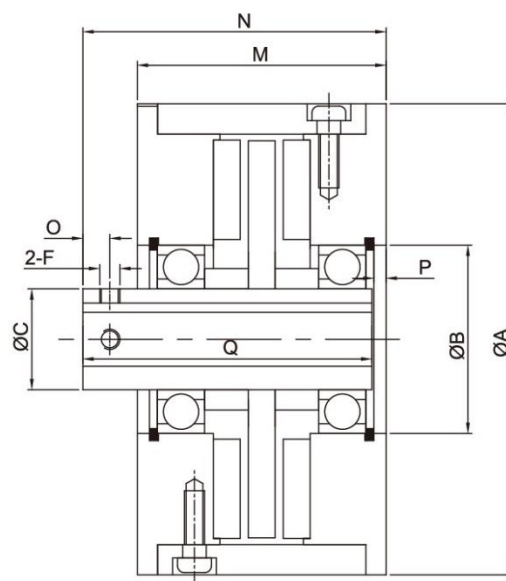
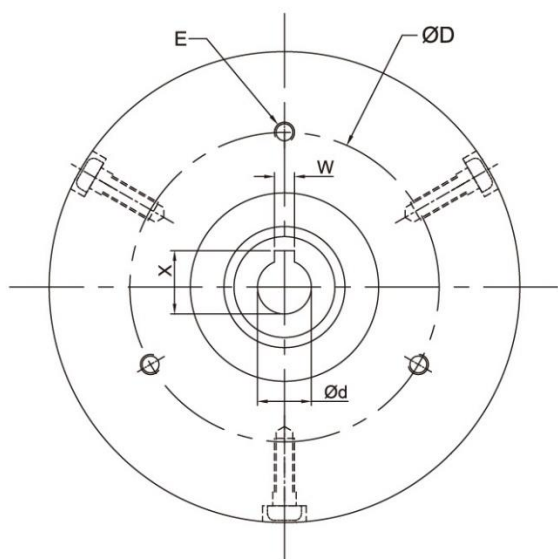


PMH Series

Permanent Magnet Hysteresis Clutch or Brake



Model		PMH040	PMH075	PMH150	PMH300
Static Torque (Nm)		0.05 ~ 0.40	0.05 ~ 0.75	0.2 ~ 1.5	0.3 ~ 3.0
Heat Dissipation (W)		20	30	45	70
Max. Speed (RPM)		1800	1800	1800	1000
Inertia J*10 ⁻⁴ (kg*m ²)	Flange	4.52	7.65	11.4	55.2
	Shaft	0.26	0.41	1.08	6.3
Radial	A	60	70	82	118
	B	28	28	47	62
	C	12	15	25	35
	D	40	46	60	76.2
	E	M3*6L	M3*6L	M4*12L	M5*12L
	F	M3	M3	M4	M4
Axial	M	35	37	50	55
	N	42	45	57	65
	O	3	4	4	6
	P	1.8	1.8	1.5	1.5
	Q	40	43	54	61
Keyway	W	-	3	5	5
	X	-	9.4	17.3	18.3
Bore	d	6	8	15	16

PMH Series

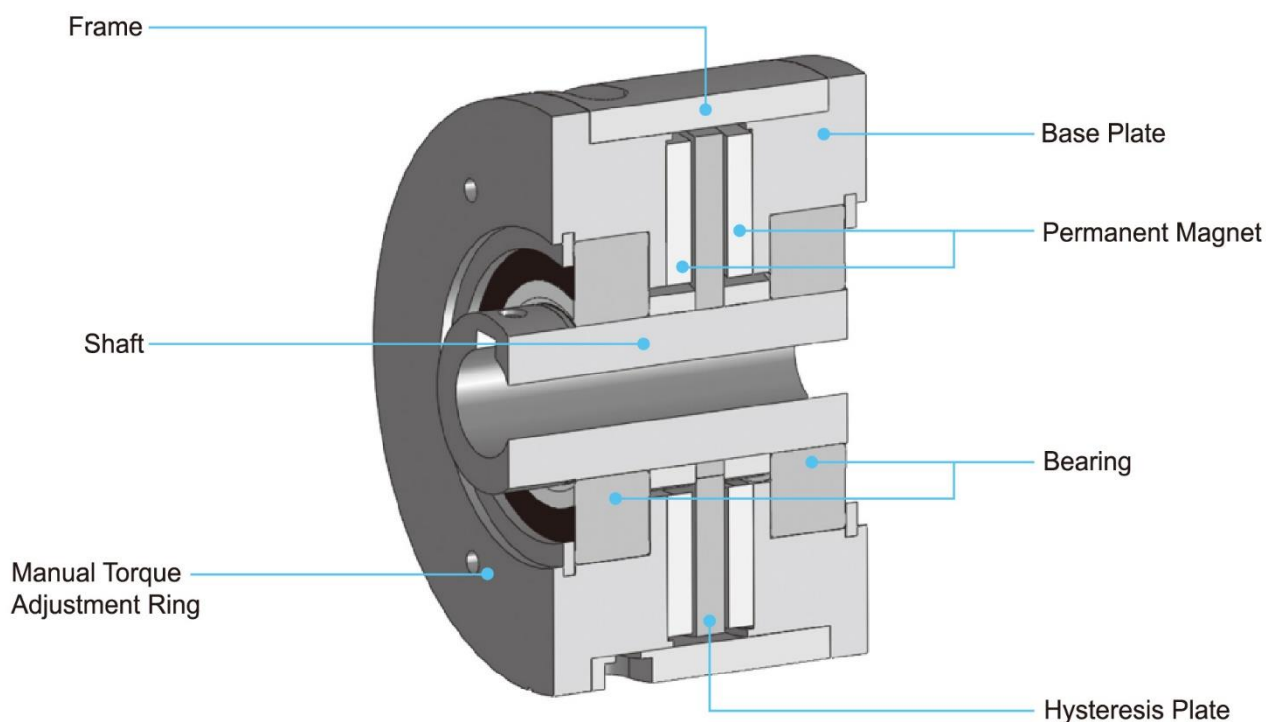
Permanent Magnet Hysteresis Clutch or Brake

Special Features:

1. Long life: no mechanical friction or wear.
2. Quick and precise torque adjustment: torque is manually adjustable with a knurled adjustment ring.
3. Save power: no additional electrical circuits or external power source.
4. Accurate torque repeatability: torque is established by permanent magnet, the repeatability on ratio of torque to current is very high.
5. Easy mounting: small size, can be installed horizontally or vertically.

Structure:

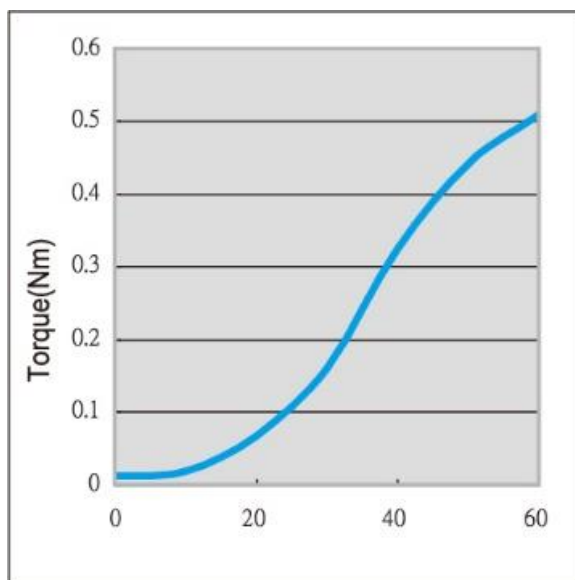
Torque is established by a relative resistance force generated by permanent magnets on two base plates and the hysteresis plate on the shaft. The output torque can be controlled with different variations in magnet angles.



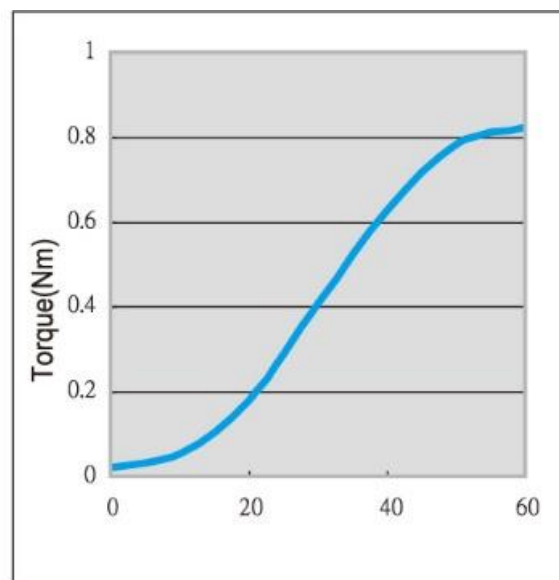
PMH Series

Permanent Magnet Hysteresis Clutch or Brake

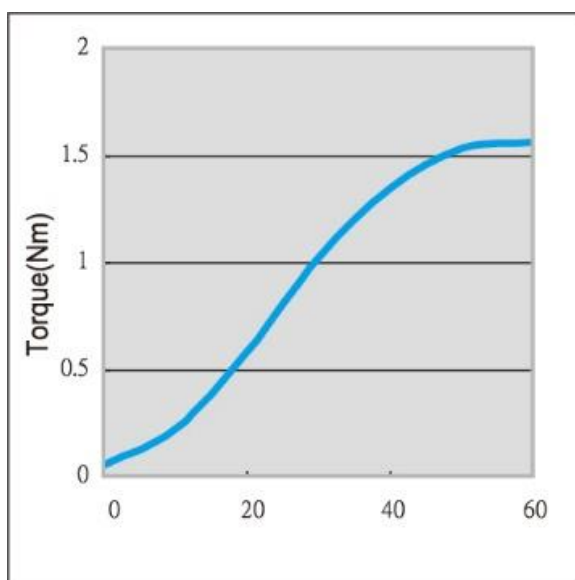
Charts:



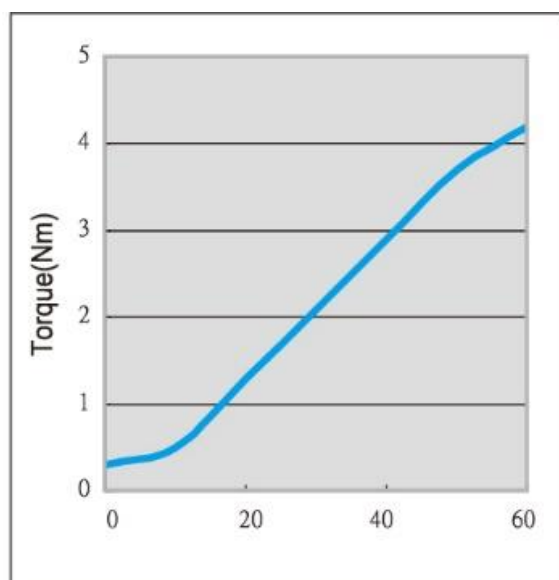
PMH040



PMH075



PMH150



PMH300