

# BL Series (DC Type)

## BL-2000

Shock Absorbing

### BL-2000SS



Side view



Lever

## BL-3000

Shock Absorbing

### BL-3000SS



Push and Lever



## BL-5000

Shock Absorbing

### BL-5000SS

HI Speed

### BL-5000-15

HI Torque

### BL-5020



Push and Lever



## SPECIFICATIONS

Lever start model		BL-2000 BL-2000SS	—	—	—	—	—
Push and Lever		—	BL-3000 BL-3000SS	BL-5000 BL-5000SS	BL-5000-15	BL-5020	BL-7000
Output torque range (N·m)		0.02 - 0.2	0.2-0.55   0.2-0.35 (SS)	0.2 - 1.2	0.3 - 1.0	0.5 - 2.0	0.7 - 2.8
Unloaded rotation speed (r.p.m.)±10% [HI / LOW]		990 / 650	980 / 680	900 / 590	1,500 / 1,000	750 / 500	960 / 630
Screw size (mm)	Machine screw	1.0 - 2.3	1.7 - 2.3	2.0 - 3.0		2.0 - 4.0	2.6 - 5.0
	Tapping screw	1.0 - 2.0	2.0 - 2.3	2.0 - 3.0	2.0 - 2.6	2.0 - 3.0	2.6 - 4.0
Outer dimensions	Grip diameter (Max)	∅26	∅32.5	∅38	∅38	∅38	∅40
	Length (mm)	172	192	207	207	207	239
Weight (g)		254	320	360	360	360	640
Power supply	T-45BL	○	○	○	○★	○★	—
	T-70BL	○	○	○	○★	○★	○
Bit drive selection	Standard	H4		H4		H5 and 5HEX (compatible)	
	Special Order	—	1/4HEX	H5 and 5HEX (compatible) or 1/4HEX		1/4HEX	
Accessories	Bit (one each)	HIOS Shank	H4 +#0 (∅2.0×40) +#0 (∅2.5×40)	H4 +#1 (∅4.0×40) +#2 (∅4.0×40)		—	
		H5	—	H5 and 5HEX (compatible) or 1/4HEX +#1 (∅5.0×60) +#2 (∅5.0×60)		+#1 (∅5.0×60) +#2 (∅5.0×60)	
	HEX Shank	1/4HEX	+#1 (∅5.0×50), #2 (∅5.0×50) - (∅5.0×50)				
Torque adjustment spring		Yellow	—	—		—	
Cord length		2m (5P) ESD	1.5m (5P)	1.5m (5P)		1.5m (5P)	2m (5P)
L-shaped HEX wrench		—		Width across flat: 5mm, 1 pc		Width across flat: 5mm, 1 pc	
Variations	BLQ	HIOS Shank	●	●	●	●	●
		HEX Shank	—	—	—	—	—
	BLQ-ESD	Anti-electrostatic	●	●	●	●	●
	BLQ-CR	●	●	●	●	●	●
	BL-ESD	Anti-electrostatic	●	●	●	●	●
	BLQ-CR-ESD	●	●	●	●	●	●
BL-OPC	●	●	●	●	●	●	

For the models with the ★ mark, use with output power HI (DC 30V). With LOW (DC 20V) output, the screwdriver features may not be fully performed.

Power supply [P.21](#) Spec. [P.55](#)