



好幫手低壓直流電動起子氣吸式電動起子

瑞士馬達保證3年1000萬次
3C產業最佳選用



Low voltage DC electric screwdrivers / Vacuum pick up electric screwdrivers

低壓直流馬達驅動型 (附電源控制器)

Low voltage DC motor driving (with controller)



可訂製ESD防靜電型

ESD type is available for ordering.



特點 Feature

- 瑞士原裝低價量、低衝擊、低鬆動馬達
瑞士專利馬達耗電、衝擊、價量只有市售馬達1/10。對細小螺絲扭力精準度以及防止螺絲鬆動,特別有效。
- 無碳粉溢出設計馬達適用於3C產業
超薄、超輕多功能,為電子產業設計主流,電子產品均內藏IC設計,而一般市售馬達均有碳粉溢出污染。所以一般無碳粉電動起子無法適用於電子無塵環境。
- 超迷你精準耐用長壽命設計
直徑 ϕ 26mm全長158mm世界最小體積,重量只有187g、耗電6W,全機六只傳動軸承,徹底降低機械磨耗,更能提高扭力精準度及降低起子頭搖擺度。
- 終生使用設計,一支抵用他牌數支
三年1000萬次以上終生耐用性設計,瑞士馬達至少可連續運轉2萬小時(約可使用10年以上)。並搭配長壽命設計可達1000萬次白金熱車開關裝置。

- Its motor, made and imported from Switzerland, is characterized with low inertia and low impact.
(Switzerland patented motor, its power consumption, impact and insert momentum are 1/10 of the conventional motors.) Very effective for tightening the fine screws with precise torque and loosening free.
- Its motor does not generate any carbon particle over flow, so its motor is suitable to be used in the 3C industry.
The electronic products will become thinner, lightweight and multifunctional; most electronic products have one or more IC components. Other brands of motors on the market are not suitable to be used in the 3C industry because they generate carbon particles.
- The electric screwdriver is very compact, accurate and durable.
The tiniest volume in the world with diameter ϕ 26mm, overall length, 158mm and weight, 187g and power consumption, 6W. This tool is outfitted with 6 propellant shafts in an attempt to reduce the mechanical friction and tip vibration to the minimum and improve the torque precision to the maximum.
- The electric screwdriver can last through a lifetime; it outlasts several electric screwdrivers of other brand.
The everlasting durability is designed with 10 million times in use in three years (The Switzerland patented motor permits continued operation at least 20,000 hours (about 10 years operation). The service life of the contact point withstands 10 million on and off contacts.

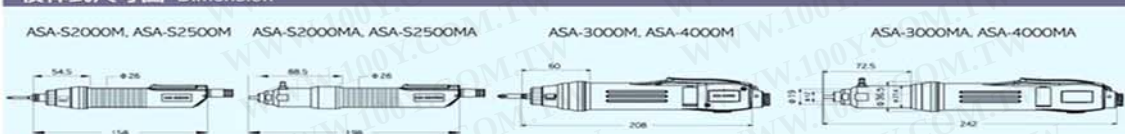
槓桿式 Lever start type

機種名 Model No.	輸出扭力範圍 Torque range		無載轉速 No Load Speed (rpm)	適用螺絲 Available screw	
	kgf-cm	lbf-in		機械牙徑 Machine screw ϕ	自攻牙徑 Tapping screw ϕ
ASA-S2000M	0.3 ~ 2.0	0.26 ~ 1.7	1000	1.0 ~ 2.2mm / 0.04 ~ 0.09in	1.0 ~ 2.0mm / 0.04 ~ 0.08in
ASA-S2000MA	0.3 ~ 2.0	0.26 ~ 1.7	1000	1.0 ~ 2.2mm / 0.04 ~ 0.09in	1.0 ~ 2.0mm / 0.04 ~ 0.08in
ASA-S2500M	0.4 ~ 3.0	0.35 ~ 2.6	650	1.0 ~ 2.6mm / 0.04 ~ 0.10in	1.0 ~ 2.0mm / 0.04 ~ 0.08in
ASA-S2500MA	0.4 ~ 3.0	0.35 ~ 2.6	650	1.0 ~ 2.6mm / 0.04 ~ 0.10in	1.0 ~ 2.0mm / 0.04 ~ 0.08in
ASA-3000M	0.5 ~ 5.0	0.43 ~ 4.3	1000	1.0 ~ 2.6mm / 0.04 ~ 0.10in	1.0 ~ 2.3mm / 0.04 ~ 0.09in
ASA-3000MA	0.5 ~ 5.0	0.43 ~ 4.3	1000	1.0 ~ 2.6mm / 0.04 ~ 0.10in	1.0 ~ 2.3mm / 0.04 ~ 0.09in
ASA-4000M	1.0 ~ 6.0	0.87 ~ 5.2	1000	1.4 ~ 2.6mm / 0.06 ~ 0.10in	1.4 ~ 2.3mm / 0.06 ~ 0.09in
ASA-4000MA	1.0 ~ 6.0	0.87 ~ 5.2	1000	1.4 ~ 2.6mm / 0.06 ~ 0.10in	1.4 ~ 2.3mm / 0.06 ~ 0.09in

適用電源控制器 Available controller

外觀 Outline	機種名 Model No.	工作電壓(AC) Operating vol.	輸出電壓(DC) Output vol.	體積(mm) Dimension	重量(g/lb) Weight	可操作起子數 Drivable	安規認可 Approval by
	APM-30	90 ~ 260V	30V	80 x 55 x 48	200 / 0.4	1 screwdriver	CE
	A3	115V / 230V	24 ~ 30V	145 x 100 x 58	1830 / 4.0	1 screwdriver	
	AP3	115V / 230V	24 ~ 30V	200 x 120 x 94	2998 / 6.6	1 screwdriver	

槓桿式尺寸圖 Dimension



工作電壓 Power Source

扭力精度 Torque Accuracy

扭力調整 Torque Setting

重量 Weight

長度 Length

握持直徑 Grip diameter

適用起子頭 (選購品)

Available bit size (optional)

30VDC

極精準 High precision

無段式 Stepless

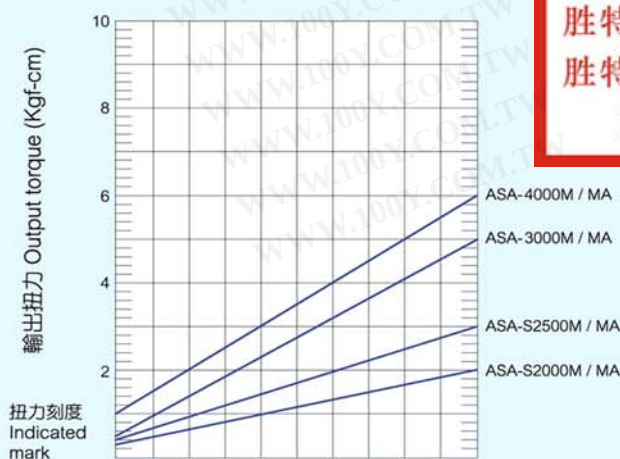
迷你型 Mini type 187 / 290g, 標準型 Standar type 380 / 430g

迷你型 Mini type 158 / 198mm, 標準型 Standar type 200 / 236mm

迷你型 Mini type 26mm, 標準型 Standar type 33.5mm

ϕ 4, 6.35(1/4") 六角對邊 hex shank

輸出扭力曲線表 Torque Curve



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