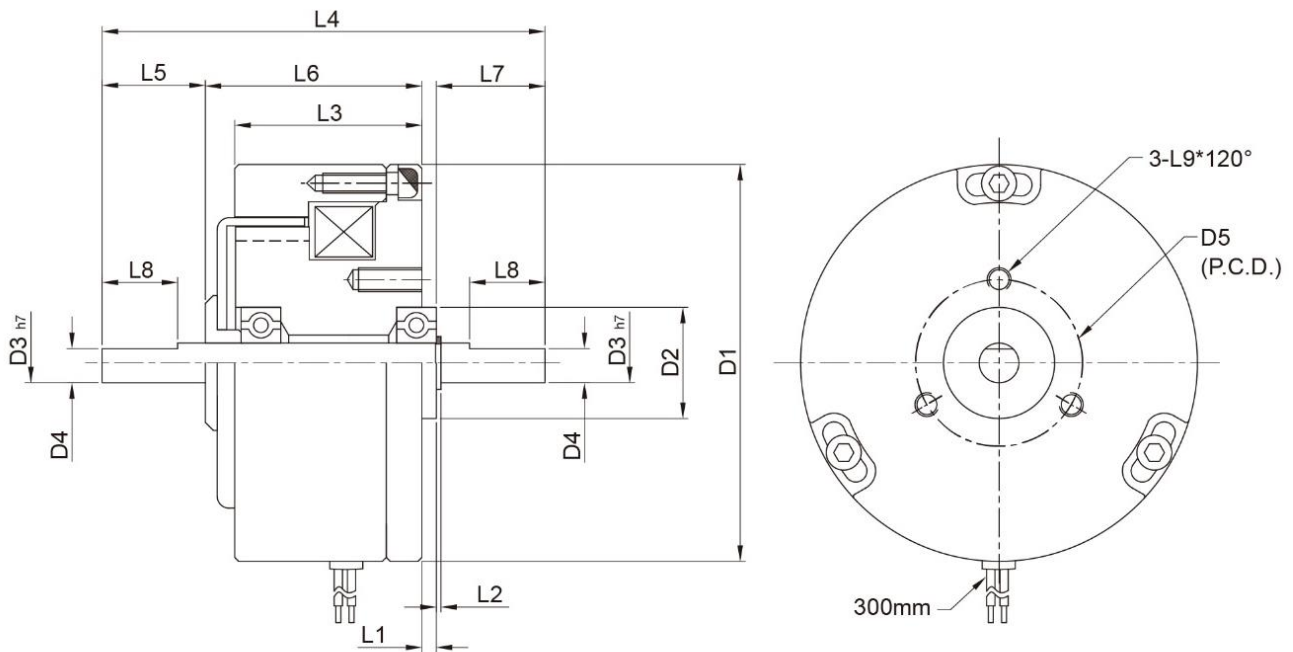


CHB Series

Hysteresis Brake



Characteristics:

Model	Rated Torque (Nm)	Capacity			Inertia J (kg*cm ²)	Permitted Speed (rpm)	Weight (kg)
		Voltage (VDC)	Power (W)	Current (A)			
CHB0S2AA	0.02	24	3.3	0.14	4.3*10 ⁻³	3000	0.1
CHB0S7AA	0.07		3.2	0.13	4.4*10 ⁻²		0.23
CHB1S4AA	0.14		4.8	0.2	4.55*10 ⁻²		0.33
CHB3S5AA	0.35		6	0.25	1.7*10 ⁻¹		0.8
CHB010AA	1		6	0.25	1.1		1.85
CHB020AA	1.75		6	0.25	3.45		3.5

Dimensions:

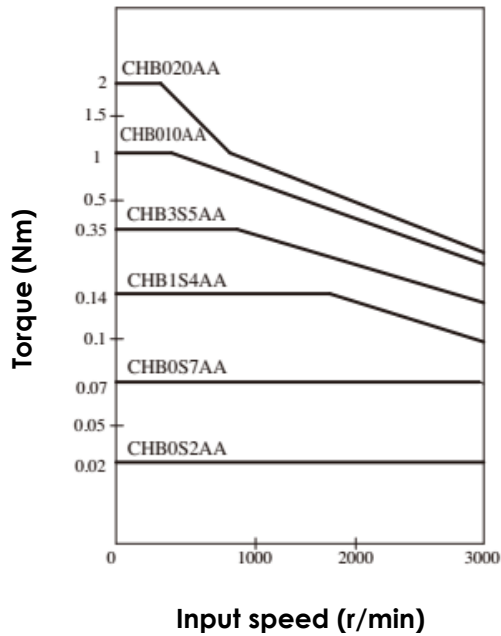
Model	Dimensions (mm)													
	D1	D2	D3	D4	D5	L1	L2	L3	L4	L5	L6	L7	L8	L9
CHB0S2AA	31.8	10	3	-	19	2	0.25	18.7	42.2	8	23.6	8.6	-	M2.5*4L
CHB0S7AA	45.7	14	5	4.3	19	2.4	0.6	20.7	52.6	12.3	25.5	12.4	9.5	M2.5*5L
CHB1S4AA	50	14	5	4.3	21	1.8	0.6	23.6	55.8	13	27.3	13.7	9.5	M3*6L
CHB3S5AA	60	17	7	6.3	25	2	0.9	39.7	76.6	15.3	43	16.3	10	M4*10L
CHB010AA	92	22	10	9	38	2.5	1	39.1	100	25	51.4	21.1	16	M4*10L
CHB020AA	112.7	28	12	-	45	3.9	1	50.4	123.1	27	64.2	28	-	M5*12L

CHB Series

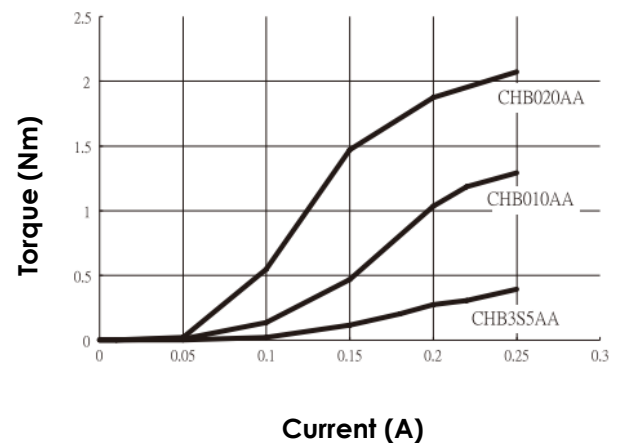
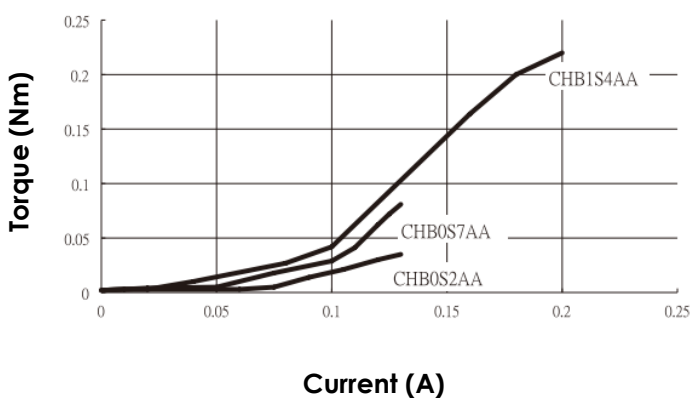
Hysteresis Brake

Special Features:

Allowable sustained torque levels (natural cooling)



Torque vs. input current (reference only)



CHB Series

Hysteresis Brake

Operating Guidelines

- **Shaft** – Please do not knock the brake shaft. Refer tolerance to H7/h7 to install shaft. Do pay attention to the concentricity and perpendicular angle between the two shafts when they are connected.
- **Mounting screws** – Please use lock washers or adhesives on mounting screws to prevent screws loosening when vibrating.
- **Installations surface** – The tolerance of the perpendicular angle and concentricity between mounting flange and shaft must be within 0.05mm T.I.R. to keep the rotor rubbing the inner/outer poles.
- **Residual Magnetism** – After the operation stops, due to residual magnetism torque will still remain at low speed rotation. Please cut off the power and keep the brake running at approx. 100 rpm for one minute to eliminate the residual magnetism.

