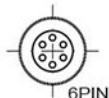


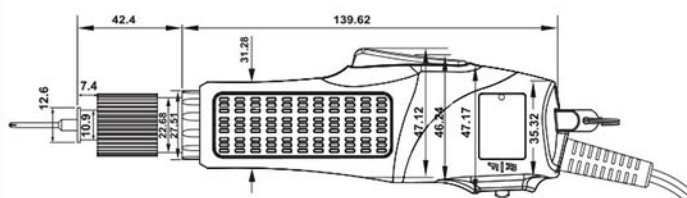


(optional)

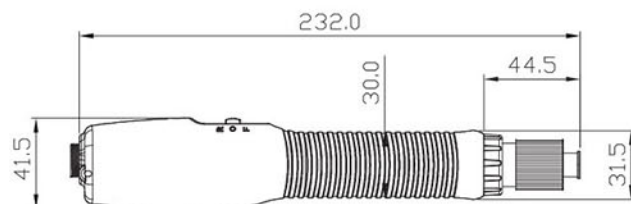


- Adopts High-Functional Brushless Motor, marvelous lifespan and strong durability to repair and maintenance almost needless.
- Smaller size, light weight, low noise-pollution, fashionable design, high stability and easy operation motor which gives the benefit of longer working-time. (3 years warranty on motor)
- Brushless Motor has more stable torque output : It is best to fit for operating in clean-room circumstance and no worry of pollution will be arisen.
- Best tool to assemble Watch, Laptop, Digital Camera, DVD Player, Cell Phone, Communication Equipment and High tech Products which need to be assembled in clean-room.
- CE and ETL are optional

External Dimension

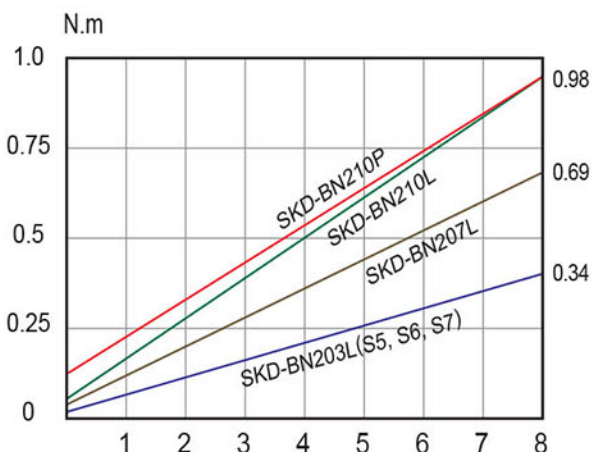


SKD-BN200L

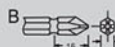
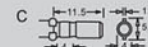


SKD-BN200P

Torque Range Chart



Specifications

Model		SKD-BN203L	SKD-BN203LS5	SKD-BN203LS6	SKD-BN203LS7	SKD-BN207L	SKD-BN210L/P
Input Voltage		DC24V or DC32V					
Power Consumption		25W					
Torque	(kgf.cm)	0.2~3.5	0.2~3.5	0.2~3.5	0.2~3.5	0.5~7	L: 1~10 / P: 2~10
	(Lbf.in)	0.18~3.01	0.18~3.01	0.18~3.01	0.18~3.01	0.44~6.10	L: 0.89~8.67 / P: 1.77~8.67
	(N.m)	0.02~0.34	0.02~0.34	0.02~0.34	0.02~0.34	0.05~0.69	L: 0.10~0.98 / P: 0.2~0.98
Repeatable Torque Accuracy(%)		±3%					
Torque Adjustment		Stepless					
Free Speed (r.p.m)	HI	1000	500	370	230	1000	1000
	LO	700	350	260	160	700	700
Screw Size Dia (mm)	Machine Screw	1.0~2.3	1.0~2.3	1.0~2.3	1.0~2.3	1.4~2.6	1.6~3.0
	Tapping Screw	1.0~2.0	1.0~2.0	1.0~2.0	1.0~2.0	1.4~2.3	1.6~2.6
Weight(g)		L:330 P:310					
Length(mm)		L:185 P:230					
ESD(Anti-Static)		✓ (with black housing)					
CE		✓					
RoHS		✓					
Bit Type		 					

※SKD-BN203LS5 can not work with KL-SSBN slow start control module

Accessories

Torque Fixing Ring
KC-13C



Torque Adjuster
KW-4



Suspension Rack
KH-5



Spring Balancer
KL-600



Power Controller
SKP-32BC-60W



BRUSHLESS MEDIUM TORQUE DC-TYPE AUTOMATIC TRIGGER AND PUSH START CLUTCH TYPE SERIES SKD-BN500 Series

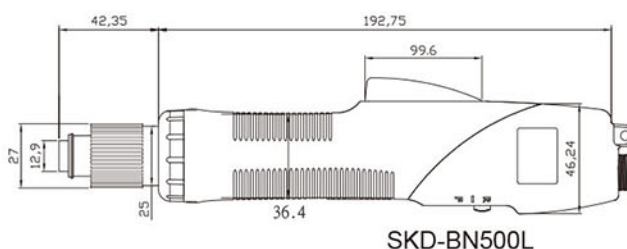


(optional)

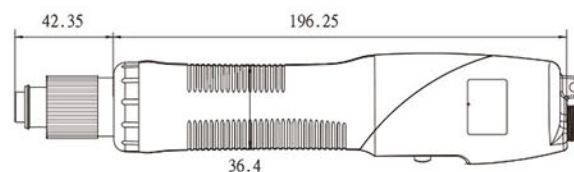


- Adopts High-Functional Brushless Motor, marvelous lifespan and strong durability to repair and maintenance almost needless.
- Smaller size, light weight, low noise-pollution, fashionable design, high stability and easy operation motor which gives the benefit of longer working-time. (3 years warranty on motor)
- Brushless Motor has more stable torque output : It is best to fit for operating in clean-room circumstance and no worry of pollution will be arisen.
- Best tool to assemble Watch, Laptop, Digital Camera, DVD Player, Cell Phone, Communication Equipment and High tech Products which need to be assembled in clean-room.
- CE and ETL are optional

External Dimension

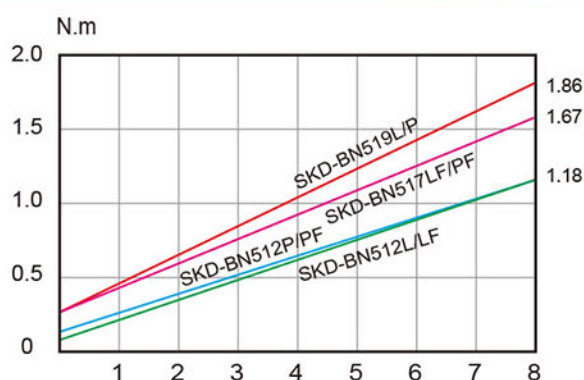


SKD-BN500L



SKD-BN500P

Torque Range Chart



Specifications

Model		SKD-BN512L	SKD-BN512P	SKD-BN512LF	SKD-BN512PF	SKD-BN517LF/PF	SKD-BN519L/P
Input Voltage		DC24V or DC32V					
Power Consumption		55W					
Torque	(kgf.cm)	1.5~12	2~12	1.5~12	2~12	3~17	3~19
	(Lbf.in)	1.33~10.44	1.77~10.44	1.33~10.44	1.77~10.44	2.57~14.78	2.57~16.46
	(N.m)	0.15~1.18	0.2~1.18	0.15~1.18	0.2~1.18	0.29~1.67	0.29~1.86
Repeatable Torque Accuracy(%)		±3%					
Torque Adjustment		Stepless					
Free Speed (r.p.m)	HI	1000	1000	2000	2000	2000	1000
	LO	700	700	—	—	—	700
Screw Size Dia (mm)	Machine Screw	1.6~3.0	1.6~3.0	1.6~3.0	1.6~3.0	1.6~3.0	2.3~3.5
	Tapping Screw	1.6~2.6	1.6~2.6	1.6~2.6	1.6~2.6	1.6~2.6	2.3~3.0
Weight(g)		520					
Length(mm)		245					
ESD(Anti-Static)		✓ (with black housing)					
CE		✓					
RoHS		✓					
Bit Type							

Accessories

Torque Fixing Ring
KC-6C



Torque Adjuster
KW-3



Suspension Rack
KH-4



Spring Balancer
KL-1200



90° Degree
Attachment
KL-2



Pistol Grip
LG-10, PG-10



Power Controller



SKP-BE32HL(6P)

SKP-32BC-60W
(not included F type series)

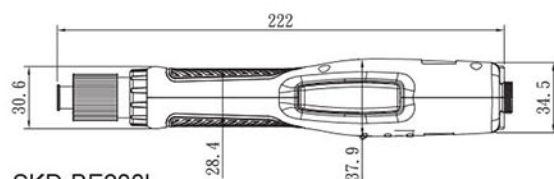


(optional)

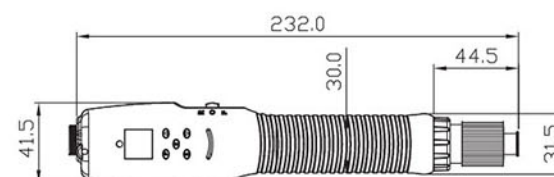


- Brushless motor, the perfect combination of screw counter and electric screwdriver, and most fit for operating in the clean room environment.
- Torque range from 0.2~10Kgf.cm is medium & small-sized screwdrivers. Widespread and extensively applied by users.
- SKD-BE series is one compact of LED counter and electric screwdriver. Two-color housing, easy to operate, suitably used on production line and effectively control numbers of fastening screws and operation quality.
- Easy to set up, complete function, user can set up this counter according to needs of work and leave system automatically to inspect the precision of fastened screws.
- This system can set up Effective Count Number(SC), Automatic Zero(At), Slow Start Time(RC), Slow Start Speed(LO), Start Detect Time(Lt), Stop Time(Ht), Double Confirm Time after Fastening(LL), Waiting Time between Two Screws. Professional designs for the needs of users.
- Automatic Learning can complete necessary time from start to fasten, let user confirm whether it is an ideal fastening value.
- Signal output by OK ALL/OK ONE/N.G. in the screwdrivers, open collector. The user can select another wire to connect PLC if necessary.
- If start time doesn't stop as over Ht time, that means stripped or wrong screw ; If start time stops before Lt time, that means screws stuck or wrong. This function can effectively determine whether screw fastening is right or wrong.
- After setting up screws fastening, shut-off can be confirmed just one time during pre-set time.
- CE and ETL are optional

External Dimension

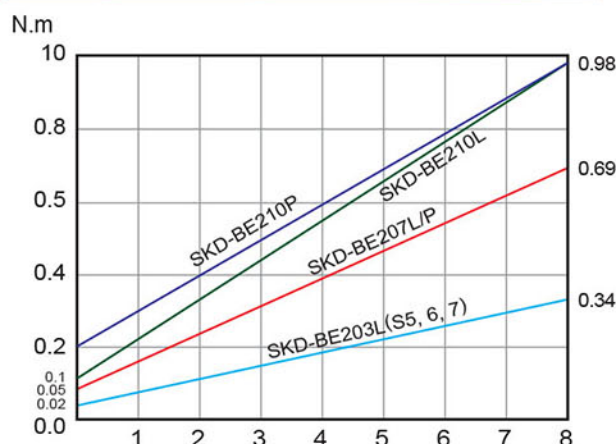


SKD-BE200L

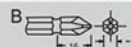
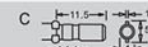


SKD-BE200P

Torque Range Chart



Specifications

Model		SKD-BE203L	SKD-BE203LS5	SKD-BE203LS6	SKD-BE203LS7	SKD-BE207L	SKD-BE210L/P
Input Voltage		DC24V or DC32V					
Power Consumption		25W					
Torque	(kgf.cm)	0.2~3.5	0.2~3.5	0.2~3.5	0.2~3.5	0.5~7	L: 1~10 / P: 2~10
	(Lbf.in)	0.18~3.01	0.18~3.01	0.18~3.01	0.18~3.01	0.44~6.10	L: 0.89~8.67 / P: 1.77~8.67
	(N.m)	0.02~0.34	0.02~0.34	0.02~0.34	0.02~0.34	0.05~0.69	L: 0.10~0.98 / P: 0.2~0.98
Repeatable Torque Accuracy(%)		±3%					
Torque Adjustment		Stepless					
Free Speed (r.p.m)	HI	1000	500	370	230	1000	1000
	LO	700	350	260	160	700	700
Screw Size Dia (mm)	Machine Screw	1.0~2.3	1.0~2.3	1.0~2.3	1.0~2.3	1.4~2.6	1.6~3.0
	Tapping Screw	1.0~2.0	1.0~2.0	1.0~2.0	1.0~2.0	1.4~2.3	1.6~2.6
Weight(g)		330					
Length(mm)		LC:226 / LB:240					
ESD(Anti-Static)		✓ (with black housing)					
CE		✓					
RoHS		✓					
Bit Type		 					

Accessories

Torque Fixing Ring KC-13C



Torque Adjuster KW-4



Suspension Rack KH-5



Spring Balancer KL-600



Power Controller SKP-32BC-60W



****Please contact with your agent for special customization version.**

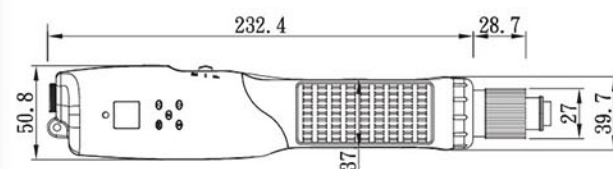
BRUSHLESS MEDIUM TORQUE DC-TYPE AUTOMATIC WITH COUNTER TRIGGER AND PUSH START CLUTCH TYPE SERIES

SKD-BE500 Series

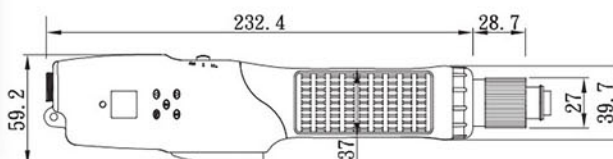


- Brushless motor, the perfect combination of screw counter and electric screwdriver, and most fit for operating in the clean room environment.
- Torque range from 1.5~19Kgf.cm is medium & small-sized screwdrivers. Widespread and extensively applied by users.
- SKD-BE series is one compact of LED counter and electric screwdriver. Two-color housing, easy to operate, suitably used on production line and effectively control numbers of fastening screws and operation quality.
- Easy to set up, complete function, user can set up this counter according to needs of work and leave system automatically to inspect the precision of fastened screws.
- This system can set up Effective Count Number(SC), Automatic Zero(At), Start Detect Time(Lt), Stop Time(Ht), Double Confirm Time after Fastening(LL), Waiting Time between Two Screws. Professional designs for the needs of users.
- Automatic Learning can complete necessary time from start to fasten, let user confirm whether it is an ideal fastening value.
- Signal output by OK ALL/OK ONE/N.G. in the screwdrivers, open collector. The user can select another wire to connect PLC if necessary.
- If start time doesn't stop as over Ht time, that means stripped or wrong screw ; If start time stops before Lt time, that means screws stuck or wrong. This function can effectively determine whether screw fastening is right or wrong.
- After setting up screws fastening, shut-off can be confirmed just one time during pre-set time.
- CE and ETL are optional

External Dimension



SKD-BE500P(6P)



SKD-BE500L(6L)

Torque Range Chart



Accessories

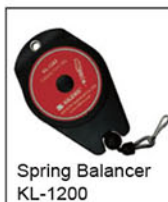
Torque Fixing Ring KC-6C



Torque Adjuster KW-3



Suspension Rack KH-4



Spring Balancer KL-1200

Power Controller



SKP-32BC-60W (not included F type series)




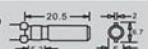


Pistol Grip LG-11, PG-11



SKP-BE32HL(6P)

Specifications

Model		SKD-BE512L(6P)	SKD-BE512P(6P)	SKD-BE512LF(6P)	SKD-BE512PF(6P)	SKD-BE517LF(6P)	SKD-BE517PF(6P)	SKD-BE519L(6P)	SKD-BE519P(6P)
Input Voltage		DC24V or DC32V							
Power Consumption		55W							
Torque	(kgf.cm)	1.5~12	2~12	1.5~12	2~12	3~17	3~17	3~19	3~19
	(Lbf.in)	1.33~10.44	1.77~10.44	1.33~10.44	1.77~10.44	2.57~14.78	2.57~14.78	2.57~16.46	2.57~16.46
	(N.m)	0.15~1.18	0.2~1.18	0.15~1.18	0.2~1.18	0.29~1.67	0.29~1.67	0.29~1.86	0.29~1.86
Repeatable Torque Accuracy(%)		±3%							
Torque Adjustment		Stepless							
Free Speed (r.p.m)	HI	1000	1000	2000	2000	2000	2000	1000	1000
	LO	700	700	—	—	—	—	700	700
Screw Size Dia (mm)	Machine Screw	1.6~3.0	1.6~3.0	1.6~3.0	1.6~3.0	1.6~3.0	1.6~3.0	2.3~3.5	2.3~3.5
	Tapping Screw	1.6~2.6	1.6~2.6	1.6~2.6	1.6~2.6	1.6~2.6	1.6~2.6	2.3~3.0	2.3~3.0
Weight(g)		580							
Length(mm)		270							
ESD(Anti-Static)		✓ (with black housing)							
CE		✓							
RoHS		✓							
Bit Type		   							

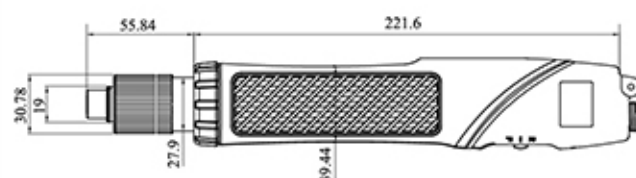
****Please contact with your agent for special customization version.**



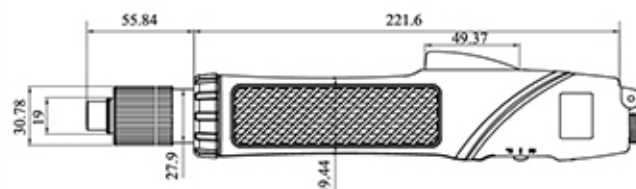
(Optional)



External Dimension

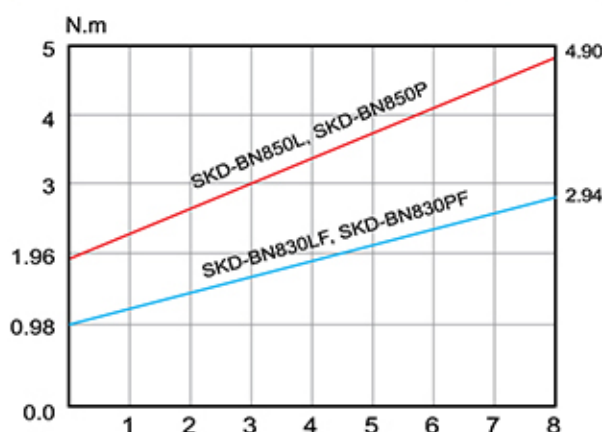


SKD-BN800P





SKD-BN800L

Torque Range Chart



- Brushless feature is applicable in a clean-room environment. The output of torque is highly stable. It is not only a easy-operate equipment but also be operated continuously for a long period.
- One LED on the housing is to remind the operators that the screwdriver is connecting to the power controller.
- Besides, it is a non-carbon, low noise equipment and low voltage. There are variable torque's ranges can be selected : 30kgf.cm / 2,000r.p.m, and 50kgf.cm / 1,000r.p.m.
- The best choice when composing the vertical's internal parts and/or any large-size electric equipments, including home appliances, LED/LCD panels and etc.
- Optional accessories spring balancer hoist or pistol grip can be added for easy and safe operation.

Specifications

Model		SKD-BN830L	SKD-BN830P	SKD-BN830LF	SKD-BN830PF	SKD-BN850L	SKD-BN850P
Input Voltage		DC40V					
Power Consumption		90W	90W	90W	90W	120W	120W
Torque	(kgf.cm)	10-30	10-30	10-30	10-30	20-50	20-50
	(Lbf.in)	8.67-26.02	8.67-26.02	8.67-26.02	8.67-26.02	17.35-43.37	17.35-43.37
	(N.m)	0.98-2.94	0.98-2.94	0.98-2.94	0.98-2.94	1.96-4.90	1.96-4.90
Repeatable Torque Accuracy(%)		±3%					
Torque Adjustment		Stepless					
Free Speed (r.p.m)	HI	1000	1000	2000	2000	1000	1000
	LO	—	—	—	—	—	—
Screw SizeDia (mm)	Machine Screw	2.6-4.0	2.6-4.0	2.6-4.0	2.6-4.0	4.0-5.0	4.0-5.0
	Tapping Screw	2.6-3.5	2.6-3.5	2.6-3.5	2.6-3.5	≤ 4	≤ 4
Weight(g)		800					
Length(mm)		278					
ESD(Anti-Static)		V (with black housing)					
CE		V					
RoHS		V					
Power Controller		SKP-40B-HL (6P)					
Bity Type							

Accessories

Torque Fixing Ring KC-7C



Torque Adjuster KW-1



Suspension Rack KH-2



90° Degree Attachment KL-1(only "L" type)



Spring Balancer KL-1200



Pistol Grip LG-8, PG-8



Power Controller SKP-40B-HL(6P)

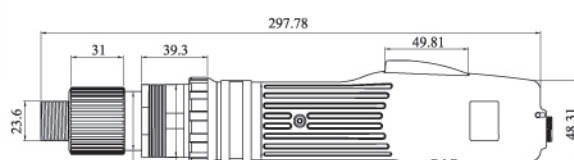
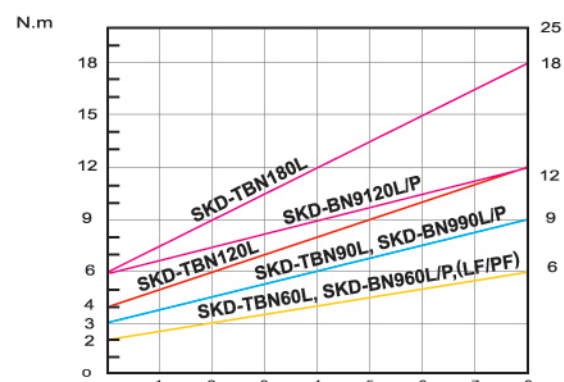


BRUSHLESS POWER TORQUE DC-TYPE AUTOMATIC TRIGGER AND PUSH START CLUTCH TYPE SERIES

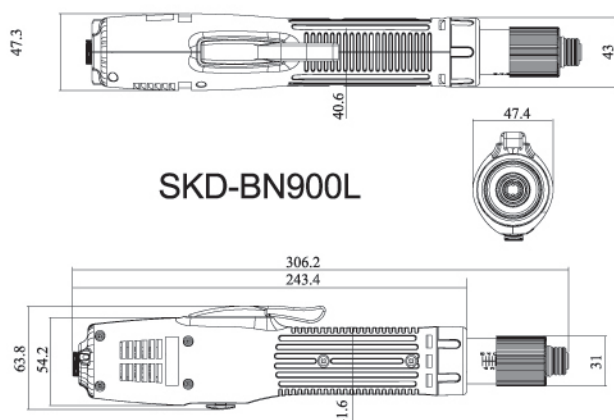
SKD-TBN /BN900 Series



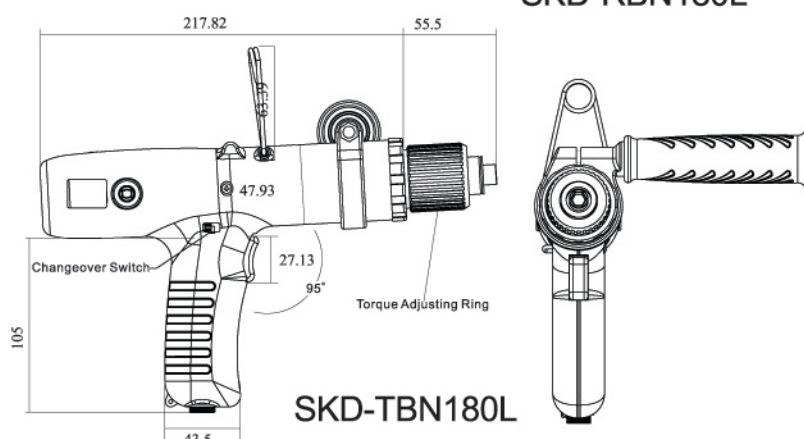
Torque Range Chart



SKD-RBN180L






SKD-BN900L



SKD-TBN180L

Specifications

Model		SKD-TBN60L	SKD-TBN90L	SKD-TBN120L	SKD-TBN180L	SKD-BN960L SKD-BN960P	SKD-BN960LF SKD-BN960PF	SKD-BN990L SKD-BN990P	SKD-BN9120L SKD-BN9120P
Input Voltage		DC40V							
Power Consumption		100W	120W	120W	150W	150W	150W	150W	150W
Torque	(N.m)	2~6	3~9	4~12	6~18	2~6	2~6	3~9	6~12
Repeatable Torque Accuracy(%)		±5%				±5%			
Torque Adjustment		Stepless				Stepless			
Free Speed (r.p.m)	HI	1000	800	550	350	1000	2000	1000	880
	LO	—	—	—	—	—	—	—	—
Screw Size Dia (mm)	Machine Screw	4.0~5.0	5.0~6.0	≤8	≤10	4.0~5.0	4.0~5.0	≤6	≤8
	Tapping Screw	≤4	≤4.5	≤6	≤8	≤4	≤4	≤5	≤6
Weight(kg)		1.20				1.03			
Length(mm)		274X160				306			
ESD(Anti-Static)		—				✓(with black housing)			
CE		✓				✓			
RoHS		✓				✓			
Auxiliary Arm		—				KP-AUX			
Handle Grip		✓				✓			
Power Controller		SKP-40B-HL-800							
Bit Type		<div>B</div> <div>HEX 6.35mm(No.3)</div>				<div>W</div> <div>3/8"sq</div>			



(Optional)



BN900

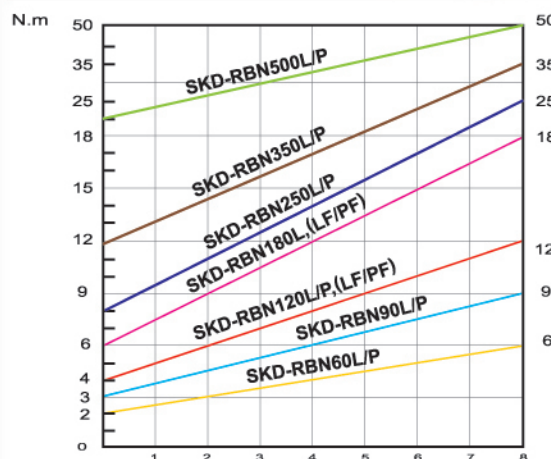


RBN



6PIN

Torque Range Chart



Accessories

Spiral Cable



Spring Balancer
KL-2000



Suspension rack
KH-7



Torque Fixing Ring
KC-22A






Screw Counter
SKP-BC40HL-800(V3.0)



Power Counter
SKP-40B-HL-800

- Whole series use brushless motor, no carbon pollution, and low noise motor operation. It is the best fit for assembling power torque products.
- Assemble large-sized LED/LCD panel and home appliances. Tools can be hanged with spring balancer to lessen work fatigue.
- SKD-TBN series torque range can reach up to 2~18 N.m ; SKD-RBN series torque range can reach up to 2~50 N.m. High accuracy and stable torque output can replace pneumatic screwdriver to avoid unstable torque due to the fluctuation of the air pressure. Also can prevent oil and noise pollution and achieve energy saving and more Eco-friendly.
- SKD-RBN series must be collaborated with Auxiliary Arm and SKD-TBN series must be equipped with side handle, which can increase stable torque output, torque precision, and easier for user to operate.
- Suitable for assembling large-scale work pieces in semi-automatic or full automatic assembly line. In particular, the most suitable for applications such as automotive industrial parts assembly, air conditioning, electricity, telecommunications, large appliances and medical equipment assembly.
- Highly mobility, easy to operate, stable torque, high efficiency. Motor can be free from fatigue under long-working hours.

Specifications

Model		SKD-RBN60L SKD-RBN60P	SKD-RBN90L SKD-RBN90P	SKD-RBN120L SKD-RBN120P	SKD-RBN120LF SKD-RBN120PF	SKD-RBN180L SKD-RBN180P	SKD-RBN180LF SKD-RBN180PF	SKD-RBN250L SKD-RBN250P	SKD-RBN350L SKD-RBN350P	SKD-RBN500L SKD-RBN500P		
Input Voltage		DC40V										
Power Consumption		100W	120W	120W	150W	200W	150W	150W	150W	150W		
Torque	(N.m)	2~6	3~9	4~12	4~12	6~18	6~18	8~25	12~35	20~50		
Repeatable Torque Accuracy(%)		±5%										
Torque Adjustment		Stepless										
Free Speed (r.p.m)	HI	1000	800	550	880	350	600	350	350	200		
	LO	—	—	—	—	—	—	—	—	—		
Screw Size Dia (mm)	Machine Screw	4.0~5.0	5.0~6.0	≤6	≤6	≤8	≤8	≤8	≤10	≤12		
	Tapping Screw	≤4	≤4.5	≤5	≤5	≤6	≤6	≤6	≤8	≤10		
Weight(kg)		1.25							2.2			
Length(mm)		298							393			
ESD(Anti-Static)		✔ (with black housing)							✔			
CE		✔							✔			
RoHS		✔							✔			
Auxiliary Arm		✔							✔			
Handle Grip		✔										
Power Controller		SKP-40B-HL-800										
Bit Type		<div>B</div> <div></div> <div>HEX 6.35mm(No.3)</div>					<div>W</div> <div></div> <div>3/8"sq</div>				<div>W</div> <div></div> <div>1/2"sq</div>	

**SKP-BC40HL-800(V3.0)**

SKD-BN200 Series
SKD-BN500 Series
SKD-BN800 Series
SKD-RBN Series
SKD-TBN Series
SKD-BN900 Series

SKP-BC40HL(V3.0)

SKD-BN200 Series
SKD-BN500 Series
SKD-BN800 Series

Features of SKP-BC40HL(V3.0) / SKP-BC40HL-800(V3.0)

- High / Low speed switch / Hi/Lo voltage switch protection function
- Slow start time (0.0-9.9 second)
- Slow start speed Level (35%-100% of normal speed, L0-L9)
- Target reached Confirm (enable / disable)
- Input / Output function control
- External start Input Control
- External reverse Input Control
- External enable Input Control
- External confirm Input Control
- Expanding 5 sets data memory
- Auto-Learning function for time monitoring
- Before tightening reverse
- After tightening reverse
- Counting mode (count up / count down)
- Signal output (OK 1/ OK ALL / N.G)
- Cancel NG signal (Use external Clear or Confirm button to cancel NG signal)
- Operation complete time
- Self locking when counter detect error (enable / disable)
- Sensor mode (Applications according to different operation use)
- Error code by monitoring
- Strong anti-interference capability

