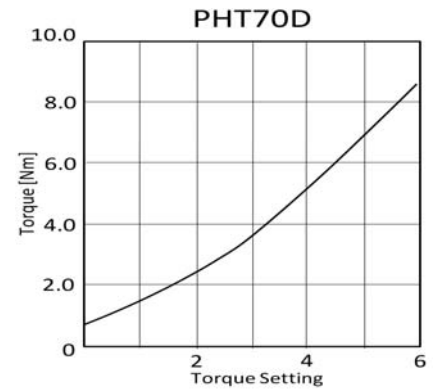
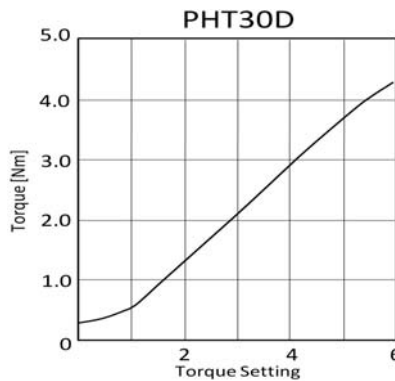
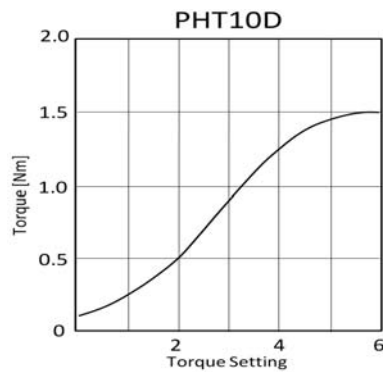
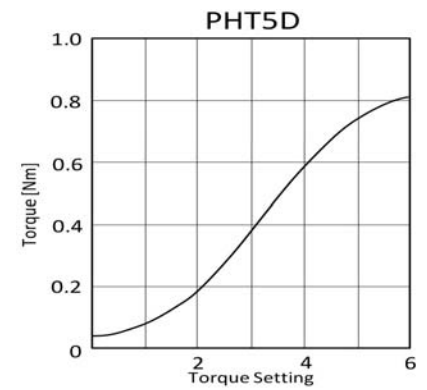
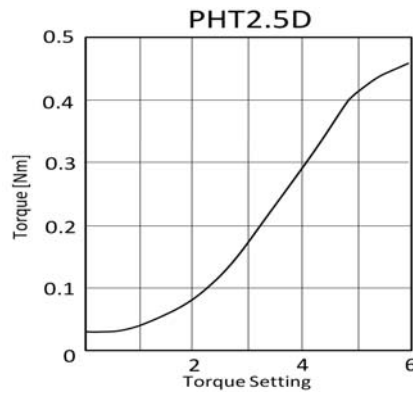
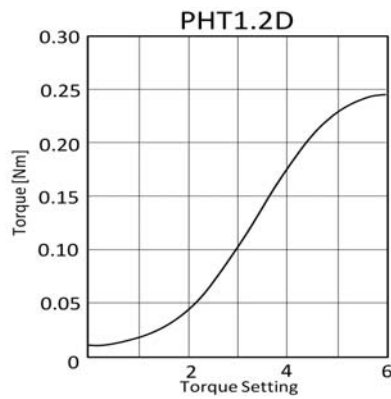
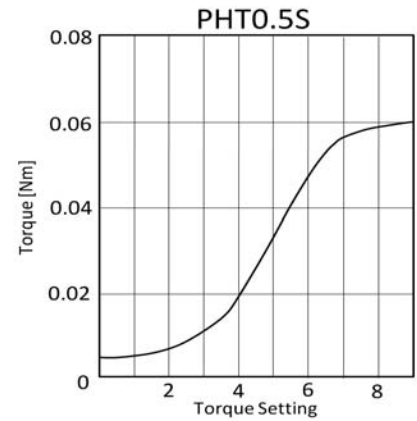
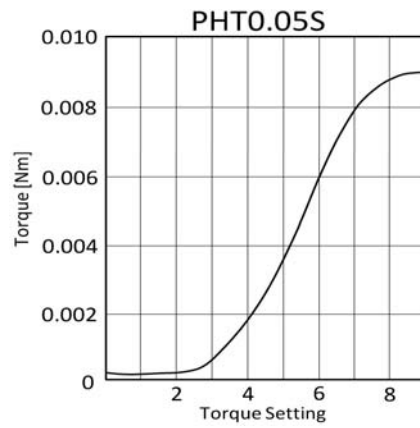
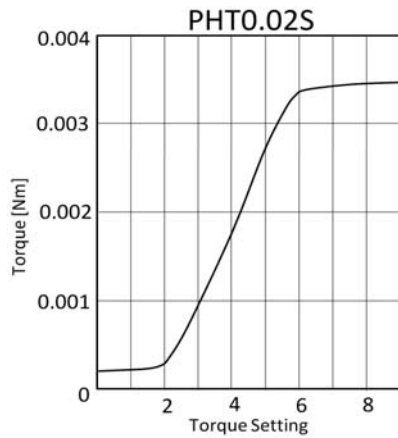
PHT		0.02S	0.05S	0.5S
Torque Range [in-lbs]		0.0044 ~ 0.027	0.0044 ~ 0.066	0.0089 ~ 0.49
Torque Range [gf-cm]		5.1 ~ 30.6	5.1 ~ 76.5	10.2 ~ 560.8
Max Slip Speed [rpm]		10000	10000	1800
Max Slip Wattage [W]		2.5	3	10
Moment of Inertia (J) [kg-cm ²]		0.0011	0.0048	0.103
Shaft [mm]	d	3	3	6
	t	2.6	2.6	5.5
Dimensions [mm]	A	26	32	56
	B	34	40	70
	C	16.5	19.5	31.5
	D	30	35	56
	H	3.4	3.4	4.4
	L	28	28	36.5
	M	16.7	18	22
	N	11.3	10	14.5
	P	2	2	2
	S	8	8	12
Weight [lbs / kg]		0.13 / 0.06	0.2 / 0.1	0.8 / 0.3

[1" = 25.4mm]

PHT: TYPICAL INSTALLATION



PHT: TORQUE ADJUSTMENT



Torque Set Gage

