

BRUSHLESS POWER TORQUE DC-TYPE AUTOMATIC SCREWDRIVER



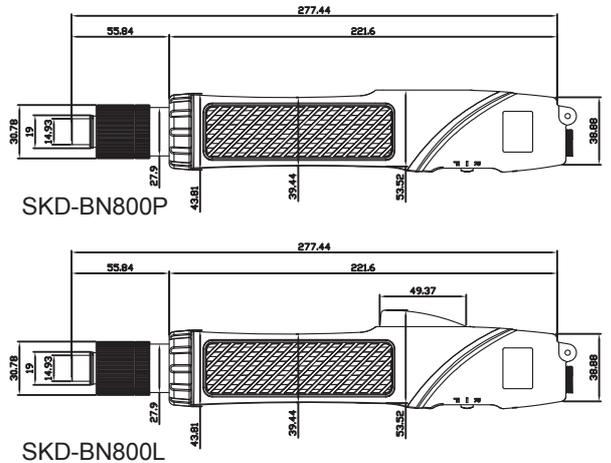
SKD-BN800, SKD-BE800, SKD-TBN/RBN/BN900, SKP-BC40HL, KL-SCBSN



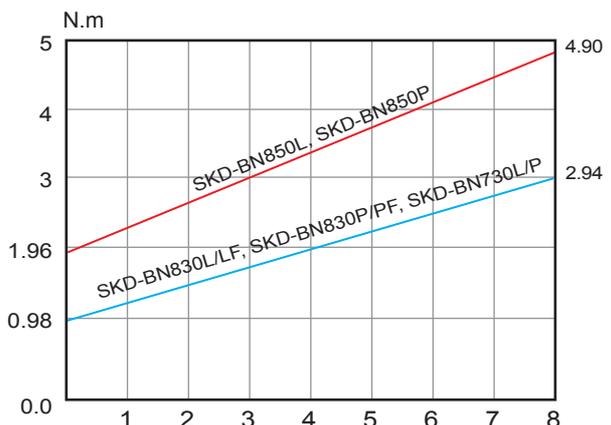
SKD-BN730L/P SKD-BN830L/P, SKD-BN850L/P, SKD-BN830LF/PF

- Brushless feature is applicable in a dust-free condition. 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.
- SKD-BN800 series has three rotation rates selections: 1,000r.p.m / 1,200r.p.m / 2,000r.p.m. The range of th torque could be reach to 10-50kgf.cm.
- Besides, it is a toner-free and noise-free equipment, and low voltage. There are variable torque's ranges can be selected : 30kgf.cm / 2,000r.p.m, 30kgf.cm / 1,200r.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.

External Dimension



Torque Range Chart



Specifications

Model		SKD-BN730L/P	SKD-BN830L/P	SKD-BN830LF	SKD-BN830PF	SKD-BN850L	SKD-BN850P	
Input Voltage		DC24V/32V	DC40V					
Power Consumption		55W	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	1200	1000	2000	2000	1000	1000	
	LO	900	—	—	—	—	—	
Screw Size Dia (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)		✓ (with black housing)						
CE		✓						
RoHS		✓						
Power Controller		SKP-BE32HL(Notes 6P)			SKP-40B(Notes 6P)			
Bit 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 (Note 6P) 	SKP-BE32HL (Note 6P)

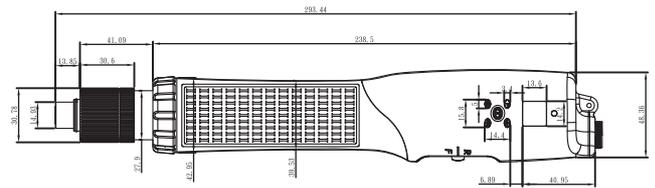
BRUSHLESS POWER TORQUE DC-TYPE AUTOMATIC WITH COUNTER TRIGGER AND PUSH START CLUTCH TYPE SERIES



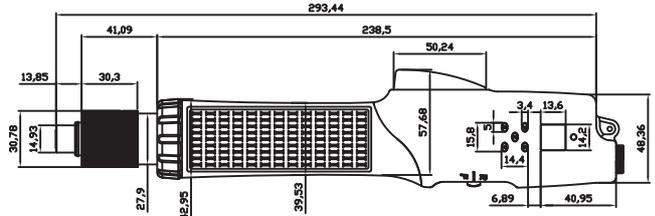
SKD-BE800 Series 【SKD-BE830L, SKD-BE850L, SKD-BE830LF】 【SKD-BE830P, SKD-BE850P, SKD-BE830PF】



External Dimension

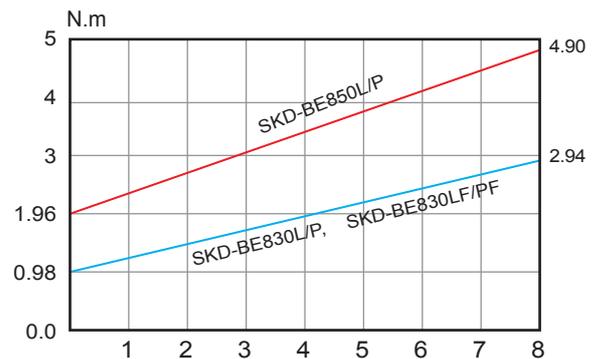


SKD-BE800P



SKD-BE800L

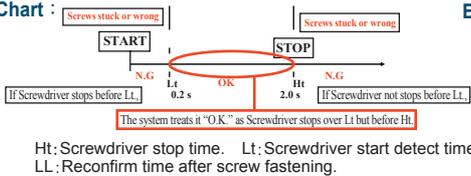
Torque Range Chart



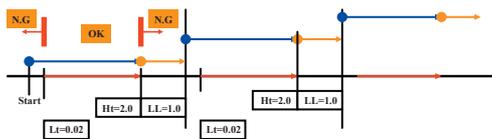
SKD-BE830L/P, SKD-BE850L/P, SKD-BE830LF/PF

- Brushless motor, the perfect combination between screw counter and electric screwdriver, and most fit for operating in clean-room environment.
- Torque range from 10~50Kgf.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 fastening 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 Screwdrivers. 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, 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.

Data Chart :



Execute under general pre-set program :



Accessories

Torque Fixing Ring KC-7C



Torque Adjuster KW-1



Suspension Rack KH-2



Spring Balancer KL-1200



Power Controller SKP-40B(Note 6P)



Pistol Grip LG-12, PG-12



Specifications

Model	SKD-BE830L	SKD-BE830P	SKD-BE830LF	SKD-BE830PF	SKD-BE850L	SKD-BE850P
Input Voltage	DC40V					
Power Consumption	90W	90W	90W	90W	120W	120W
Torque	(kgf.cm)	10~30	10~30	10~30	10~30	20~50
	(Lbf.in)	8.67~26.02	8.67~26.02	8.67~26.02	8.67~26.02	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
Repeatable Torque Accuracy(%)	±3%					
Torque Adjustment	Stepless					
Free Speed (r.p.m)	HI	1000	1000	2000	2000	1000
	LO	—	—	—	—	—
Screw Size Dia (mm)	Machine Screw	2.6~4.0	2.6~4.0	2.6~4.0	2.6~4.0	4.5~5.0
	Tapping Screw	2.6~3.5	2.6~3.5	2.6~3.5	2.6~3.5	≤ 4
Weight(g)	820					
Length(mm)	294					
ESD(Anti-Static)	✓ (with black housing)					
CE	✓					
RoHS	✓					
Bit Type	A		B		B	



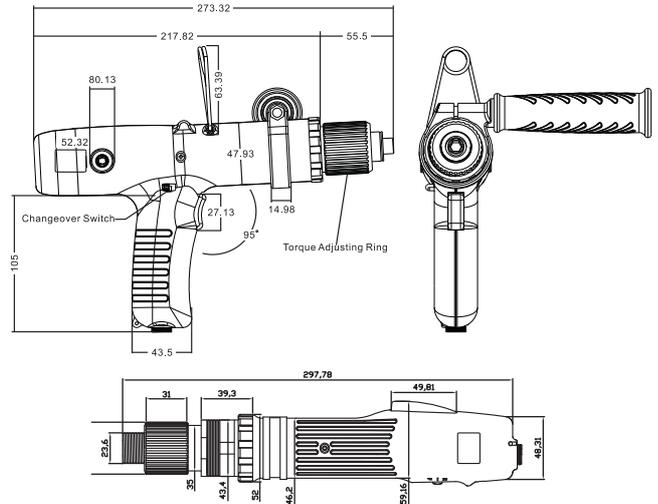
BRUSHLESS POWER TORQUE DC-TYPE AUTOMATIC TRIGGER AND PUSH START CLUTCH TYPE SERIES

SKD-TBN/RBN/BN900 Series 【SKD-TBN60L, SKD-TBN90L, SKD-TBN120L, SKD-TBN180L】 【SKD-RBN60L/P, SKD-RBN90L/P, SKD-RBN120L/P, SKD-RBN180L/P】 【SKD-BN960L/P, SKD-BN990L/P, SKD-BN9120L/P】

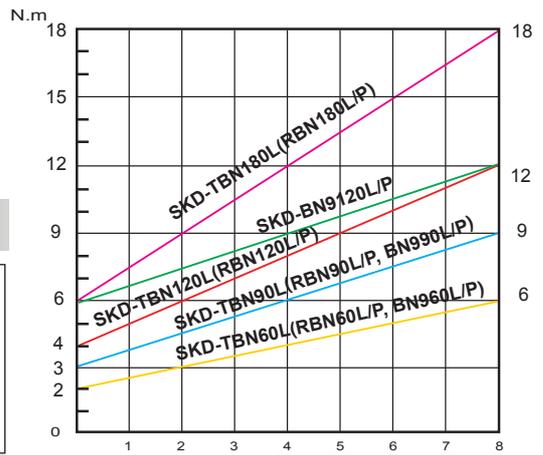


- Whole series use brushless motor, no carbon pollution, and low noise motor operation. It is the best fit for assembling power torque products.
- Assemble large-sized LED/LCD panel and home appliances. Tools can be hanged with spring balancer to lessen work fatigue.
- TBN,RBN,and BN900 torque ranges is from 2 to 18N.m, stable torque output with great precision can replace pneumatic screwdrivers—unstable torque, grease-polluted and noise-polluted.
- RBN type must be collaborated with Auxiliary Arm which can increase stable torque output, torque precision, and easier to operate, RBN type series are most applied to assemble large products on automatic production line.
- Highly mobility, easy to operate, stable torque, high efficiency. Motor can be free from fatigue under long-working hours.

External Dimension



Torque Range Chart

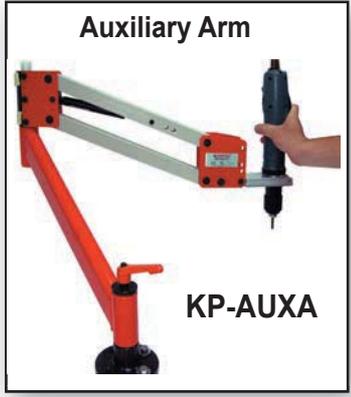


Accessories



Specifications

Model	SKD-RBN60L SKD-RBN60P	SKD-RBN90L SKD-RBN90P	SKD-RBN120L SKD-RBN120P	SKD-RBN180L SKD-RBN180P	SKD-TBN60L	SKD-TBN90L	SKD-TBN120L	SKD-TBN180L	SKD-BN960L SKD-BN960P	SKD-BN990L SKD-BN990P	SKD-BN9120L SKD-BN9120P	
Input Voltage	DC40V											
Power Consumption	100W	120W	120W	200W	100W	120W	120W	200W	260W	260W	260W	
Torque (N.m)	2~6	3~9	4~12	6~18	2~6	3~9	4~12	6~18	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	800	550	350	2200	1000	880
	LO									1650	750	660
Screw Size Dia (mm)	Machine Screw	4.0~5.0	5.0~6.0	≤8	≤10	4.0~5.0	5.0~6.0	≤8	≤10	4.0~5.0	≤6	≤8
	Tapping Screw	≤4	≤4.5	≤6	≤8	≤4	≤4.5	≤6	≤8	≤4	≤5	≤6
Weight(kg)	1.25				1.20				1.03			
Length(mm)	298				274X160				360			
ESD(Anti-Static)	✓ (with black housing)				-				✓ (with black housing)			
CE	✓				✓				✓			
RoHS	✓				✓				✓			
Auxiliary Arm	✓				-				✓			
Handle Grip	CF85002											
Power Controller	SKP-40B(Note 6P)								SKP-40B-LH-800			
Bit Type	 B 16 6.35 HEX 6.35mm(No.3)				 W				 3/8"sq			





SKP-BC40HL-800(Note V3.0)

- SKD-BN960L
- SKD-BN960P
- SKD-BN990L
- SKD-BN990P
- SKD-BN9120L
- SKD-BN9120P

SKP-BC40HL(Note V3.0)

- SKD-TBN60L
- SKD-TBN90L
- SKD-TBN120L
- SKD-TBN180L
- SKD-RBN60L
- SKD-RBN60P
- SKD-RBN90L
- SKD-RBN90P
- SKD-RBN120L
- SKD-RBN120P
- SKD-RBN180L
- SKD-RBN180P
- SKD-BN830L
- SKD-BN830P
- SKD-BN830LF
- SKD-BN830PF
- SKD-BN850L
- SKD-BN850P

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

- High / Low speed switch / Hi/Lo voltage switch protection function
- Slow start time (0.0-9.9 second)
- Slow start Speed Level (30%-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





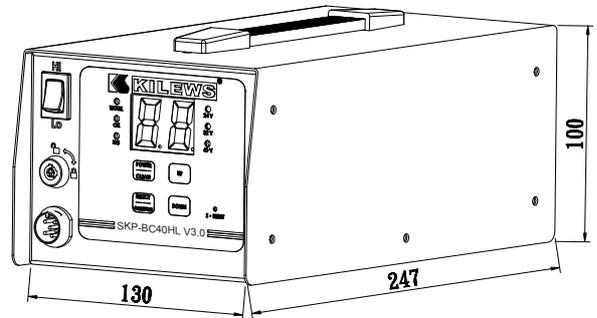
SCREW COUNTER (FOR BRUSHLESS SCREWDRIVERS)

SKP-BC40HL(Note V3.0) / SKP-BC40HL-800(Note V3.0)

【Counter / Power Supply / Slow-Start】



External Dimension



SKD-BN800 L/P (Series)



SKD-RBN L/P (Series)



SKD-BN900 L/P (Series)



SKD-TBN L (Series)

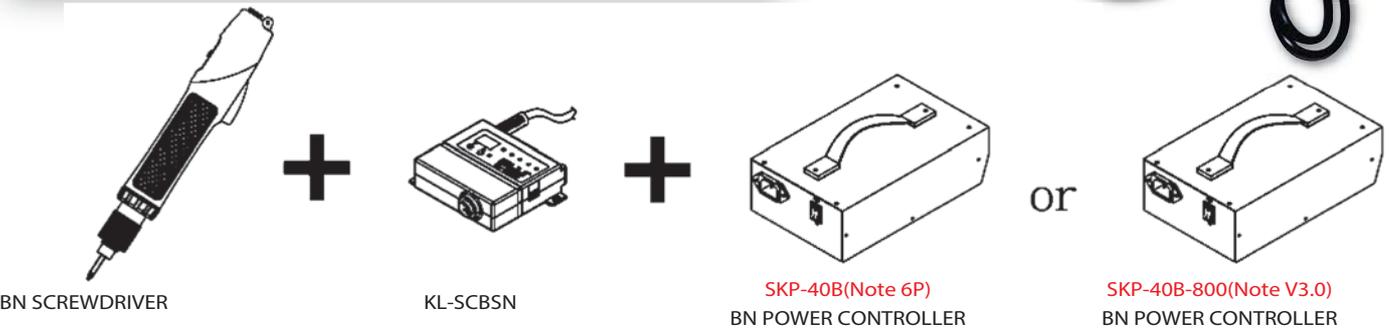
Specifications

Model	SKP-BC40HL(Note V3.0)	SKP-BC40HL-800(Note V3.0)
Input Voltage	AC 100~240V 50/60HZ	
Output Voltage	DC 40V / 32V / 24V 5.5A	DC 40V / 32V / 24V 6.5A
PowerConsumption	220W	260W
Count	1~99	
Count method	Count-up / Count-down	
Reverse Resuming	ON / OFF	
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	LO:100%, 35%~85% L1~L9 Rated speed	
Running Time limit-LO	0.00~9.90 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	
Dimensions	247X130X100(mm)	
Weight(Kg)	2.4	
Accessories	Power cordX1、KeyX2	
Remark		
Applicable Models	FOR ALL SKD-BN SERIES (BN900 Series are not included)	FOR ALL SKD-BN SERIES

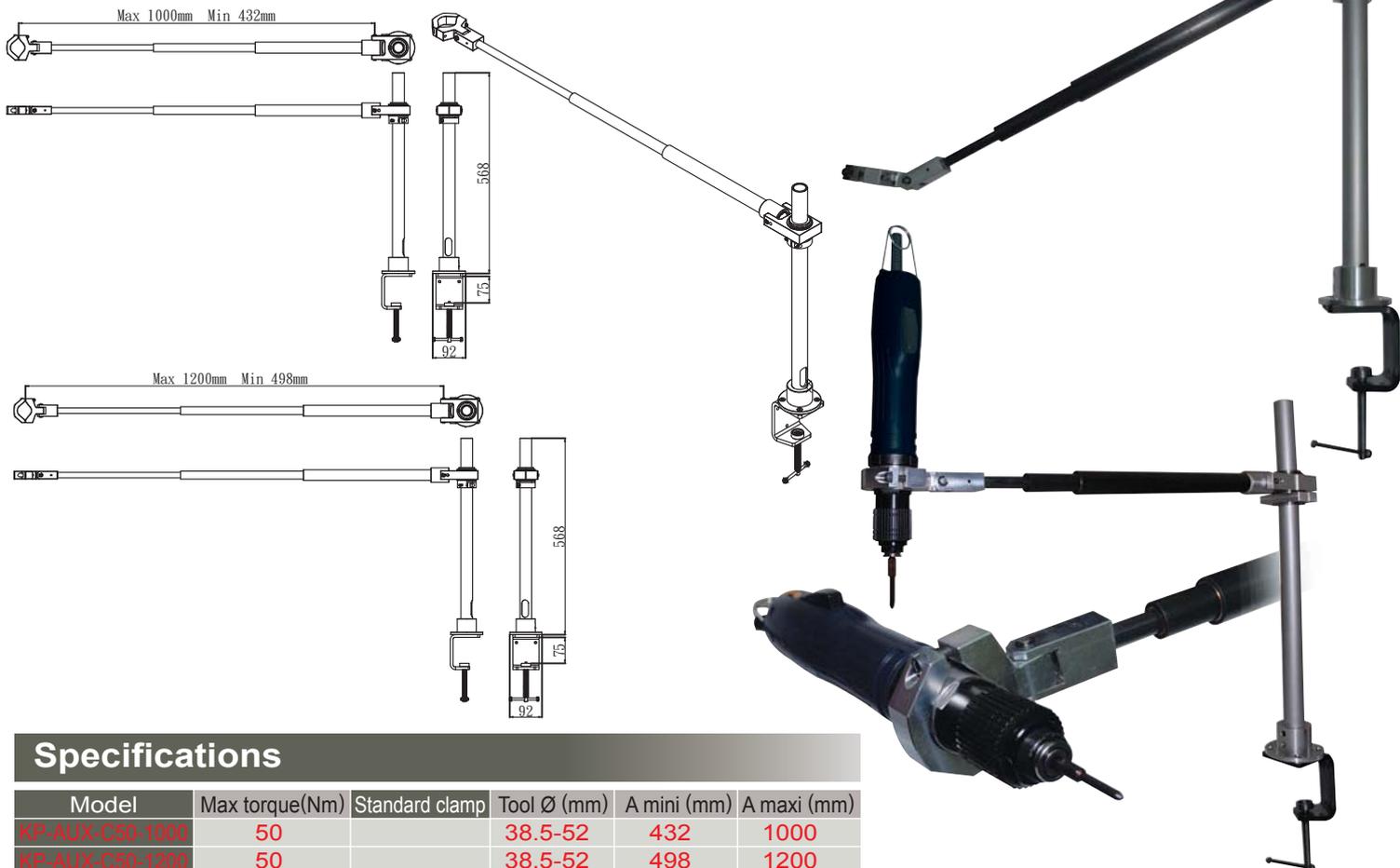
KL-SCBSN Screwdriver I/O Signal Control Box (For Manual / PLC)



- Slow Start time (0.0-9.9 second)
- Slow start Speed Level (30%-100% of normal speed,L0-L9)
- Operation Time (0.0-9.9 second)
- Target Reached Confirm (enable / disable)
- Brake Signal Hold Time (start off / next start off)
- External Start Input Control
- External Reverse Input Control
- Signal output (Start,Stop,Reverse)



Auxiliary Arm

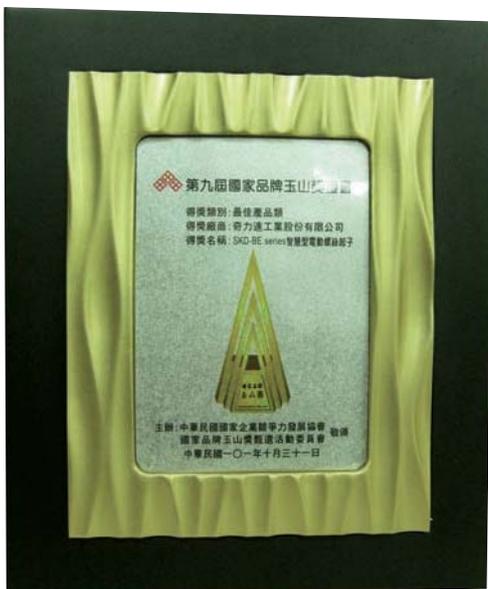


Specifications

Model	Max torque(Nm)	Standard clamp	Tool Ø (mm)	A mini (mm)	A maxi (mm)
KP-AUX-CSD-1000	50		38.5-52	432	1000
KP-AUX-CSD-1200	50		38.5-52	498	1200



The group photo of President of Taiwan Mr. Ma Ying-Jeou had an interview with the 9th National Brand of Yushan Award of chairmen's award winners on January 2nd 2013.



In 2012, KILEWS won the National Brand of Yushan Award, the award for outstanding business class award for the best product.