

Torque Fixing Ring

Model	Applicable Models
KC-2(S)	BSD-BN7000 series
KC-6C(S)	BSD-BN5000 series
KC-13C(S)	BSD-BN2000 series



Torque Adjuster

Model	Applicable Models
KW-1	BSD-BN7000 series
KW-3	BSD-BN5000 series
KW-4	BSD-BN2000 series



Suspension Rack

Model	Applicable Models
KH-2L	BSD-BN7000 series
KH-1L	BSD-BN7000 series (with KC)
KH-3	BSD-BN5000 series (with KC)
KH-4	BSD-BN5000 series
KH-5	BSD-BN2000 series



90 Degree Attachment

Model	Applicable Models
KL-1	BSD-BN7000 Series
KL-2	BSD-BN5000 Series



Spring Balancer

Model	Applicable Models
KL-600 (0.3~0.6kg)	BSD-BN2000 series
KL-1200 (0.6~1.5kg)	BSD-BN5000 series



Screw Setter

Model	Applicable Screw Size
KB-1	M1.7~2.0 Screw Available
KB-2	M2.0~2.6 Screw Available
KB-3	M3.0~4.0 Screw Available



Auxiliary Arm

Model	Applicable Models
KP-AUX C/E/B/D series	BSD-BN7000 series BSD-BN5000 series BSD-BN2000 series



BSD

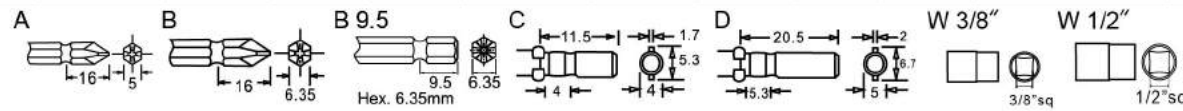
BRUSHLESS AUTO SHUT OFF ELECTRIC SCREWDRIVERS



High Functional Brushless Motor
Non-Pollution For Clean-Room Circumstance
Stable Torque Output
Marvellous Lifespan
Two Speed Selections
Best For Micro-Electronic Assembly

TECHNICAL DATA OF ALL MODELS

Model	Input Voltage	Power Consumption	Torque (N.m)	Repeatable Torque Accuracy (%)	Speed (r.p.m)	Screw Size (mm)		Weight (g)	Length (mm)	Power Controller	Bit Type
						Macne screw	Tapping screw				
BSD-BN2003L	24 / 32 VDC	25W	0.02~0.34	±3	1000/700	1.0~2.3	1.0~2.0	385	185	BSP-32BC-60W BSP-BC32HL-100(V3.0)	B、C
BSD-BN2007L	24 / 32 VDC	25W	0.05~0.69	±3	1000/700	1.4~2.6	1.4~2.3	385	185		B、C
BSD-BN2010L	24 / 32 VDC	25W	0.10~0.98	±3	1000/700	1.6~3.0	1.6~2.6	385	185		B、C
BSD-BN5012L	24 / 32 VDC	55W	0.15~1.18	±3	1000/700	1.6~3.0	1.6~2.6	520	245		A、B、C、D
BSD-BN5012P	24 / 32 VDC	55W	0.2~1.18	±3	1000/700	1.6~3.0	1.6~2.6	520	245		A、B、C、D
BSD-BN5019L	24 / 32 VDC	55W	0.29~1.86	±3	1000/700	2.3~3.5	2.3~3.0	520	245		A、B、C、D
BSD-BN5019P	24 / 32 VDC	55W	0.29~1.86	±3	1000/700	2.3~3.5	2.3~3.0	520	245		A、B、C、D
BSD-BN5012LF	32 VDC	55W	0.15~1.18	±3	2000	1.6~3.0	1.6~2.6	520	245		A、B、C、D
BSD-BN5012PF	32 VDC	55W	0.2~1.18	±3	2000	1.6~3.0	1.6~2.6	520	245		A、B、C、D
BSD-BN7030L	32 VDC	55W	0.98~2.94	±3	1200/900	2.6~4.0	2.6~3.5	790	290		BSP-B32HL BSP-BC32HL-100(V3.0)
BSD-BN7030P	32 VDC	55W	0.98~2.94	±3	1200/900	2.6~4.0	2.6~3.5	790	290	A、B	
BSD-BN7022LF	32 VDC	55W	0.49~2.16	±3	2000	2.6~4.0	2.6~3.5	780	290	A、B	
BSD-BN7022PF	32 VDC	55W	0.49~2.16	±3	2000	2.6~4.0	2.6~3.5	780	290	A、B	



BSD-BN2000 series

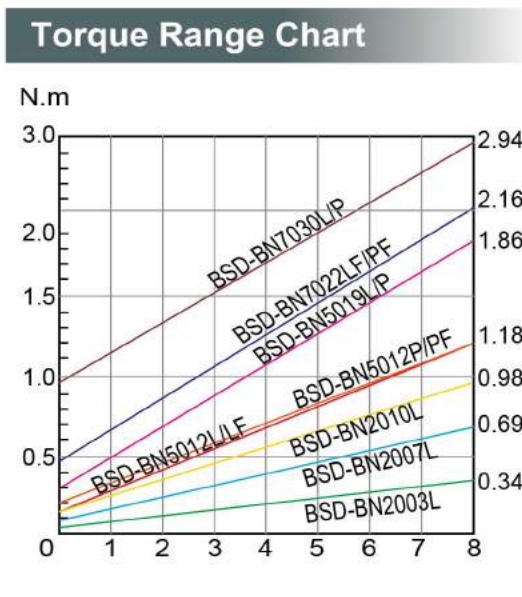
Unit: mm

BSD-BN5000 series

Unit: mm

BSD-BN7000 series

Unit: mm



POWER CONTROLLER

Model	BSP-32BC-60W	BSP-B32HL
Input Voltage	220VAC 50Hz	
Output Voltage	24/32VDC	
Power Consumption	60W	
Size (mm)	145X60X35	200X80X66
Weight (g)	250	460
Applicable Models	BSD-BN2000 series BSD-BN5000 series	BSD-BN7000 series



SCREW FEEDER

Model Name & Number	Size (L)X(W)X(H)mm	Weight	Power Source	Switching Adaptor	Applicable Screw	Applicable Screw Length	Applicable Screw head Dia.	Horizontal Delivery Speed	Scoping Chamber Capacity
KFR-1050	182X126X147	2.5 Kg (w/o adapter)	AC 100~240V	DC 15V Switching Adaptor	From M1.0 to M5.0	≤18mm	≤10mm	42~90 pcs/min (0.7~1.5 Sec)	200~220 cc
KFA-0820	160X82X112	1.53kg (w/o adapter)	AC 100~240V	DC 12V Switching Adaptor	From M0.8~M2.0	≤8mm	≤5mm	42~90 pcs/min (0.7~1.3 Sec)	4000pcs (for M1.4X4) 1200pcs (for M2.0X5)
KFA-0850	182X124X150	3.1kg (w/o adapter)	AC 100~240V	DC 12V Switching Adaptor	From M1.0~M5.0	≤12mm	≤7mm	42~90 pcs/min (0.7~1.5 Sec)	200~220 c.c
KFA-0830	182X124X146	3.0kg (w/o adapter)	AC 100~240V	DC 12V Switching Adaptor	From M0.8~M3.0	≤18mm	≤7 mm	46~50 pcs/min (1.2~1.3 Sec)	200~220 c.c
BSF-1450	182X126X147	2.17kg (w/o adapter)	AC 110~240V	DC 12V Switching Adaptor	From M1.4-M5.0	18mm	≤9mm	42~90 pcs/min (0.7~1.5 Sec)	200~220 c.c



SCREW COUNTER

Model	BSP-BC32HL-100(V3.0)
Input Voltage	AC 100~240V 50/60HZ
Output Voltage	DC 32V / 24V 1.875A
Power Consumption	60W
Count	1~99
Count method	Count-up / Count-down
Work with Sensor	ON / OFF
GATE Sensor	ON(2 Sensors) / OFF(1 Sensor)
Slow-start time adjustable	0~9.9 seconds
Slow-start speed adjustable	L0 : 100%, 35%~85% L1~L9 Rated speed
Running Time limit-LO	0.00~9.99 seconds
Running Time limit-HI	0.0~9.9 seconds
Reminder Mode	ON / OF / FF / EF with LED and buzzer
Auto ZERO	ON / OFF
External inputs	Forward / Reverse / Disable / Confirm / Sensor / Clear
External outputs	OK / NG / OK ALL
Screwdriver Control	HI / LO : Slow-Start
Outside Dimensions	200X130X100(mm)
Weight(Kg)	1.57
Accessories	Power cordX1 · KeyX2
Remark	
Applicable Models	BSD-BN2000(Series) BSD-BN5000(Series) BSD-BN7000(Series)



TORQUE METERS

Model	KTM-1000	KTM-250	KTM-150	KTM-15	KTM-6	KTM-50S	
Measuring Ranges	(kgf.cm)	50~1000	3.0~250.0	1.5~150.0	0.15~15.0	0.02~8.0	0.5~50.0
	(Lbf.in)	45~885	3.0~217.0	1.5~130.0	0.15~13.0	0.02~7.0	0.5~43.4
	(N.m)	5~100	0.30~25.00	0.15~15.0	0.015~1.500	0.2~80.0 (cN.m)	0.05~4.90
Accuracy	+/- 0.5%(20~100N.m) +/- 1.0%(10~20N.m) +/- 2.0%(5~10N.m)		+/- 0.5%				
Power Supply	3.7V, 4400mAh Lithium Ion		4.8VDC (NI-MH chargeable battery 1.2VX4 cell 1650mAh)				
Charging Time	8 hours		From empty -3 hours				
Operation Time	8 hours(non stop)		About 12 hours				
Battery Life	Chargeable for 300 times or more. However, it varies depending on operating conditions.						
Size(mm)	229(W)X102(D)X80(H)	160(W)X210(D)X45(H)	230(W)X125(D)X65(H)		230(W)X123(D)X65(H)	230(W)X123(D)X65(H)	
Weight(kg)	2.7	2.0	1.8	1.8	1.8	1.8	
Exclusive Charger	Input : AC100V~240V 50/60Hz Output : DC5V 1.0A Max		Input : AC100V~240V 50/60Hz Output : DC12V 400mA				
Accessory	Torque measuring adaptorX1 SJ-1000	Torque measuring adaptorX1 AJ-250	Torque measuring adaptorX3 AJ-150 / AJ-50 / AJ-15K	Torque measuring adaptorX2 AJ-15 / AJ-3	Torque measuring adaptorX1 AJ-3	Torque measuring adaptorX1 AJ-50S	