



### 机型特点 Model feature



伺服电机  
Servo Motor



自由编程  
Free programming



扭矩传感器  
Torque sensor



LED提示灯  
LED prompt light



错误提示  
Error prompt



锁附参数  
Locking parameters



简易安装  
Easy installation



大扭输出  
Big torque output

- 速动无刷伺服电动螺丝刀可实现拧紧装配过程的自由编程。在性能参数范围内，能够根据不同的拧紧工艺要求，自由设定和调节扭矩、转速、等待时间和旋转方向，实现精准的紧固。

Sudong brushless servo electric screwdrivers can realize free programming of the tightening assembly process. Within the performance parameters, it can realize precise fastening, according to different tightening process requirements to set freely, adjusting torque, speed, waiting time and direction of rotation.
- 速动无刷伺服电动螺丝刀基于伺服控制技术，能确保数百万次拧紧装配的扭矩精度控制在标准偏差  $\pm 2.5\%$ 。

Sudong brushless servo electric screwdriver is based on servo control technology, to ensure that the torque accuracy of tightening torque assembly controlled within standard deviation  $\pm 2.5\%$ .
- 通过内置的扭矩传感器和角度传感器可以实现无刷伺服电动螺丝刀在各个拧紧过程中的精确控制，并实时记录所有重要的拧紧过程参数。

Through the built-in torque and rotative angle sensor, it can achieve precise control of the NCS screwdrivers during each tightening process and record all important parameters of tightening process in real time.
- 正常工作状态下，速动无刷伺服电动螺丝刀能够实现  $Cmk \geq 1.67$  (扭矩设定公差  $\pm 10\%$ )，符合ISO 5393 以及6Sigma原则。1.67的Cmk值意味着每百万颗螺丝仅有0.6次的失误率，即合格率高达99.99994%。

Under normal working condition, Sudong brushless servo electric screwdriver can achieve  $Cmk \geq 1.67$  (torque setting tolerance  $\pm 10\%$ ), complying with ISO 5393 and 6Sigma principles. Cmk value of 1.67 means only 0.6 failure rate per million screws, that is the qualified rate is as high as 99.99994%.
- 速动无刷伺服电动螺丝刀采用无刷电机，配合SD-X7-8-S控制器，确保拧紧工艺的灵活性和过程可靠性。

Sudong brushless servo electric screwdriver adopts brushless motor, supplied with SD-X7-8-S controller, to ensure the flexibility of tightening technique and reliability of tightening process.
- 内置电流和角度测量可以实现对速动无刷伺服电动螺丝刀在各个拧紧过程中的精确控制和监测，实现记录所有重要的拧紧过程参数，并确保最高精度。

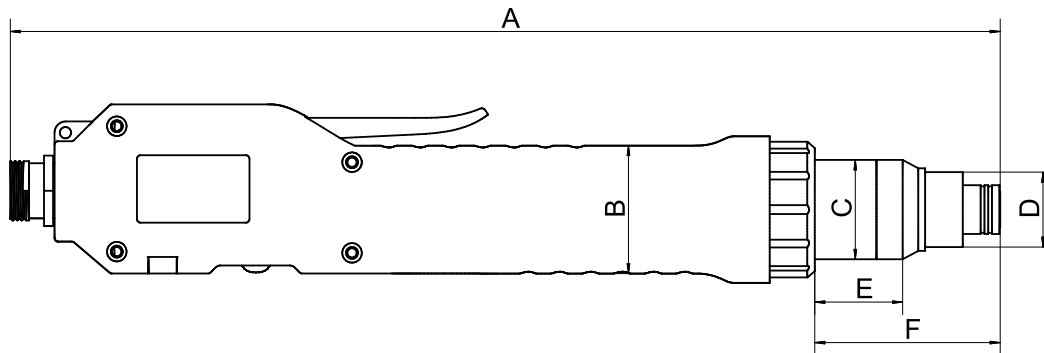
Built-in current and rotative angle measurements can realize precise control and monitoring of Sudong brushless servo electric screwdrivers during each tightening process, record all important parameters of tightening process, and ensure the highest accuracy.

# 智能伺服扭矩传感器手按式

Intelligent Servo Torque Transducer Hand Press Type



## 外观尺寸 Physical dimension



型号 Model	A	B	C	D	E	F
SD-NC100L-SB-X7 SD-NC200L-SB-X7 SD-NC350L-SB-X7 SD-NC500L-SB-X7	300	40	32	M20	16	48
SD-NC600L-SB-X7 SD-NC1000L-SB-X7 SD-NC1500L-SB-X7 SD-NC2500L-SB-X7 SD-NC4000L-SW-X7 SD-NC6500L-SW-X7	355 360	45	41	- -	68 74	96 102

## 技术参数 Technical parameters

型号Model 手按式 Hand press	扭力范围 Torque Range		空载转速 No load speed (r. p. m)	输入电压 Input voltage	重量 Weight (g)	标准批头 Screw Bit	
	kgf.cm	N.m					
SD-NC100L-SB-X7	1-10	0.1-1	50-1000	30V	650	1/4-Hex	
SD-NC200L-SB-X7	2-20	0.2-2	50-1000			1/4-Hex	
SD-NC350L-SB-X7	5-35	0.5-3.5	50-650			1/4-Hex	
SD-NC500L-SB-X7	5-45	0.5-4.5	50-650			1/4-Hex	
SD-NC600L-SB-X7	10-60	1-6	50-650		1400	1/4-Hex	
SD-NC1000L-SB-X7	20-100	2-10	50-450			1/4-Hex	
SD-NC1500L-SB-X7	30-150	3-15	50-300			1/4-Hex	
SD-NC2500L-SB-X7	50-250	5-25	50-200			1500	1/4-Hex
SD-NC4000L-SW-X7	90-400	9-40	50-130				3/8-Hex
SD-NC6500L-SW-X7	130-650	13-65	50-100				3/8-Hex

可选输出端起子头规格  
Optional specification of screwdriver bits