



机型特点 Model feature



伺服电机
Servo Motor



自由编程
Free programming



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

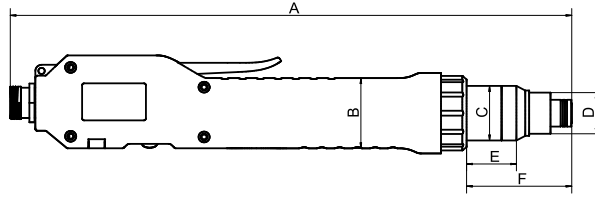
- 速动无刷伺服电动螺丝刀可实现拧紧装配过程的自由编程。在性能参数范围内，能够根据不同的拧紧工艺要求，自由设定和调节扭矩、转速、等待时间和旋转方向，实现精准的紧固。
Sudong brushless servo electric screwdrivers can realize free programming of the tightening assembly process. Within the performance parameters, it can realize precise fastening, according to different tightening process 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 $\pm 5\%$ 。
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 $\pm 5\%$.
- 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-X7-16S-A或SD-X7-16L-A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-X7-16S-A or SD-X7-16L-A 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 rotatuve 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.
- 采用无刷伺服电机显著降低了运行成本，从而获得长寿命使用周期，同时确保稳健的动力性能和扭矩峰值输出，是客户理想的数控拧紧装配工艺选择。
The adoption of brushless servo motors significantly reduce the running costs, thus obtain long life of usage cycle. Meanwhile, ensure robust power performance and peak torque output. It is the ideal choice for NC tightening assembly technique to clients.

智能伺服电流控扭手按式

Intelligent servo current torque controlled hand press



外观尺寸 Physical dimension

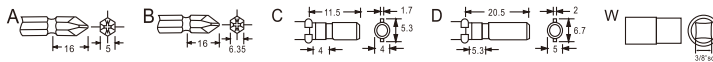


型号 Model	A	B	C	D	E	F
SD-NC08L-AC-X7 SD-NC30L-AC-X7 SD-NC60L-AC-X7	227	28	22.5	M18	5.5	36.5
SD-NC120L-AD-X7	264	34	26.5	M20	8.5	34.5
SD-NC100L-AB-X7 SD-NC200L-AB-X7 SD-NC350L-AB-X7 SD-NC500L-AB-X7	300	40	32	M20	16	48
SD-NC700L-AB-X7 SD-NC1000L-AB-X7 SD-NC1500L-AB-X7 SD-NC2500L-AB-X7 SD-NC4000L-AW-X7 SD-NC6500L-AW-X7	312 318	45	39	-	29 35	54 60

技术参数 Technical parameters

型号 Model	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-NC08L-AC-X7	0.1-0.8	0.01-0.08	50-1200	48V	260	Ø4mm
SD-NC30L-AC-X7	0.1-3	0.01-0.3	50-2000			Ø4mm
SD-NC60L-AC-X7	0.5-6	0.05-0.6	50-1200			Ø4mm
SD-NC120L-AD-X7	1-12	0.1-1.2	50-1200		430	Ø5mm
SD-NC100L-AB-X7	1-10	0.1-1	50-2000		780	1/4-Hex
SD-NC200L-AB-X7	2-20	0.2-2	50-1600			1/4-Hex
SD-NC350L-AB-X7	5-35	0.5-3.5	50-800			1/4-Hex
SD-NC500L-AB-X7	5-50	0.5-5	50-500			1/4-Hex
SD-NC700L-AB-X7	10-70	1-7	50-1000		1200	1/4-Hex
SD-NC1000L-AB-X7	20-100	2-10	50-1000			1/4-Hex
SD-NC1500L-AB-X7	30-150	3-15	50-800			1/4-Hex
SD-NC2500L-AB-X7	50-250	5-25	50-500		1300	1/4-Hex
SD-NC4000L-AW-X7	90-400	9-40	50-300			3/8-Hex
SD-NC6500L-AW-X7	130-650	13-65	50-200			3/8-Hex

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





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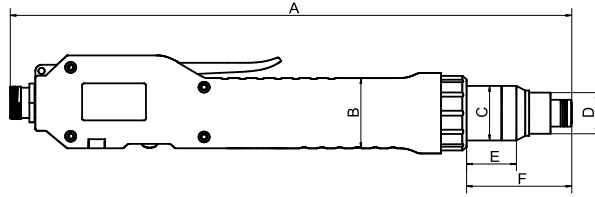
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