

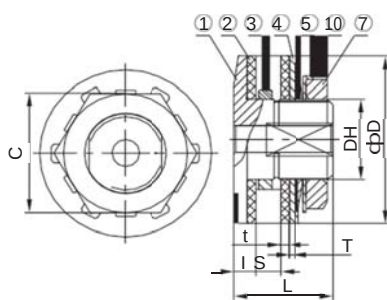
BLC- Batti-Motors Torque Limiter

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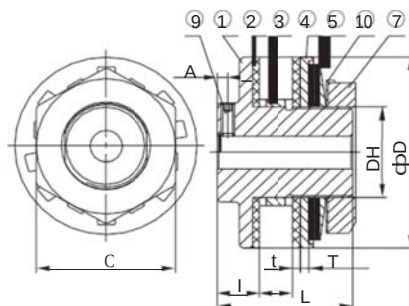
In case of sudden loading, over loading or power off in transmission system, BLC Torque Limiter will slide automatically to protect the equipment. When the loading come back to normal, the device will automatically work again without adjusting or setting. BLC Torque limiter operates through the spring mounted upon the friction facing. The sliding torque can be preset by adjusting the nut or bolt. The torque limiter can be sued matching with the center parts clamped c osely between tow friction faces, such as sprockets, gears, pulleys or flanges.

Comparing with one-time safety pin system, BLC Torque Limiter operates in line with appropriate spring loading and surface pressure to ensure the comparatively longer sliding time, rec vering the presetting, and longer and continual protection as well. BLC Torque Limiter is widely used in baking, bottling, food processing, machine tool, material handling, mining, packaging or printing industries.

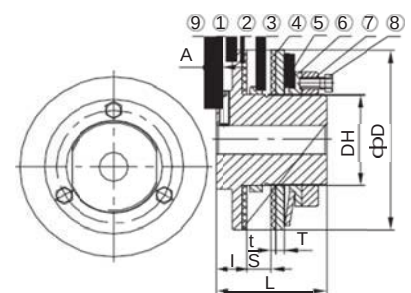
1. Precise overload protection
2. Easy manual adjustment
3. Factory torque setting available
4. Bored to fit for easy installation



BLC50



BLC65 BLC89



BLC127 BLC178

◇ Name of parts :

- ① Hub
- ② Friction facing
- ③ Bushing

- ④ Pressure Plate
- ⑤ Disc Spring
- ⑥ Pilot Plate

- ⑦ Adjustment Nut
- ⑧ Adjustment Bolt
- ⑨ Set Screw
- ⑩ Lock Washer

BLC- Batti-Motors Torque Limiter

Model	Torque Range (Nm)	Pilot Bore	Max. Bore	Bushing Length	Bushing O.D.	Center part machining bore	D	DH	L	I	T	t	S max	A	C	Weight	djust. Bolt
BLC50-1	2.9~9.8	8	14	3.8 4.5 6	30 ^{+0.020} -0.041	30 ^{+0.033} 0	50	M24	29	6.5	1.6	2.5	7	-	36	0.26	-
BLC50-2	6.9~20																
BLC65-1	6.9~27	10	22	4.5 6 8	41 ^{-0.025} -0.050	41 ^{+0.039} 0	65	M35	48	16	4	3.2	9	4	50	0.74	-
BLC65-2	14~ 54																
BLC89-1	20~ 74	17	25	6 8 14.5	49 ^{-0.025} -0.050	49 ^{+0.039} 0	89	M42	62	19	4	3.2	16	5	65	2.48	-
BLC89-2	34~ 149																
BLC127-1	47~ 210	20	42	6 9.5 14.5	74 ^{-0.030} -0.060	74 ^{+0.046} 0	12 7	M65	76	22	6	3.2	16	6	-	3.85	M8xP1.0 3pcs
BLC127-2	88~ 420																
BLC178-1	116~ 569	30	64	8 14.5 22	105 ^{-0.036} - 0.071	105 ^{+0.054} 0	17 8	M95	98	24	7	3.2	29	6. 5	-	9.44	M10xP1.0 3pcs
BLC178-2	223~ 1080																