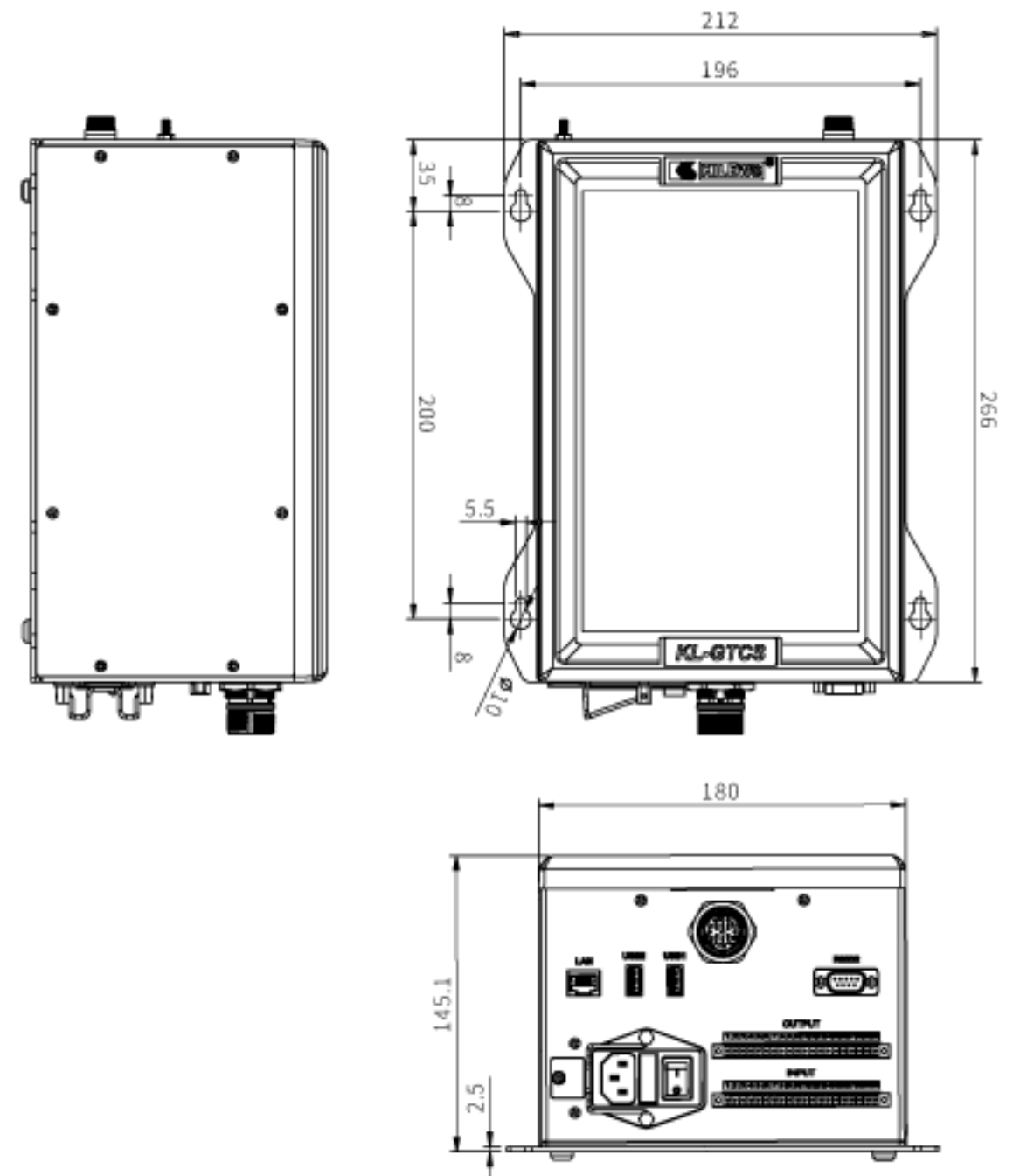




External Dimension



Unit: mm

Features

- Torque Control
- Angle Control
- Thread Control
- Built-in torque sensor and angle encoding for precise torque control
- 10-inch touch screen with a clear display for convenient operation
- High-quality materials to enhance durability in industrial environments
- Sleek high-tech design with ergonomic features for effortless operation
- Standard data transmission port, compatible with industry 4.0 requirements
- Real-time fastening graphics for analysis and monitoring
- Built-in data storage for recording and tracking data
- High-precision torque sensor to ensure the best accuracy
- Multiple start modes: lever trigger, push-down screwdriver, or a combination of both
- LED illumination options: constant on, off, or activated only during use
- USB data storage for easy data transfer
- Screw counting feature
- Adjustable parameters to accommodate various material hardness levels
- Two available modes: Normal and Advance for different settings and customization
- Modbus protocol support via RS232 port
- I/O ports for seamless connectivity
- Graphical representation of fastening status, angle, torque, power, and time

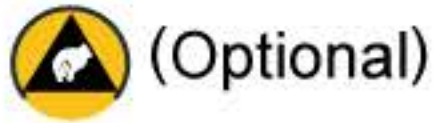
Specifications

Model	KL-GTCS
Input Voltage	AC 115V / 230V
Input Frequency	50 - 60Hz
Input Current	6.3A
Output Voltage	DC 40V
Output Current	Max 9A
power consumption	360W
External dimensions(mm)	266*180*145
Weight(g)	4080
Applicable Model	SGT-CS Series

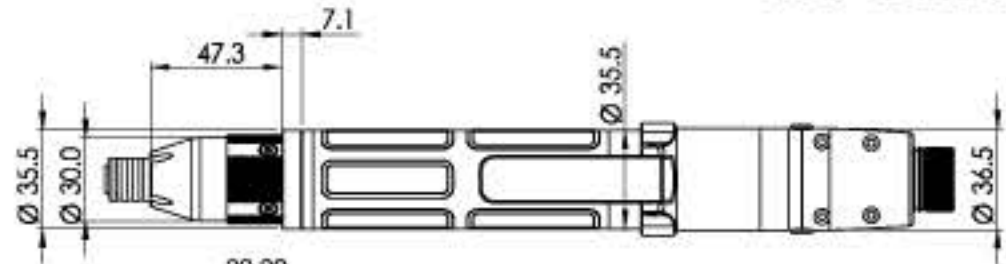
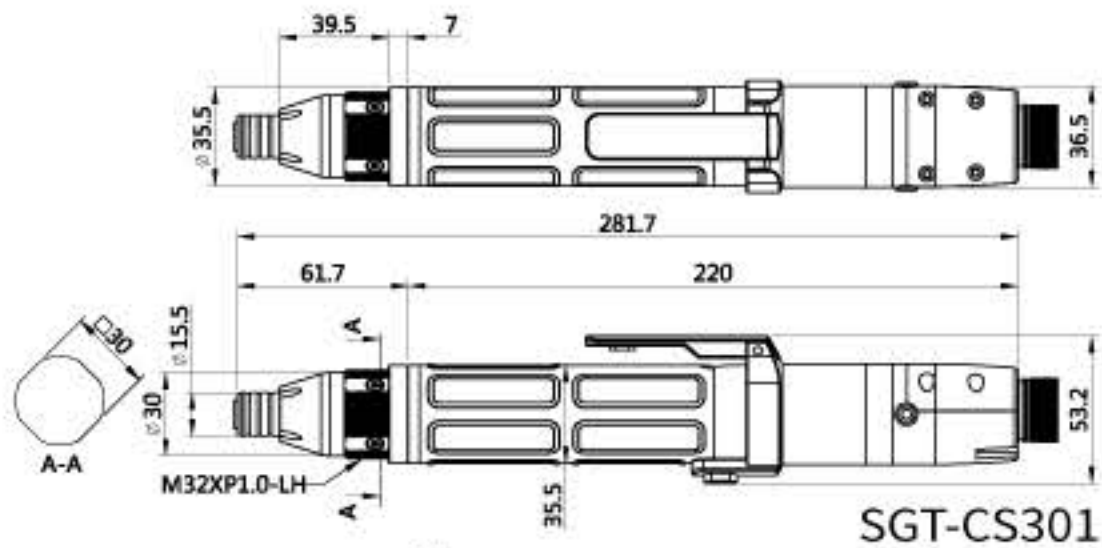
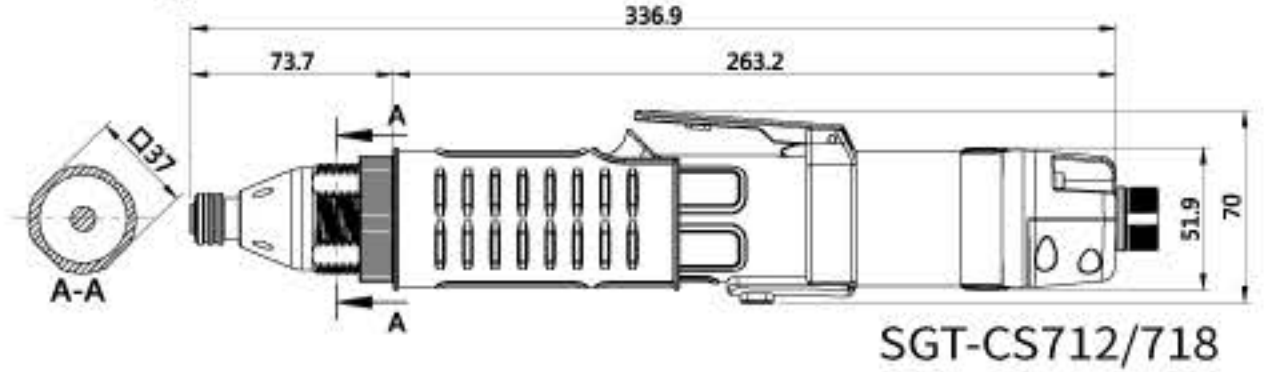
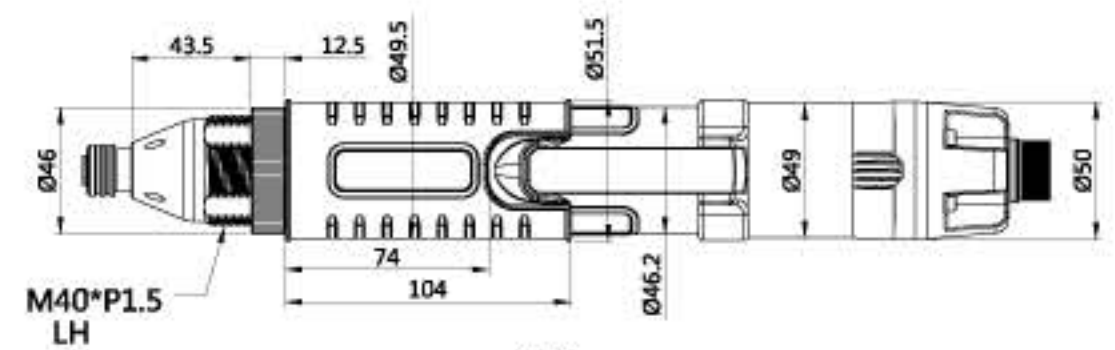
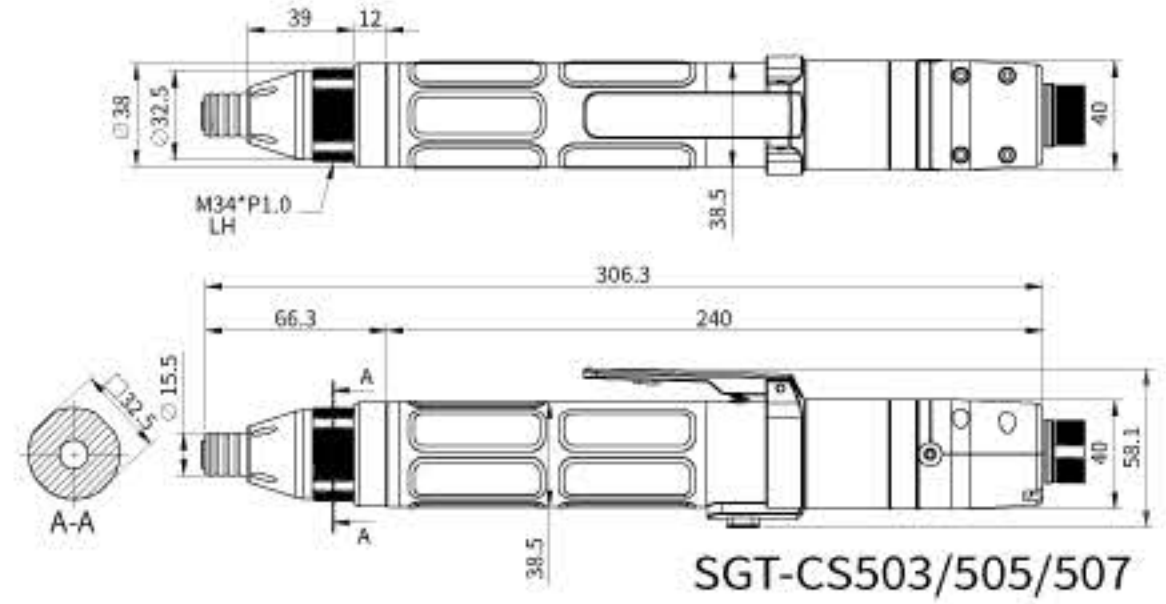
INTELLIGENT HIGH PRECISION TORQUE / ANGLE TRANSDUCER SCREWDRIVER SERIES



SGT-CS Series



External Dimension



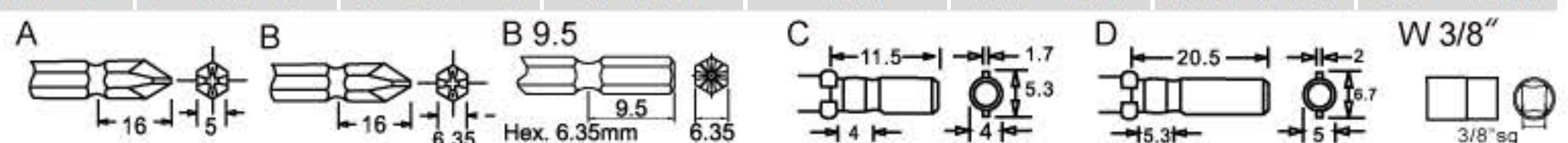
Unit: mm

※ Specification and design are subject to change without notice.

Specifications

Model	SGT-CS301	SGT-CS302F	SGT-CS303	SGT-CS503	SGT-CS505	SGT-CS507	SGT-CS712	SGT-CS718	SGT-CS725	
Input voltage	DC40									
Torque (N.m)	(N.m)	0.1 ~ 1	0.3 ~ 2.4	0.38~3	0.38~3	0.63~5	0.88~7	1.5~12	2.25~18	3.13~25
	(kgf.cm)	1.02~10.2	3.06~24.48	3.88~30.60	3.38~30.60	6.43~51.00	8.98~71.40	15.30~122.40	22.95~183.6	31.93~255
	(Lbf.in)	0.88~8.85	2.66~21.24	3.36~26.55	3.36~26.55	5.58~44.26	7.79~61.96	13.28~106.21	19.91~159.3	27.70~221.28
Repeatable Torque Accuracy	+/-3sigma / AVG., 5%									
Free Speed (r.p.m.)	980~60	2000~140	980~60	1600~60	1100~60	660~60	800~40	550~30	350~20	
Power Consumption	90W									
Weight(g)	644	692	718	900	900	900	1460	1475	1910	
Length(mm)	282	291	291	307	307	307	337	337	348	
Power Controller	KL-GTCS									
Bit Type	B9.5、C、D	B、B9.5、D	B、B9.5、D	A、B9.5、D	A、B9.5	B9.5	B9.5、W3/8"	B9.5、W3/8"	B9.5、W3/8"	

※ CE、RoHS



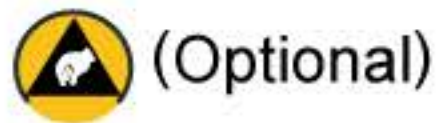
* Lever type only : SGT-CS301/CS725

* Lever start type & Push start type : SGT-CS302F/CS303/CS503/CS503/CS507/CS712/CS718

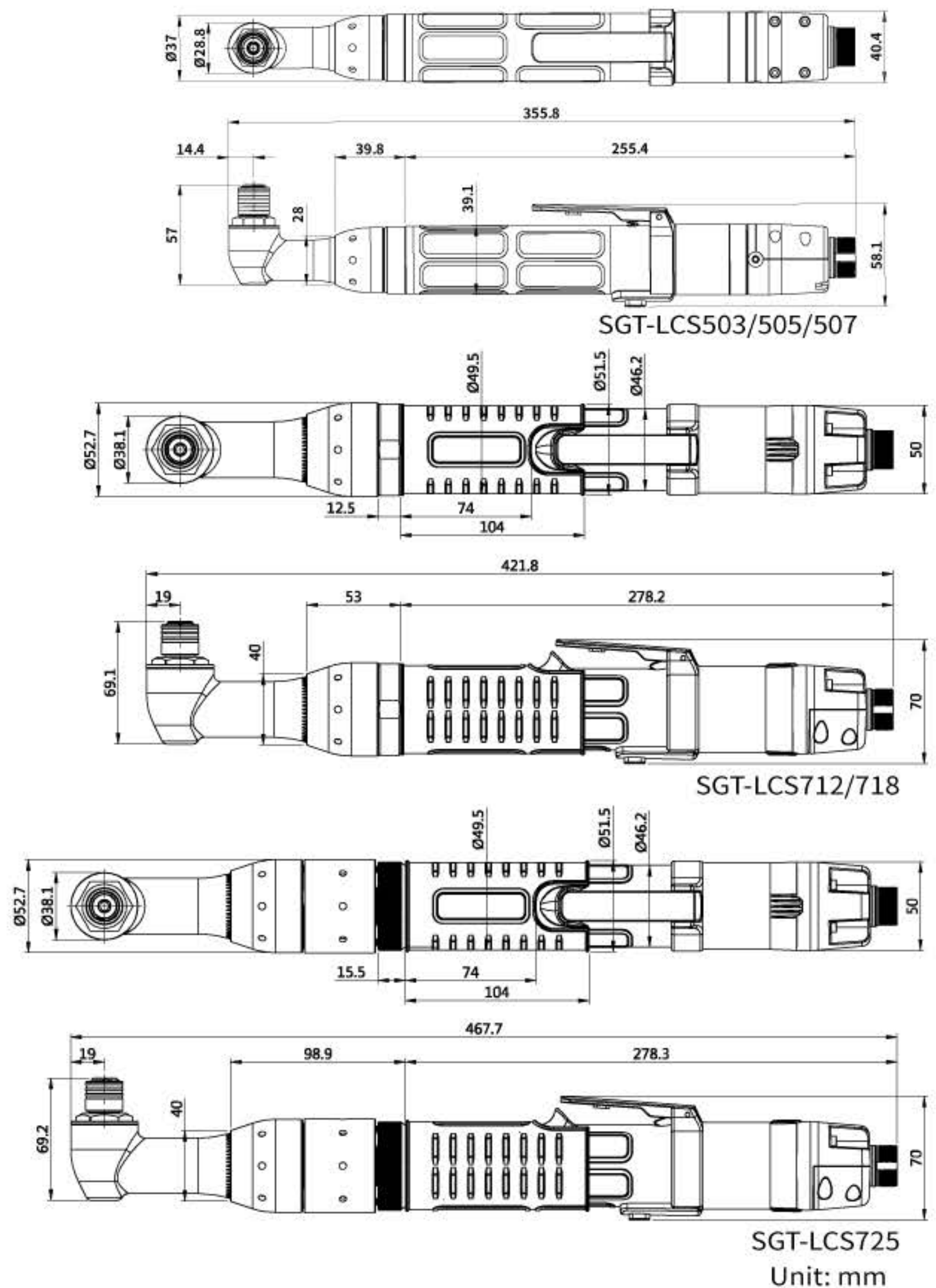
INTELLIGENT HIGH PRECISION TORQUE / ANGLE TRANSDUCER SCREWDRIVER SERIES



SGT-LCS Series



External Dimension

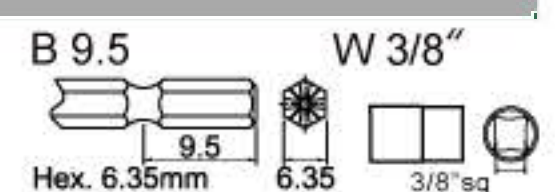


The official website shall prevail when specifications and designs are subject to change in this content.

Specifications

Model	SGT-LCS503	SGT-LCS505	SGT-LCS507	SGT-LCS712	SGT-LCS718	SGT-LCS725	
Input Voltage	DC40						
Torque	(N.m)	0.38 ~ 3	0.63 ~ 5	0.88 ~ 7	1.5 ~ 12	2.25 ~ 18	3.13 ~ 25
	(kgf.cm)	3.88 ~ 30.60	6.43 ~ 51.00	8.98 ~ 71.40	15.30 ~ 122.40	22.95 ~ 183.6	31.93 ~ 255
	(Lbf.in)	3.36 ~ 26.55	5.58 ~ 44.26	7.79 ~ 61.96	13.28 ~ 106.21	19.91 ~ 159.3	27.70 ~ 221.28
Repeatable Torque Accuracy	+/- 3 sigma / AVG., 5%						
Free Speed(r.p.m)	1100 ~ 60	800 ~ 60	450 ~ 60	600 ~ 40	400 ~ 30	250 ~ 20	
Power Consumption	90W						
Weight(g)	1233	1233	1233	2300	2300	2930	
Length(mm)	356	356	356	422	422	468	
Power Controller	KL-GTCS						
Bit Type	B 9.5 , W 3/8"						

* Lever type only : SGT-LCS503/LCS505/LCS507/LCS712/LCS718/LCS725



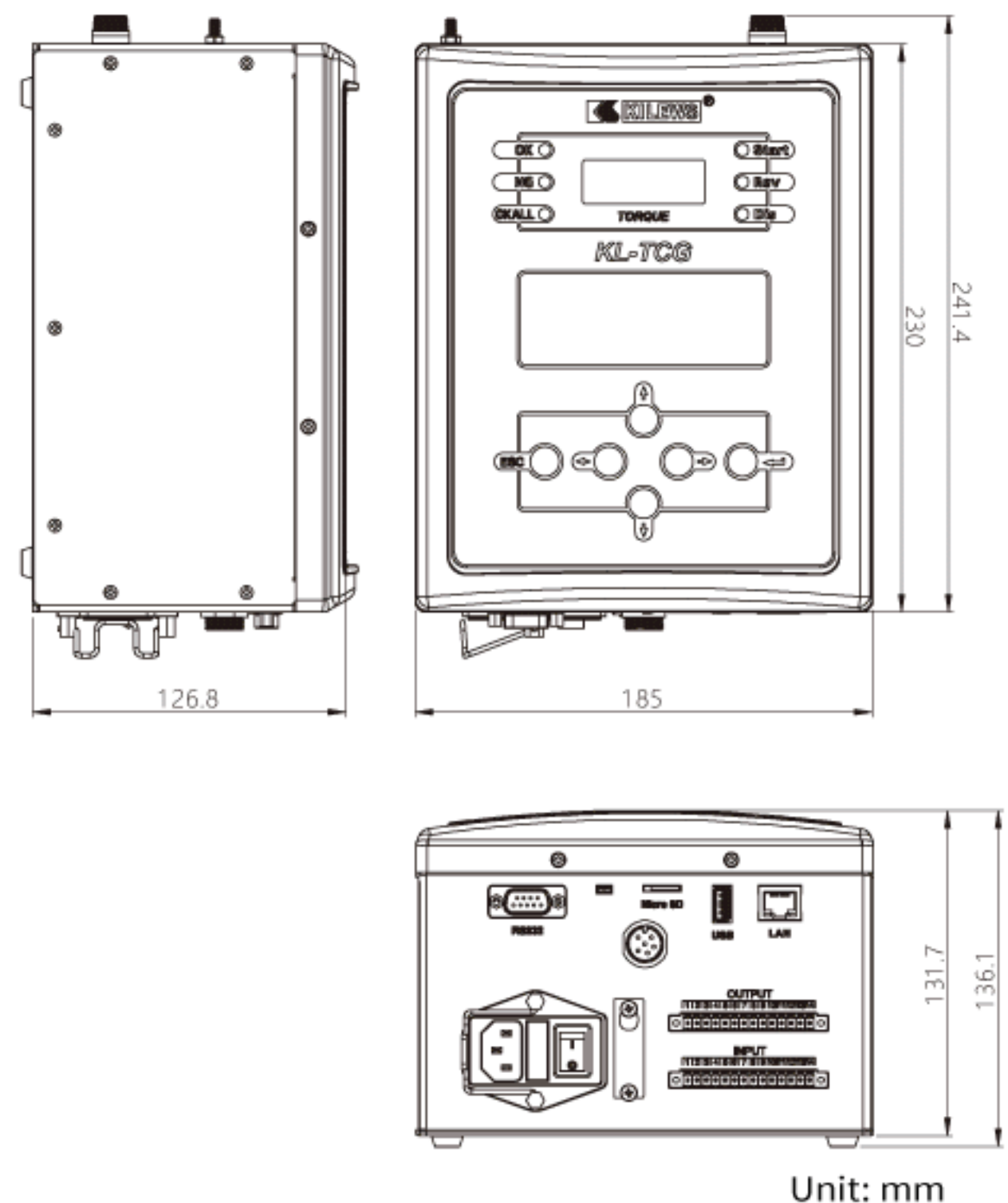
External Dimension



Features

- High precision made in Germany torque transducer
- Start mode: Lever start / Push start / Lever + push start
- LED mode: On / Off / Turn on when start
- SD card slot for temporary data storage (Support 32GB and below)
- Save up to 250 sequences
- Use up to 5 steps per screw tightening
- Save up to 99 steps
- Use up to 50 sequences per job
- Save up to 50 jobs

TCG controller can monitor tightening status, parameter settings and data storage for traceability. Adopt made in Germany torque transducer allows SKT-CG series screwdriver to control tightening torque and RPM. Due to SKT-CG diverse functions, it can provide most ideal tightening strategy. Tightening goals (torque/thread) can be set by controller. Users may switch between multiple programs to achieve tightening various tasks. Built-in ethernet module, no need to purchase external ethernet module. Data can be saved in SD card to avoid data missing due to internet down time.



Unit: mm

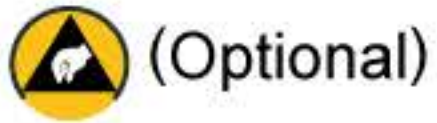
Specifications

Model	KL-TCG	KL-TCG-L
Input Voltage	AC 115 / 230V 50-60Hz	
Output Voltage	DC 40V	
Count	1~99	
Count method	Count-up/Count-down	
Detection torque value	According to the screwdriver specifications	
Detection screw thread number	0.0~999.9	
External connection input	Start / Reverse / Disable / Confirm / Cleared / Gate / Sequence	
External connection output	OK/NG/OK ALL/Start/Reverse	
Serial interface	RS-232 , Micro SD , LAN	
Assembly management	KL-DAS / KL-AMS	
External dimensions	241 x 185 x 127 (mm)	
Weight(Kg)	3.4 Kg	
Applicable Models	SKT-CGS series SKT-CG30/50/70 SKT-LCG30/50/70	SKT-CG120/180/250 SKT-LCG120/180/250

INTELLIGENT HIGH PRECISION TORQUE TRANSDUCER SCREWDRIVER SERIES



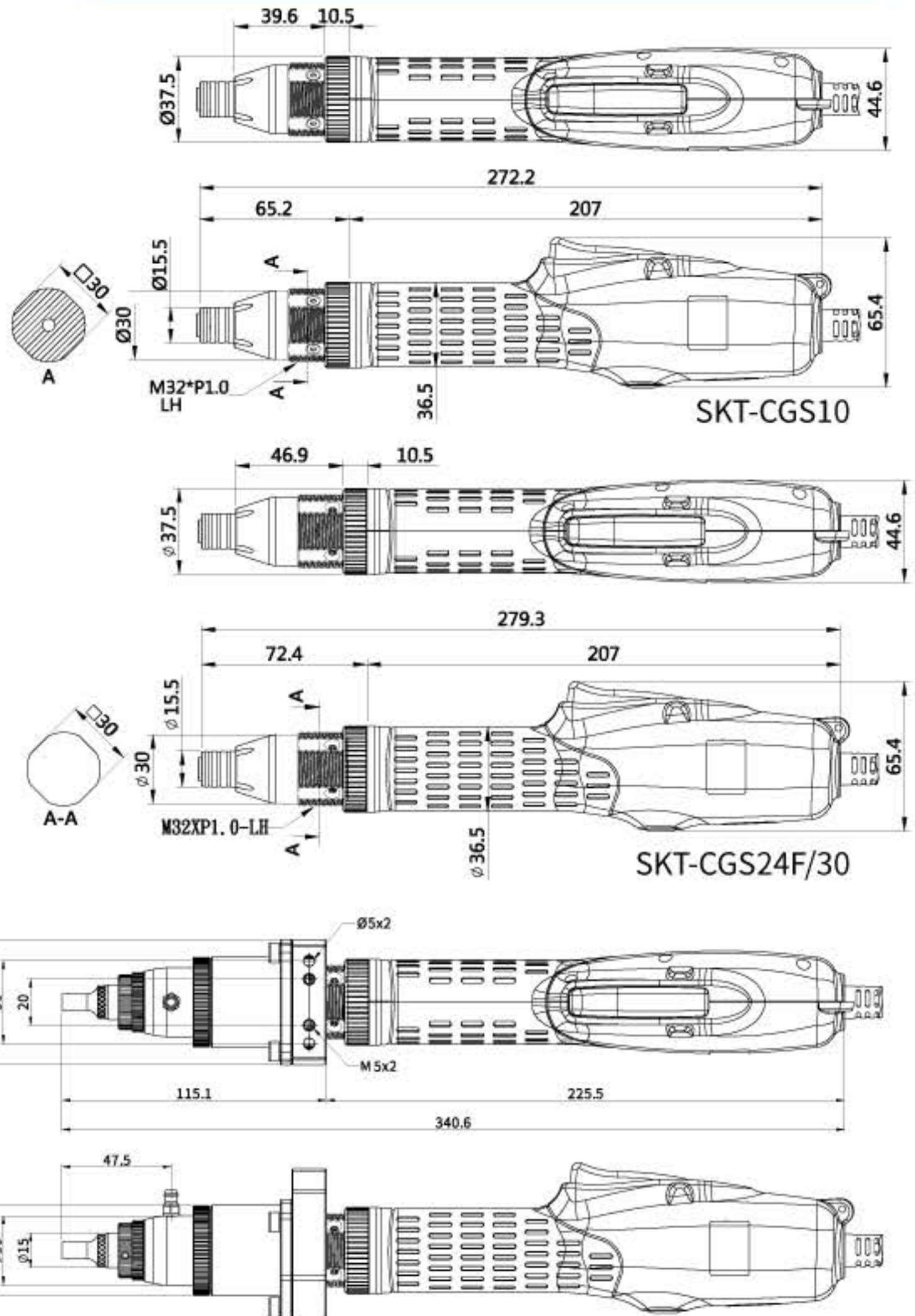
SKT-CGS Series



SKT-CGS

SKT-CGS10 + KS-TM-TCGS310
SKT-CGS24F/30 + KS-TM-TCGS330

External Dimension

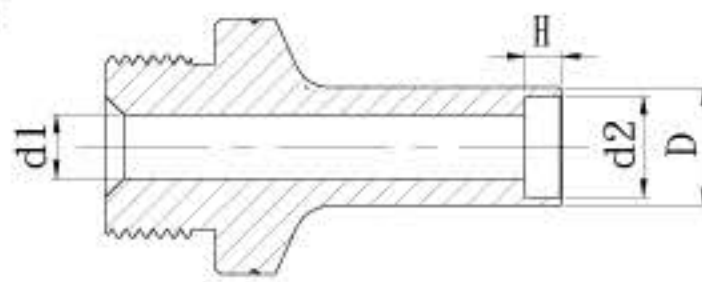


SKT-CGS + KS-TM-TCGS
Unit: mm

PART NO	d1	d2	D	H
P11032-15	3.5	5.5	6.5	2
P11032-17	4.5	6.5	7.5	2
P11032-18	5.5	7.5	8.5	2

※d1<Screw Head Dia<d2

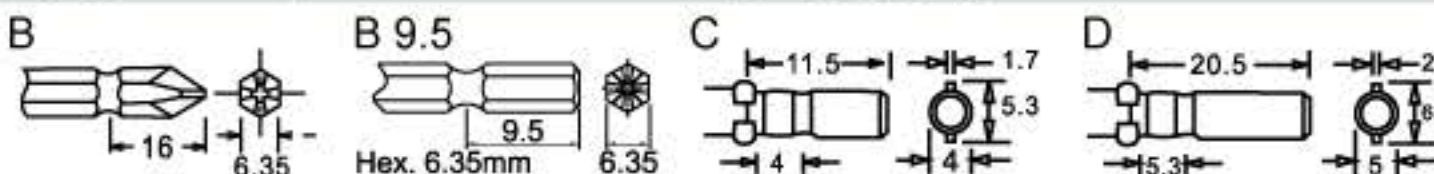
Screw Head Dia



Specifications

Model	SKT-CGS10	SKT-CGS24F	SKT-CGS30
Input Voltage		DC40V	
Torque	(N.m)	0.1~1	0.5~3
	(kgf.cm)	1.02~10.2	4.08~24.48
	(Lbf.in)	0.88~8.85	3.54~21.24
Repeatability Accuracy(%)	+/- 3sigma / AVG., 7.5%		
Free Speed (r.p.m)	980~100	2000~140	980~100
Power Consumption	90W		
Weight(g)	680		
Length(mm)	272	280	
Power Controller	KL-TCG		
Bit Type	B 9.5·C·D	B · B 9.5·D	

※CE(SK-T-CGS24F NO CE) · RoHS



Accessories

Screwdriver Holder KH-2

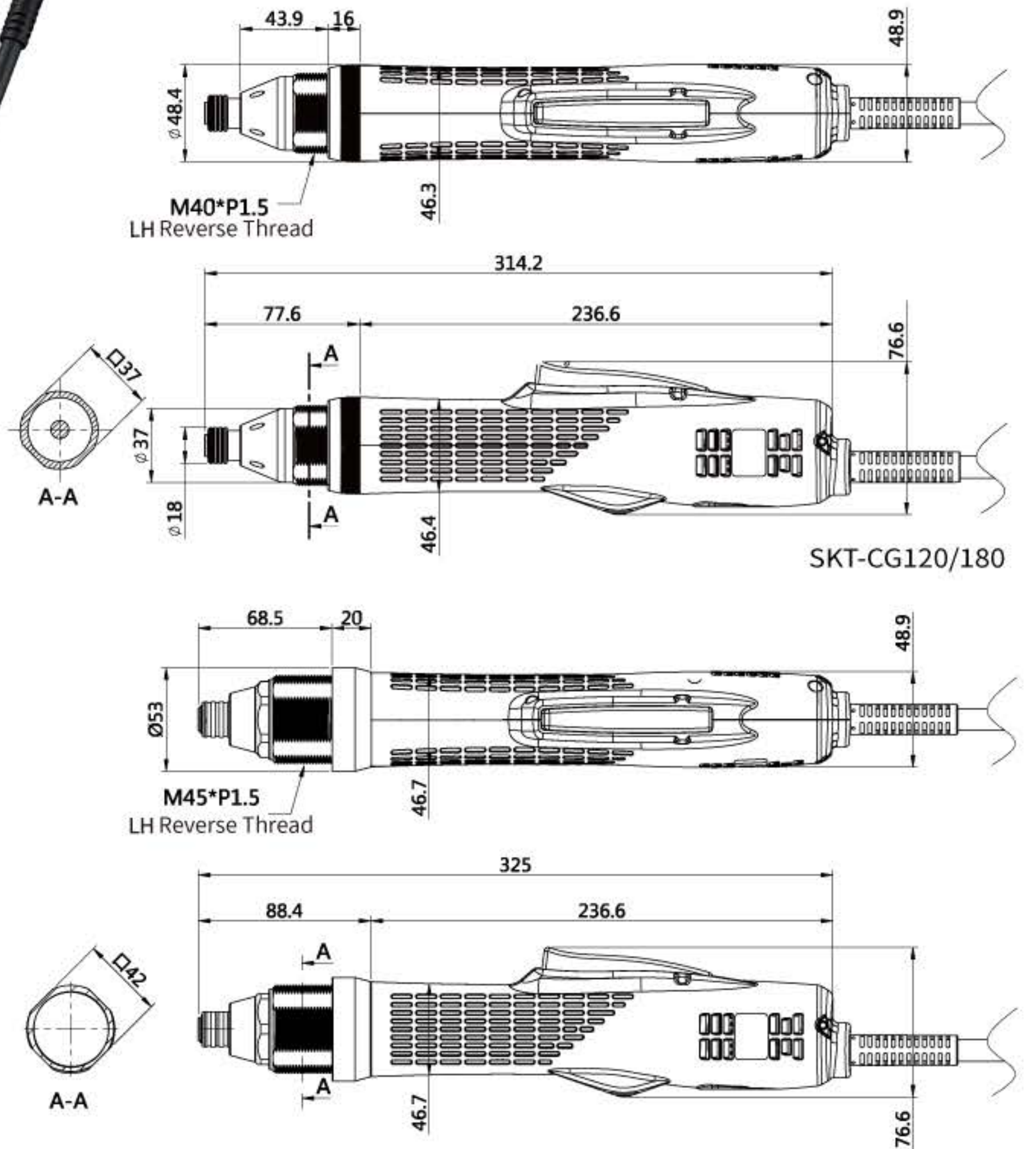


Screwdriver Holder KH-2L





External Dimension



SKT-CG120/180

SKT-CG250
Unit: mm

Specifications

Model	SKT-CG120	SKT-CG180	SKT-CG250	
Input Voltage	DC40V			
Torque	(N.m)	2.4~12	3.6~18	5~25
	(kgf.cm)	24.5~122.4	36.7~183.6	51~254.9
	(Lbf.in)	21.2~106.2	31.9~159.3	44.2~221.2
Repeatable Torque Accuracy(%)	+/- 3sigma / AVG., 7.5%			
Free Speed(r.p.m)	1000~100	600~60	400~40	
Power Consumption	90W			
Weight(g)	1130		1790	
Length(mm)	314		325	
Power Controller	KL-TCG-L			
Bit Type				

※CE、RoHS

Accessories



INTELLIGENT HIGH PRECISION TORQUE TRANSDUCER SCREWDRIVER SERIES



SKT-LCG Series



SKT-LCG 30 / 50 / 70

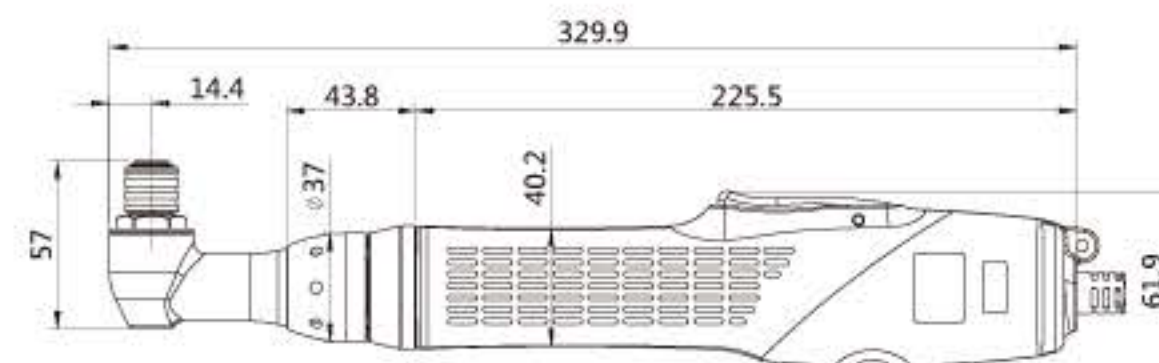
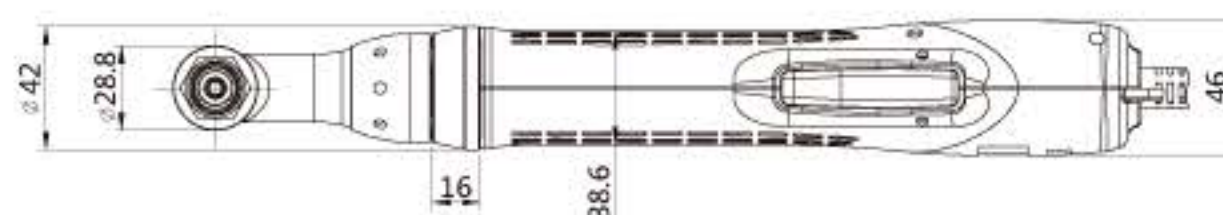


SKT-LCG 120 / 180

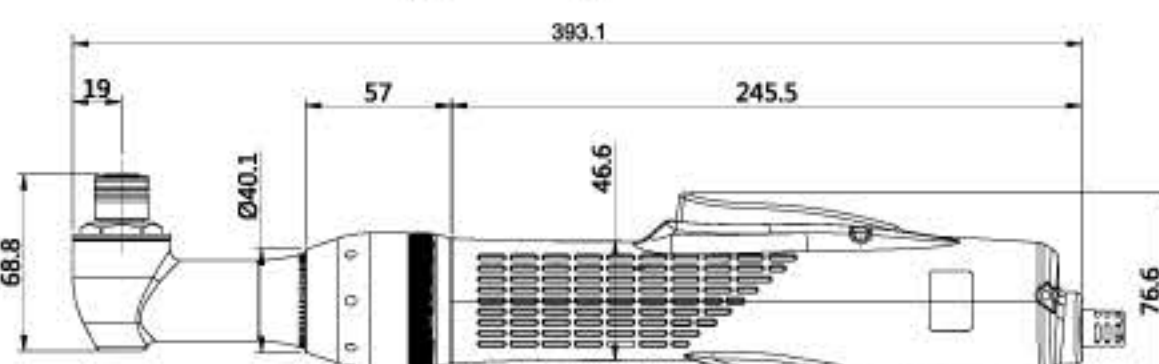
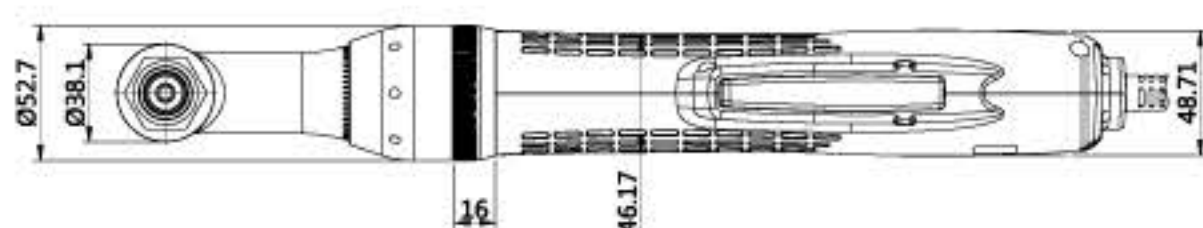


SKT-LCG 250

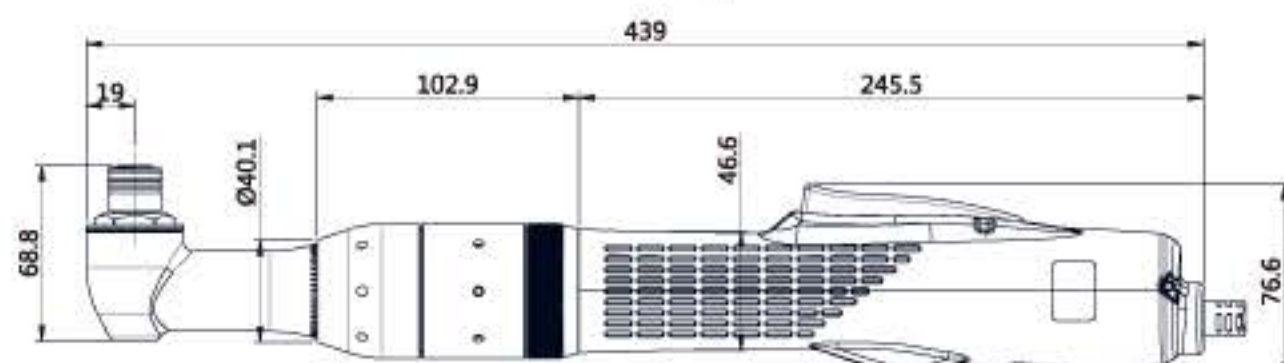
External Dimension



SKT-LCG 30 / 50 / 70



SKT-LCG 120 / 180



SKT-LCG 250

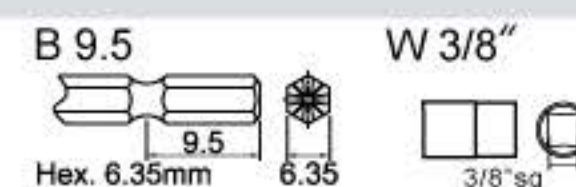
Unit: mm

Specifications

Model	SKT-LCG30	SKT-LCG50	SKT-LCG70	SKT-LCG120	SKT-LCG180	SKT-LCG250	
Input Voltage	DC40V						
Torque	(N.m)	0.6~3	1~5	1.4~7	2.4~12	3.6~18	5~25
	(kgf.cm)	6.11~30.59	10.2~51.00	14.27~71.39	24.5~122.4	36.7~183.6	51~254.9
	(Lbf.in)	5.31~26.55	8.85~44.25	12.39~61.96	21.2~106.2	31.9~159.3	44.25~221.2
Repeatable Torque Accuracy(%)	+/- 3sigma / AVG., 7.5%						
Free Speed(r.p.m)	1100~120	800~80	450~50	750~80	470~40	300~30	
Power Consumption	90W			90W			
Weight(g)	1150			2230		2810	
Length(mm)	330			393		439	
Power Controller	KL-TCG			KL-TCG-L			
Bit Type	B 9.5·W3/8"						

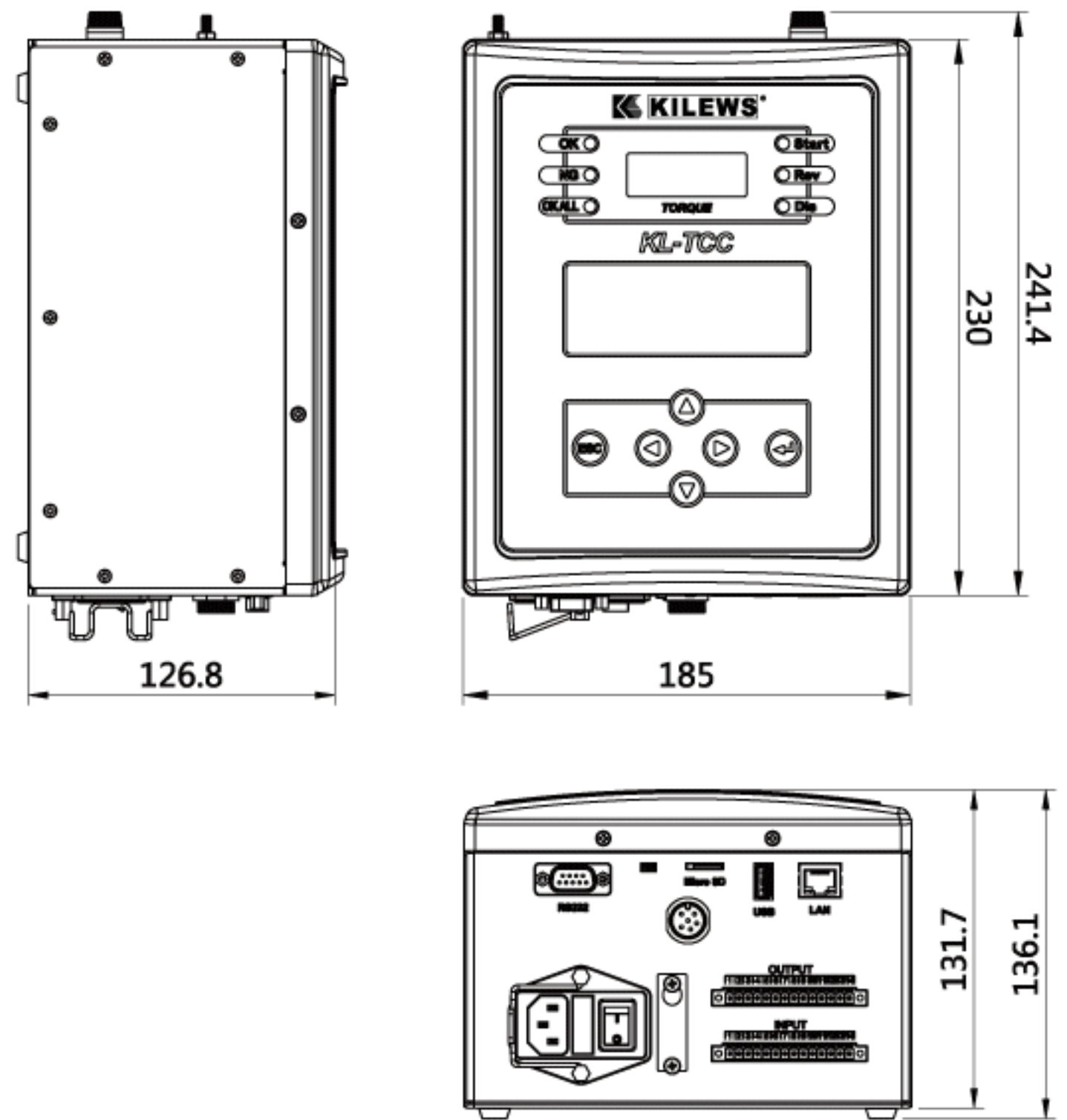
※CE、RoHS

*Lever type only : SKT-LCG30 & LCG50 & LCG70 & LCG120 & LCG180 & LCG250





External Dimension



Unit: mm

KILEWS current control tightening system offers high torque accuracy and repeatability. It allows users to fully control and monitor the entire screw rundown process. Many costly tightening errors such as floating screw, stripped screw, over torquing... etc. can be eliminated. Users can adjust current level to achieve tightening goals with consistent tightening results. Parameters are saved in controller and can be adjusted to optimize tightening process for all kinds of joints. It's compact light weight design makes it easy for long time operation.

Specifications	
Model	KL-TCC
Input Voltage	AC 115V / 230V
Input Frequency	50 - 60Hz
Input Current	6.3A
Output Voltage	DC 40V
Output Current	Max 9A
power consumption	360W
External dimensions	241 x 185 x 127(mm)
Weight	3.46Kg
Applicable Model	SGT-CC Series

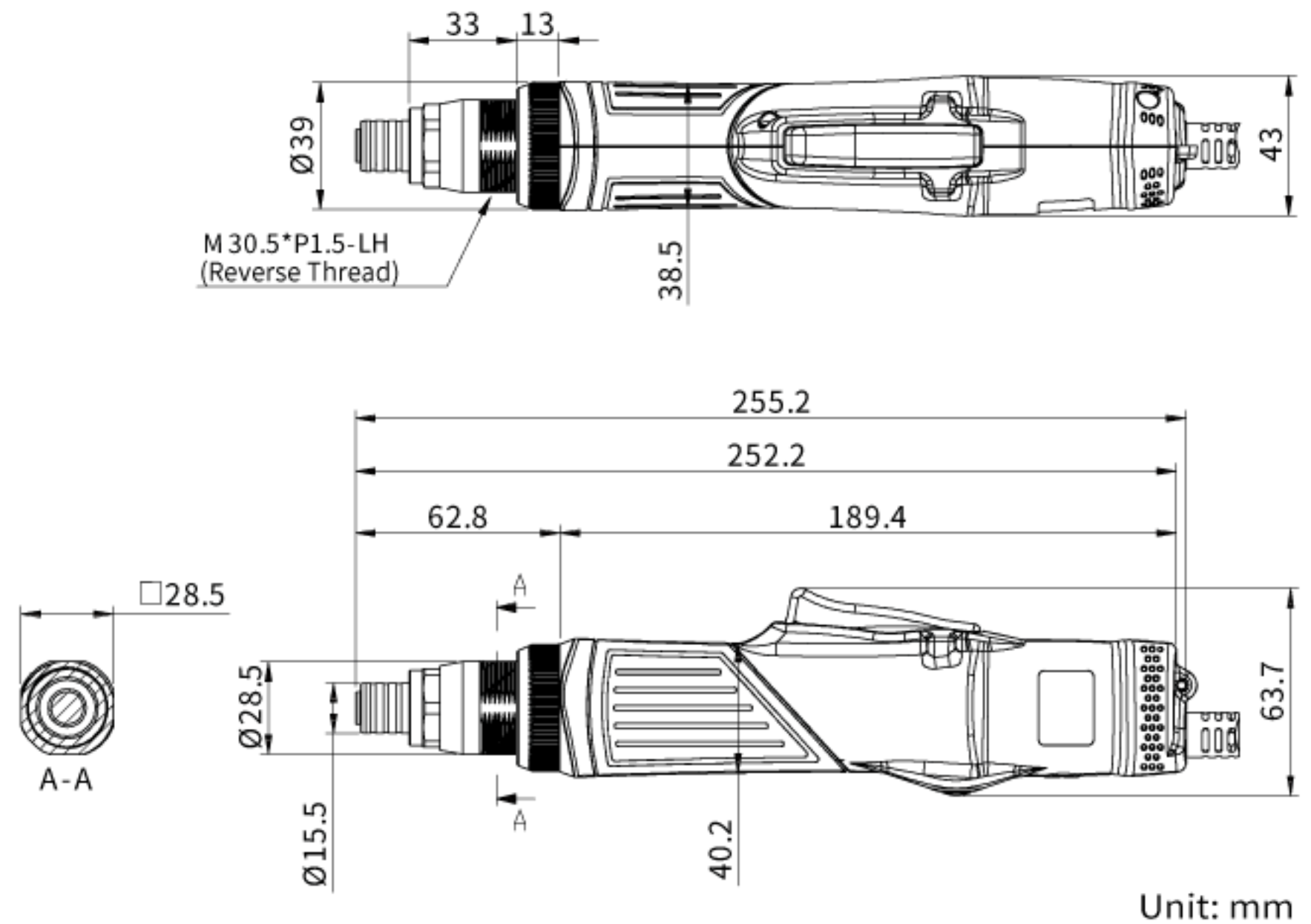
CURRENT CONTROLLED ELECTRIC SCREWDRIVER SERIES



SGT-CC Series



External Dimension



Unit: mm

Accessories

Screwdriver Holder KH-2L



Screwdriver Holder KH-6



※ Specification and design are subject to change without notice.

Specifications

Model	SGT-CC612	SGT-CC620	SGT-CC630F	SGT-CC650	SGT-CC670	
Input Voltage	DC40V					
Torque	(N.m)	0.3~1.2	0.6~2	1~3	1.5~5	2~7
	(kgf.cm)	3.06~12.24	6.12~20.40	10.2~30.60	15.30~51.00	20.40~71.40
	(Lbf.in)	2.66~10.62	5.31~17.70	8.85~26.55	13.28~44.25	17.70~61.96
Repeatable Torque Accuracy(%)	±5%					
Free Speed (r.p.m)	1000~100	1000~100	1700~200	1000~100	800~100	
Power Consumption	90W					
Weight(g)	743					
Length(mm)	255					
Power Controller	KL-TCC					
Bit Type	B 9.5・D				B 9.5	

※CE、RoHS

* Lever type only : SGT-CC612 & CC620 & CC630F & CC650 & CC670

