

5001# SM45 內藏式搪銑主軸頭(專利號碼:M567147) Built-in Motor Spindle Unit (Patent No.M567147)

規格	Model	SM45		SM45H	
主軸	Spindle	NT30			
最高轉速	Max. RPM	2500		8000	
軸承	Bearing	6009 / 32009 6007 / 32007		7009x2 7007x2	
電壓	Voltage	220V	380V	220V	380V
電流	Current	6.6A	3.8A	5.4A	3.2A
頻率	Frequency	84 Hz		267 Hz	
額定功率	Power	1.5Kw			
冷卻方式	Coolant	油冷(oil cooling)			
真圓度	Roundness	Within 0.003mm內			

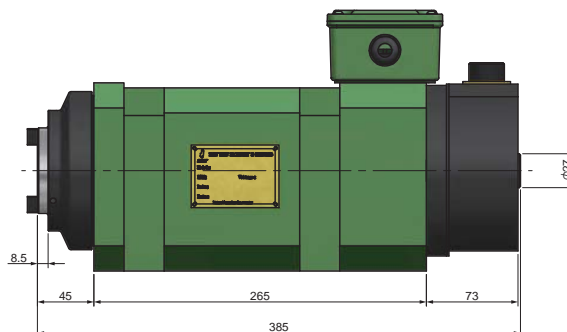
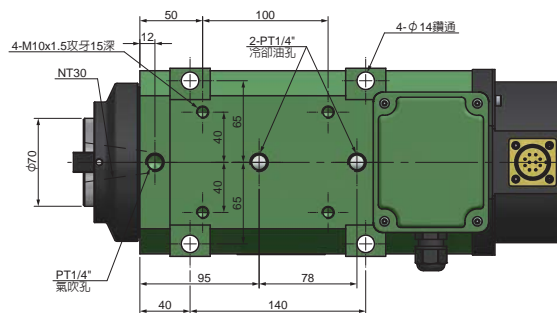
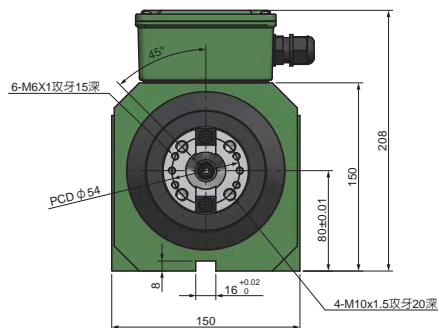
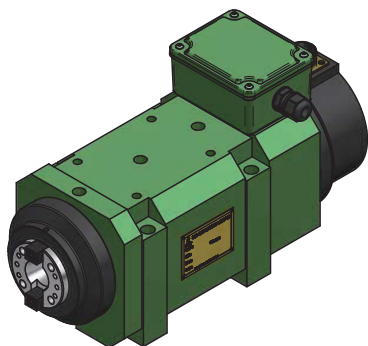
★出廠附精度檢驗表

標準含變頻器 (Driver included)

SM45-NT30
SM45H-NT30

重量	Weight	45 kg
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- A. 標準含變頻器(不含編碼器)：一般主軸運轉,無補償。
- B. 含變頻器和編碼器(中階)：轉速可控制,扭力補償,無法做定位,低速運轉欠佳。
- C. 含變頻器和編碼器(高階)：轉速可控制,扭力補償,定位準,低速運轉自動補償佳。





HARDY

5002# SM55 內藏式搪銑主軸頭(專利號碼:M567147) Built-in Motor Spindle Unit (Patent No.M567147)

規格	Model	SM55		SM55H	
主軸	Spindle	NT40			
最高轉速	Max. RPM	2000		6000	
軸承	Bearing	32011 / 6011Z 32008 / 6008Z		7011x2 7008x2	
電壓	Voltage	220V	380V	220V	380V
電流	Current	7.9A	4.5A	8A	4.6A
頻率	Frequency	66.6 Hz		200 Hz	
額定功率	Power	2.2Kw			
冷卻方式	Coolant	油冷(oil cooling)			
真圓度	Roundness	Within 0.003mm內			

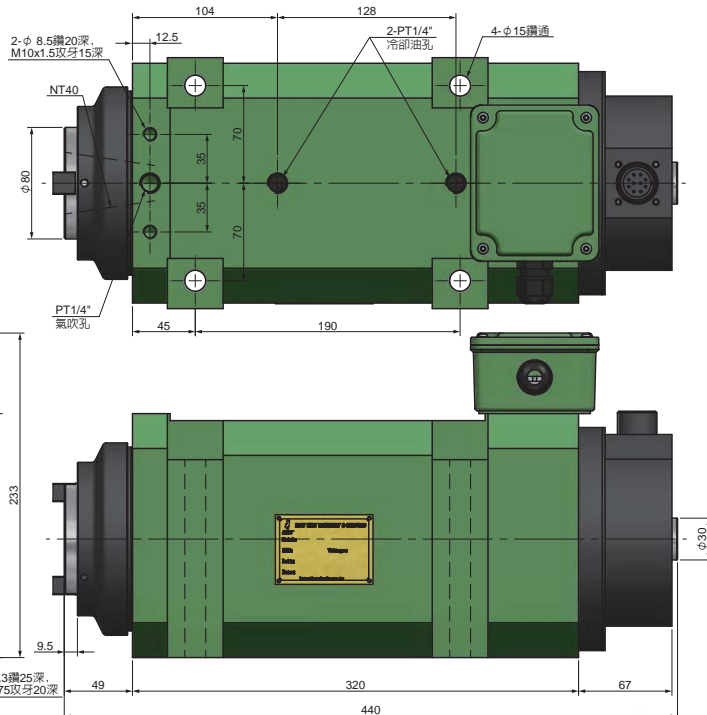
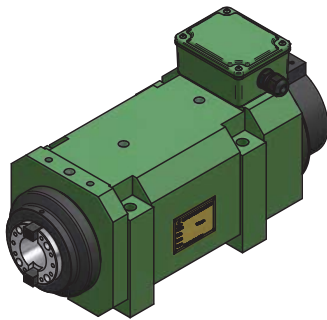
★出廠附精度檢驗表

標準含變頻器 (Driver included)
不含冷卻系統 (Oil cooler not included)

SM55-NT40
SM55H-NT40

重量	Weight	69 kg
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- A. 標準含變頻器(不含編碼器)：一般主軸運轉,無補償。
- B. 含變頻器和編碼器(中階)：轉速可控制,扭力補償,無法做定位,低速運轉欠佳。
- C. 含變頻器和編碼器(高階)：轉速可控制,扭力補償,定位準,低運轉自動補償佳。



5003# SM80 內藏式搪銑主軸頭(專利號碼:M567147) Built-in Motor Spindle Unit (Patent No.M567147)

規格	Model	SM80		SM80H	
主軸	Spindle	NT50			
最高轉速	Max. RPM	1500		3500	
軸承	Bearing	32216 / 6216 32213 / 6213		7216x2 7213x2	
電壓	Voltage	220V	380V	220V	380V
電流	Current	13.3A	7.7A	13.1A	7.5A
頻率	Frequency	40		83.3	
額定功率	Power	3.7Kw			
冷卻方式	Coolant	油冷(oil cooling)			
真圓度	Roundness	Within 0.003mm內			

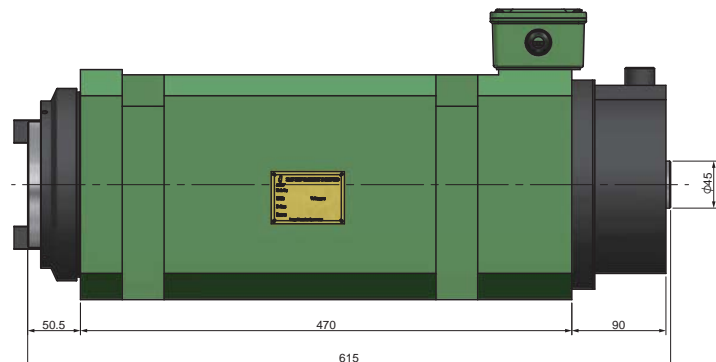
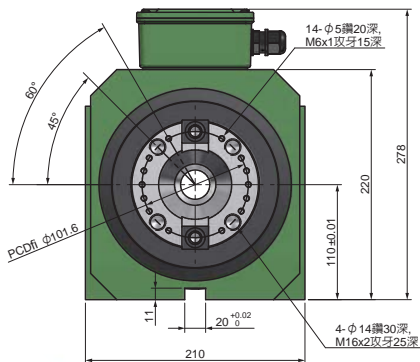
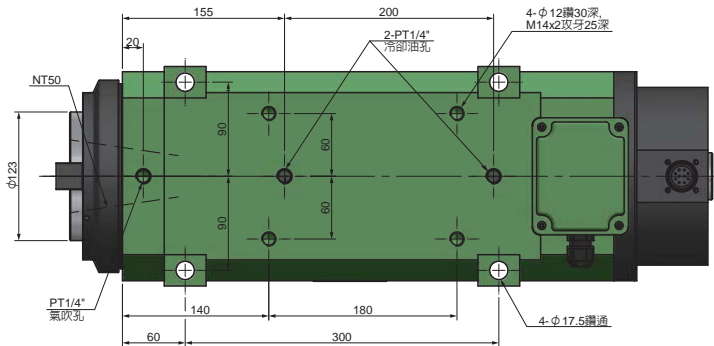
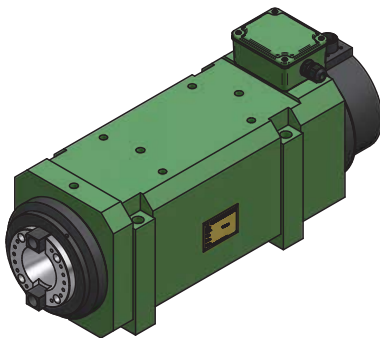
★出廠附精度檢驗表

標準含變頻器 (Driver included)
不含冷卻系統 (Oil cooler not included)

SM80-NT50
SM80H-NT50

重量	Weight	95 kg
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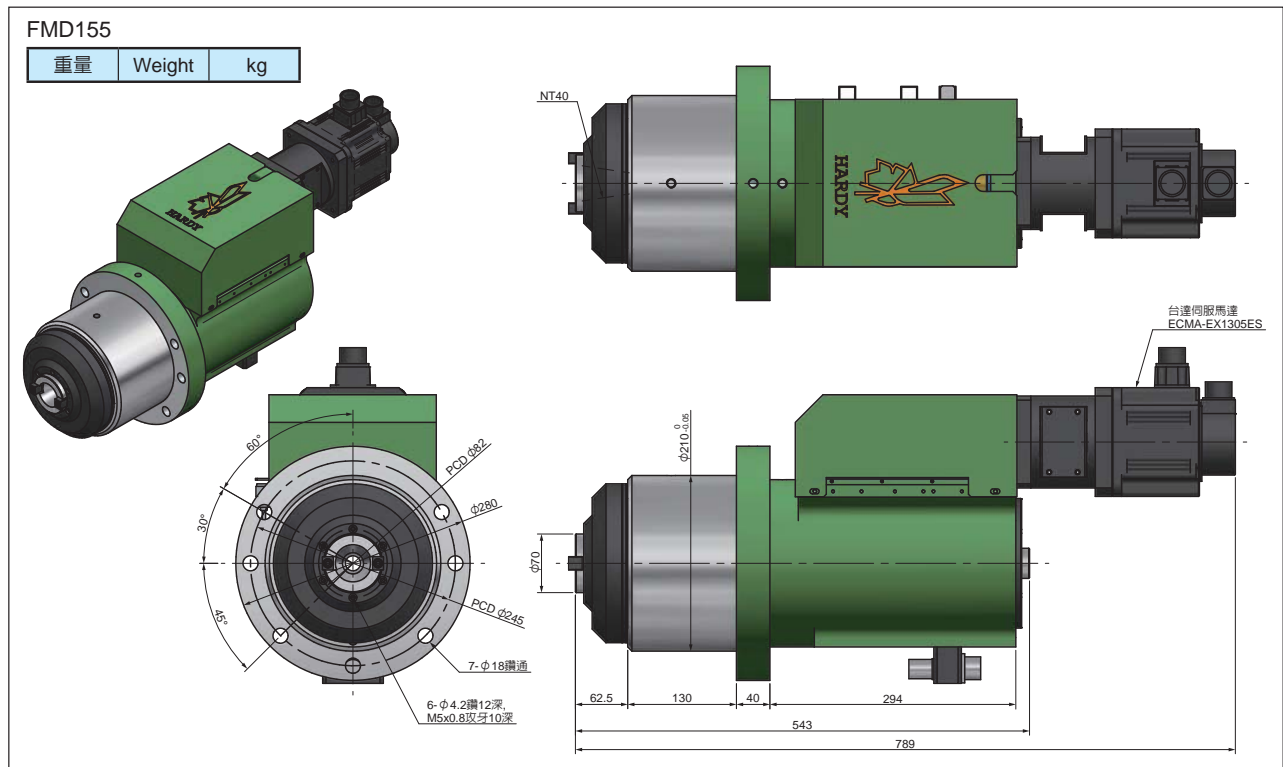
- A. 標準含變頻器(不含編碼器)：一般主軸運轉,無補償。
- B. 含變頻器和編碼器(中階)：轉速可控制, 扭力補償, 無法做定位, 低速運轉欠佳。
- C. 含變頻器和編碼器(高階)：轉速可控制, 扭力補償, 定位準, 低速運轉自動補償佳。





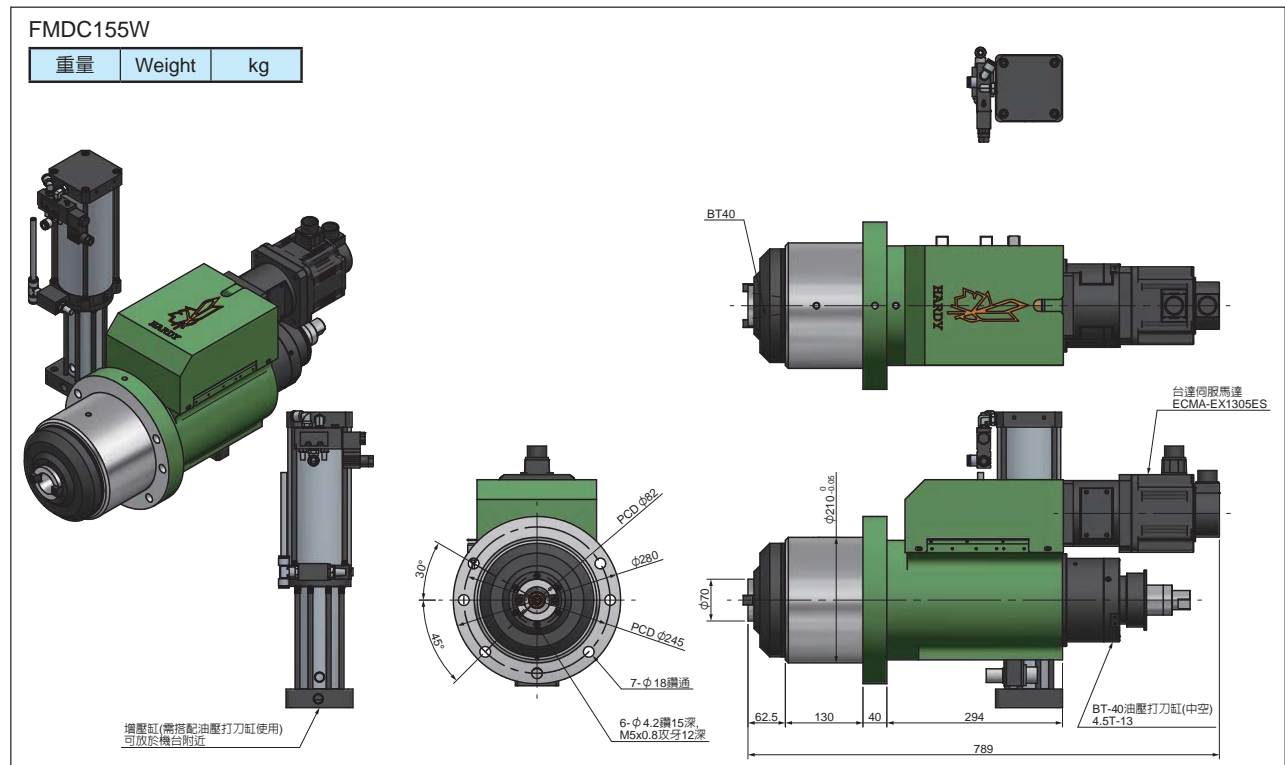
5004# FMD155 水車內藏式鑽孔/攻牙動力頭 Built-in Motor Drilling/Tapping Spindle Unit - Flange Type

規格	Model	FMD155			
鑽孔 / 攻牙能力	Drilling / Tapping Capacity(S45C)	φ 30 / M24			
最大行程	Max. Stroke	120mm			
最高轉速	Max. RPM	2500			
額定功率	Power	3.7Kw			
主軸軸承	Spindle Bearing	6213 / 32213 6008 / 32008			
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7205x2			
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC32x48x8			
前蓋油封	Front Cover Seal	LBH155			
前蓋O型環	Front Cover O-ring	G155			
活塞O型環	Piston O-ring	P155x2			
滾珠螺桿	Ball screw	φ 32x5xC5			
電壓	Voltage	220V(2000rpm)	380V(2000rpm)	220V(2500rpm)	380V(2500rpm)
電流	Current	15A	8.7A	15.2A	8.8A
頻率	Frequency	67Hz	67Hz	83Hz	83Hz
冷卻方式	Coolant	油冷(oil cooling)			



5005# FMDC155W 水車內藏式鑽孔/攻牙動力頭(自動換刀+中心出水) Built-in Motor Drilling/Tapping Spindle (ATC + Center Coolant)

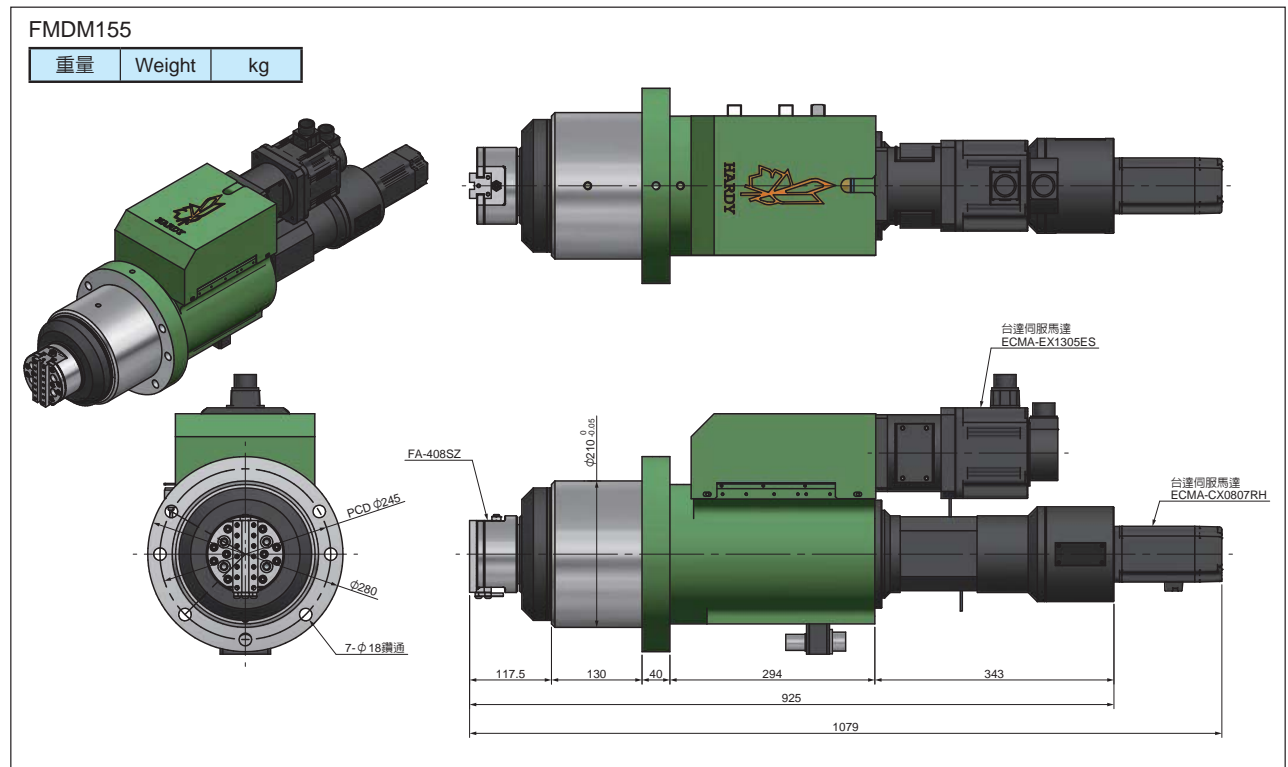
規格	Model	FMDC155W			
鑽孔 / 攻牙能力	Drilling / Tapping Capacity(S45C)	φ 30 / M24			
最大行程	Max. Stroke	120mm			
最高轉速	Max. RPM	2500			
額定功率	Power	3.7Kw			
主軸軸承	Spindle Bearing	6213 / 32213 6008 / 32008			
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7205x2			
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC32x48x8			
前蓋油封	Front Cover Seal	LBH155			
前蓋O型環	Front Cover O-ring	G155			
活塞O型環	Piston O-ring	P155x2			
滾珠螺桿	Ball screw	φ 32x5xC5			
電壓	Voltage	220V(2000rpm)	380V(2000rpm)	220V(2500rpm)	380V(2500rpm)
電流	Current	15A	8.7A	15.2A	8.8A
頻率	Frequency	67Hz	67Hz	83Hz	83Hz
冷卻方式	Coolant	油冷(oil cooling)			





5006# FMDM155 水車內藏式展刀動力頭 Built-in Motor Facing Head Unit - Flange Type

規格	Model	FMDM155			
最大行程	Max. Stroke	120mm			
最高轉速	Max. RPM	1600			
額定功率	Power	3.7Kw			
主軸軸承	Spindle Bearing	6213 / 32213 6008 / 32008			
前蓋油封	Front Cover Seal	LBH155			
活塞O型環	Piston O-ring	P155x2			
進給螺桿	Spindle Feeding Ball Screw	φ32x5xC5			
展刀螺桿	Facing Head Slider Ball Screw	φ20x5xC5			
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7205x2			
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC32x48x8			
展刀軸承座軸承	Bearing Of Facing Head	7203x2			
展刀搪溝頭	Single-Slide Facing Head	FA-408			
滑座行程	Slider Stroke	8mm			
電壓	Voltage	220V(2000rpm)	380V(2000rpm)	220V(2500rpm)	380V(2500rpm)
電流	Current	15A	8.7A	15.2A	8.8A
頻率	Frequency	67Hz	67Hz	83Hz	83Hz
冷卻方式	Coolant	油冷(oil cooling)			

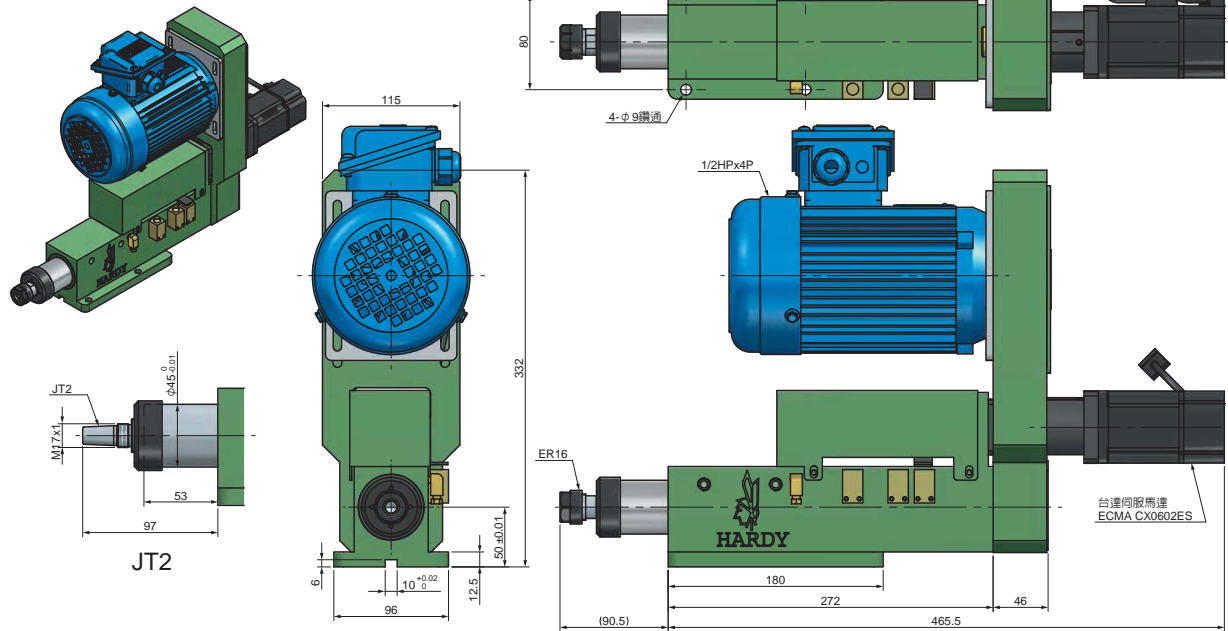




5007# SSD03-60 伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo Type

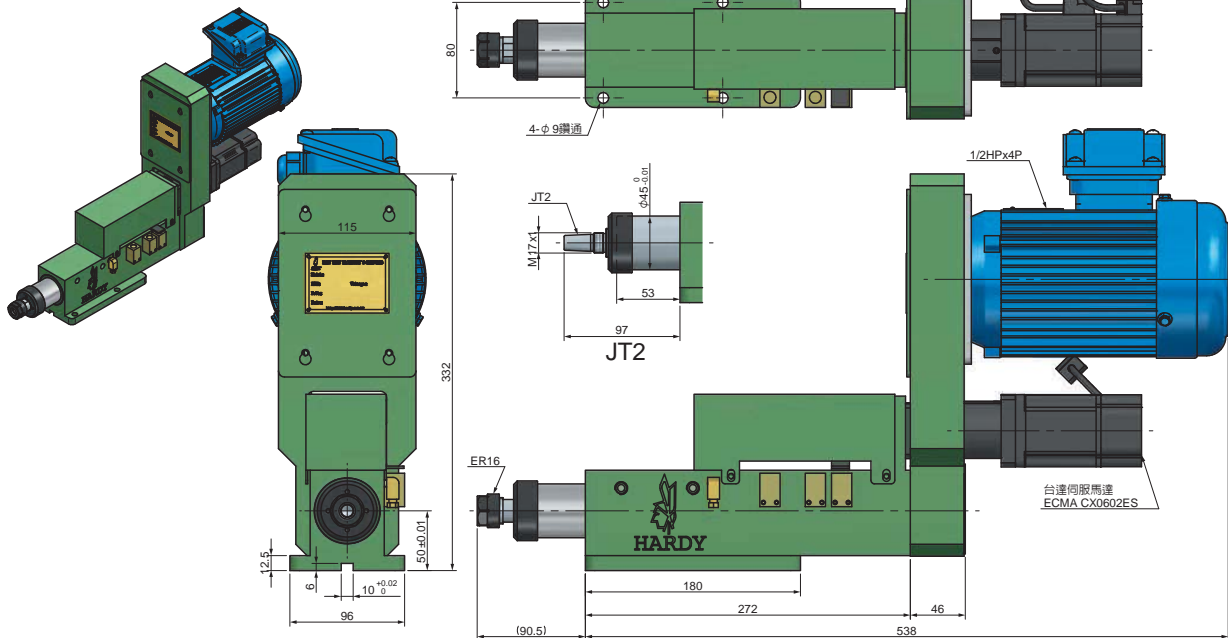
SSD03-60-ER16-MF
SSD03-60-JT2-MF

重量	Weight	24 kg
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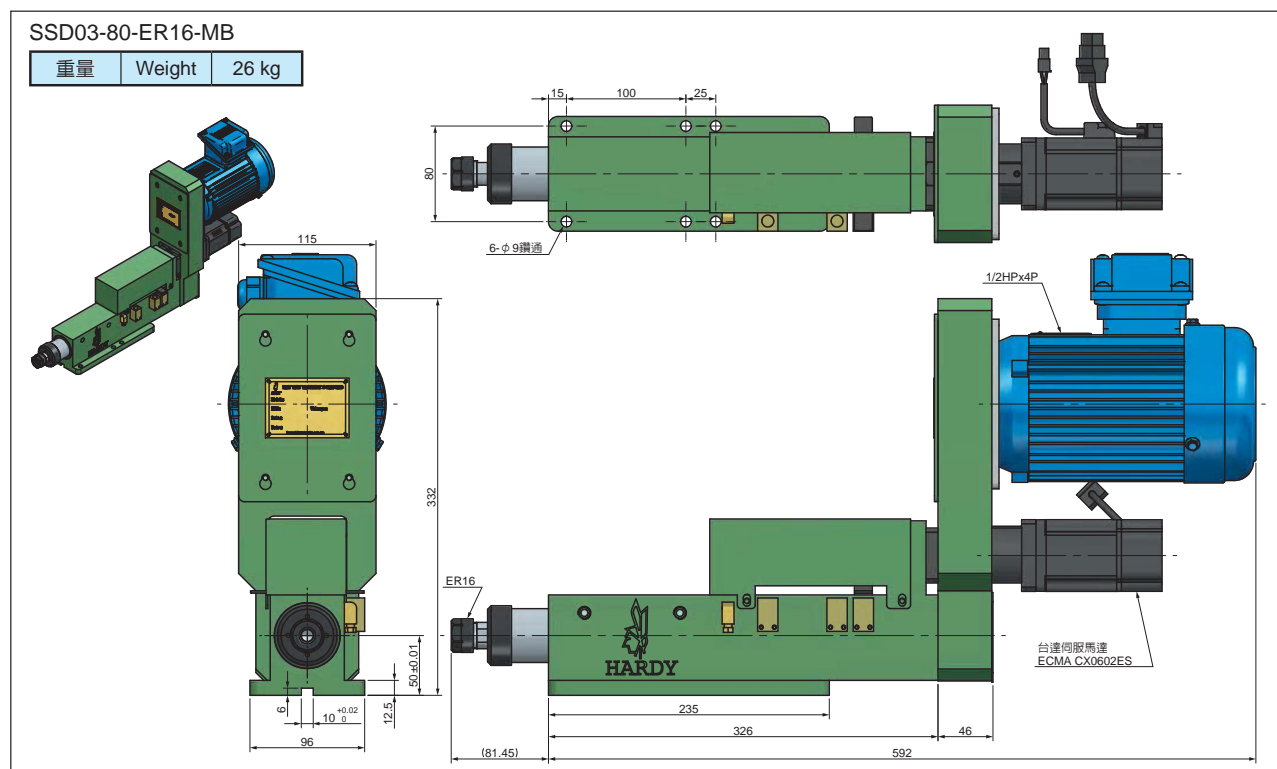
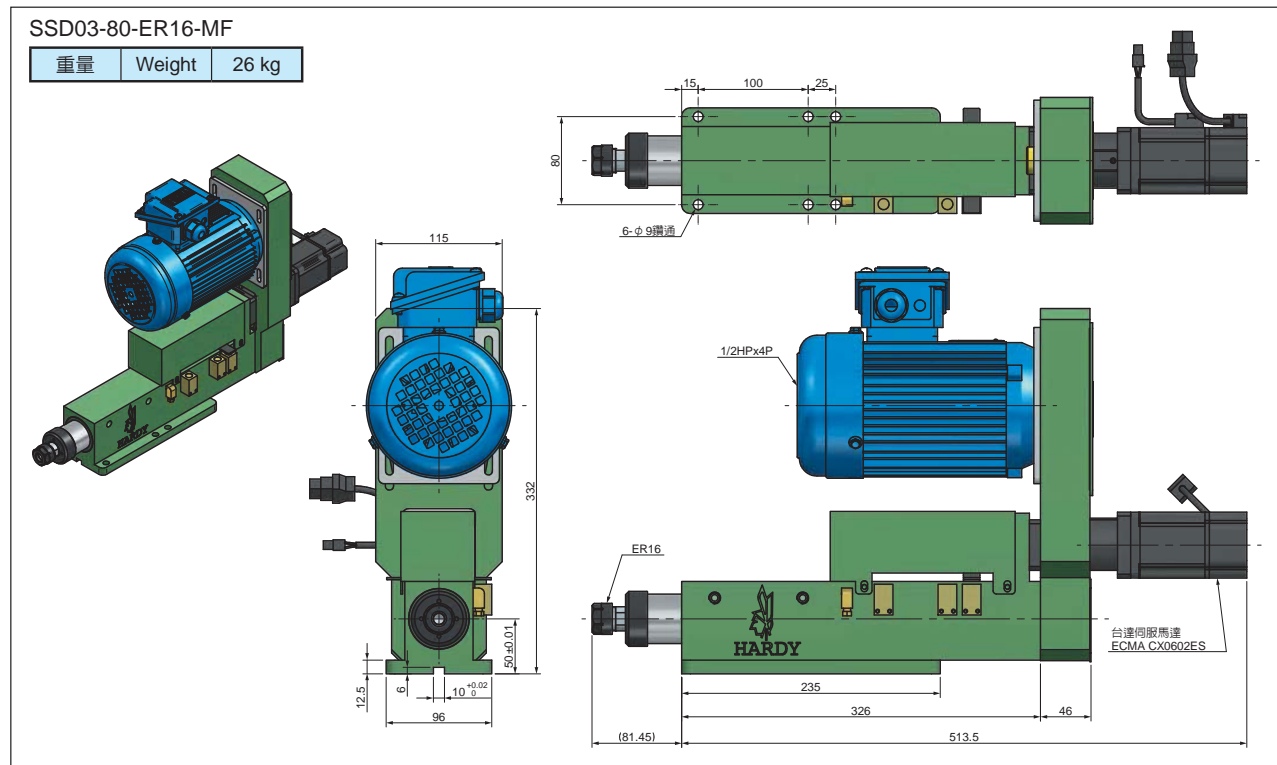


SSD03-60-ER16-MB
SSD03-60-JT2-MB

重量	Weight	24 kg
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5007# SSD03-80 伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo Type

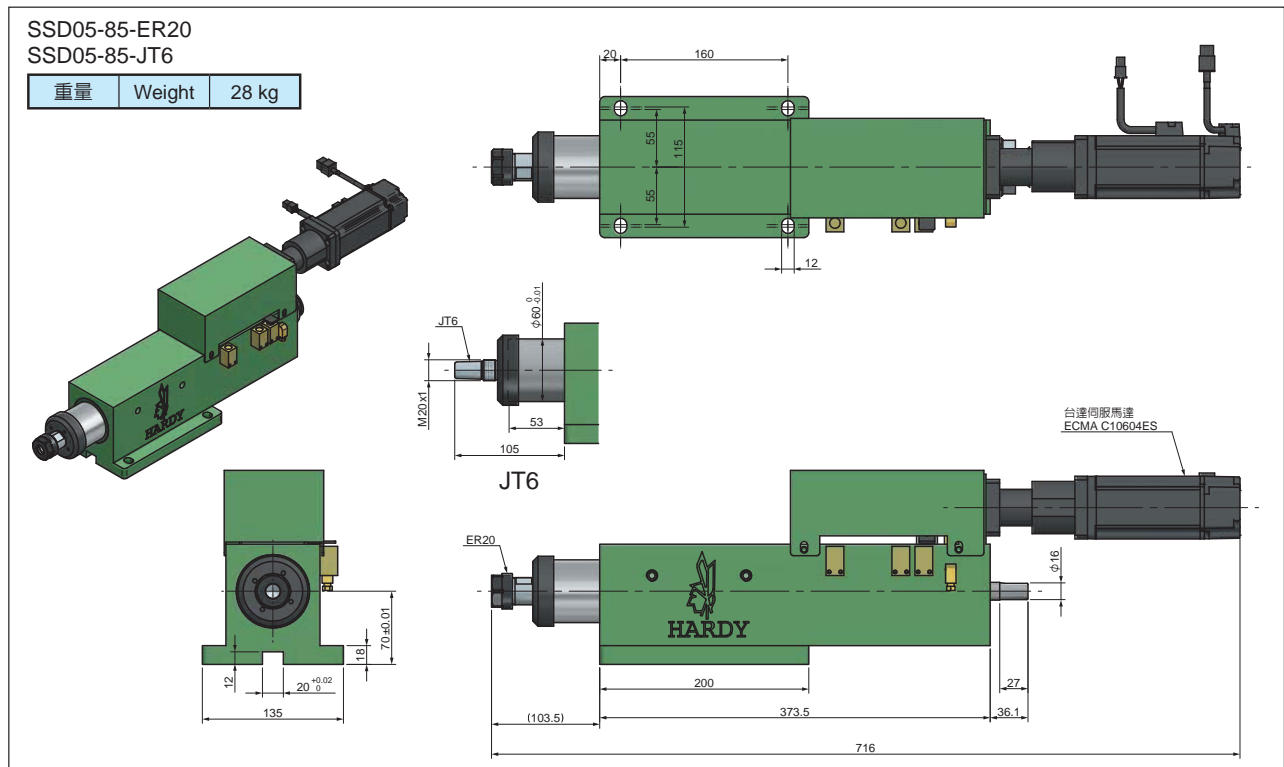




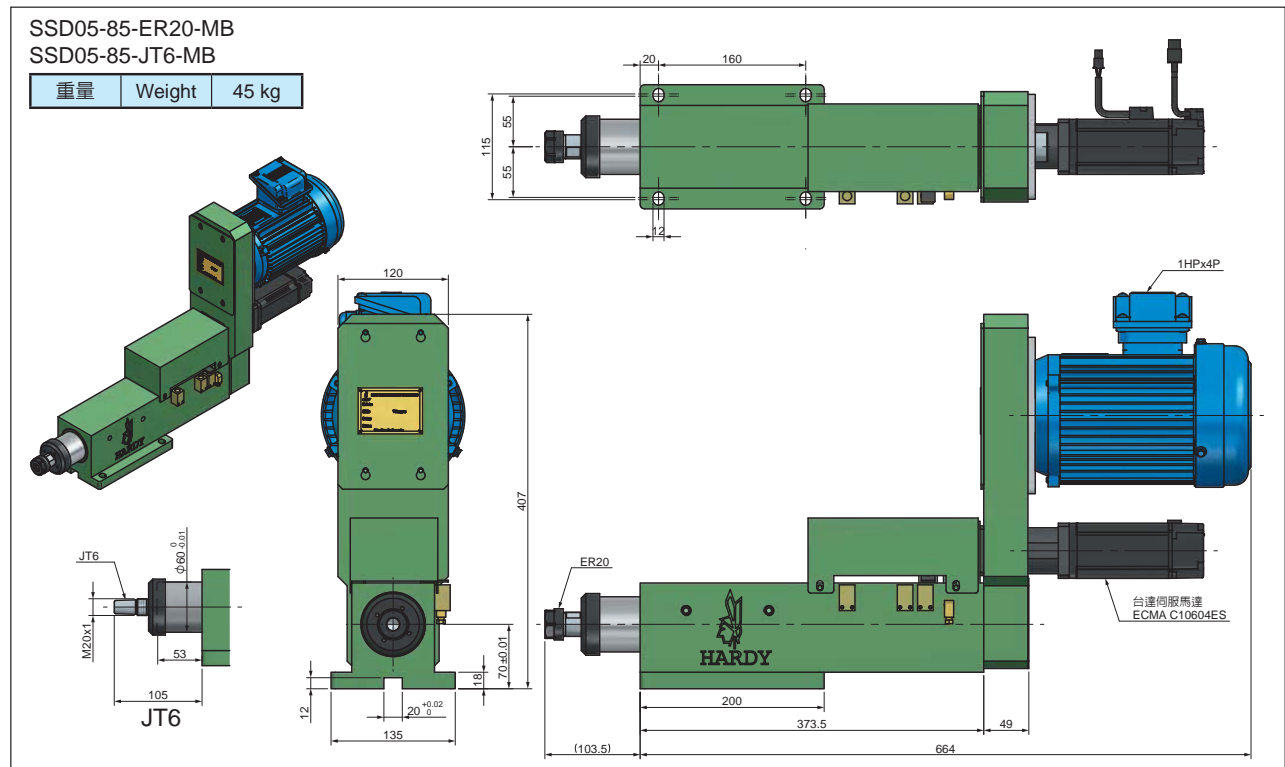
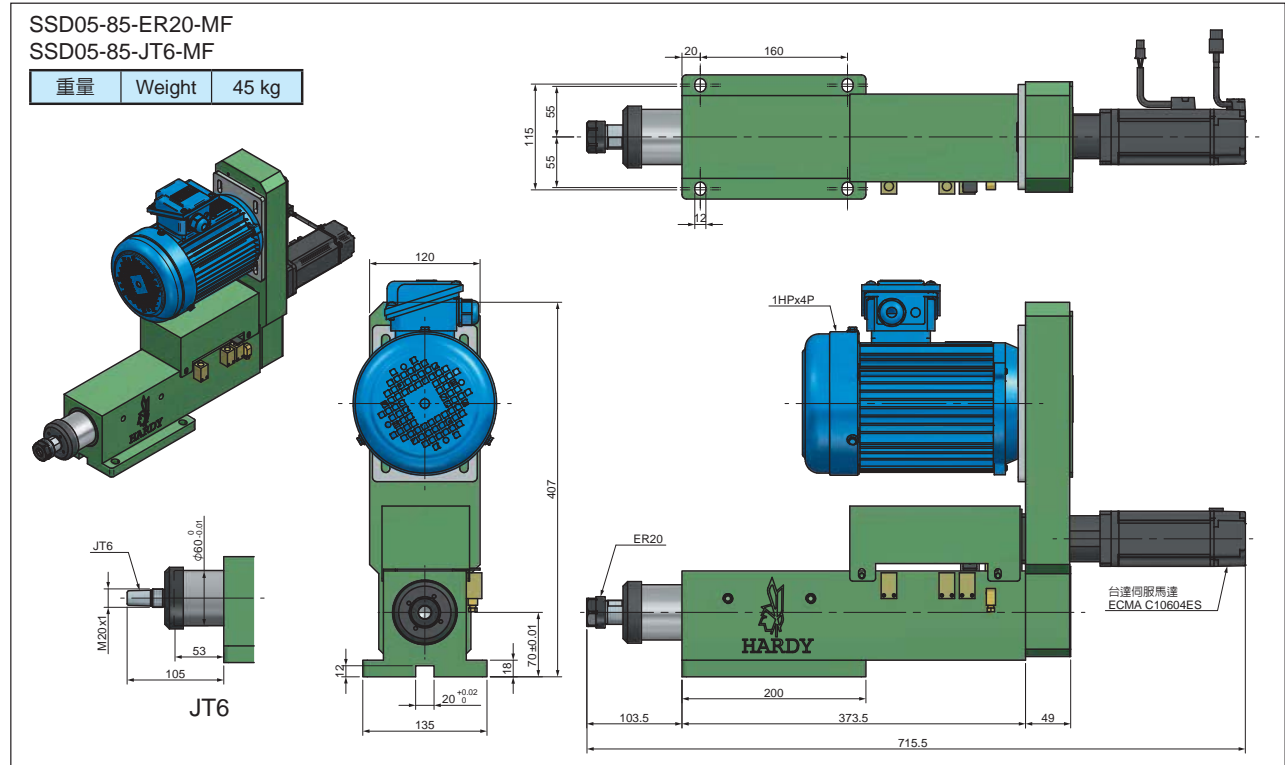
5008# SSD05-85 伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo Type

規格	Model	SSD05
鑽孔/攻牙能力	Drilling / Tapping Capacity(S45C)	φ 13 / M10
最大行程	Max. Stroke	85mm
最高轉速	Max. RPM	5000
馬力	Horsepower	1HP×4P
主軸皮帶輪	Spindle Pulley	5M-615
主軸軸承	Spindle Bearing	6004ZZ×4
皮帶輪軸承	Pulley Bearing	6203ZZ×3
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7001×2
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC15-24-5×1 , TC18-30-6×1
前蓋油封	Front Cover Seal	TC60-70-10×1
主軸油封	Spindle Seal	DH-28-36-6 / 4.5×1
滾珠螺桿	Ball screw	φ 16×5×C5

Roundness: $\leq 0.003\text{mm}$
 ※攻牙需搭配雙伺服馬達



5008# SSD05-85 伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo Type

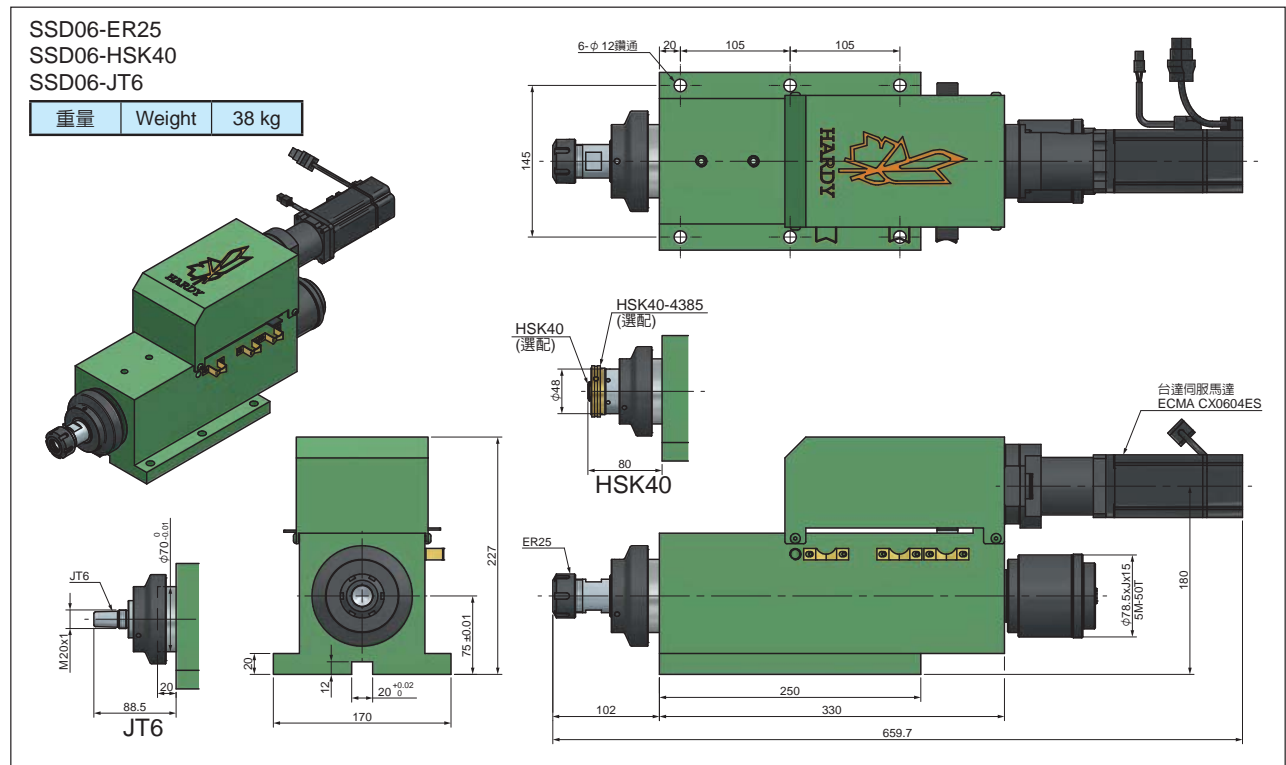




5009# SSD06-100 伺服鑽孔/攻牙動力頭(專利號碼：M446677) Drilling/Tapping Spindle Head-Servo Type (Patent No. M446677)

規格	Model	SSD06	SSD06H
鑽孔/攻牙能力	Drilling / Tapping Capacity(S45C)	φ 16 / M12	
最大行程	Max. Stroke	100mm	
最高轉速	Max. RPM	3500	10000
馬力	Horsepower	1HP×4P	
主軸皮帶輪	Spindle Pulley	5M-50T, φ 78.5xJx15	
主軸軸承	Spindle Bearing	6006Zx1 / 6005Zx1 32006x1 / 32005x1	7006x2 7005x2
皮帶輪軸承	Pulley Bearing	6908ZZx2	
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7203x2	
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC24-38-8x1 / TC20-40-8x1	
前蓋油封	Front Cover Seal	TC70-90-12x1	
前蓋O型環	Front Cover O-ring	G70x1 / G40 (G48-HSK40)x1	
主軸油封	Spindle Seal	TC45-60-7x1	
滾珠螺桿	Ball screw	φ 20x5xC5	

Roundness: $\leq 0.003\text{mm}$
※攻牙需搭配雙伺服馬達



5009# SSD06-100 伺服鑽孔/攻牙動力頭(專利號碼：M446677) Drilling/Tapping Spindle Head-Servo Type (Patent No. M446677)

SSD06-ER25-MF
SSD06-HSK40-MF
SSD06-JT6-MF

重量	Weight	63 kg
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SSD06-ER25-MB
SSD06-HSK40-MB
SSD06-JT6-MB

重量	Weight	63 kg
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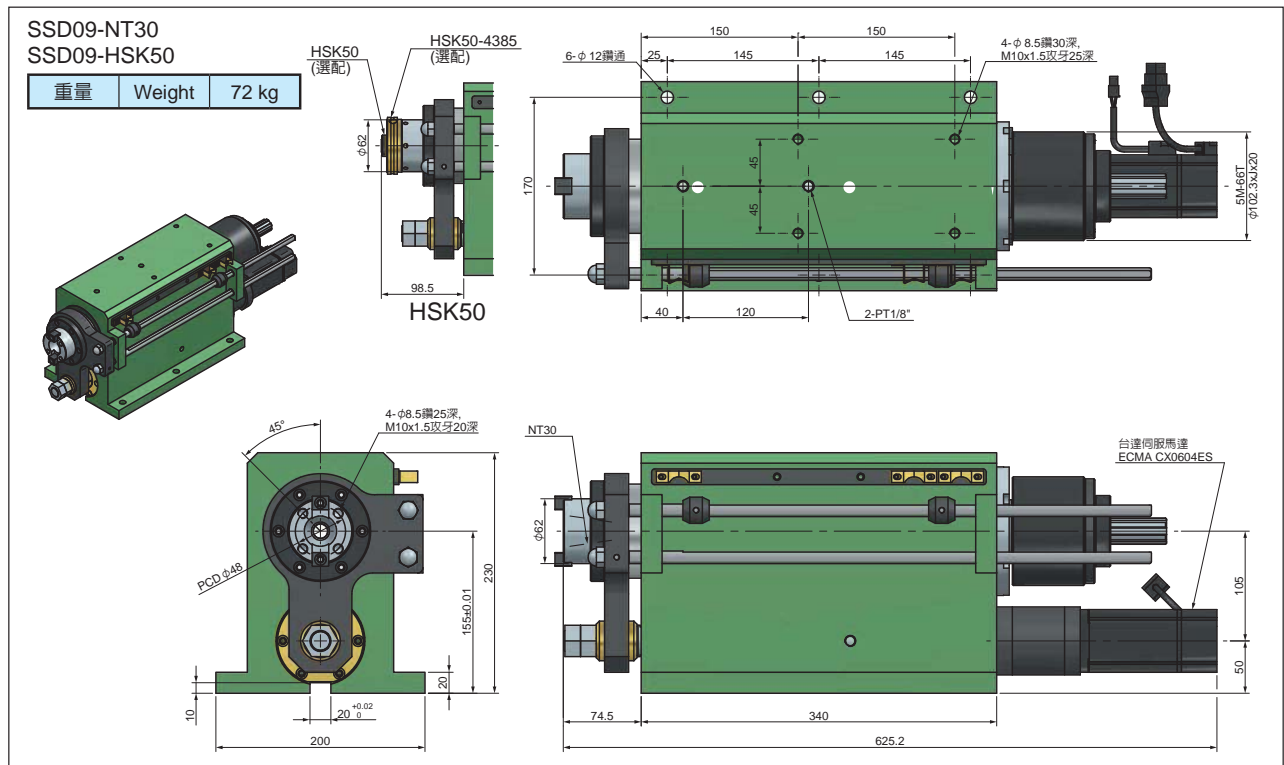
5010# SSD09-120 伺服鑽孔/攻牙動力頭(專利號碼：M446677) Drilling/Tapping Spindle Head-Servo Type (Patent No. M446677)

規格	Model	SSD09	SSD09H
鑽孔/攻牙能力	Drilling / Tapping Capacity(S45C)	φ 25 / M25	
最大行程	Max. Stroke	120mm	
最高轉速	Max. RPM	3000	8000
馬力	Horsepower	2HP×4P	
主軸皮帶輪	Spindle Pulley	5M-66T, φ 102.3xJx20	
主軸軸承	Spindle Bearing	6007Z×1 / 6006Z×1 32007×1 / 32006×1	7007×2 7006×2
皮帶輪軸承	Pulley Bearing	6010ZZ×2	
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7203×2	
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC24-38-8×1 / TC24-40-8×1	
前蓋油封	Front Cover Seal	TC90-110-12×1	
主軸油封	Spindle Seal	TC50-65-8×1	
滾珠螺桿	Ball screw	φ 20×5×C5	

Roundness: ≤ 0.003mm
※攻牙需搭配雙伺服馬達

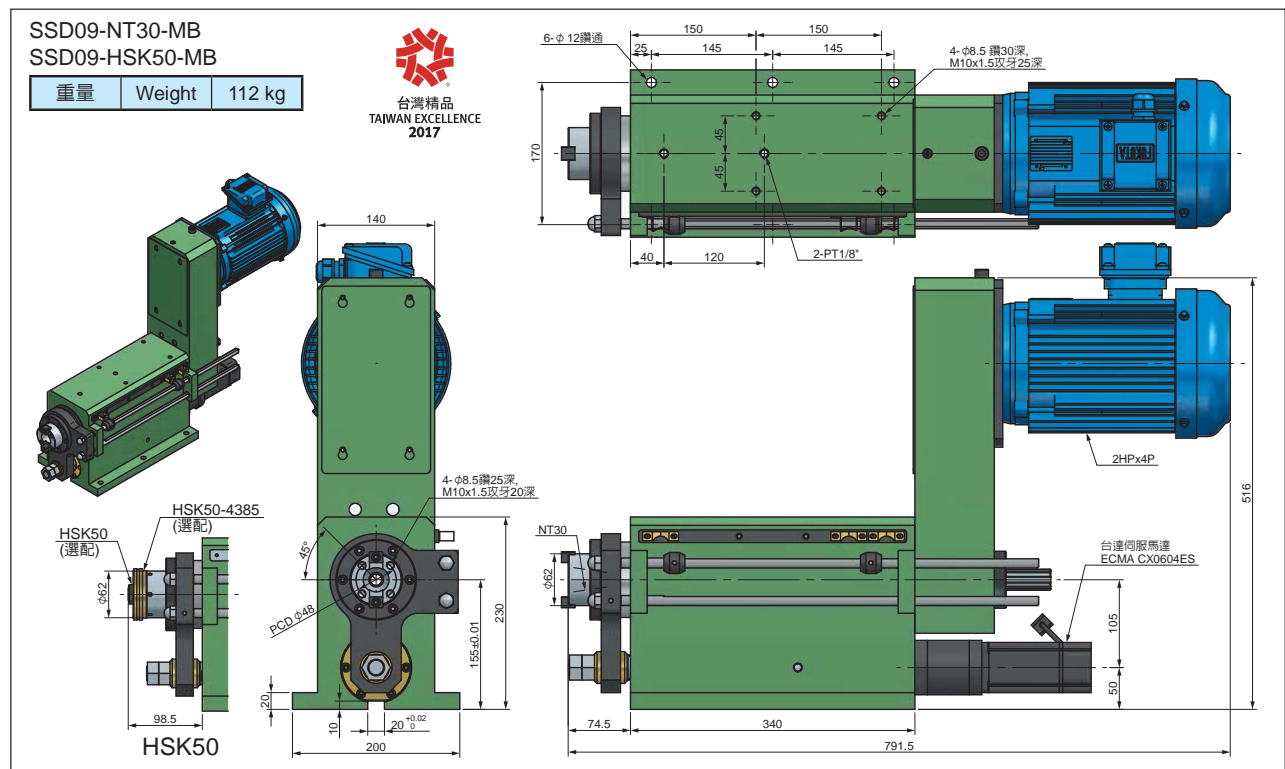
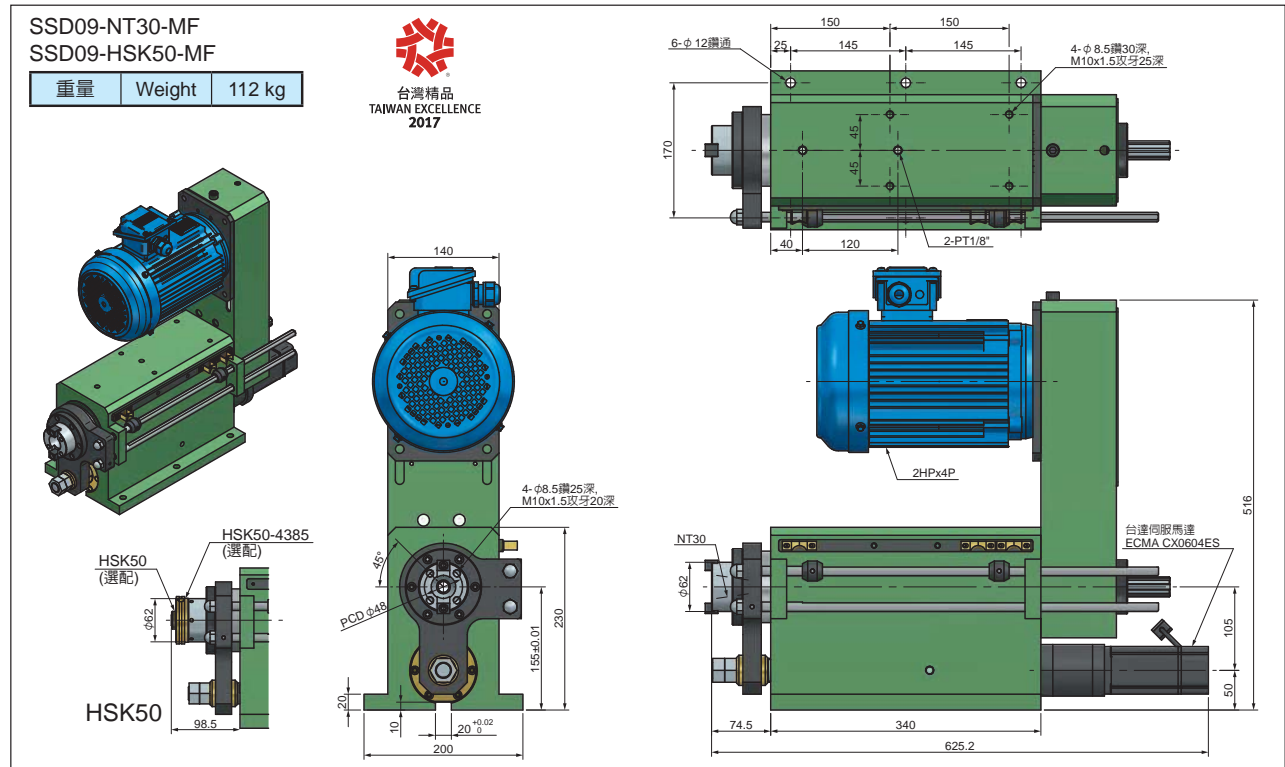


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5010# SSD09-120 伺服鑽孔/攻牙動力頭(專利號碼：M446677)

Drilling/Tapping Spindle Head-Servo Type (Patent No. M446677)

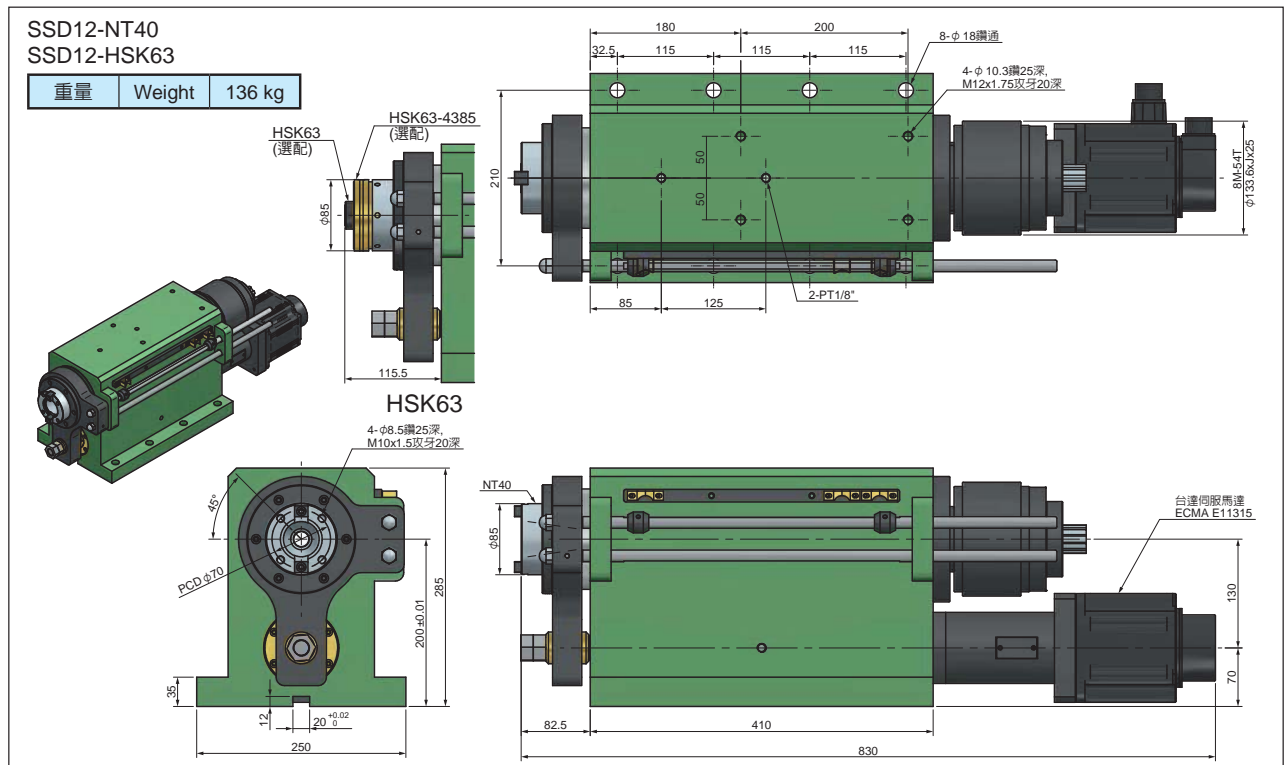




5011# SSD12-150 伺服鑽孔/攻牙動力頭(專利號碼：M446677) Drilling/Tapping Spindle Head-Servo Type (Patent No. M446677)

規格	Model	SSD12	SSD12H
鑽孔/攻牙能力	Drilling / Tapping Capacity(S45C)	φ 35 / M35	
最大行程	Max. Stroke	150mm	
最高轉速	Max. RPM	2000	6000
馬力	Horsepower	3HP×4P	
主軸皮帶輪	Spindle Pulley	8M-54T, φ 133.6xJx25	
主軸軸承	Spindle Bearing	6011Zx1 / 6009Zx1 32011x1 / 32009x1	7011x2 7009x2
皮帶輪軸承	Pulley Bearing	6211ZZx2	
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7204x2	
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC26-42-8x2	
前蓋油封	Front Cover Seal	TC120-145-12x1	
主軸油封	Spindle Seal	TC75-90-12x1	
滾珠螺桿	Ball screw	φ 25x5xC5	

Roundness: ≤ 0.003mm
※攻牙需搭配雙伺服馬達

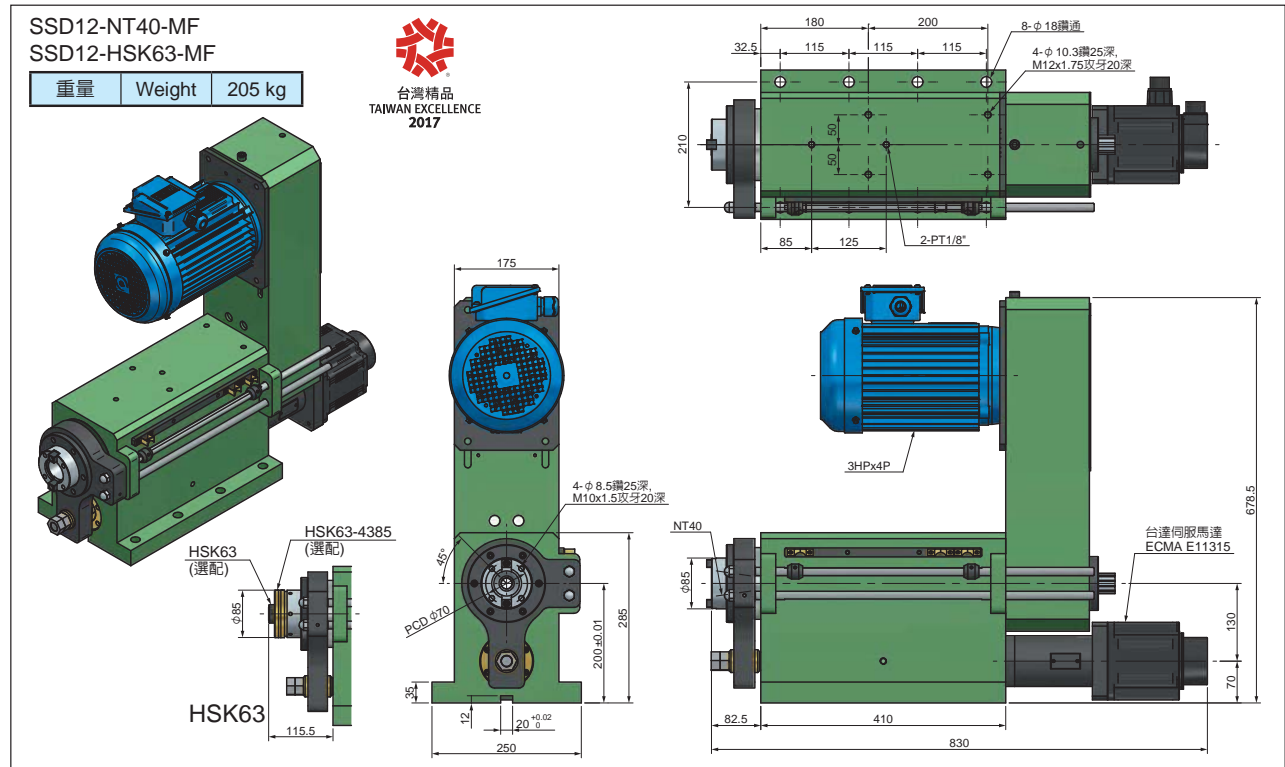


5011# SSD12-150 伺服鑽孔/攻牙動力頭 (專利號碼 : M446677) Drilling/Tapping Spindle Head-Servo Type (Patent No. M446677)

SSD12-NT40-MF
SSD12-HSK63-MF

重量	Weight	205 kg
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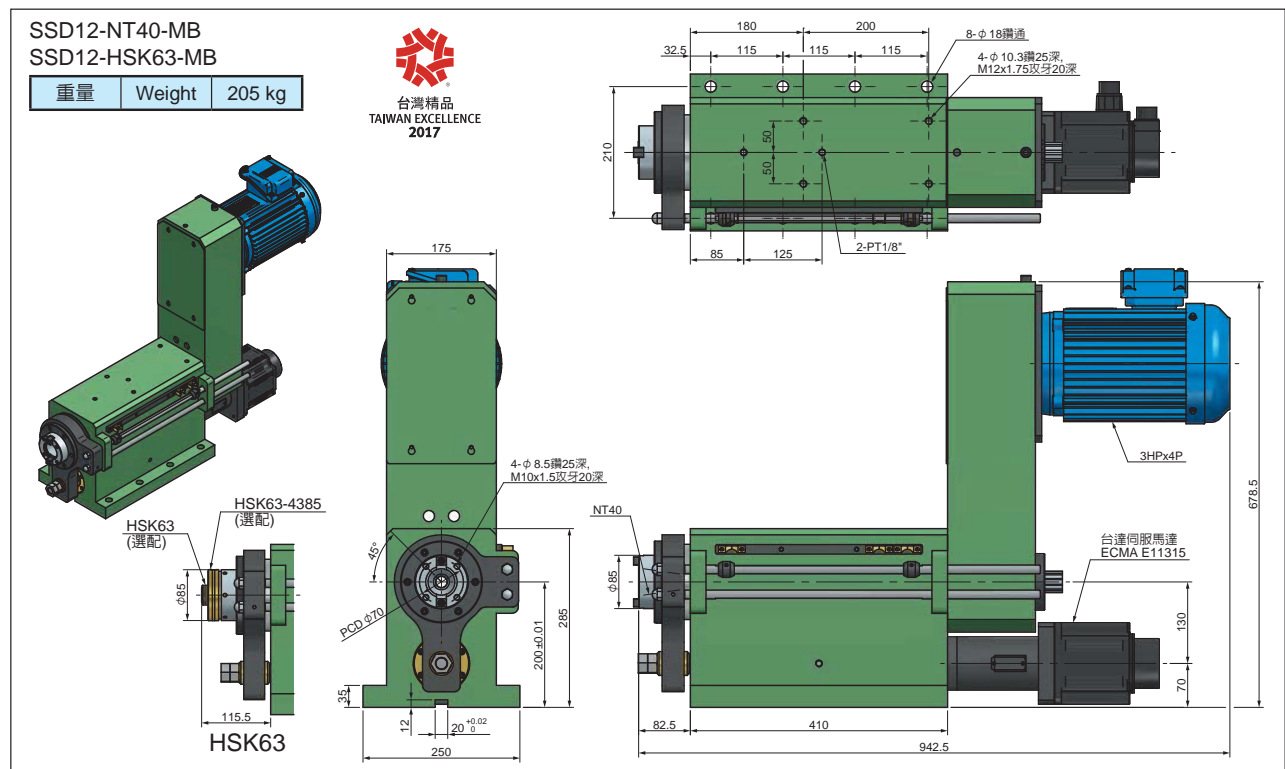
Dimensions and labels for SSD12-NT40-MF/SSD12-HSK63-MF:

- 8-φ18鑽通
- 4-φ10.3鑽25深, M12x1.75攻牙20深
- 2-PT1/8"
- 3HPx4P
- 台達伺服馬達 ECMA E11315
- NT40
- 4-φ8.5鑽25深, M10x1.5攻牙20深
- PCD φ70
- 45°
- 200±0.01
- 285
- 175
- 210
- 32.5
- 115
- 115
- 115
- 200
- 85
- 125
- 82.5
- 410
- 830
- 678.5
- 130
- 70
- φ85
- 115.5
- 12
- 20^{+0.02}/₀
- 250
- 35
- HSK63 (選配)
- HSK63-4385 (選配)

SSD12-NT40-MB
SSD12-HSK63-MB

重量	Weight	205 kg
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Dimensions and labels for SSD12-NT40-MB/SSD12-HSK63-MB:

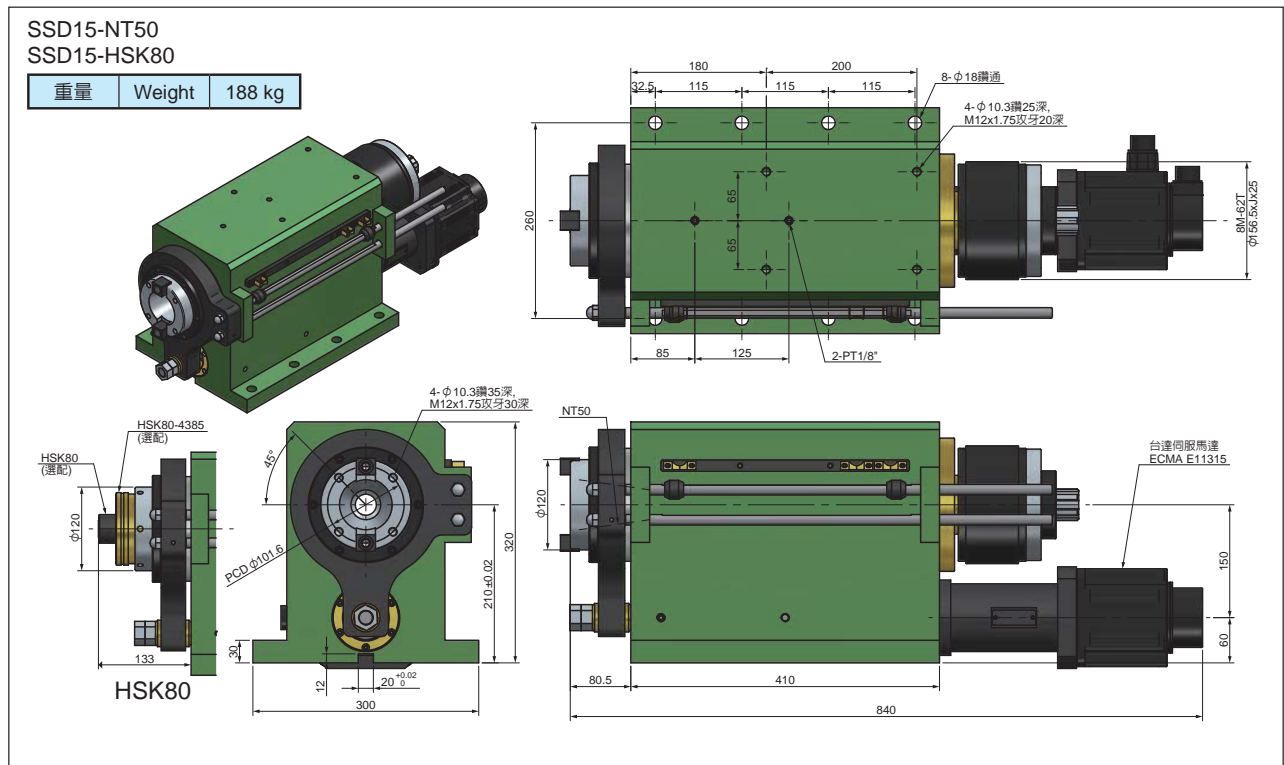
- 8-φ18鑽通
- 4-φ10.3鑽25深, M12x1.75攻牙20深
- 2-PT1/8"
- 3HPx4P
- 台達伺服馬達 ECMA E11315
- NT40
- 4-φ8.5鑽25深, M10x1.5攻牙20深
- PCD φ70
- 45°
- 200±0.01
- 285
- 175
- 210
- 32.5
- 115
- 115
- 115
- 200
- 85
- 125
- 82.5
- 410
- 942.5
- 678.5
- 130
- 70
- φ85
- 115.5
- 12
- 20^{+0.02}/₀
- 250
- 35
- HSK63 (選配)
- HSK63-4385 (選配)



5012# SSD15-150 伺服鑽孔/攻牙動力頭(專利號碼：M446677) Drilling/Tapping Spindle Head-Servo Type (Patent No. M446677)

規格	Model	SSD15	SSD15H
鑽孔/攻牙能力	Drilling / Tapping Capacity(S45C)	φ 50 / M45	
最大行程	Max. Stroke	150mm	
最高轉速	Max. RPM	1600	4000
馬力	Horsepower	5HP×4P	
主軸皮帶輪	Spindle Pulley	8M-62T, φ 156.5xJx25	
主軸軸承	Spindle Bearing	6014Zx1 / 6012Zx1 32014x1 / 32012x1	7014x2 7012x2
皮帶輪軸承	Pulley Bearing	6213ZZx2	
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7205x2	
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC30-50-10x2	
前蓋油封	Front Cover Seal	TC150-180-14x1	
主軸油封	Spindle Seal	TC90-110-12x1	
滾珠螺桿	Ball screw	φ 32x5xC5	

Roundness: ≤ 0.003mm
※攻牙需搭配雙伺服馬達



5012# SSD15-150 伺服鑽孔/攻牙動力頭 (專利號碼: M446677) Drilling/Tapping Spindle Head-Servo Type (Patent No. M446677)

SSD15-NT50-MF
SSD15-HSK80-MF

重量	Weight	240 kg
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台灣精品
TAIWAN EXCELLENCE
2017

Technical specifications for SSD15-NT50-MF/SSD15-HSK80-MF:

- Dimensions: 210 (width), 300 (base width), 320 (height), 260 (total height), 85 (base offset), 125 (base offset), 180 (motor offset), 200 (motor offset).
- Motor: 5HPx4P
- Spindle: NT50
- Mounting: HSK80 (with HSK80-4385 adapter), PCD $\phi 101.6$
- Drilling/Tapping: 4- $\phi 10.3$ 鑽35深, M12x1.75 攻牙30深
- Other: 8- $\phi 18$ 鑽通, 4- $\phi 10.3$ 鑽25深, M12x1.75 攻牙20深, 2-PT1/8"

SSD15-NT50-MB
SSD15-HSK80-MB

重量	Weight	240 kg
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台灣精品
TAIWAN EXCELLENCE
2017

Technical specifications for SSD15-NT50-MB/SSD15-HSK80-MB:

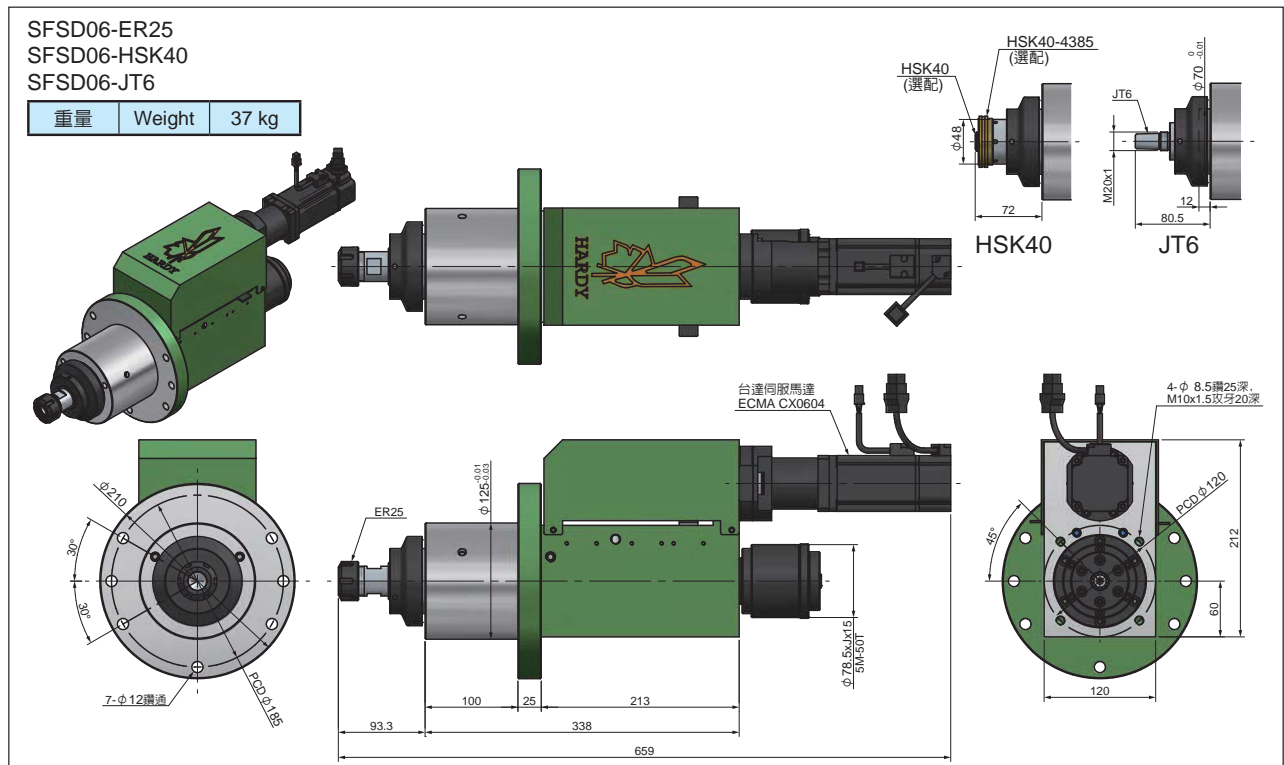
- Dimensions: 210 (width), 300 (base width), 320 (height), 260 (total height), 85 (base offset), 125 (base offset), 180 (motor offset), 200 (motor offset).
- Motor: 5HPx4P
- Spindle: NT50
- Mounting: HSK80 (with HSK80-4385 adapter), PCD $\phi 101.6$
- Drilling/Tapping: 4- $\phi 10.3$ 鑽35深, M12x1.75 攻牙30深
- Other: 8- $\phi 18$ 鑽通, 4- $\phi 10.3$ 鑽25深, M12x1.75 攻牙20深, 2-PT1/2"



5013# SFSD06-100 水車伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo /Flange Type

規格	Model	SFSD06	SFSD06H
鑽孔/攻牙能力	Drilling / Tapping Capacity(S45C)	φ 16 / M12	
最大行程	Max. Stroke	100mm	
最高轉速	Max. RPM	3500	10000
馬力	Horsepower	1HP×4P	
主軸皮帶輪	Spindle Pulley	5M-50T / φ 78.5xJx15	
主軸軸承	Spindle Bearing	6006Zx1 / 6005Zx1 32006x1 / 32005x1	7006x2 7005x2
皮帶輪軸承	Pulley Bearing	6908ZZx2	
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7203x2	
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC24-38-8x1 / TC20-40-8x1	
前蓋油封	Front Cover Seal	TC70-90-12x1	
前蓋O型環	Front Cover O-ring	G70x1 / G40(G48-HSK40)x1	
主軸油封	Spindle Seal	TC45-60-7x1	
活塞O型環	Piston O-ring	P70x2	
滾珠螺桿	Ball screw	φ 20x5xC5	

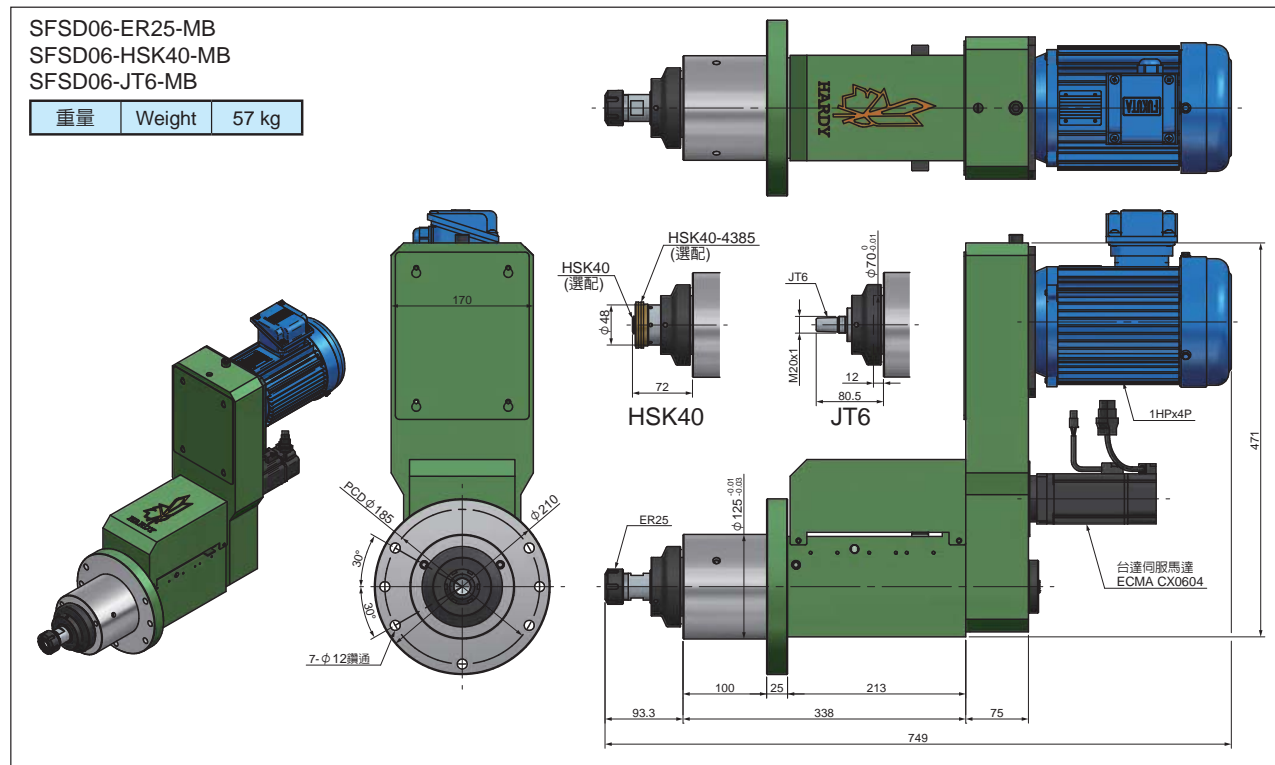
Roundness: ≤ 0.003mm
※ 攻牙需搭配雙伺服馬達



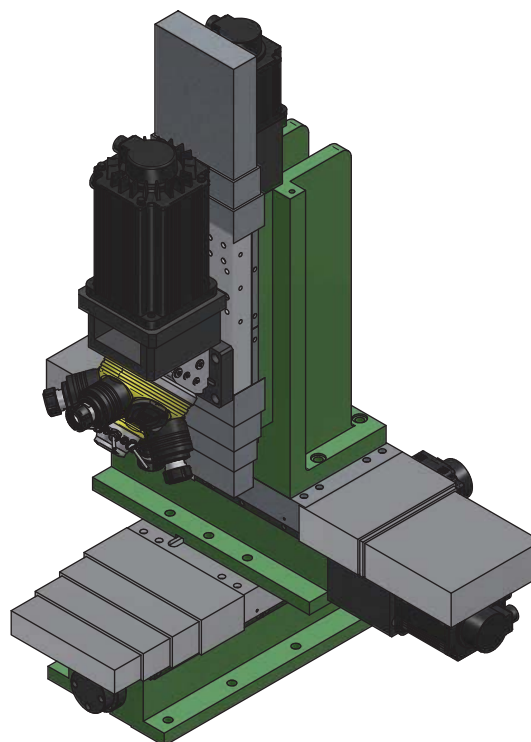
5013# SFSD06-100 水車伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo /Flange Type

SFSD06-ER25-MB
SFSD06-HSK40-MB
SFSD06-JT6-MB

重量	Weight	57 kg
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可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order



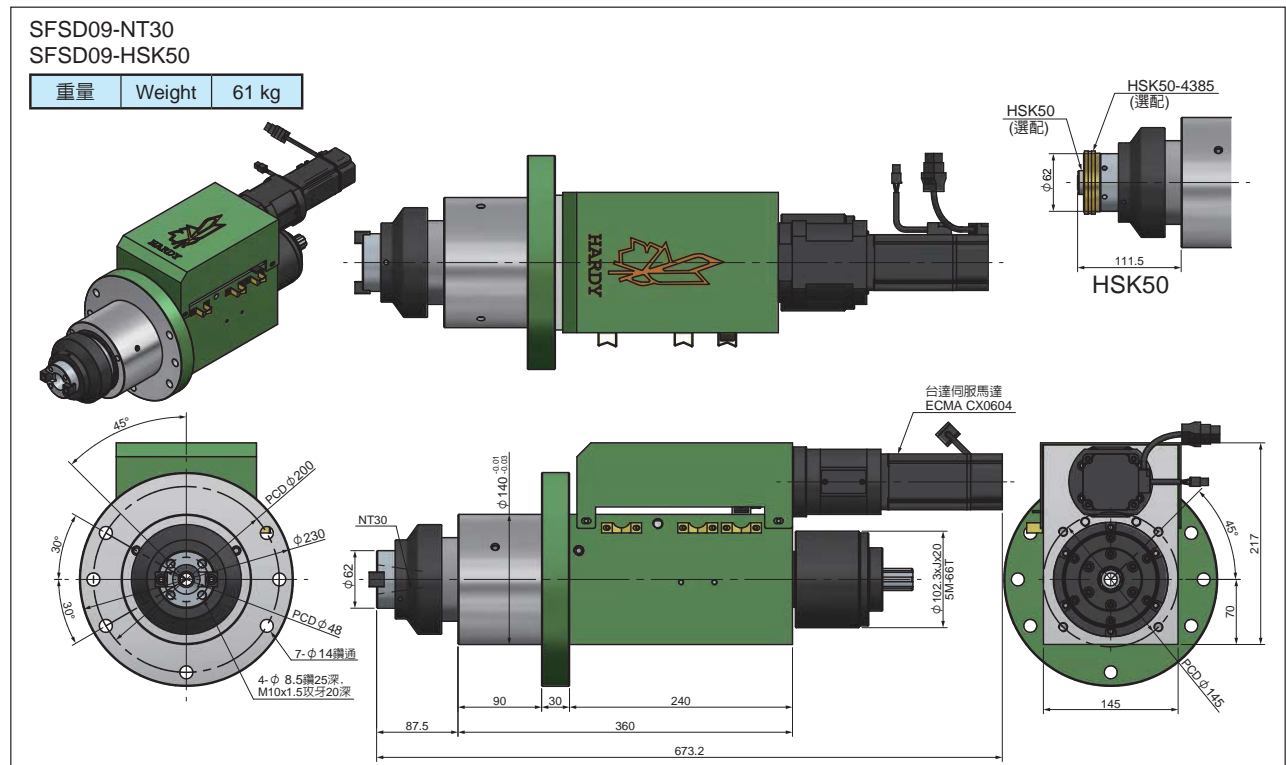


HARDY

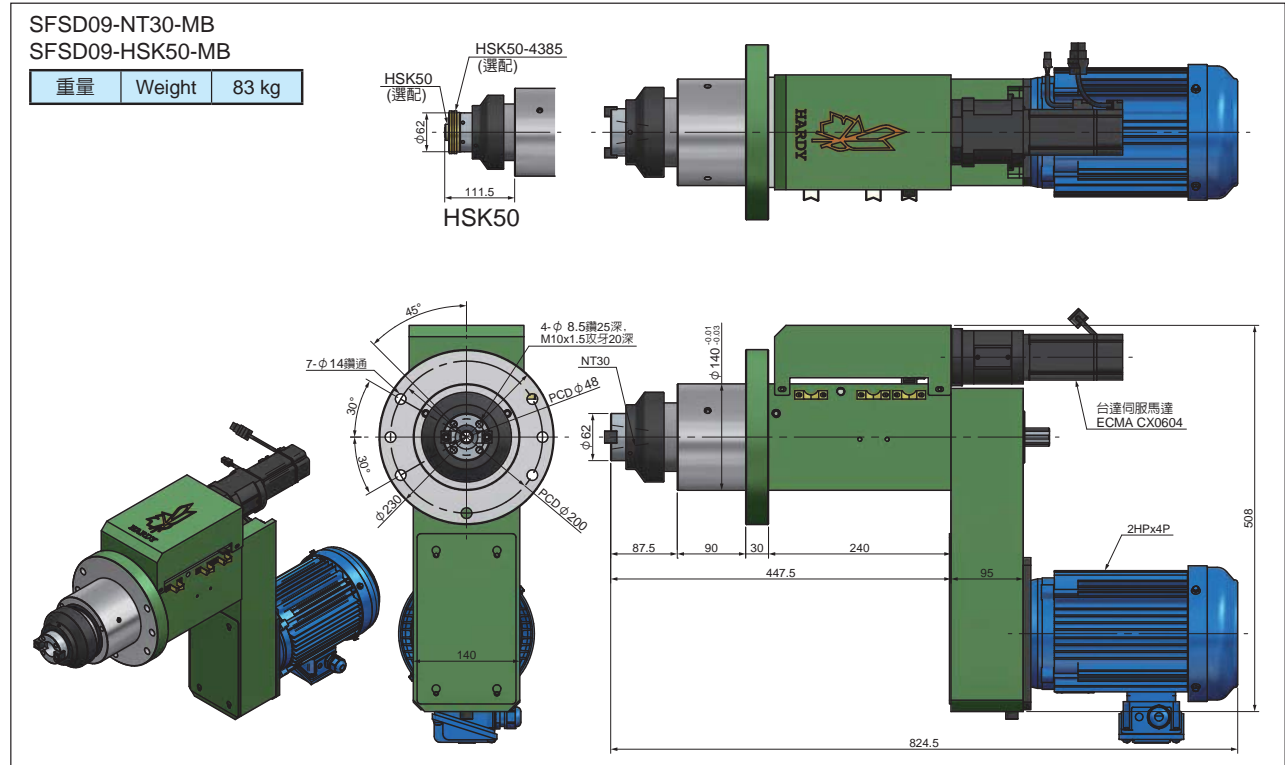
5014# SFSD09-120 水車伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo /Flange Type

規格	Model	SFSD09	SFSD09H
鑽孔/攻牙能力	Drilling / Tapping Capacity(S45C)	φ 25 / M25	
最大行程	Max. Stroke	120mm	
最高轉速	Max. RPM	3000	8000
馬力	Horsepower	2HP×4P	
主軸皮帶輪	Spindle Pulley	5M-66T, φ 102.3xJx20	
主軸軸承	Spindle Bearing	6007Zx1 / 6006Zx1 32007x1 / 32006x1	7007x2 7006x2
皮帶輪軸承	Pulley Bearing	6010ZZx2	
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7203x2	
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC24-38-8x1 / TC20-40-8x1	
前蓋油封	Front Cover Seal	TC90-110-12x1	
前蓋O型環	Front Cover O-ring	G90x1 / G62x1	
主軸油封	Spindle Seal	TC50-65-8x1	
活塞O型環	Piston O-ring	P90x2	
滾珠螺桿	Ball Screw	φ 20x5xC5	

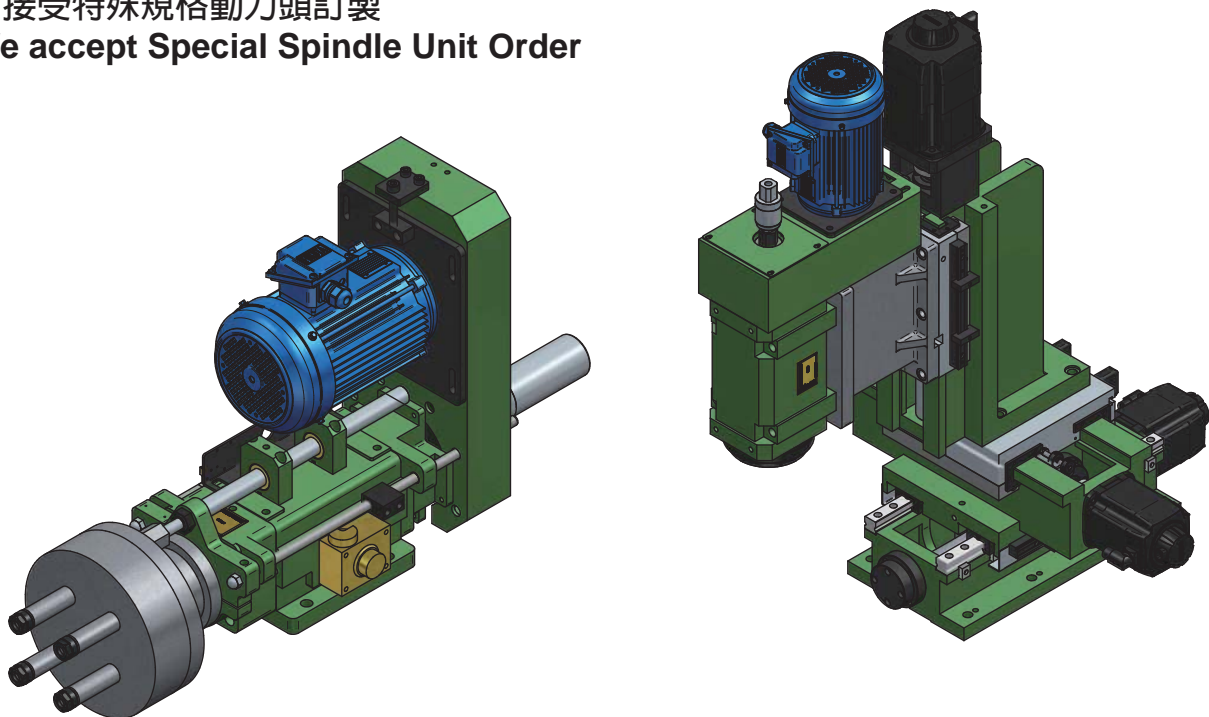
Roundness: ≤ 0.003mm
※攻牙需搭配雙伺服馬達



5014# SFSD09-120 水車伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo /Flange Type



可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order



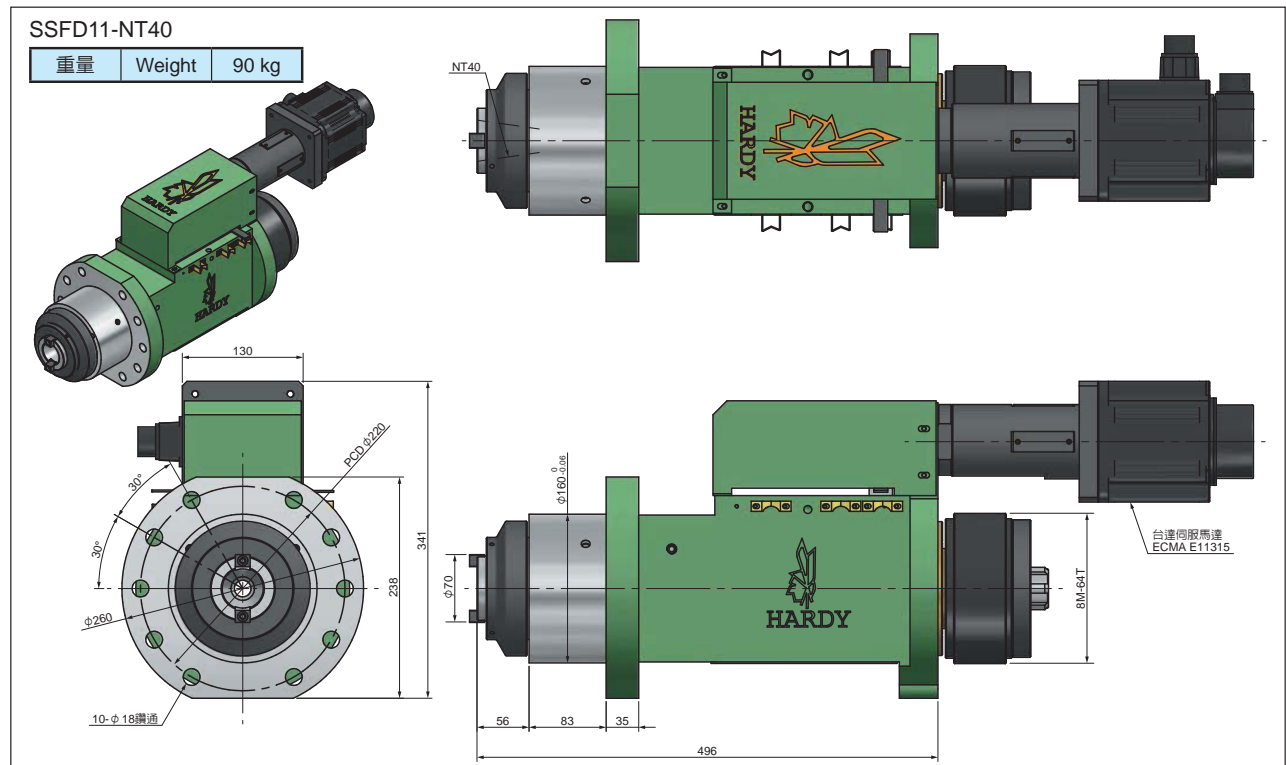


5015# SSFD11-120 水車伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo /Flange Type

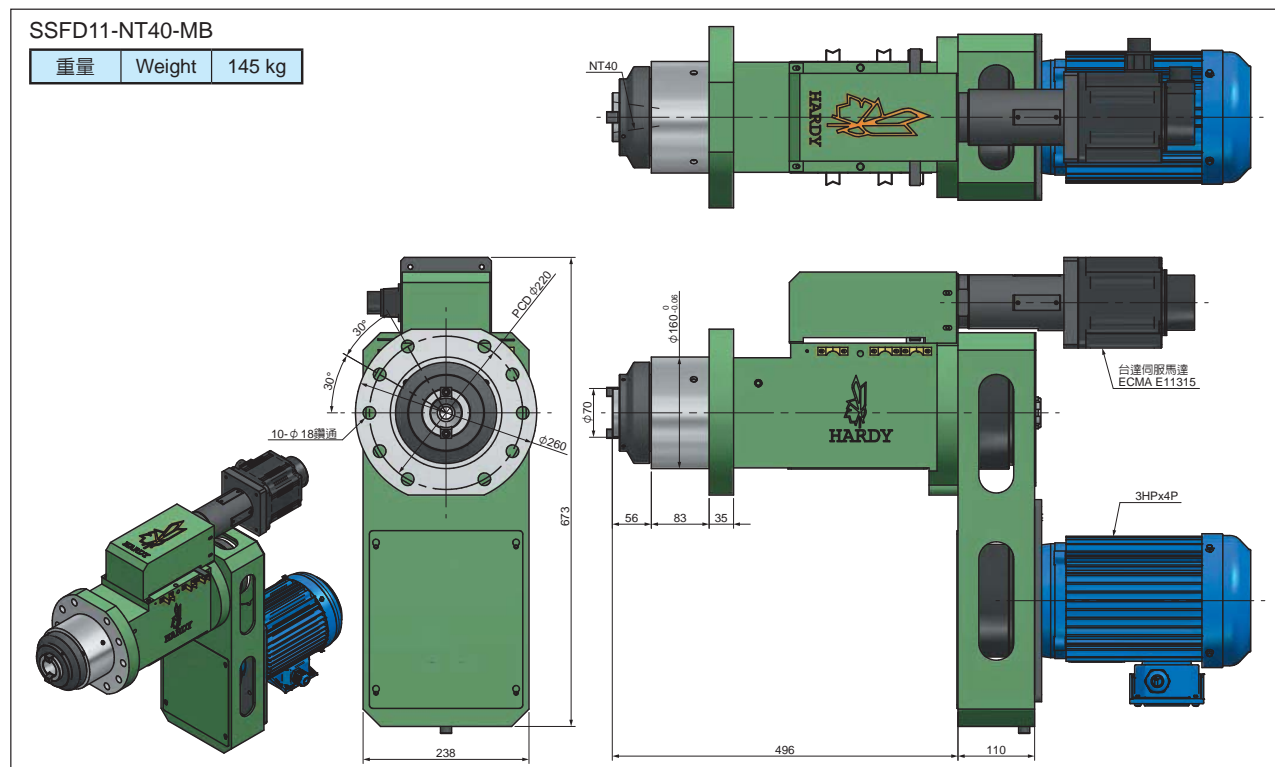
規格	Model	SSFD11-120M-NT40	SSFD11H-120M-NT40
鑽孔/攻牙能力	Drilling / Tapping Capacity(S45C)	φ 35 / M35	
最大行程	Max. Stroke	120mm	
最高轉速	Max. RPM	1800	4000
馬力	Horsepower	3HP×4P	
主軸皮帶輪	Spindle Pulley	8M-64T	
主軸軸承	Spindle Bearing	6210ZZ×2 / 30210×2	7210×4
皮帶輪軸承	Pulley Bearing	6015ZZ×2	
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7203×2	
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC24-40-8×1 / TC24-38-8×1	
前蓋油封	Front Cover Seal	TC110-130-13×1	
前蓋O型環	Front Cover O-ring	G85×1 / G110×1	
主軸油封	Spindle Seal	TC70-90-12×1	
活塞O型環	Piston O-ring	P110×2	
滾珠螺桿	Ball Screw	φ 25×5×C5	

Roundness: ≤ 0.003mm

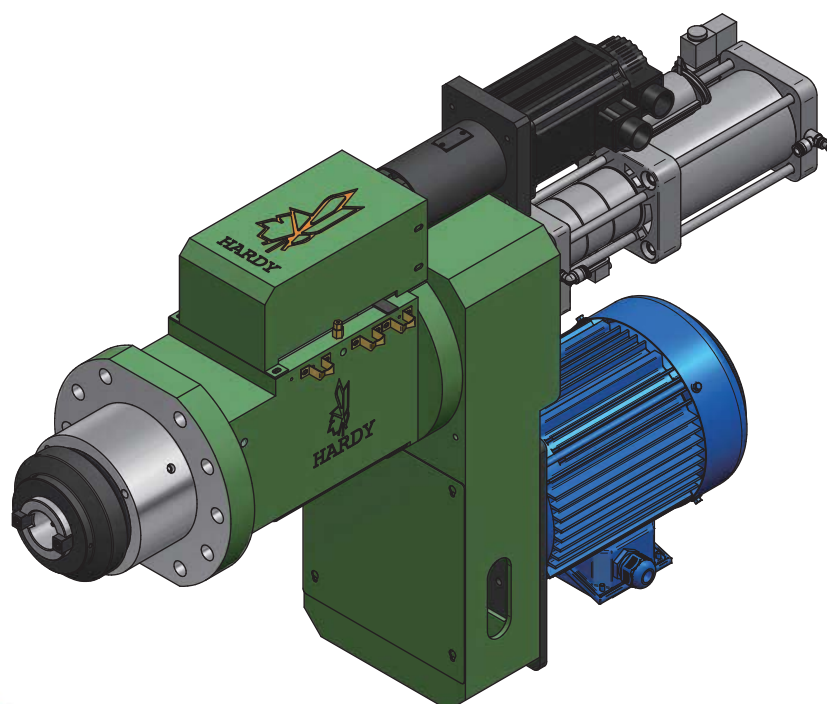
※攻牙需搭配雙伺服馬達



5015# SSFD11-120 水車伺服鑽孔/攻牙動力頭
Drilling/Tapping Spindle Head-Servo /Flange Type



SSFC11-120 水車伺服鑽孔/攻牙動力頭/氣動打刀缸
Drilling/Tapping Spindle Head-Servo /Flange Type / with Unclamping Cylinder

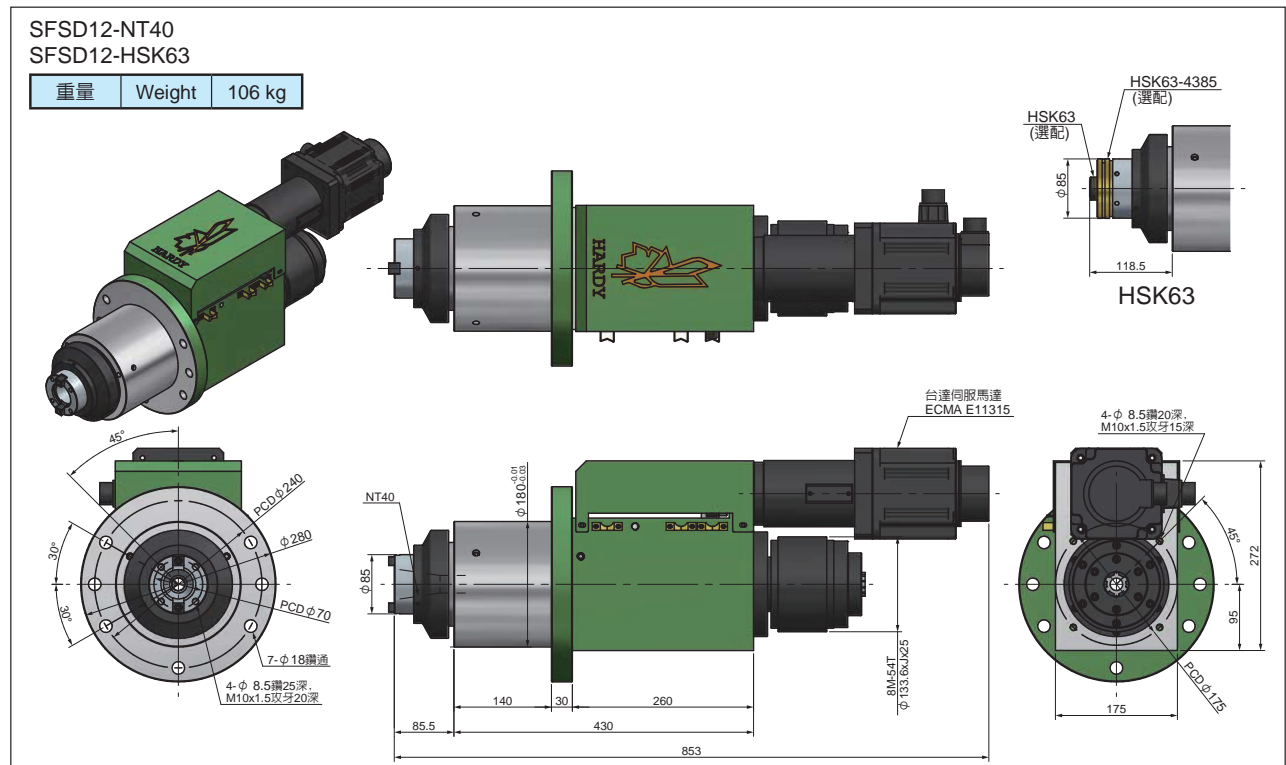




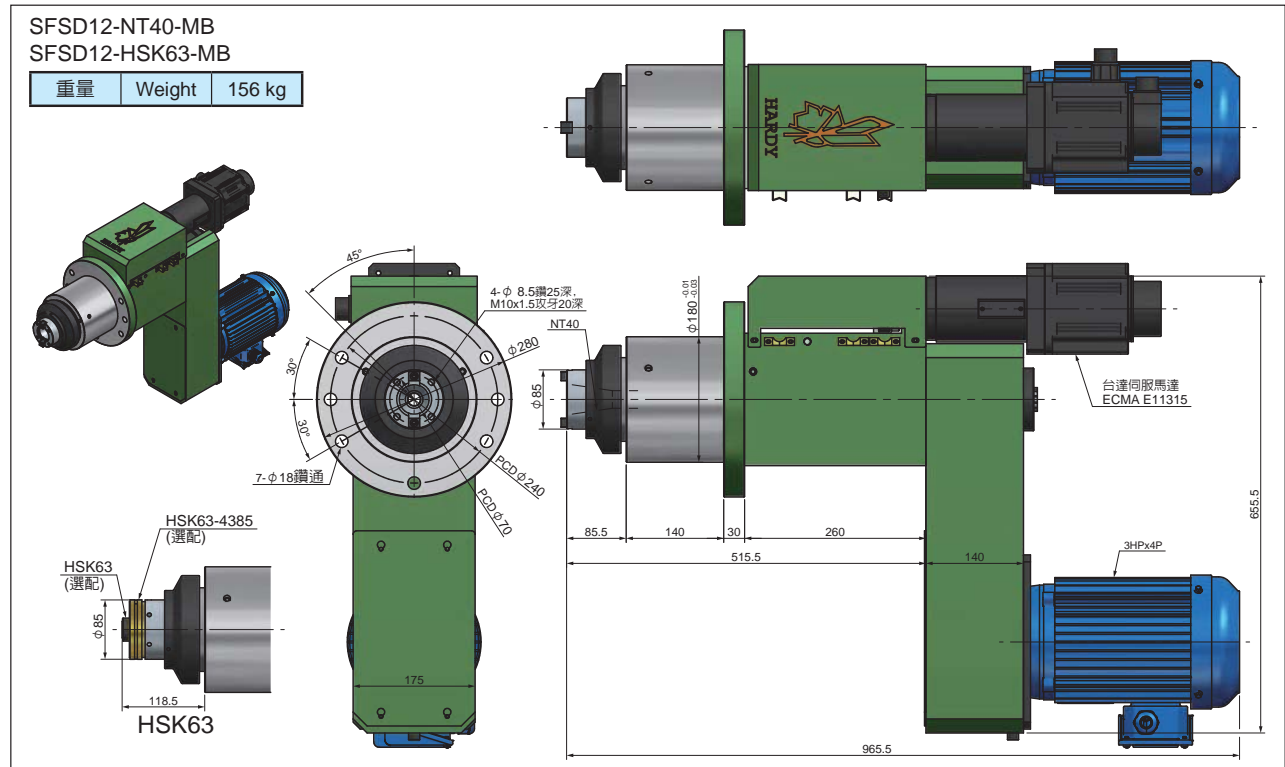
5016# SFSD12-150 水車伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo /Flange Type

規格	Model	SFSD12	SFSD12H
鑽孔/攻牙能力	Drilling / Tapping Capacity(S45C)	φ 35 / M35	
最大行程	Max. Stroke	150mm	
最高轉速	Max. RPM	2000	6000
馬力	Horsepower	3HP×4P	
主軸皮帶輪	Spindle Pulley	8M-54T, φ 133.6xJx25	
主軸軸承	Spindle Bearing	6011Zx1 / 6009Zx1 32011x1 / 32009x1	7011x2 7009x2
皮帶輪軸承	Pulley Bearing	6211ZZx2	
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7204x2	
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC26-42-8x1 / TC24-42-8x1	
前蓋油封	Front Cover Seal	TC120-145-12x1	
前蓋O型環	Front Cover O-ring	G120x1 / G85x1	
主軸油封	Spindle Seal	TC75-90-12x1	
活塞O型環	Piston O-ring	P120x2	
滾珠螺桿	Ball Screw	φ 25x5xC5	

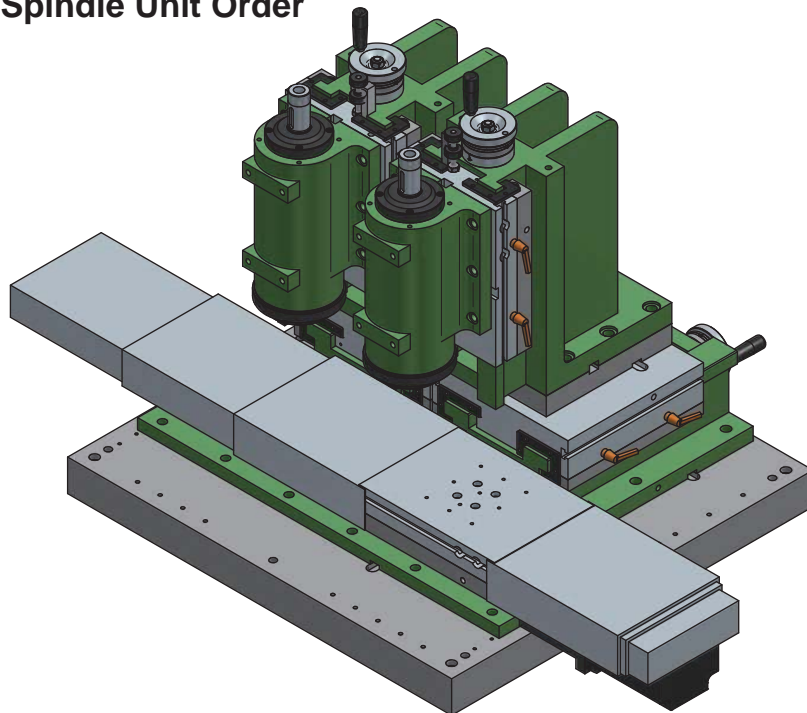
Roundness: ≤ 0.003mm
※ 攻牙需搭配雙伺服馬達



5016# SFSD12-150 水車伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo /Flange Type



可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order

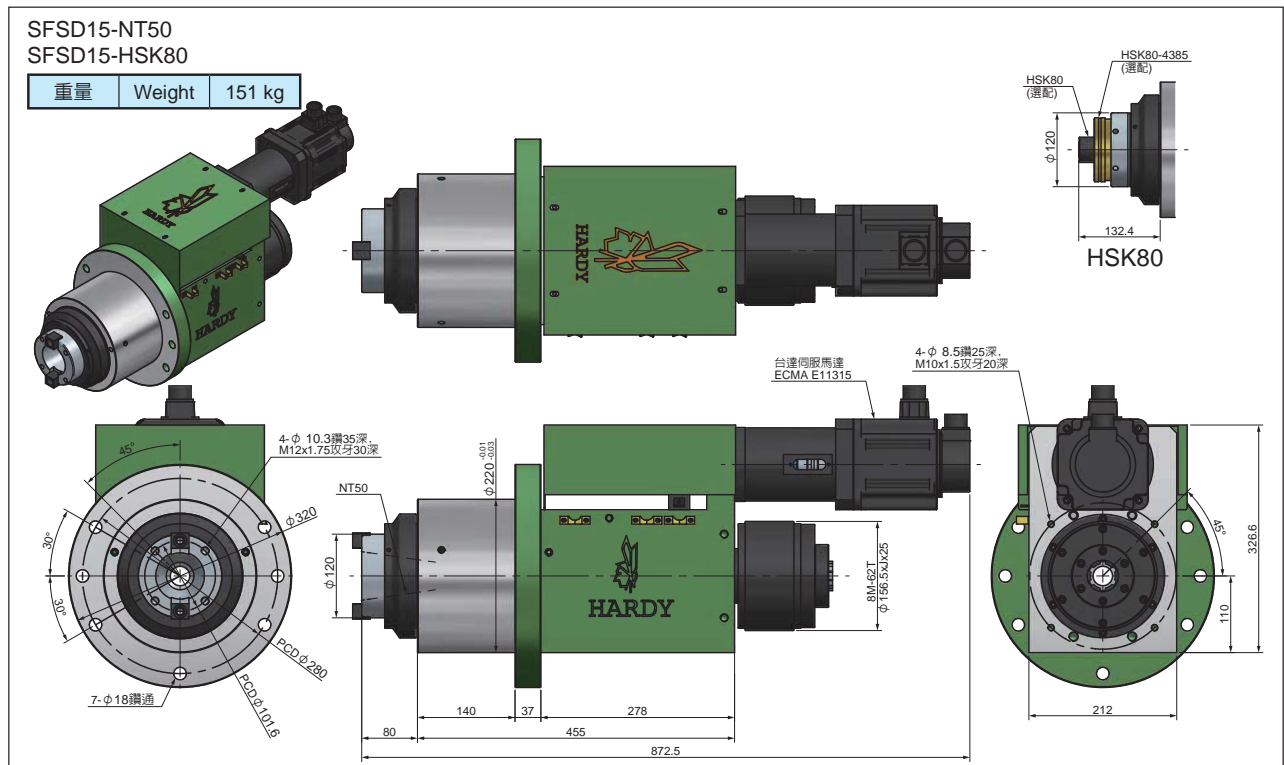




5017# SFSD15-150 水車伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo /Flange Type

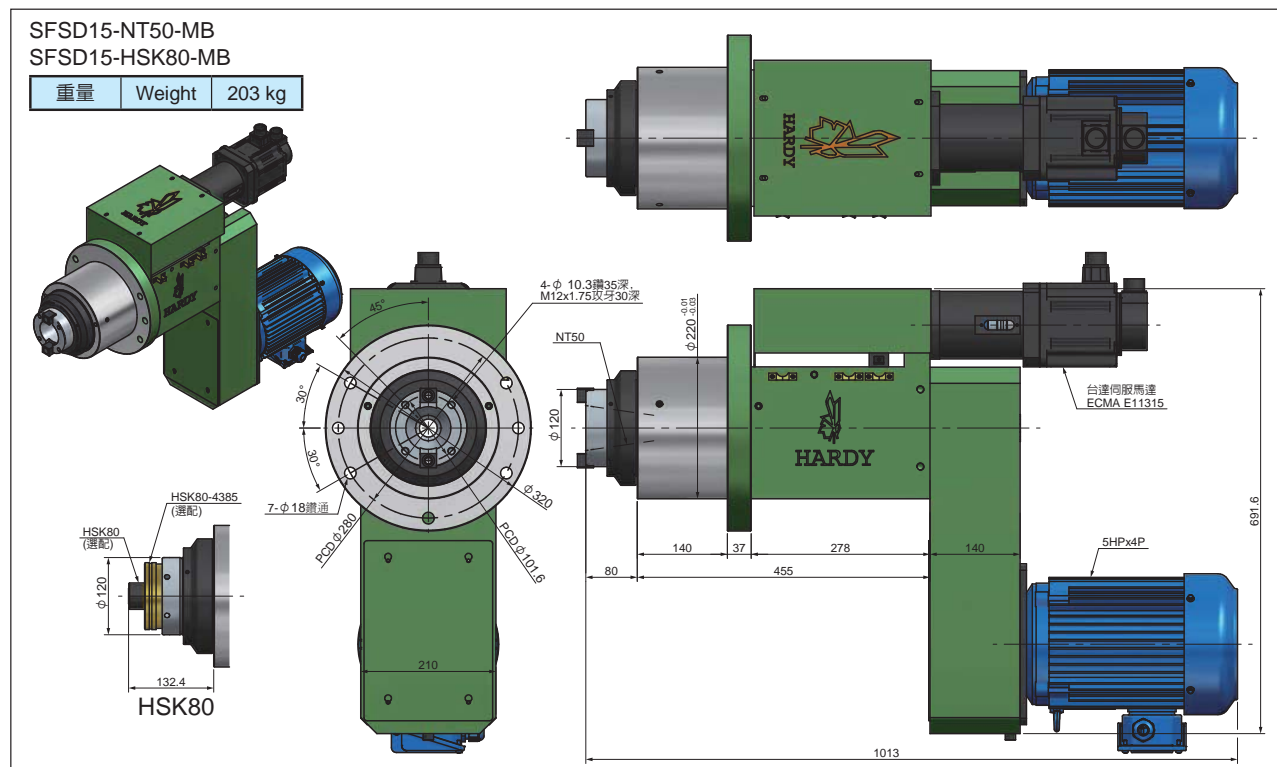
規格	Model	SFSD15	SFSD15H
鑽孔/攻牙能力	Drilling / Tapping Capacity(S45C)	φ 50 / M45	
最大行程	Max. Stroke	150mm	
最高轉速	Max. RPM	1600	4000
馬力	Horsepower	5HP×4P	
主軸皮帶輪	Spindle Pulley	8M-62T, φ 156.5xJx25	
主軸軸承	Spindle Bearing	6014Zx1 / 6012Zx1 32014x1 / 32012x1	7014x2 7012x2
皮帶輪軸承	Pulley Bearing	6213ZZx2	
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7205x2	
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC30-50-10x2	
前蓋油封	Front Cover Seal	TC150-180-14x1	
前蓋O型環	Front Cover O-ring	G120x1 / G150x1	
主軸油封	Spindle Seal	TC90-110-12x1	
活塞O型環	Piston O-ring	P150x2	
滾珠螺桿	Ball Screw	φ 32x5xC5	

Roundness: $\leq 0.003\text{mm}$
※攻牙需搭配雙伺服馬達

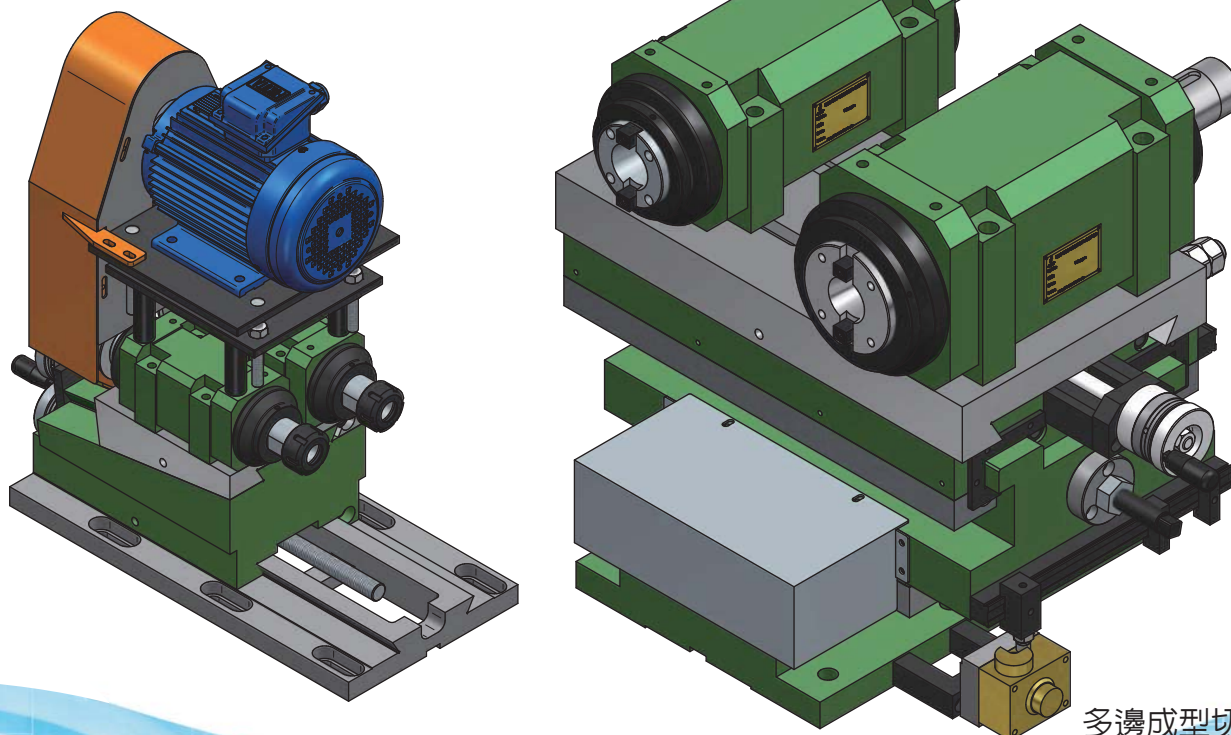




5017# SFSD15-150 水車伺服鑽孔/攻牙動力頭 Drilling/Tapping Spindle Head-Servo /Flange Type



可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order



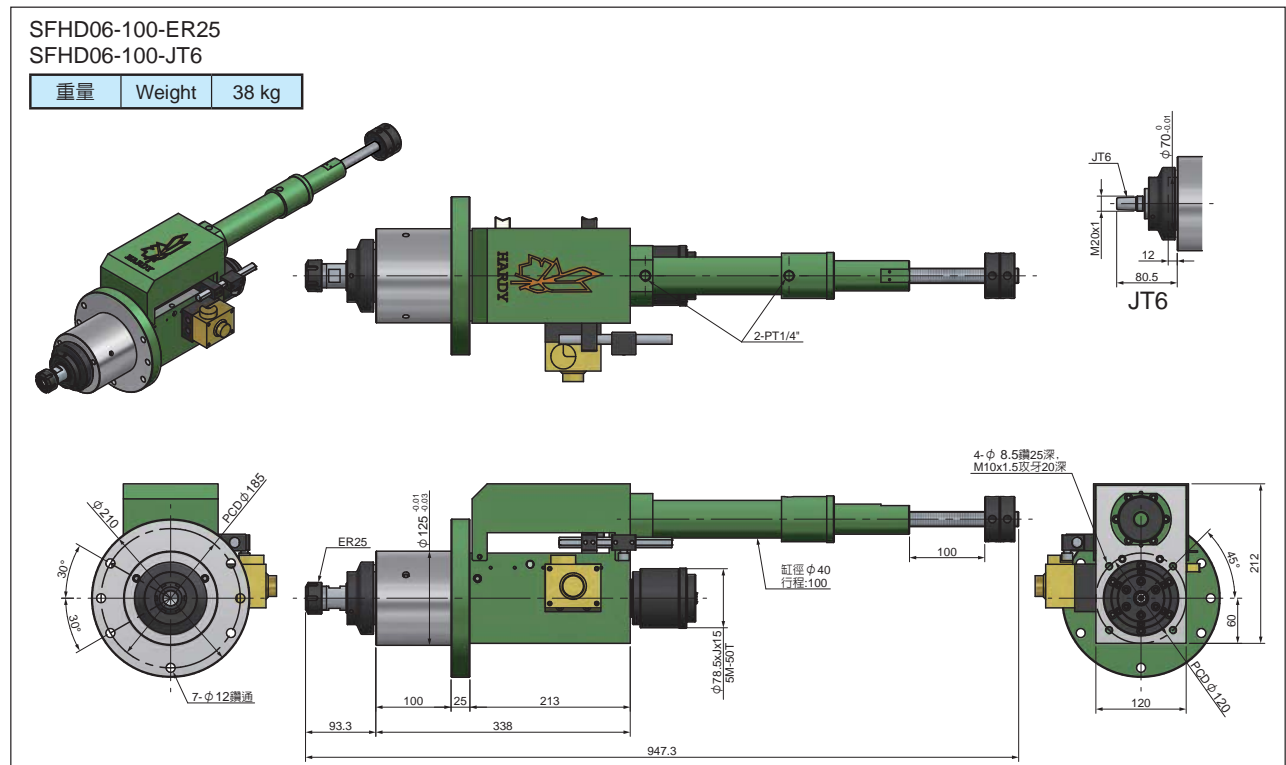
多邊成型切角機



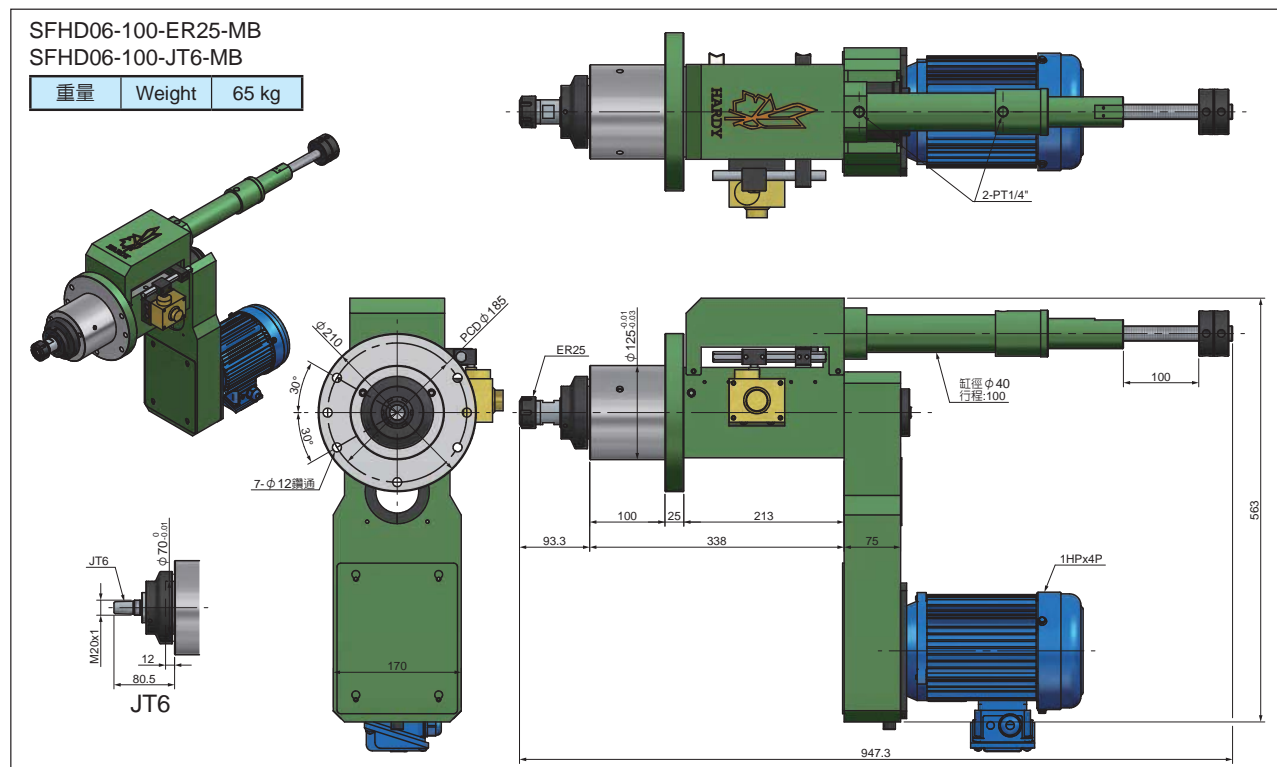
5018# SFHD06-100 水車油壓鑽孔動力頭 Drilling Spindle Head-Hydraulic /Flange Type

規格	Model	SFHD06	SFHD06H
鑽孔能力	Drilling Capacity(S45C)	φ 16	
最大行程	Max. Stroke	100mm	
最高轉速	Max. RPM	3500	10000
馬力	Horsepower	1HP×4P	
主軸皮帶輪	Spindle Pulley	5M-50T, φ 78.5xJx15	
主軸軸承	Spindle Bearing	6006Zx1 / 6005Zx1 32006x1 / 32005x1	7006x2 7005x2
皮帶輪軸承	Pulley Bearing	6908ZZx2	
前蓋油封	Front Cover Seal	TC70-90-12x1	
主軸油封	Spindle Seal	TC45-60-7x1	
活塞O型環	Piston O-ring	P70x2	
防水蓋O型環	Front Cover O-ring	G70x1 / G40 (G48-HSK40)x1	
推進壓力	Propel Pressure	油壓(H)30~40kg/cm ²	
油缸面積	Cylinder Diameter	7.7cm ² (缸徑φ 40 ; 心軸φ 25)	

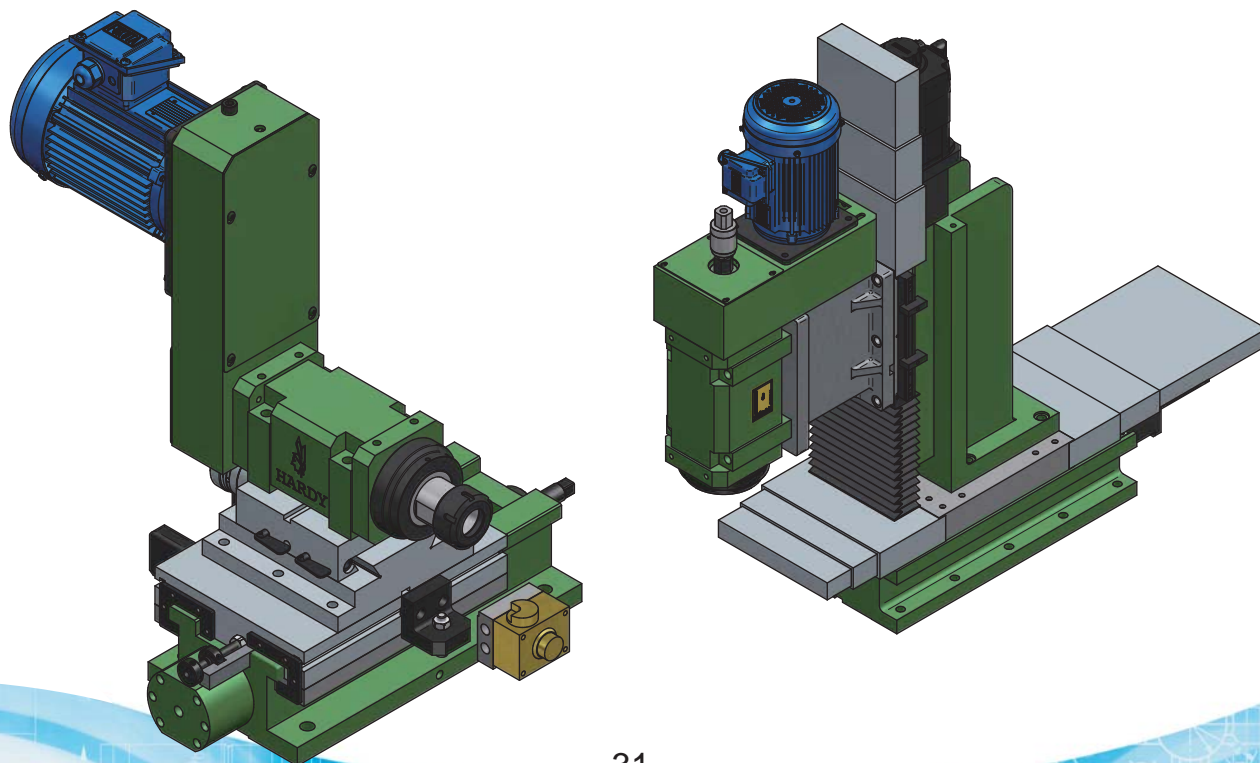
Roundness: $\leq 0.003\text{mm}$



5018# SFHD06-100 水車油壓鑽孔動力頭 Drilling Spindle Head-Hydraulic /Flange Type



可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order

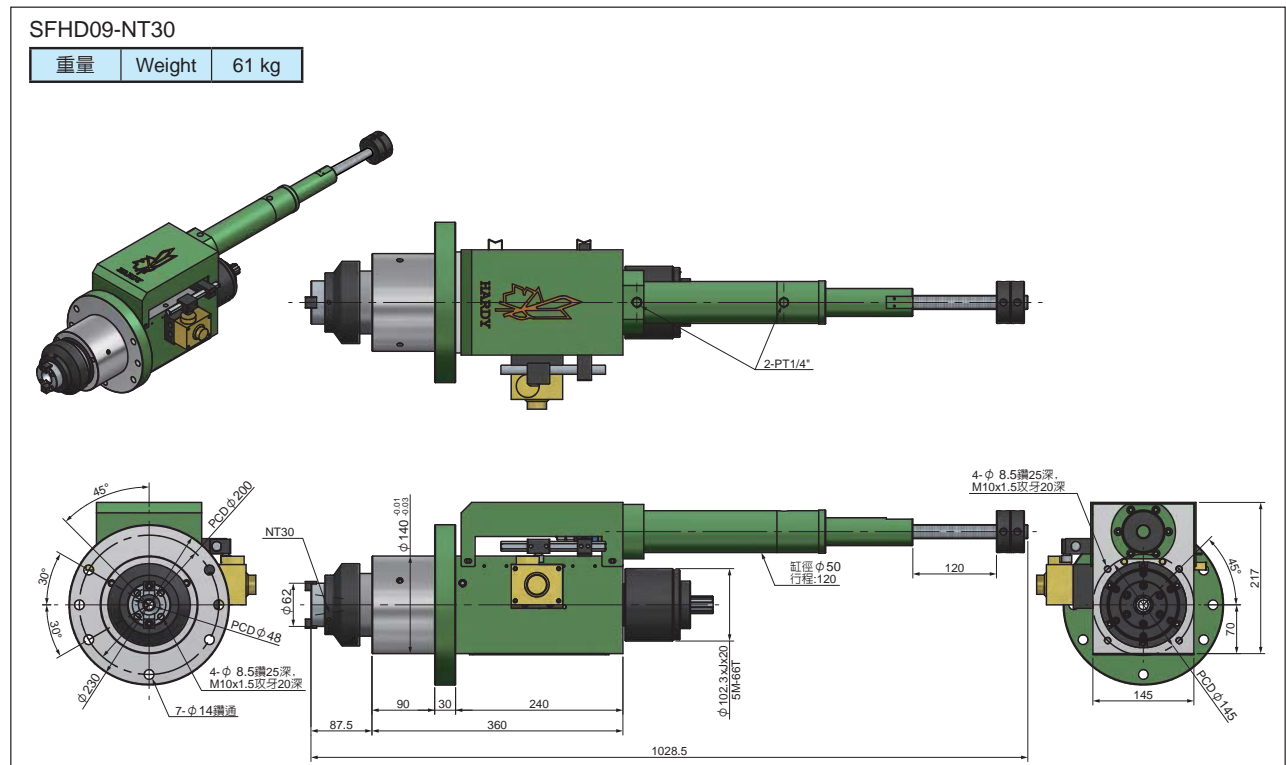




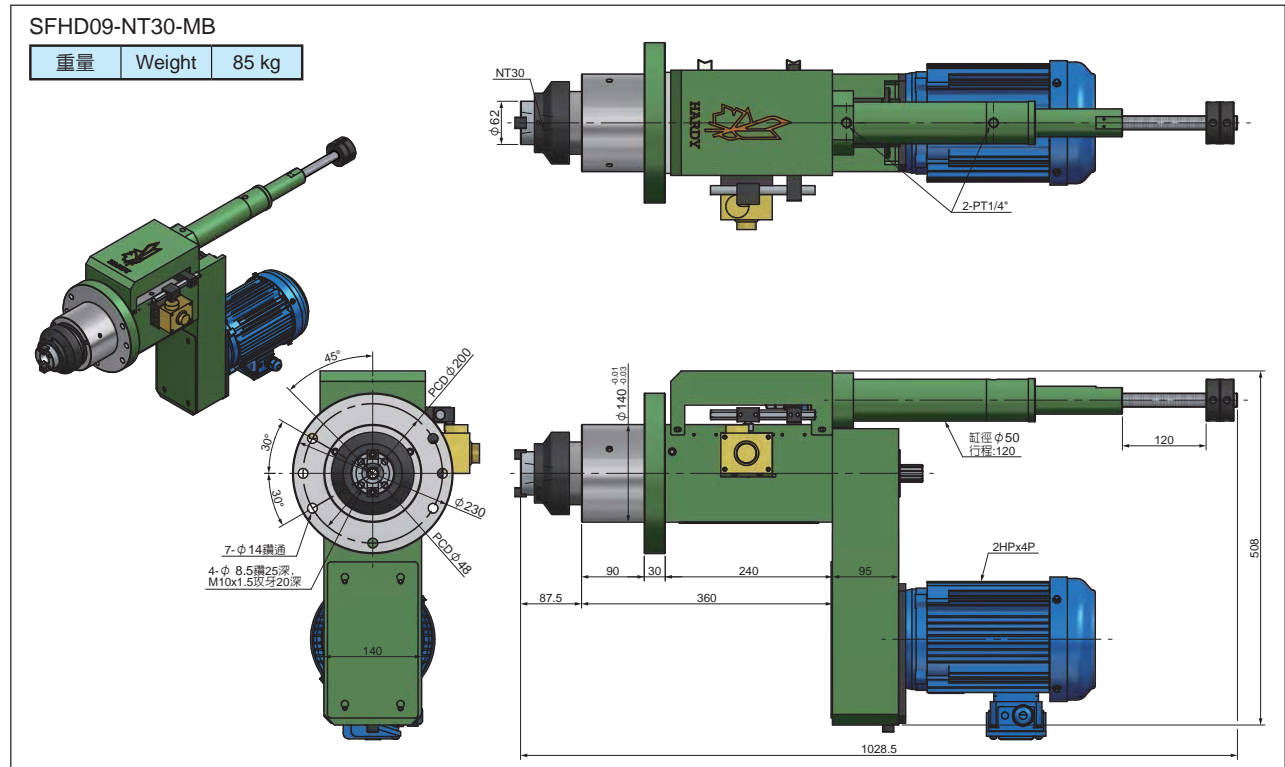
5019# SFHD09-120 水車油壓鑽孔動力頭 Drilling Spindle Head-Hydraulic /Flange Type

規格	Model	SFHD09	SFHD09H
鑽孔能力	Drilling Capacity(S45C)	φ 25	
最大行程	Max. Stroke	120mm	
最高轉速	Max. RPM	3000	8000
馬力	Horsepower	2HP×4P	
主軸皮帶輪	Spindle Pulley	5M-66T, φ 102.3xJx20	
主軸軸承	Spindle Bearing	6007Zx1 / 6006Zx1 32007x1 / 32006x1	7007x2 7006x2
皮帶輪軸承	Pulley Bearing	6010ZZx2	
前蓋油封	Front Cover Seal	TC90-100-12x1	
主軸油封	Spindle Seal	TC50-65-8x1	
活塞O型環	Piston O-ring	P90x2	
防水蓋O型環	Front Cover O-ring	G62x1 / G90x1	
推進壓力	Propel Pressure	油壓(H)30~40kg/cm ²	
油缸面積	Cylinder Diameter	14.7cm ² (缸徑 φ 50 ; 心軸 φ 25)	

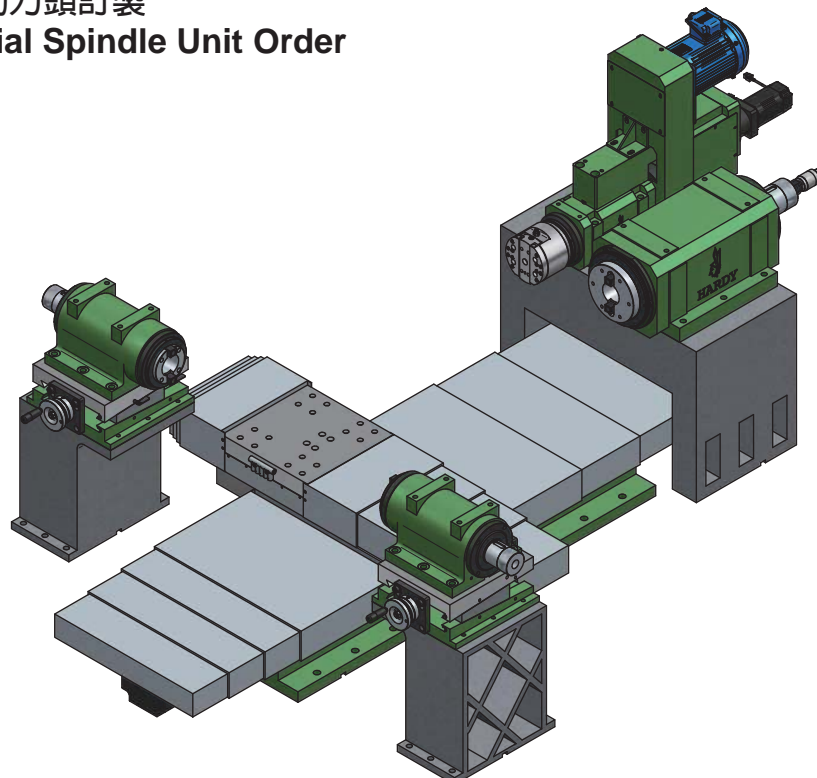
Roundness: ≤ 0.003mm



5019# SFHD09-120 水車油壓鑽孔動力頭 Drilling Spindle Head-Hydraulic /Flange Type



可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order

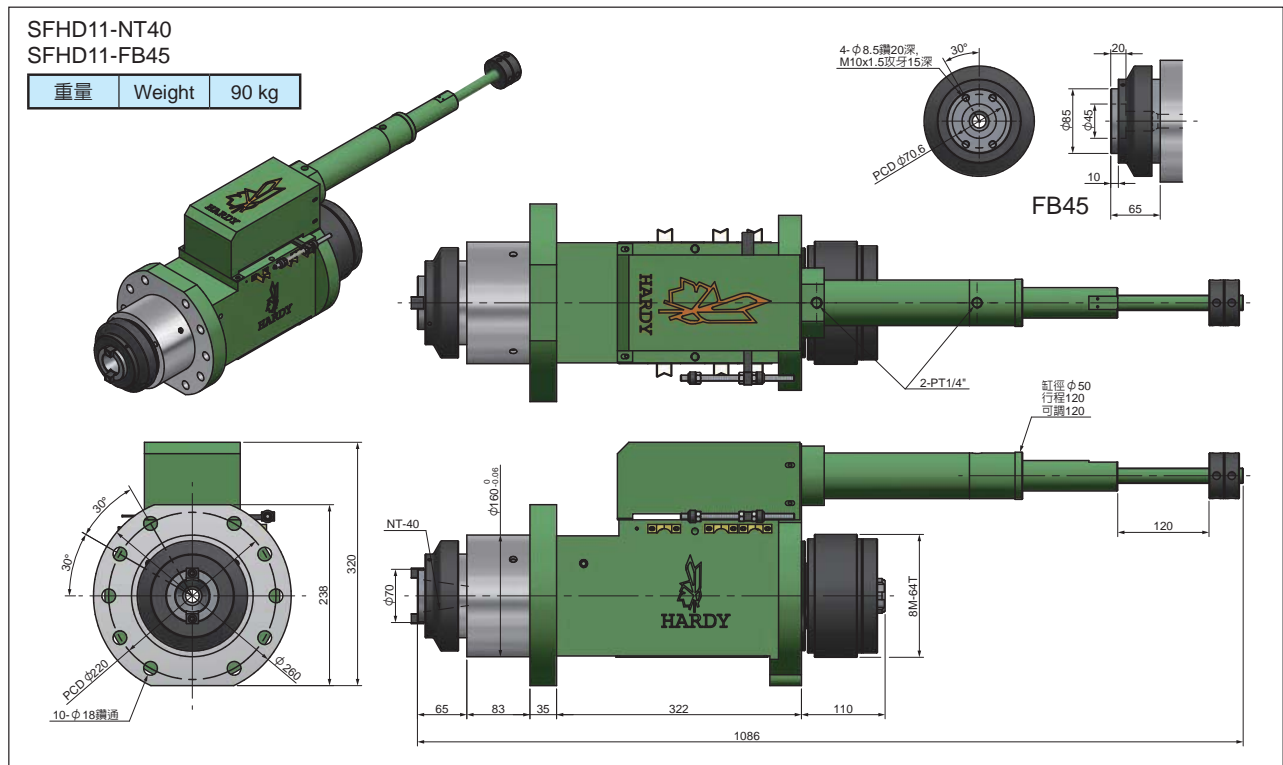




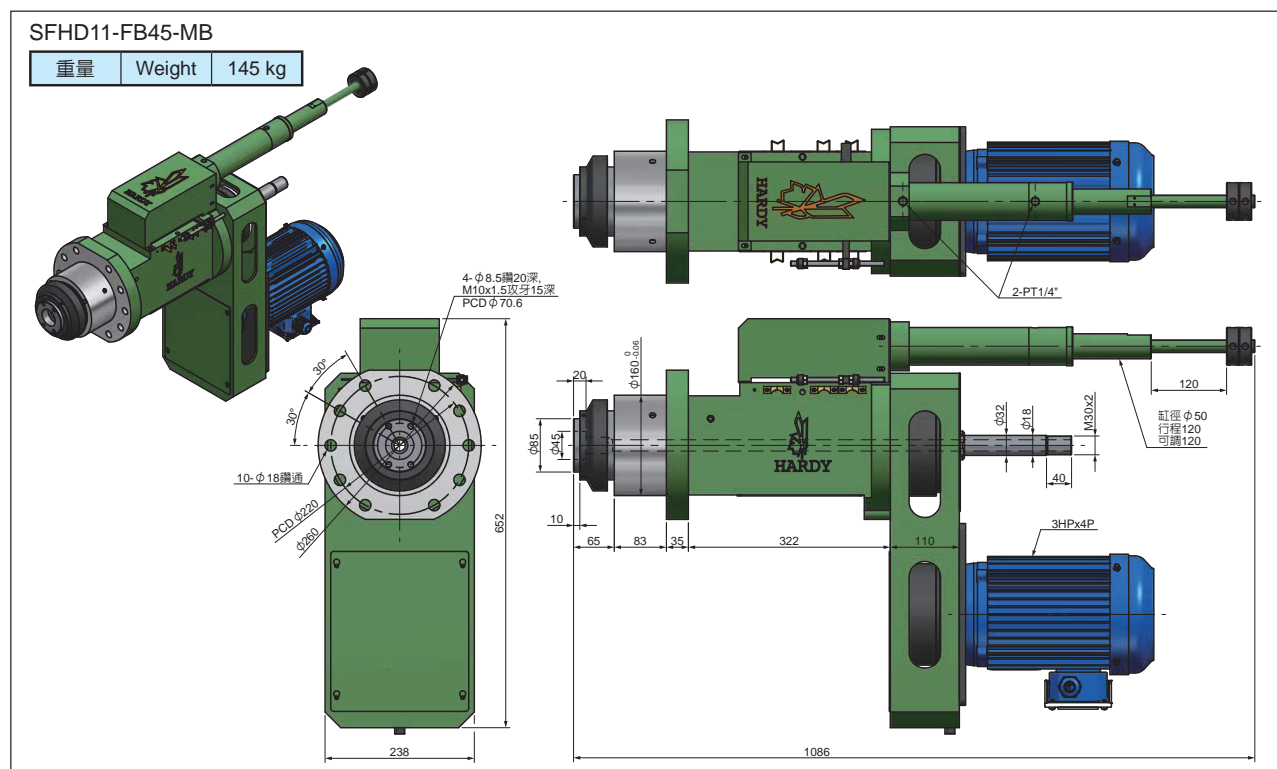
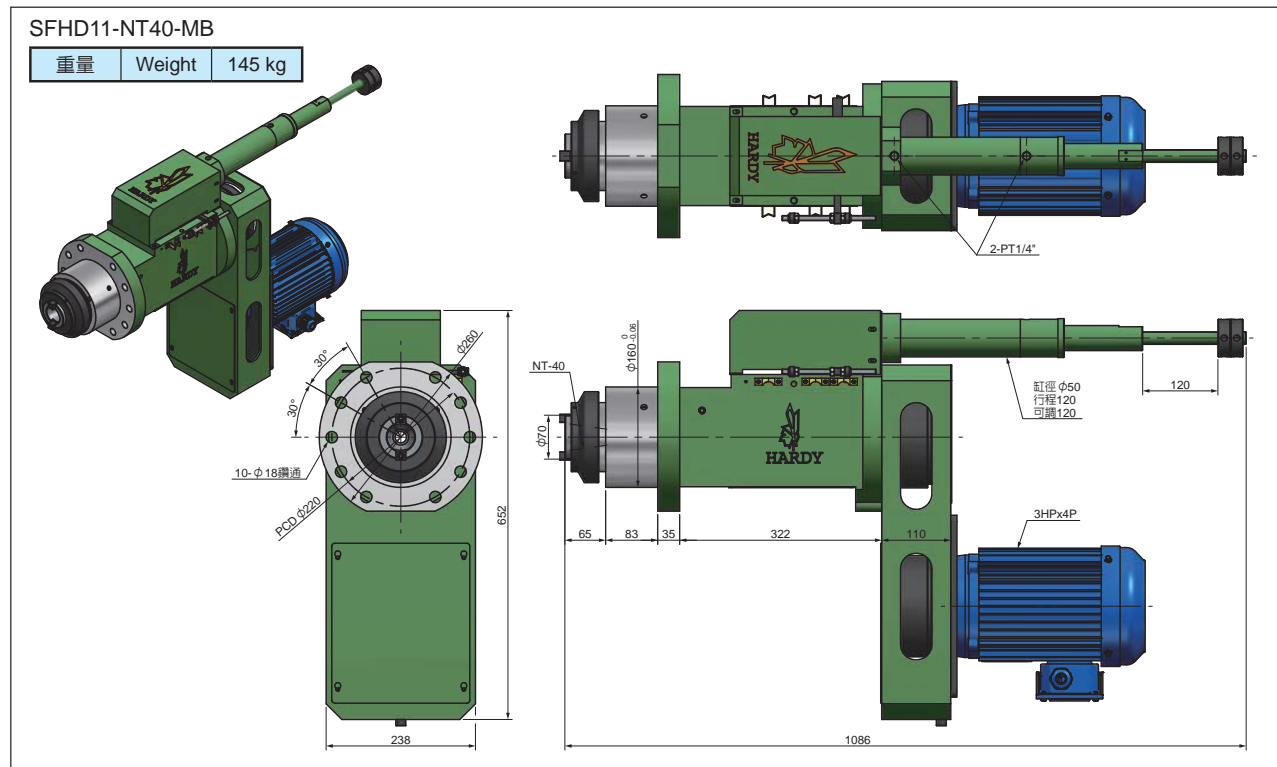
5020# SFHD11-120 水車油壓鑽孔動力頭 Drilling Spindle Head-Hydraulic /Flange Type

規格	Model	SFHD11	SFHD11H
鑽孔能力	Drilling Capacity(S45C)	φ 35	
最大行程	Max. Stroke	120mm	
最高轉速	Max. RPM	1800	4000
馬力	Horsepower	3HP×4P	
主軸皮帶輪	Spindle Pulley	8M-64T	
主軸軸承	Spindle Bearing	6210ZZx2 / 30210x2	7210x4
皮帶輪軸承	Pulley Bearing	6015ZZx2	
前蓋油封	Front Cover Seal	TC110-130-13x1	
主軸油封	Spindle Seal	TC70-90-12x1	
活塞O型環	Piston O-ring	P110x2	
防水蓋O型環	Front Cover O-ring	G85x1 / G110x1	
推進壓力	Propel Pressure	油壓(H)30~40kg/cm ²	
油缸面積	Cylinder Diameter	14.7cm ² (缸徑φ50 ; 心軸φ25)	

Roundness: ≤ 0.003mm



5020# SFHD11-120 水車油壓鑽孔動力頭 Drilling Spindle Head-Hydraulic /Flange Type

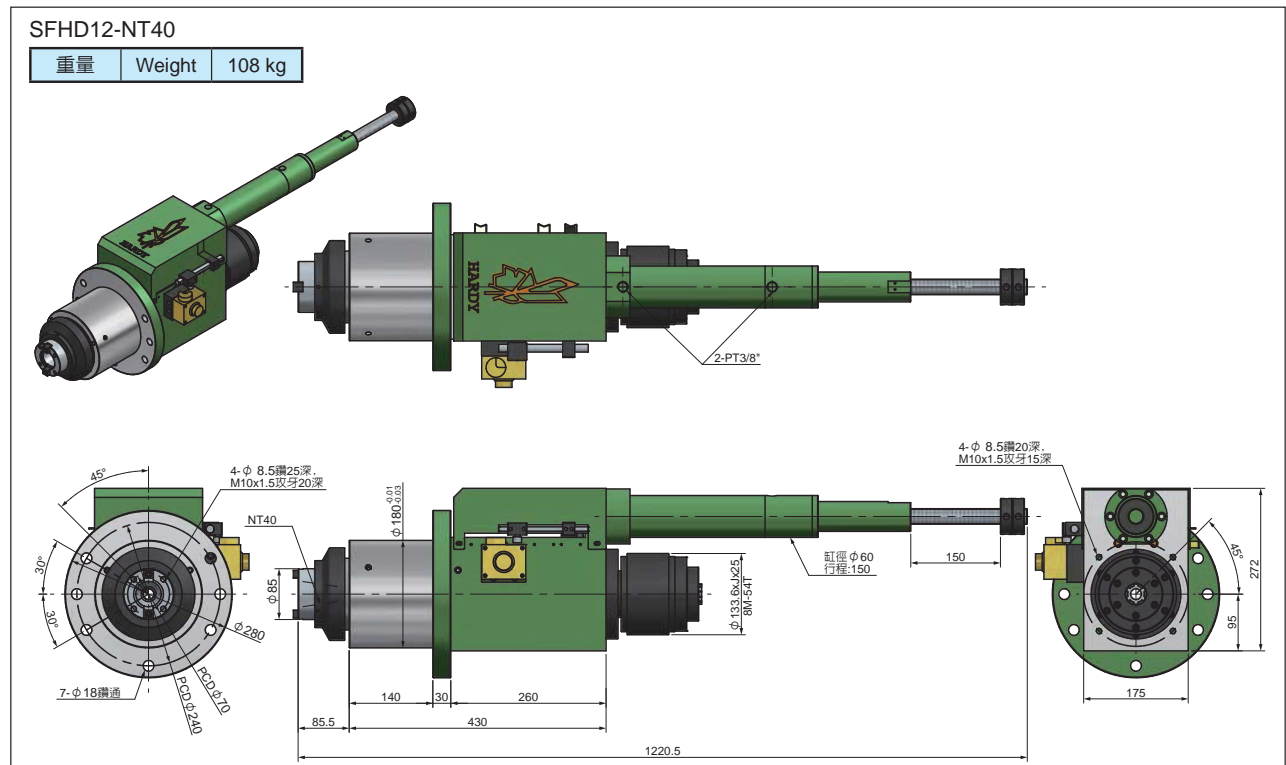




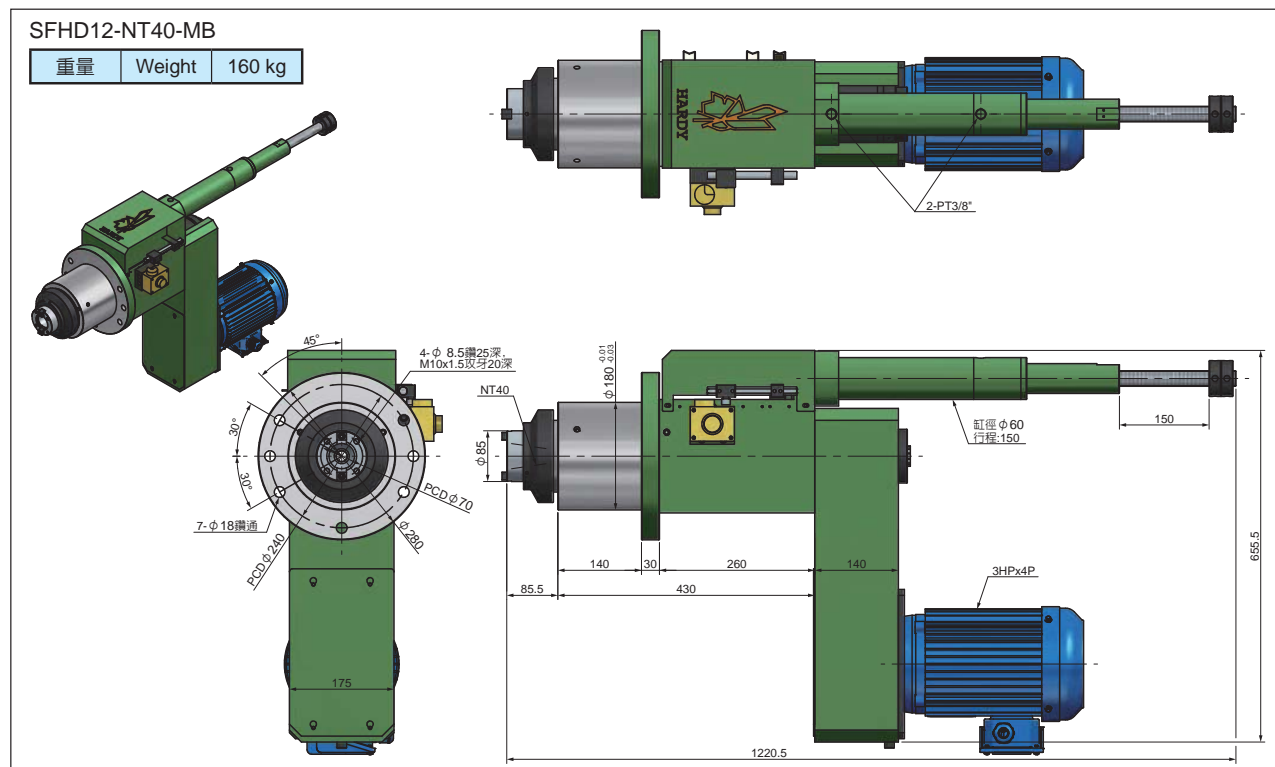
5021# SFHD12-150 水車油壓鑽孔動力頭 Drilling Spindle Head-Hydraulic /Flange Type

規格	Model	SFHD12	SFHD12H
鑽孔能力	Drilling Capacity(S45C)	φ 35	
最大行程	Max. Stroke	150mm	
最高轉速	Max. RPM	2000	6000
馬力	Horsepower	3HP×4P	
主軸皮帶輪	Spindle Pulley	8M-54T , φ 133.6×Jx25	
主軸軸承	Spindle Bearing	6011Zx1 / 6009Zx1 32011x1 / 32009x1	7011x2 7009x2
皮帶輪軸承	Pulley Bearing	6211ZZx2	
前蓋油封	Front Cover Seal	TC120-145-12x1	
主軸油封	Spindle Seal	TC75-90-12x1	
活塞O型環	Piston O-ring	P120x2	
防水蓋O型環	Front Cover O-ring	G85x1 / G120x1	
推進壓力	Propel Pressure	油壓(H)30~40kg/cm ²	
油缸面積	Cylinder Diameter	21.2cm ² (缸徑 φ 60 ; 心軸 φ 30)	

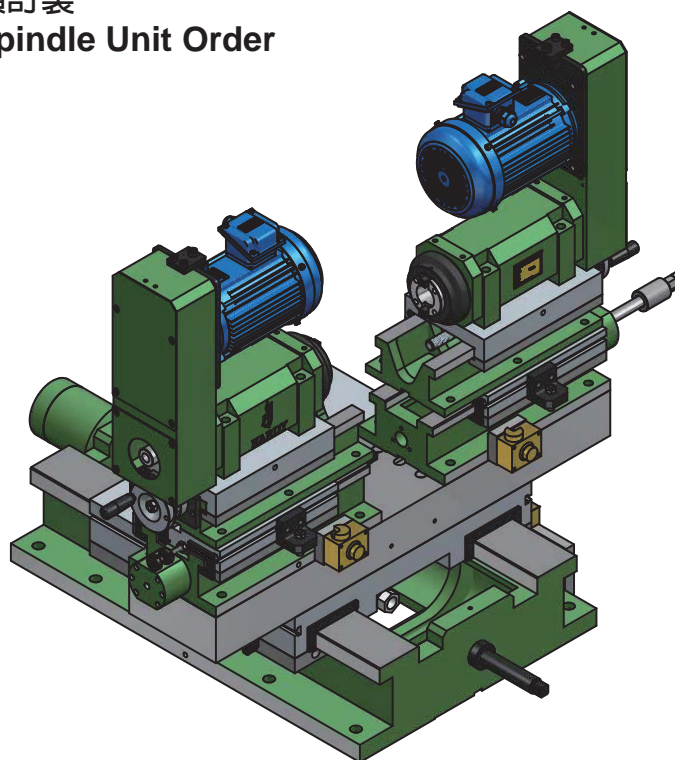
Roundness: $\leq 0.003\text{mm}$



5021# SFHD12-150 水車油壓鑽孔動力頭 Drilling Spindle Head-Hydraulic /Flange Type



可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order

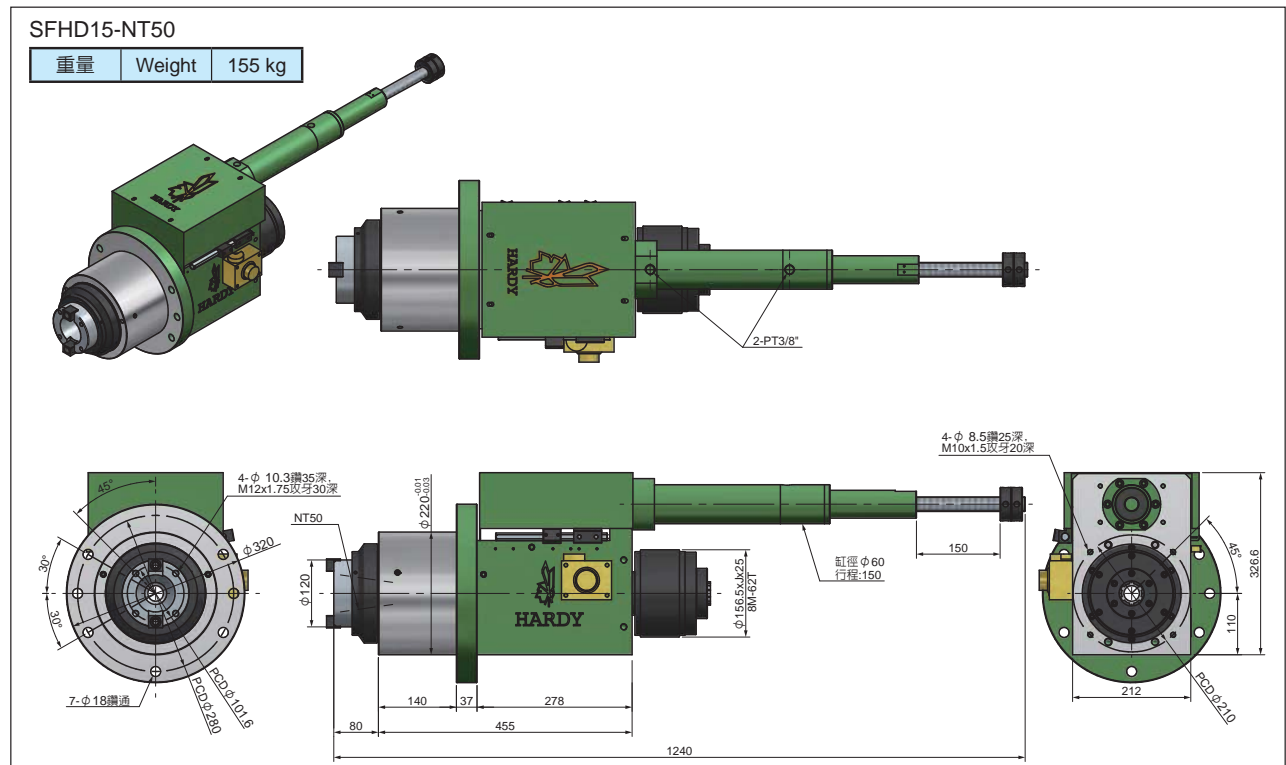




5022# SFHD15-150 水車油壓鑽孔動力頭 Drilling Spindle Head-Hydraulic / Flange Type

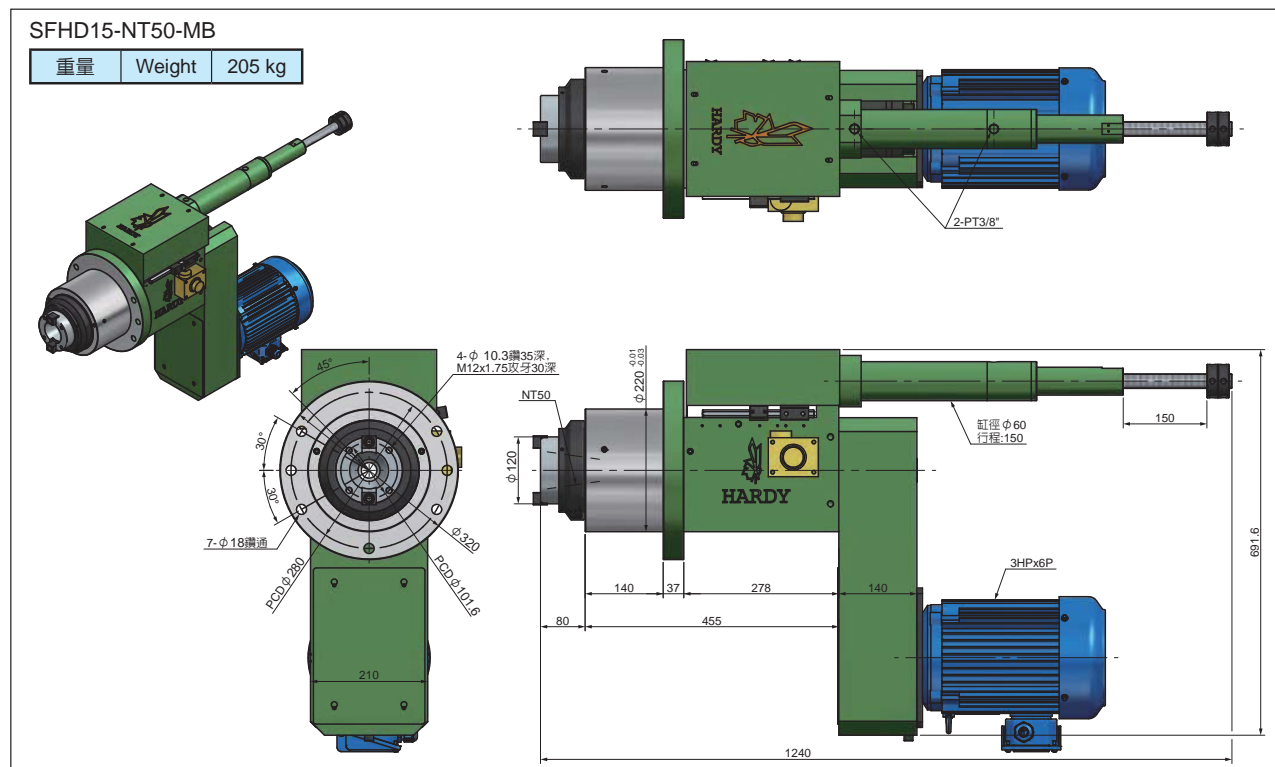
規格	Model	SFHD15	SFHD15H
鑽孔能力	Drilling Capacity(S45C)	φ 50	
最大行程	Max. Stroke	150mm	
最高轉速	Max. RPM	1600	4000
馬力	Horsepower	5HP×4P	
主軸皮帶輪	Spindle Pulley	8M-62T, φ 156.5xJx25	
主軸軸承	Spindle Bearing	6014Zx1 / 6012Zx1 32014x1 / 32012x1	7014x2 7012x2
皮帶輪軸承	Pulley Bearing	6213ZZx2	
前蓋油封	Front Cover Seal	TC150-180-14x1	
主軸油封	Spindle Seal	TC90-100-12x1	
活塞O型環	Piston O-ring	P150x2	
防水蓋O型環	Front Cover O-ring	G120x1 / G150x1	
推進壓力	Propel Pressure	油壓(H)30~40kg/cm ²	
油缸面積	Cylinder Diameter	21.2cm ² (缸徑φ60; 心軸φ30)	

Roundness: $\leq 0.003\text{mm}$

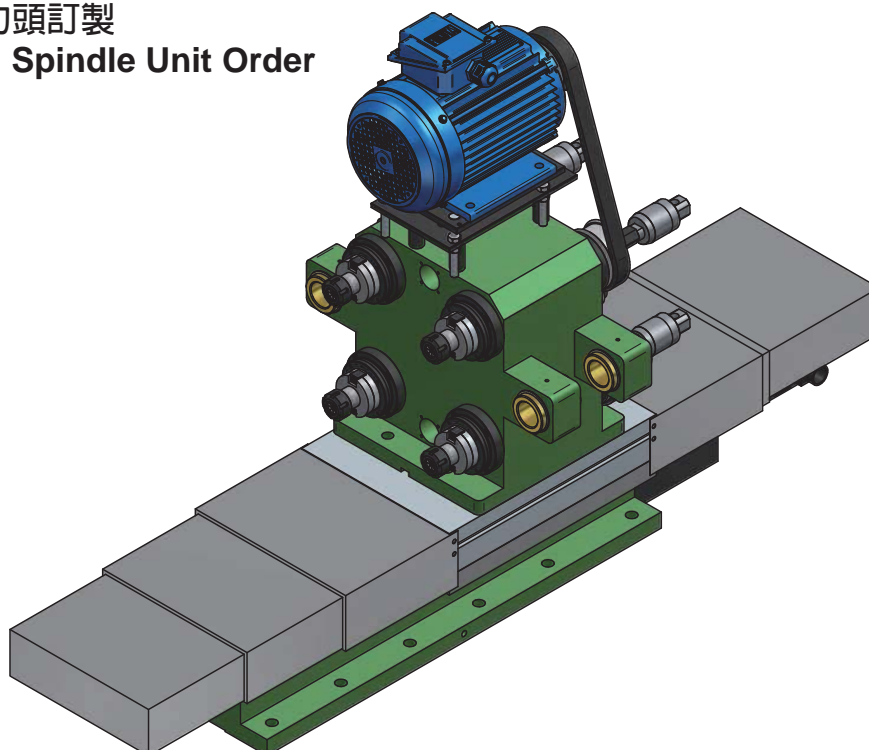




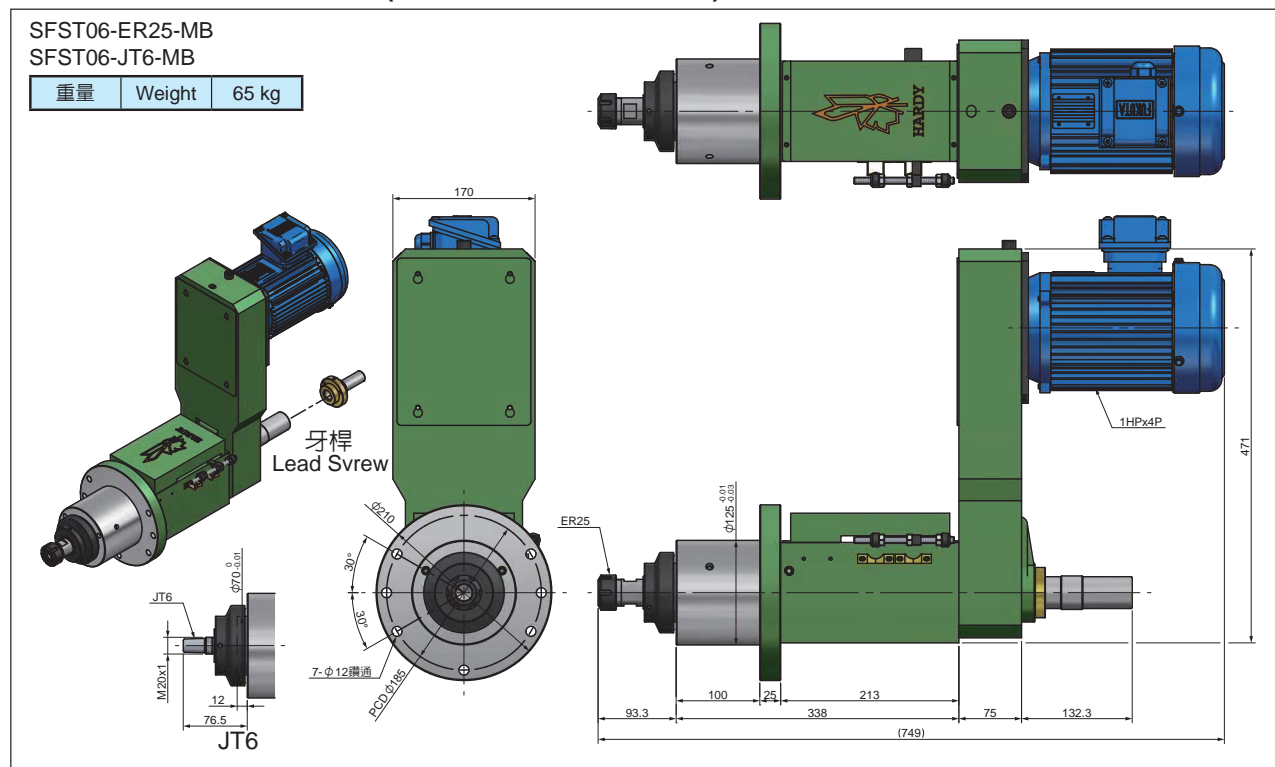
5022# SFHD15-150 水車油壓鑽孔動力頭 Drilling Spindle Head-Hydraulic /Flange Type



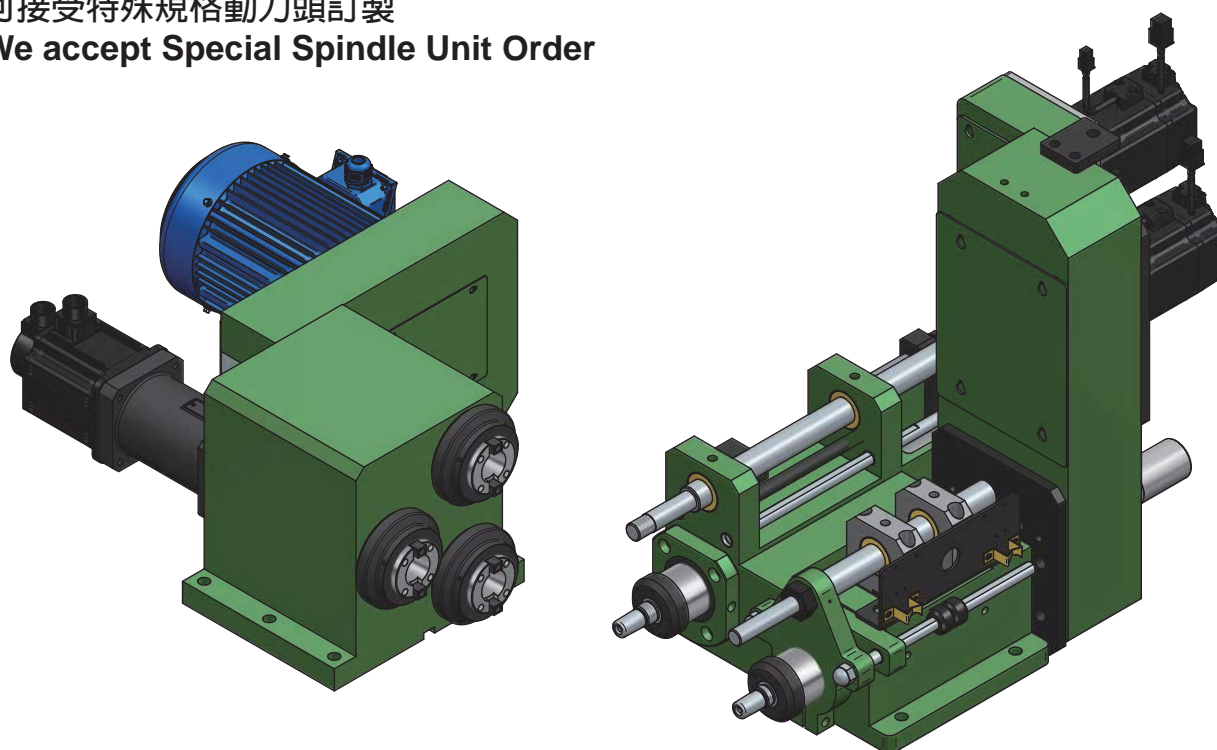
可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order



5023# SFST06-65 水車攻牙動力頭(牙桿傳動) (大陸專利號 : 7529700)
 Tapping Spindle Head /Flange Type/Lead Screw Transmission
 (SIPO Patent No. 7529700)



可接受特殊規格動力頭訂製
 We accept Special Spindle Unit Order



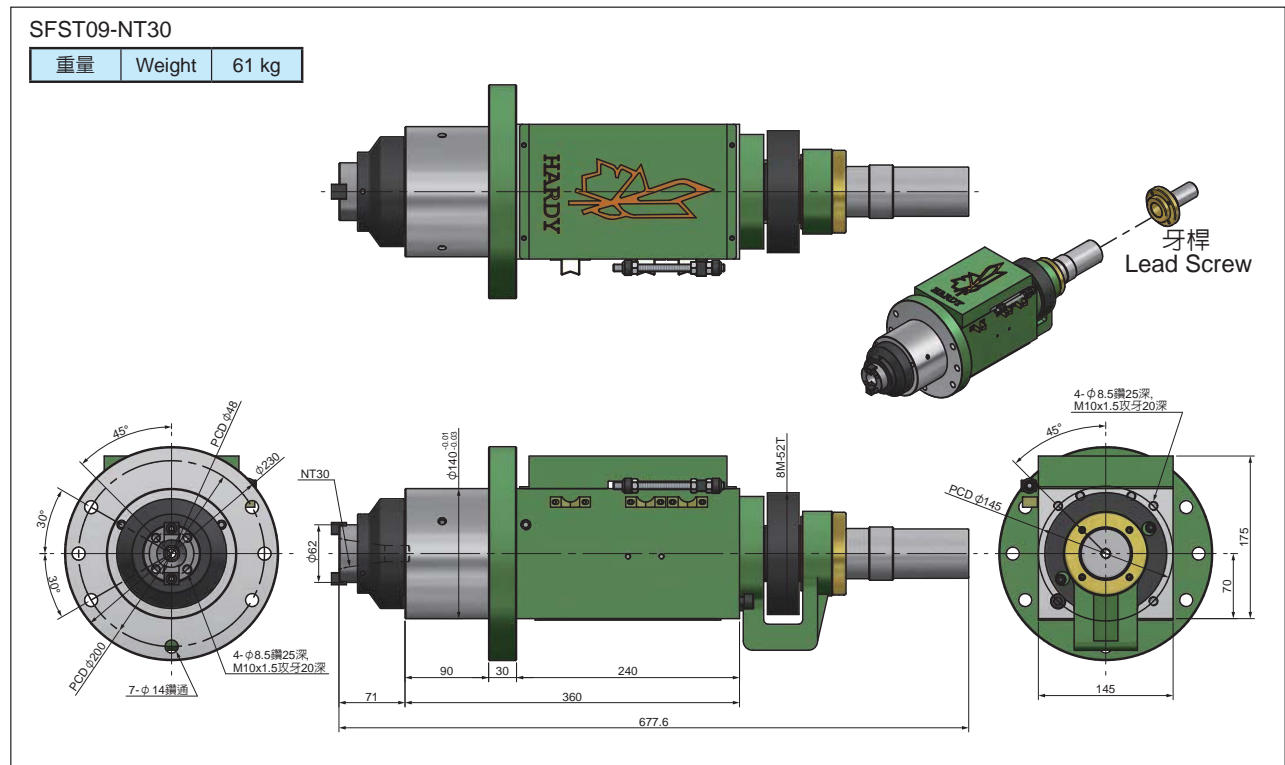


HARDY

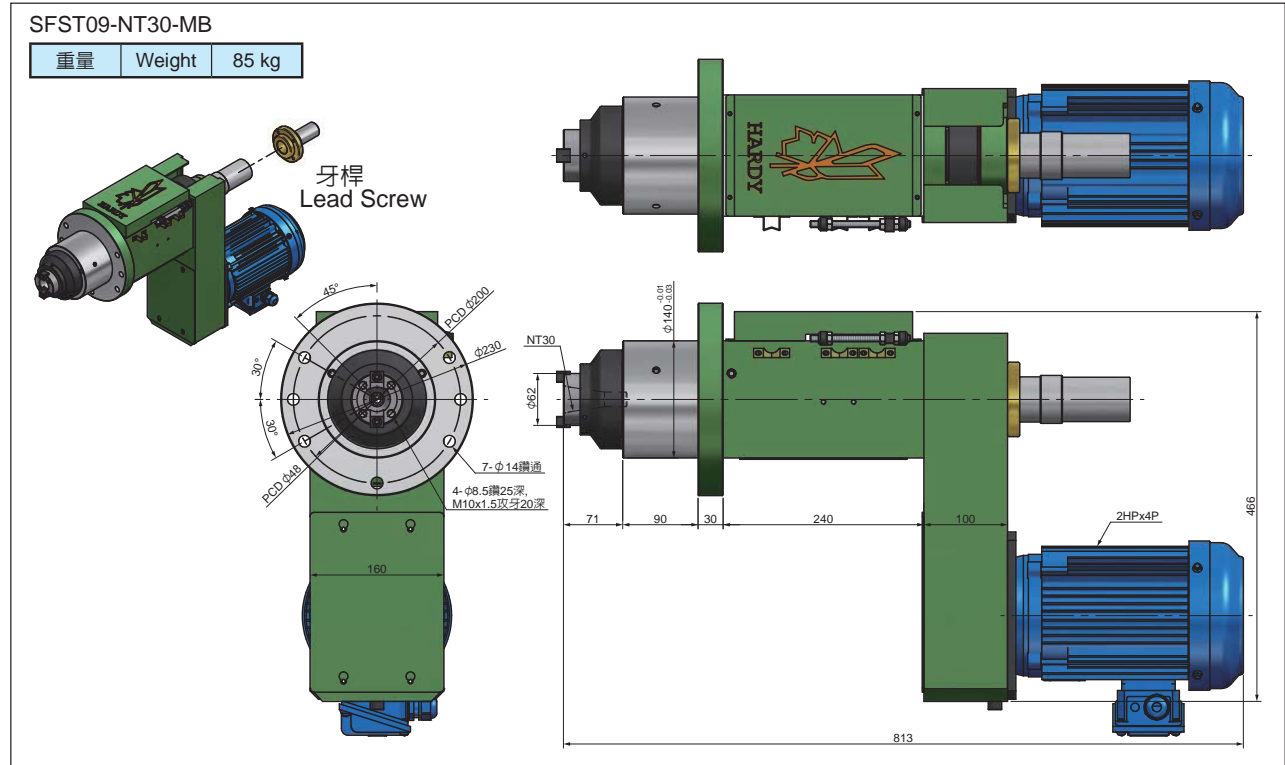
5024# SFST09-85 水車攻牙動力頭(牙桿傳動) (大陸專利號：7529700)
Tapping Spindle Head /Flange Type/Lead Screw Transmission
(SIPO Patent No. 7529700)

規格	Model	SFST09
攻牙能力	Tapping Capacity(S45C)	M30
最大行程	Max. Stroke	85mm
螺旋導程	Thread Guide Pitch	0.7~2.5mm
馬力	Horsepower, 3 Phase	2HPx4P
主軸皮帶輪	Spindle Pulley	8M-52T
主軸軸承	Spindle Bearing	6007Zx1, 6006Zx1 32007x1, 32006x1
皮帶輪軸承	Pulley Bearing	6010ZZx3
前蓋油封	Front Cover Seal	TC90-110-12x1
前蓋O型環	Front Cover O-ring	G90x1 / G62x1
主軸油封	Spindle Seal	TC50-65-8x1
活塞O型環	Piston O-ring	P90x2

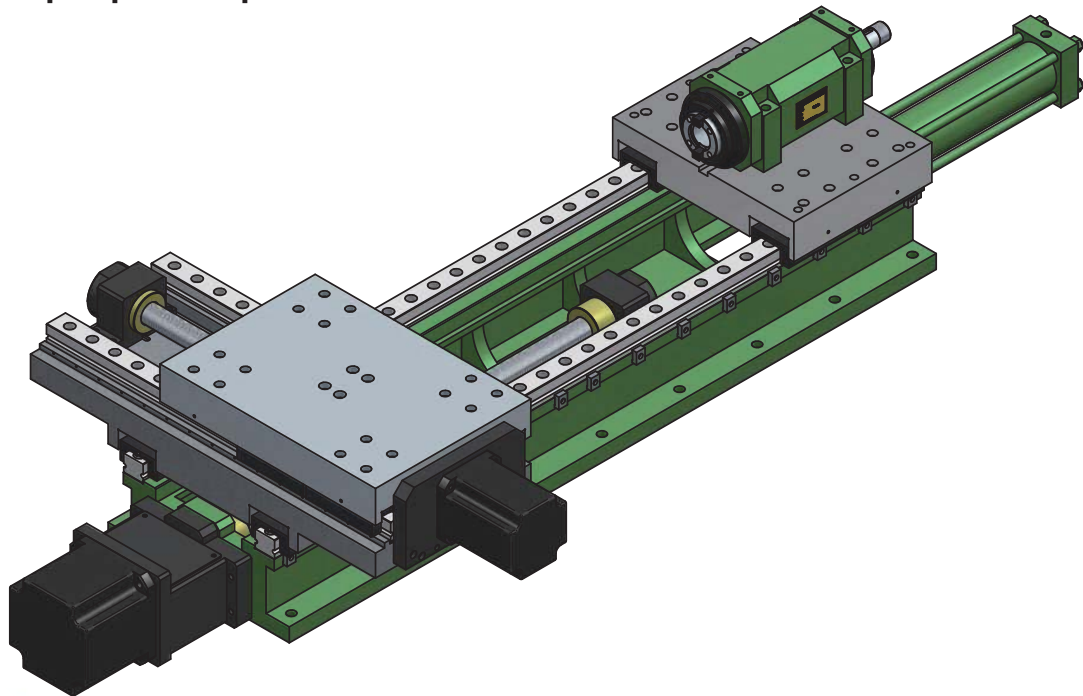
Roundness: $\leq 0.003\text{mm}$



5024# SFST09-85 水車攻牙動力頭(牙桿傳動) (大陸專利號：7529700)
 Tapping Spindle Head /Flange Type/Lead Screw Transmission
 (SIPO Patent No. 7529700)



可接受特殊規格動力頭訂製
 We accept Special Spindle Unit Order



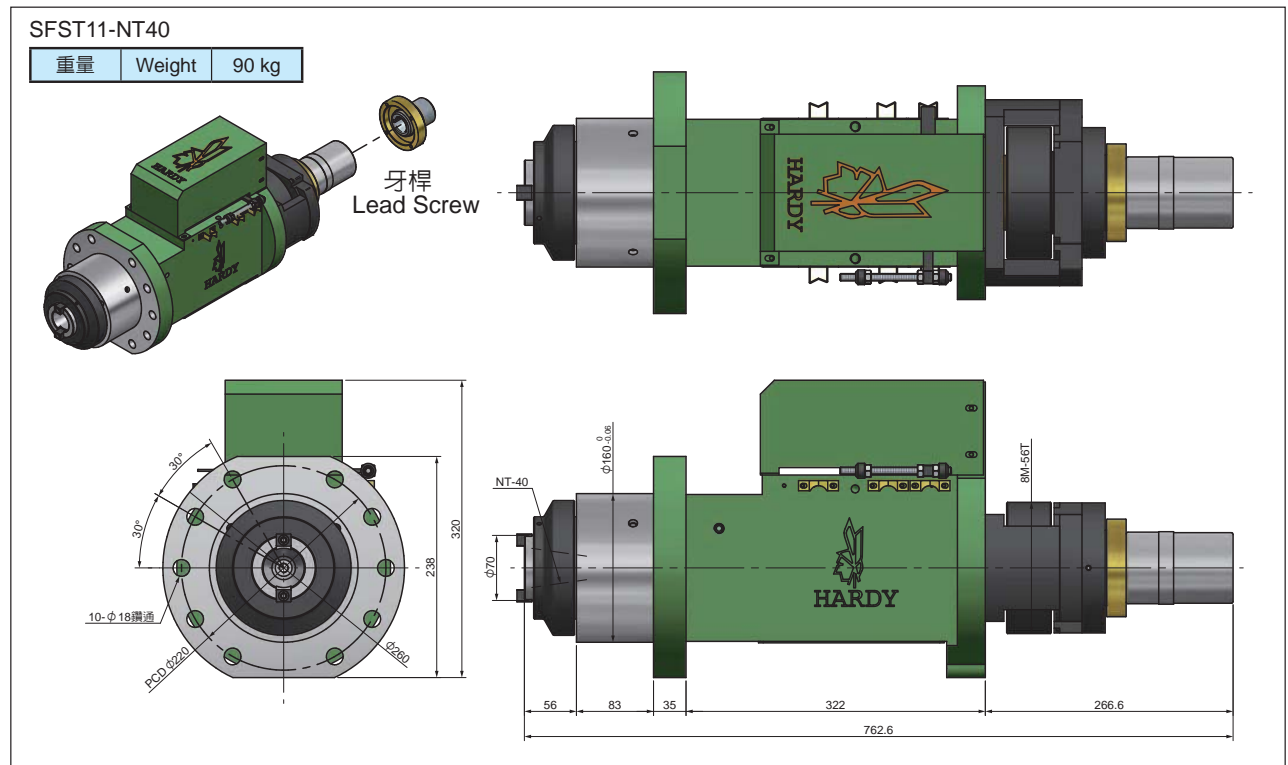


HARDY

5025# SFST11-90 水車攻牙動力頭(牙桿傳動)(大陸專利號：7529700)
Tapping Spindle Head /Flange Type/Lead Screw Transmission
(SIPO Patent No. 7529700)

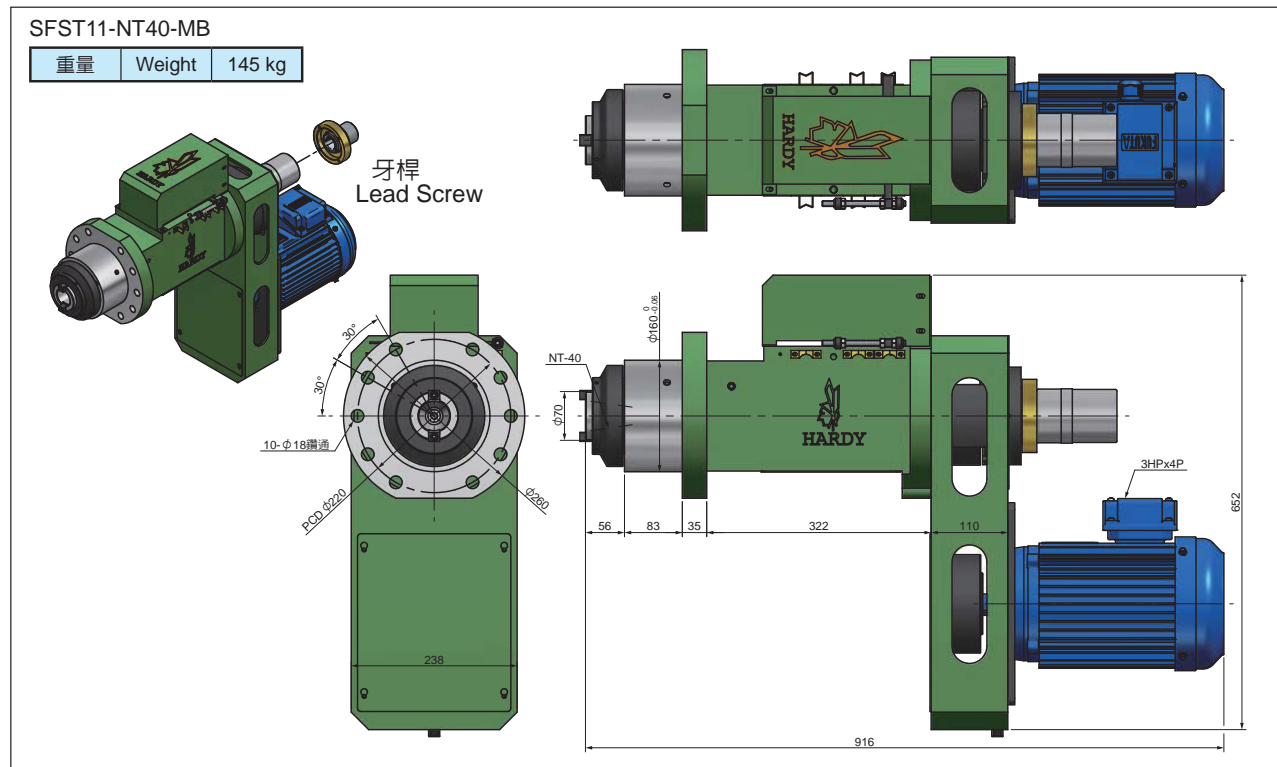
規格	Model	SFST11
攻牙能力	Tapping Capacity(S45C)	M35
最大行程	Max. Stroke	90mm
螺旋導程	Thread Guide Pitch	0.8~3.0mm
馬力	Horsepower, 3 Phase	3HP×4P
主軸皮帶輪	Spindle Pulley	8M-56T
主軸軸承	Spindle Bearing	6210ZZ×3
皮帶輪軸承	Pulley Bearing	6013ZZ×1 / 6015ZZ×1
前蓋油封	Front Cover Seal	TC110-130-13×1
前蓋O型環	Front Cover O-ring	G70×1 / G110×1
主軸油封	Spindle Seal	TC70-90-12×1
活塞O型環	Piston O-ring	P110×2

Roundness: $\leq 0.003\text{mm}$

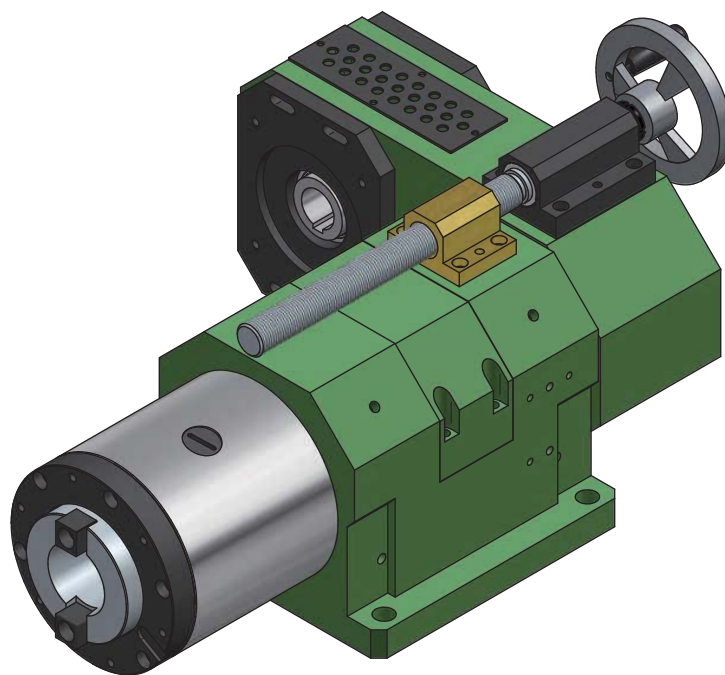




5025# SFST11-90 水車攻牙動力頭(牙桿傳動)(大陸專利號: 7529700)
Tapping Spindle Head /Flange Type/Lead Screw Transmission
(SIPO Patent No. 7529700)



可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order

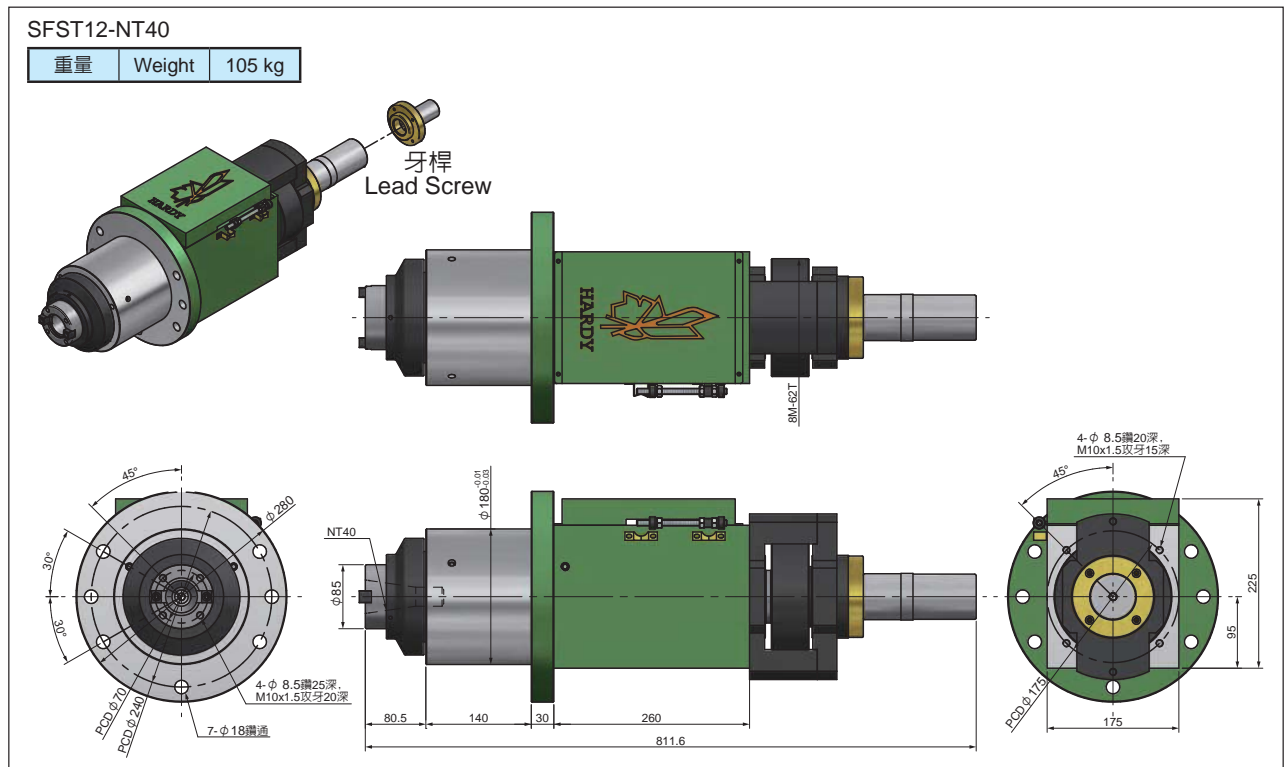




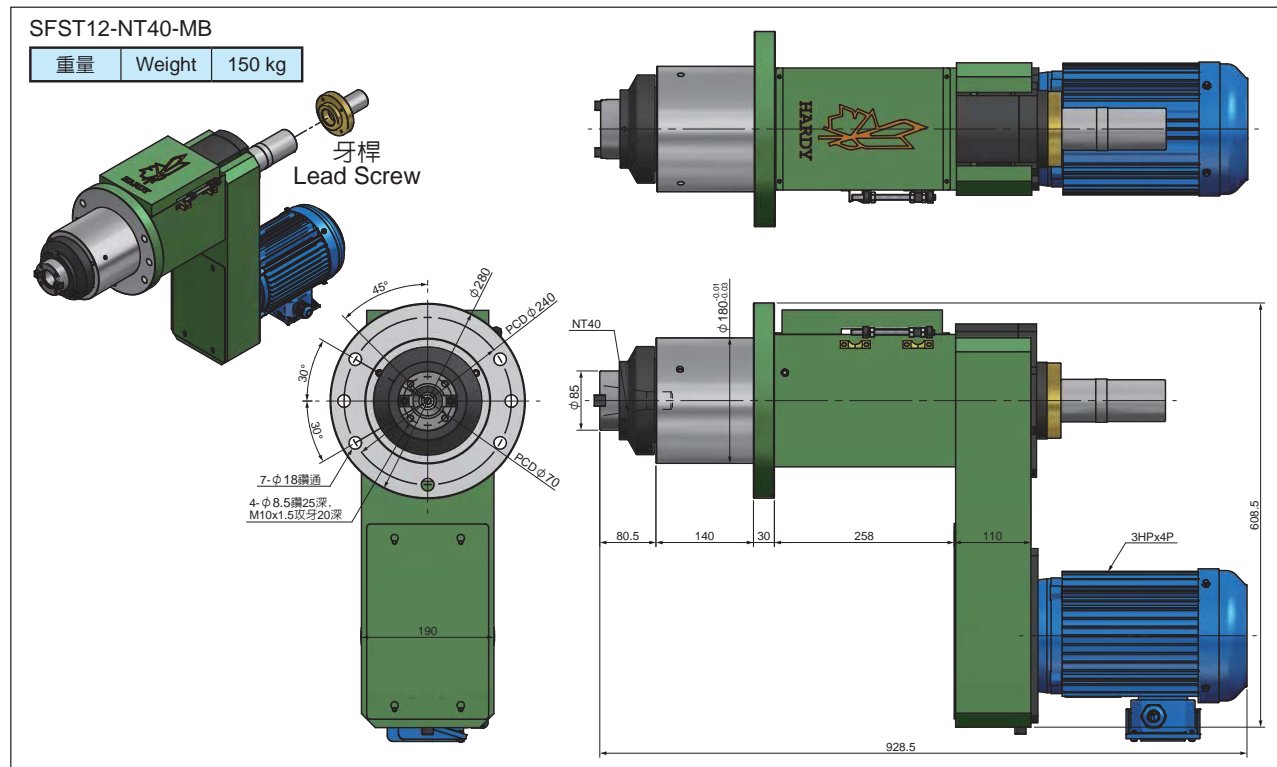
5026# SFST12-90 水車攻牙動力頭(牙桿傳動)(大陸專利號：7529700) Tapping Spindle Head /Flange Type/Lead Screw Transmission (SIPO Patent No. 7529700)

規格	Model	SFST12
攻牙能力	Tapping Capacity(S45C)	M45
最大行程	Max. Stroke	90mm
螺旋導程	Thread Guide Pitch	0.8~3.0mm
馬力	Horsepower, 3 Phase	3HP×4P
主軸皮帶輪	Spindle Pulley	8M-62T
主軸軸承	Spindle Bearing	6011Z×1, 6009Z×1 32011×1, 32009×1
皮帶輪軸承	Pulley Bearing	6211ZZ×2
前蓋油封	Front Cover Seal	TC120-145-12×1
前蓋O型環	Front Cover O-ring	G120×1 / G85×1
主軸油封	Spindle Seal	TC75-90-12×1
活塞O型環	Piston O-ring	P120×2

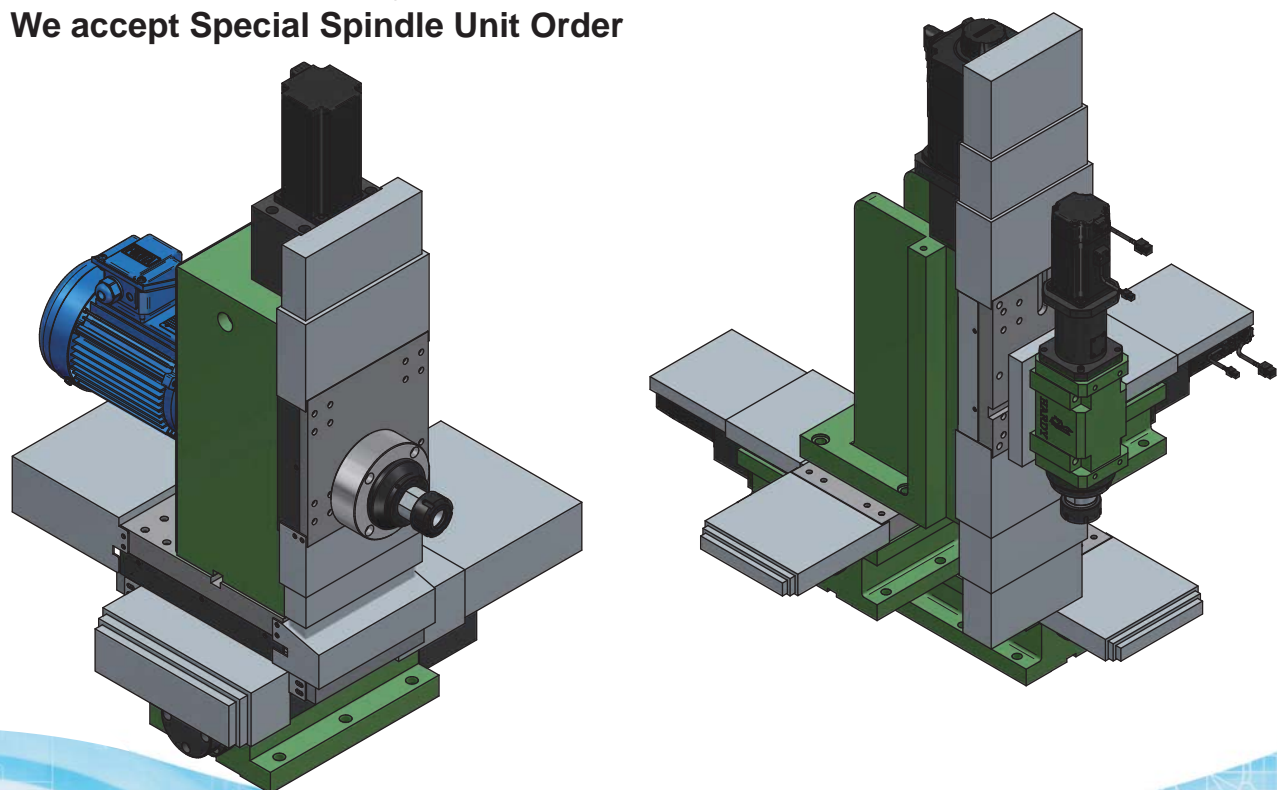
Roundness: $\leq 0.003\text{mm}$



5026# SFST12-90 水車攻牙動力頭(牙桿傳動)(大陸專利號: 7529700)
 Tapping Spindle Head /Flange Type/Lead Screw Transmission
 (SIPO Patent No. 7529700)



可接受特殊規格動力頭訂製
 We accept Special Spindle Unit Order

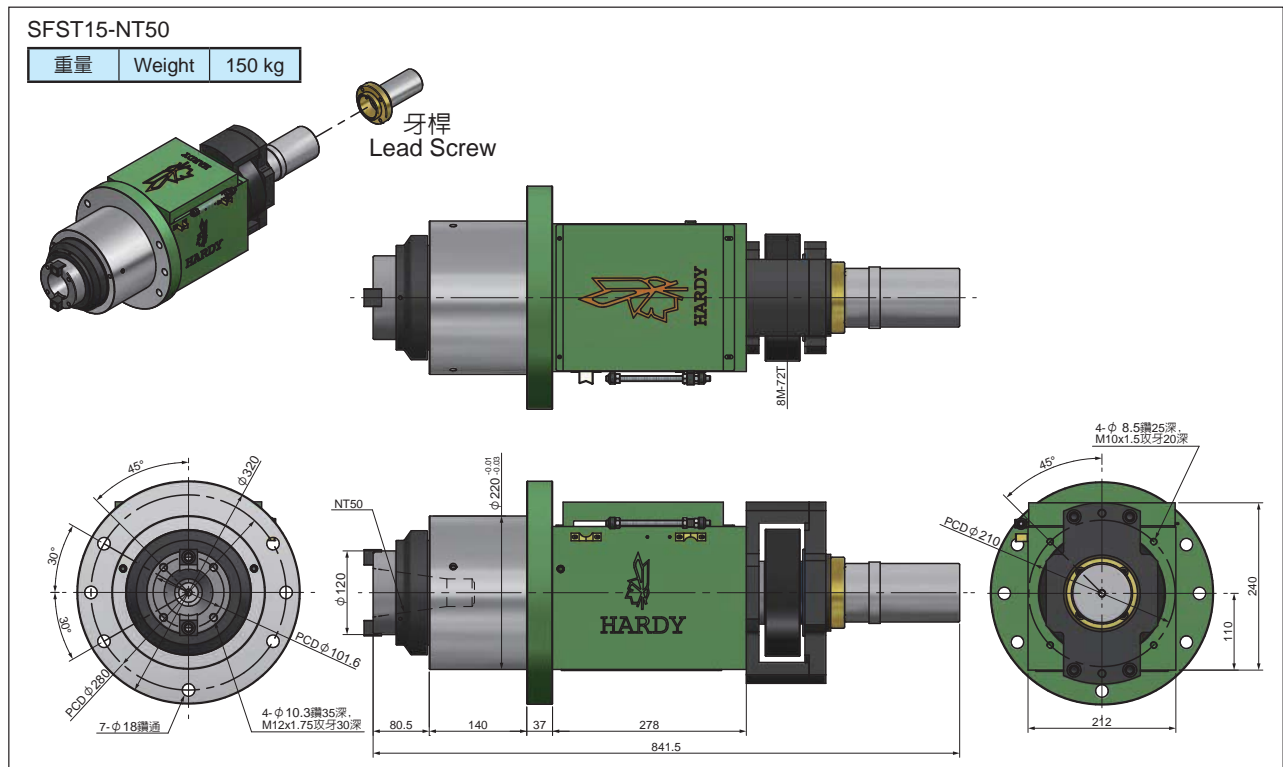




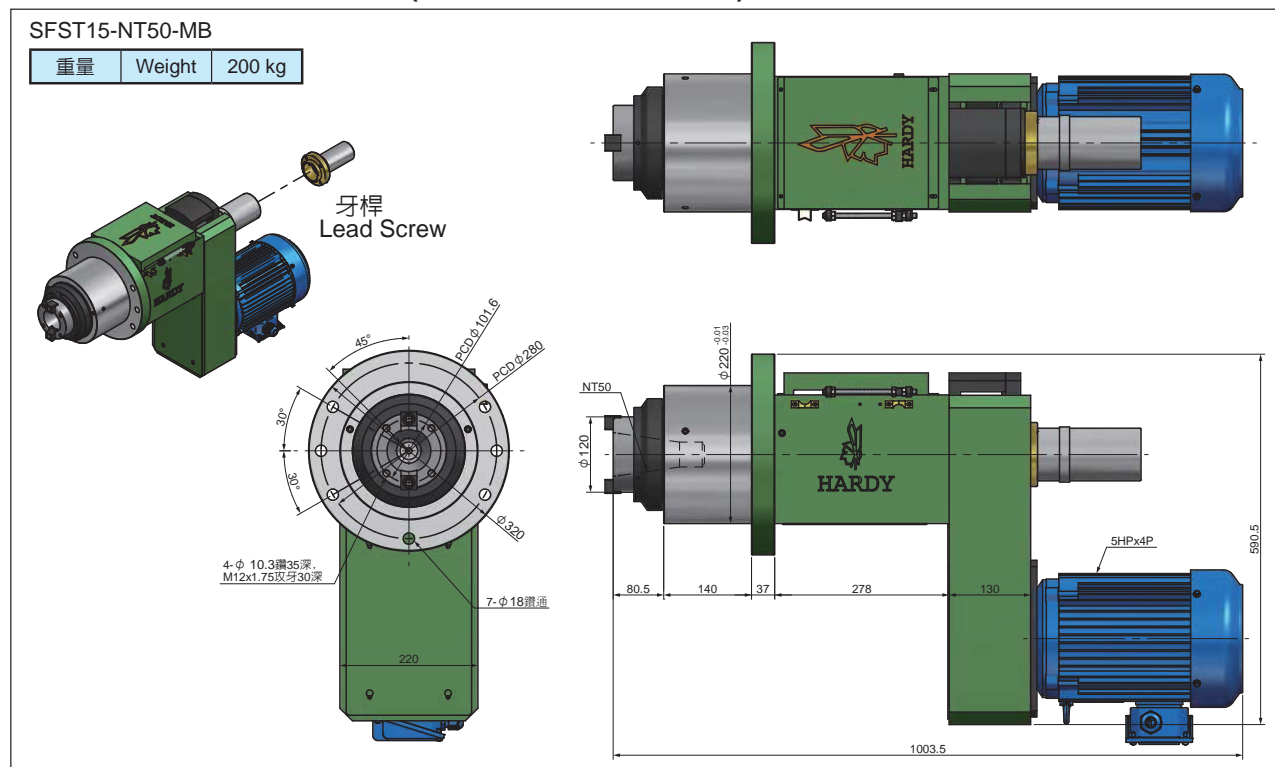
5027# SFST15-120 水車攻牙動力頭(牙桿傳動)(大陸專利號: 7529700)
 Tapping Spindle Head / Flange Type / Lead Screw Transmission
 (SIPO Patent No. 7529700)

規格	Model	SFST15
攻牙能力	Tapping Capacity(S45C)	M50
最大行程	Max. Stroke	120mm
螺旋導程	Thread Guide Pitch	0.8~3.0mm
馬力	Horsepower, 3 Phase	5HP×4P
主軸皮帶輪	Spindle Pulley	8M-72T
主軸軸承	Spindle Bearing	6014Z×1, 6012Z×1 32014×1, 32012×1
皮帶輪軸承	Pulley Bearing	6214ZZ×2
前蓋油封	Front Cover Seal	TC150-180-14×1
前蓋O型環	Front Cover O-ring	G120×1 / G150×1
主軸油封	Spindle Seal	TC90-100-12×1
活塞O型環	Piston O-ring	P150×2

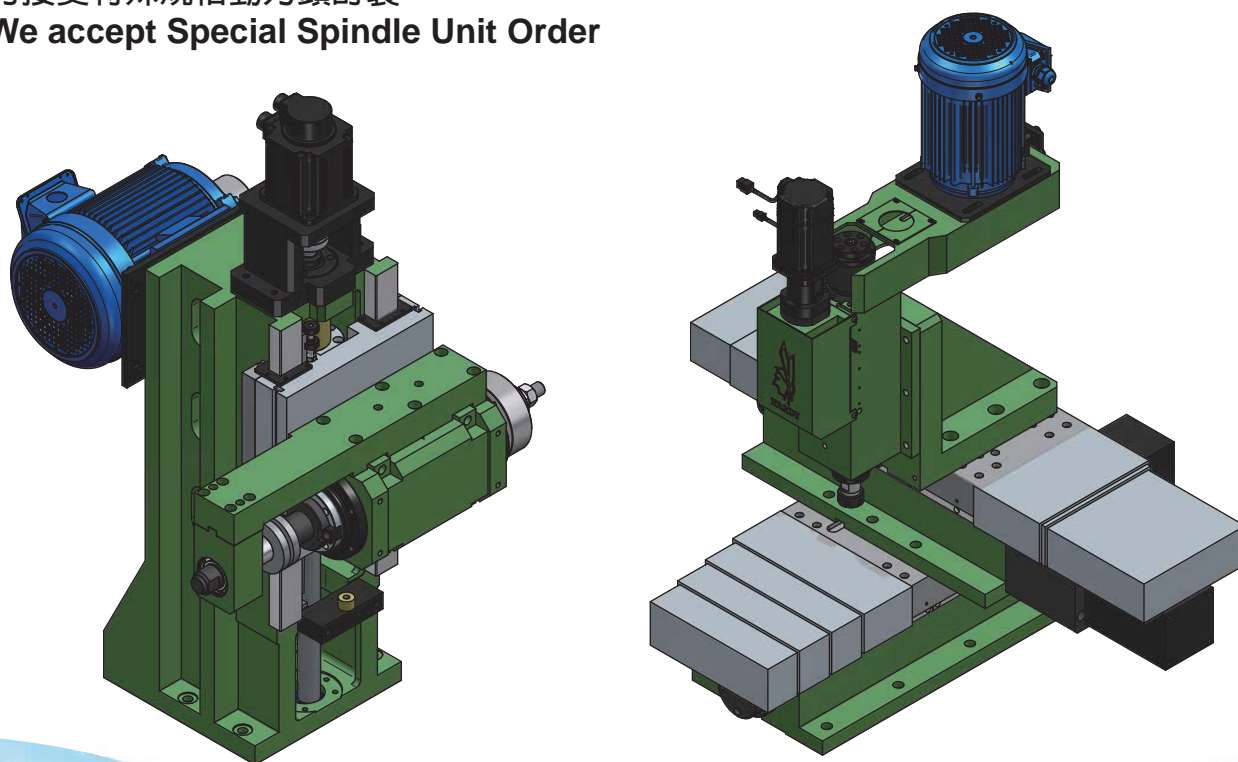
Roundness: $\leq 0.003\text{mm}$



5027# SFST15-120 水車攻牙動力頭(牙桿傳動) (大陸專利號 : 7529700)
 Tapping Spindle Head /Flange Type/Lead Screw Transmission
 (SIPO Patent No. 7529700)



可接受特殊規格動力頭訂製
 We accept Special Spindle Unit Order



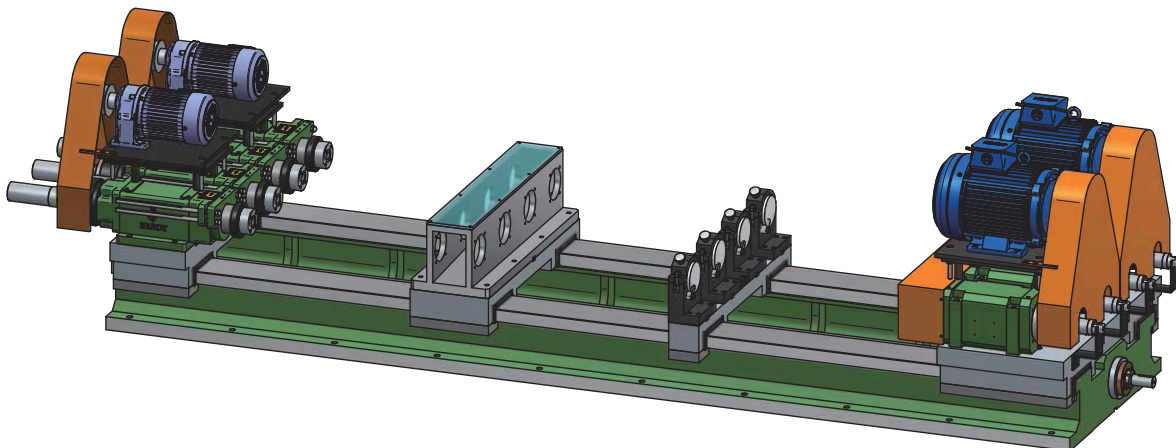


5028# SSFSD09-120 水車伺服展刀動力頭(專利號碼:M510810)
Facing Spindle Head-Servo / Flange Type (Patent No.M510810)

規格	Model	SSFSD09-120M-NT30
最大行程	Max. Stroke	120mm
最高轉速	Max. RPM	1600
馬力	Horsepower	3HP×4P
主軸皮帶輪	Spindle Pulley	5M-66T
主軸軸承	Spindle Bearing	6007Z×1 / 6006Z×1 32007×1 / 32006×1
皮帶輪軸承	Pulley Bearing	6010ZZ×2
前蓋油封	Front Cover Seal	TC90-110-12×1
主軸油封	Spindle Seal	TC50-65-8×1
活塞O型環	Piston O-ring	P90×2
防水蓋O型環	Front Cover O-ring	G62×1 / G90×1
進給螺桿	Spindle Feeding Ball Screw	φ 20×5×C5
展刀螺桿	Facing Head Slider Ball Screw	φ 20×5×C5
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7203×4
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC20-40-8×2 / TC24-38-8×2
展刀軸承座軸承	Bearing Of Facing Head	7207×2 / 7203×2
展刀軸承座油封	Seal Of Facing Head	TC45-70-8×1 TC20-40-8×1 / TC24-38-8×1
展刀搪溝頭	Single-Slide Facing Head	FA-408
滑座行程	Slider Stroke	8 mm

Roundness: ≤ 0.003mm
Slider Self-Repeatability: ≤ 0.005mm (展刀靜態重複定位)

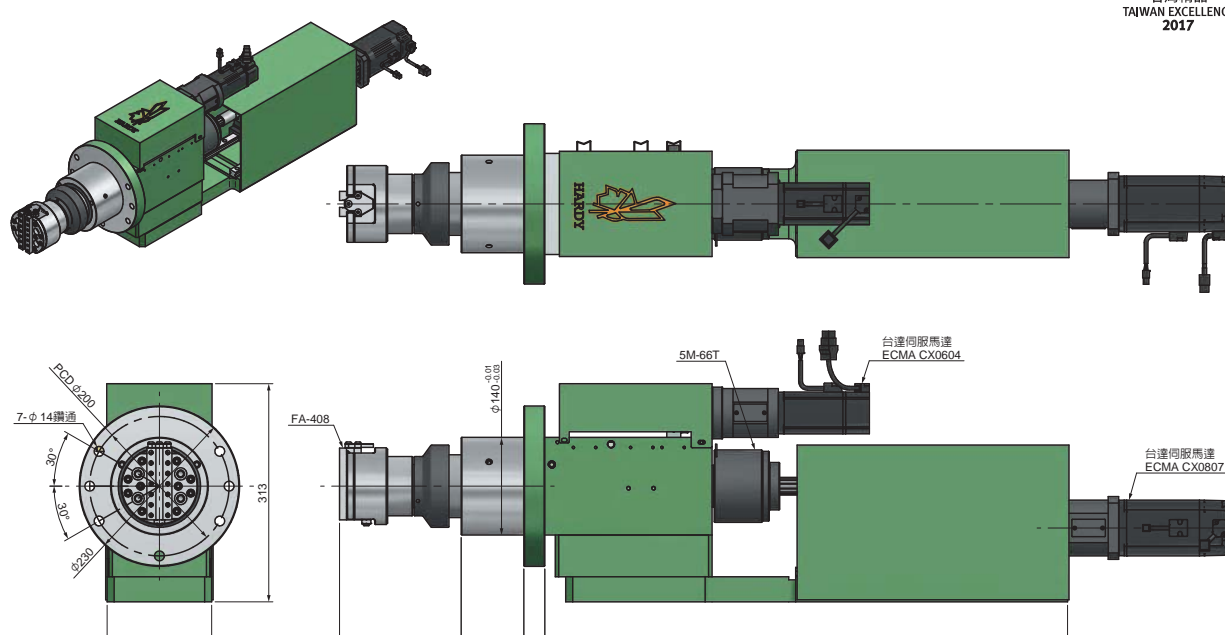
可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order
臥式四軸深孔加工(槍鑽)



5028# SSFSD09-120 水車伺服展刀動力頭(專利號碼:M510810) Facing Spindle Head-Servo / Flange Type (Patent No.M510810)

SSFSD09-NT30

重量	Weight	kg
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台達伺服馬達
ECMA CX0604

台達伺服馬達
ECMA CX0807

5M-66T

FA-408

7-φ14溝通

PCD φ200

30°

φ230

150

313

174.5

90

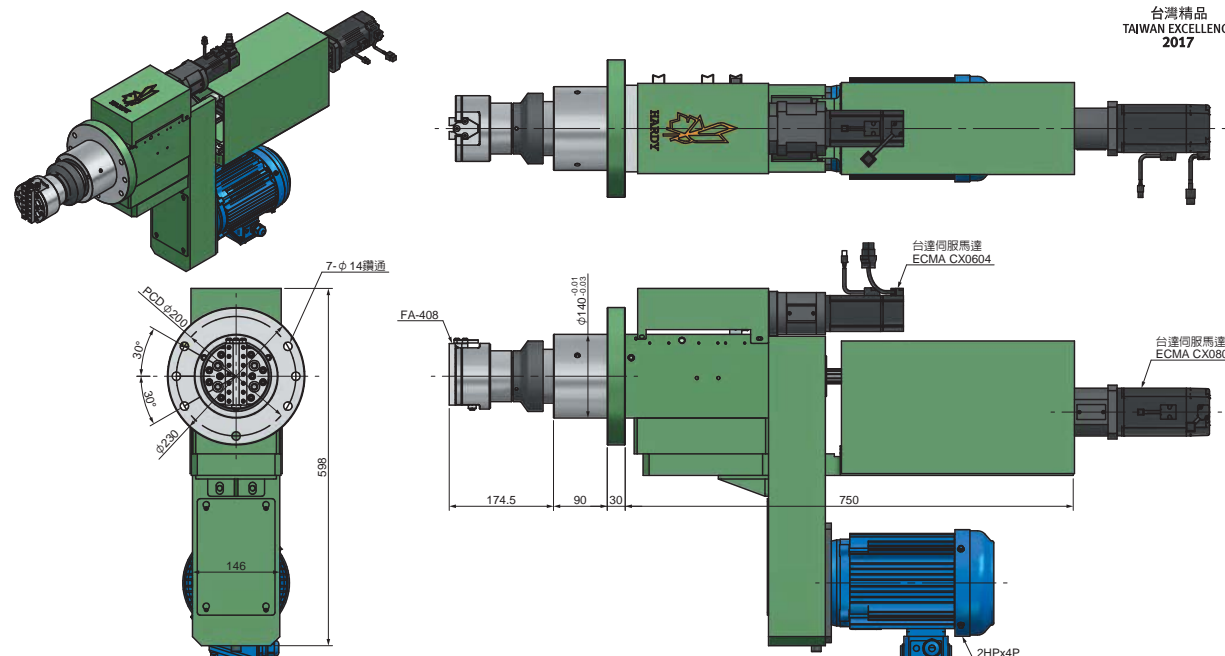
30

750

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2017

SSFSD09-NT30-MB

重量	Weight	kg
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台達伺服馬達
ECMA CX0604

台達伺服馬達
ECMA CX0807

2HPx4P

FA-408

7-φ14溝通

PCD φ200

30°

φ230

598

146

174.5

90

30

750

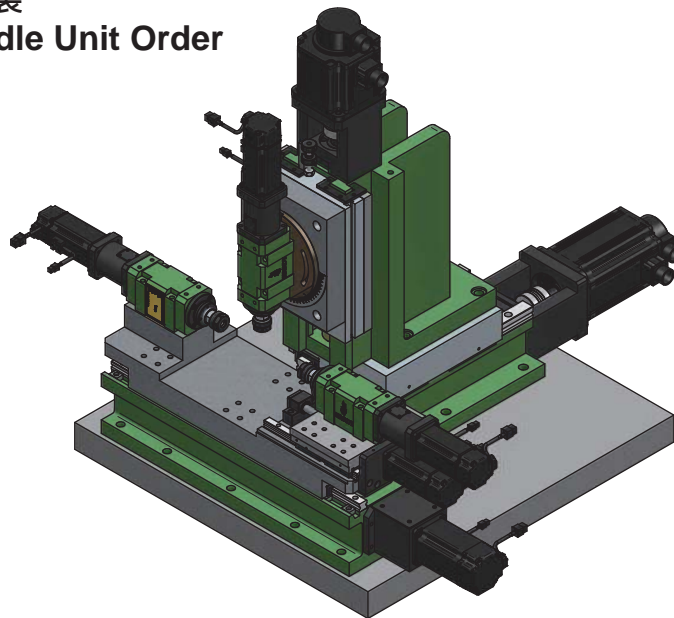
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5029# SSFD11-120 水車伺服展刀動力頭(專利號碼:M510810) Facing Spindle Head-Servo / Flange Type (Patent No.M510810)

規格	Model	SSFD11-120M-FB45
最大行程	Max. Stroke	120mm
最高轉速	Max. RPM	1600
馬力	Horsepower	3HP×4P
主軸皮帶輪	Spindle Pulley	8M-64T
主軸軸承	Spindle Bearing	6210ZZx2 / 30210x2
皮帶輪軸承	Pulley Bearing	6015ZZx2
前蓋油封	Front Cover Seal	TC110-130-13x1
主軸油封	Spindle Seal	TC75-90-12x1
活塞O型環	Piston O-ring	P110x2
防水蓋O型環	Front Cover O-ring	G85x1 / G110x1
進給螺桿	Spindle Feeding Ball Screw	φ25x5xC5
展刀螺桿	Facing Head Slider Ball Screw	φ20x5xC5
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7203x4
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC24-40-8x2 / TC24-38-8x2
展刀軸承座軸承	Bearing Of Facing Head	7207x2 / 7203x2
展刀軸承座油封	Seal Of Facing Head	TC45-70-8x1 TC24-40-8x1 / TC24-38-8x1
展刀搪溝頭	Single-Slide Facing Head	FA-408
滑座行程	Slider Stroke	8 mm

Roundness: $\leq 0.003\text{mm}$
Slider Self-Repeatability: $\leq 0.005\text{mm}$ (展刀靜態重複定位)

可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order
滾齒加工機



5029# SSFD11-120 水車伺服展刀動力頭(專利號碼:M510810) Facing Spindle Head-Servo / Flange Type (Patent No.M510810)

SSFD11-FB45

重量	Weight	173 kg
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台達伺服馬達 ECMA E11315

台達伺服馬達 ECMA CX0807

FA-408

8M-64T

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SSFD11-FB45-MB

重量	Weight	215 kg
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8M-64T

FA-408

台達伺服馬達 ECMA E11315

台達伺服馬達 ECMA CX0807

3HPx4P

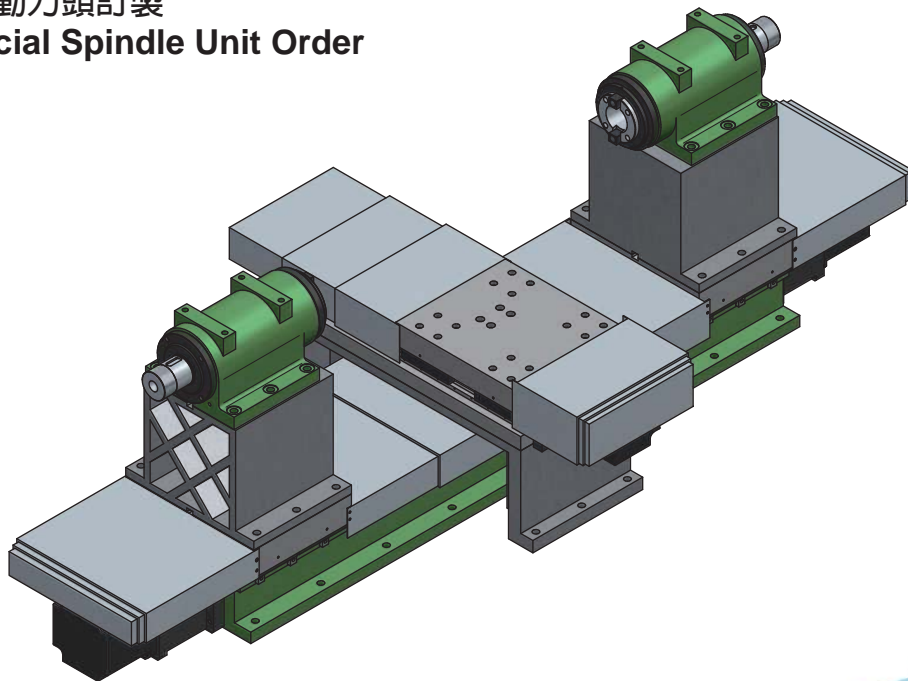
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5030# SSFSD12-150 水車伺服展刀動力頭(專利號碼:M510810) Facing Spindle Head-Servo / Flange Type (Patent No.M510810)

規格	Model	SSFSD12-150M-NT40
最大行程	Max. Stroke	150mm
最高轉速	Max. RPM	1200
馬力	Horsepower	3HP×4P
主軸皮帶輪	Spindle Pulley	8M-54T
主軸軸承	Spindle Bearing	6011Z×1 / 6009Z×1 32011×1 / 32009×1
皮帶輪軸承	Pulley Bearing	6211ZZ×2
前蓋油封	Front Cover Seal	TC120-145-12×1
主軸油封	Spindle Seal	TC75-90-12×1
活塞O型環	Piston O-ring	P120×2
防水蓋O型環	Front Cover O-ring	G85×1 / G120×1
進給螺桿	Spindle Feeding Ball Screw	φ 25×5×C5
展刀螺桿	Facing Head Slider Ball Screw	φ 20×5×C5
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7204×2 / 7203×2
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC24-42-8×1 / TC26-42-8×1 TC20-40-8×1 / TC24-38-8×1
展刀軸承座軸承	Bearing Of Facing Head	7207×2 / 7203×2
展刀軸承座油封	Seal Of Facing Head	TC45-70-8×1 TC24-40-8×1 / TC24-38-8×1
展刀搪溝頭	Single-Slide Facing Head	FA-610
滑座行程	Slider Stroke	10 mm

Roundness: ≤0.003mm
Slider Self-Repeatability: ≤0.005mm (展刀靜態重複定位)

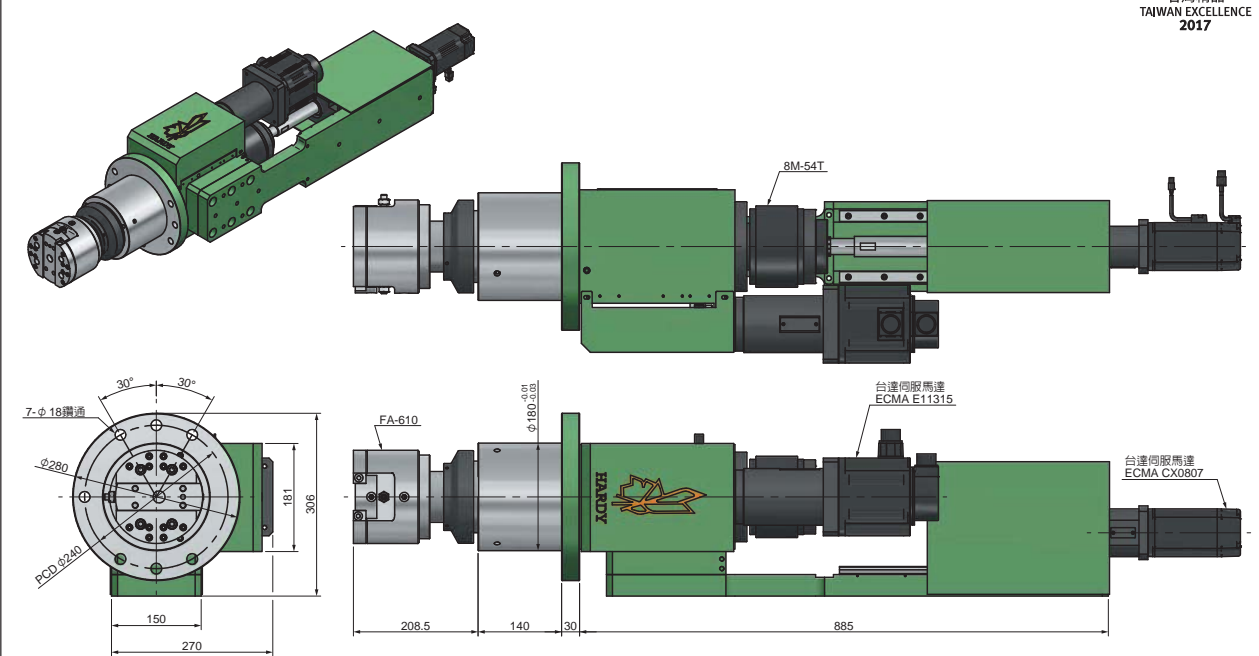
可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order



5030# SSFSD12-150 水車伺服展刀動力頭(專利號碼:M510810) Facing Spindle Head-Servo / Flange Type (Patent No.M510810)

SSFSD12-NT40

重量	Weight	kg
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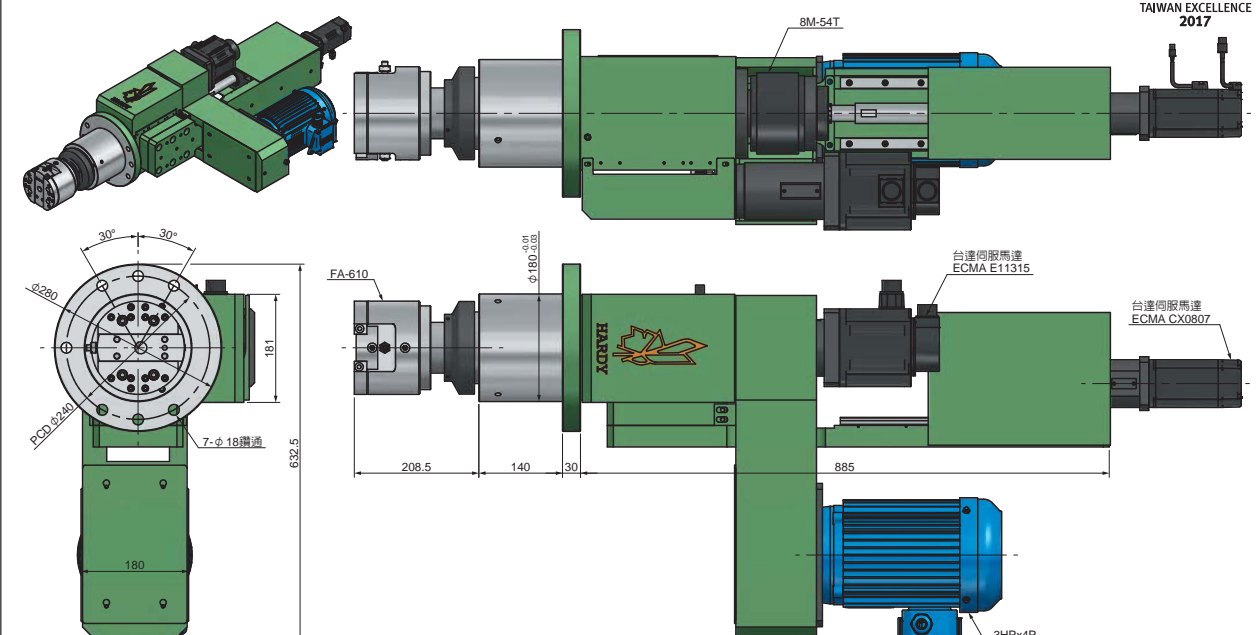
Technical drawing of the SSFSD12-NT40 Facing Spindle Head-Servo. The drawing includes an isometric view, a side view, and a front view. Key dimensions and labels are as follows:

- Isometric View:** Shows the overall 3D structure of the spindle head.
- Front View:** Shows a circular face with 7 holes. Dimensions include a diameter of $\phi 280$, a PCD of $\phi 240$, and a hole diameter of $\phi 18$. The angle between adjacent holes is 30° . The overall width is 150 and the height is 181.
- Side View:** Shows the length of the spindle head. Dimensions include a total length of 208.5, a distance of 140 from the front face to the start of the main body, and a main body length of 885. A flange diameter of $\phi 180$ is indicated.
- Labels:** FA-610 (front face), 8M-54T (top flange), 台達伺服馬達 ECMA E11315 (servo motor), and 台達伺服馬達 ECMA CX0807 (servo motor).

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SSFSD12-NT40-MB

重量	Weight	kg
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Technical drawing of the SSFSD12-NT40-MB Facing Spindle Head-Servo. The drawing includes an isometric view, a side view, and a front view. Key dimensions and labels are as follows:

- Isometric View:** Shows the overall 3D structure of the spindle head with a blue motor.
- Front View:** Shows a circular face with 7 holes. Dimensions include a diameter of $\phi 280$, a PCD of $\phi 240$, and a hole diameter of $\phi 18$. The angle between adjacent holes is 30° . The overall width is 180 and the height is 181.
- Side View:** Shows the length of the spindle head. Dimensions include a total length of 208.5, a distance of 140 from the front face to the start of the main body, and a main body length of 885. A flange diameter of $\phi 180$ is indicated.
- Labels:** FA-610 (front face), 8M-54T (top flange), 台達伺服馬達 ECMA E11315 (servo motor), 台達伺服馬達 ECMA CX0807 (servo motor), and 3HPx4P (motor).

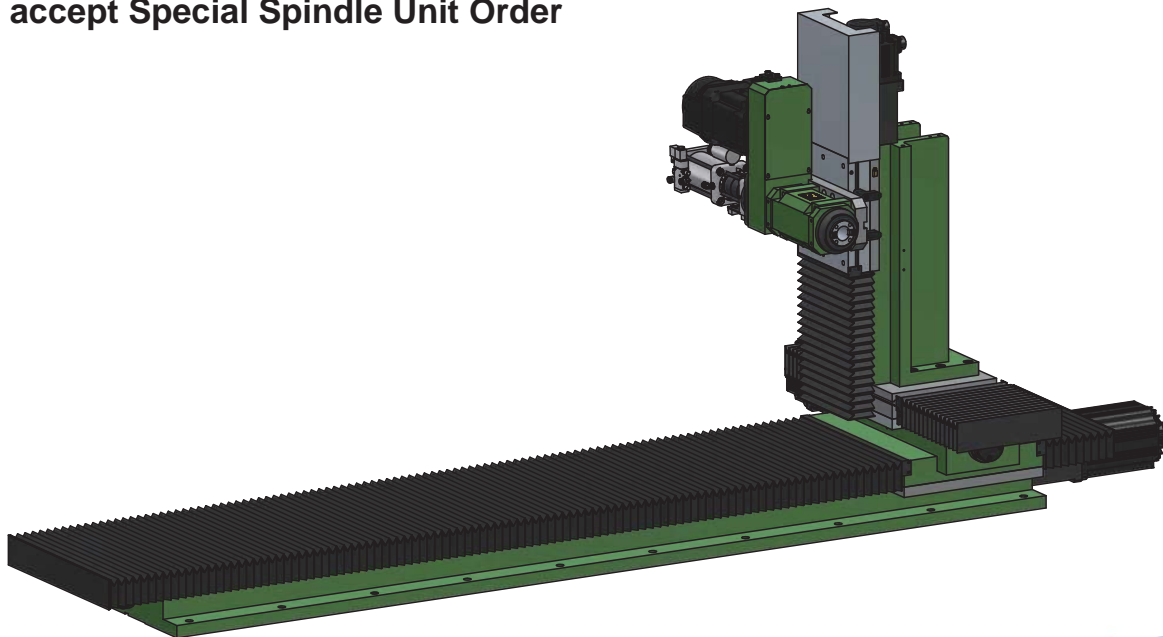
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5031# SSFSD15-150 水車伺服展刀動力頭(專利號碼:M510810)
Facing Spindle Head-Servo / Flange Type (Patent No.M510810)

規格	Model	SSFSD15-150M-FB45
最大行程	Max. Stroke	150mm
最高轉速	Max. RPM	1200
馬力	Horsepower	5HP×4P
主軸皮帶輪	Spindle Pulley	8M-62T
主軸軸承	Spindle Bearing	6014Zx1 / 6012Zx1 32014x1 / 32012x1
皮帶輪軸承	Pulley Bearing	6213ZZx2
前蓋油封	Front Cover Seal	TC150-180-14x1
主軸油封	Spindle Seal	TC90-110-12x1
活塞O型環	Piston O-ring	P150x2
防水蓋O型環	Front Cover O-ring	G120x1 / G150x1
進給螺桿	Spindle Feeding Ball Screw	φ 32x5xC5
展刀螺桿	Facing Head Slider Ball Screw	φ 20x5xC5
螺桿軸承座軸承	Bearing Of Ballscrew Bearing Block	7205x2 / 7203x2
螺桿軸承座油封	Seal Of Ballscrew Bearing Block	TC30-50-10x2 TC20-40-8x1 / TC24-38-8x1
展刀軸承座軸承	Bearing Of Facing Head	7207x2 / 7203x2
展刀軸承座油封	Seal Of Facing Head	TC45-70-8x1 TC24-40-8x1 / TC24-38-8x1
展刀搪溝頭	Single-Slide Facing Head	FA-610
滑座行程	Slider Stroke	10 mm

Roundness: ≤0.003mm
 Slider Self-Repeatability: ≤0.005mm (展刀靜態重複定位)

可接受特殊規格動力頭訂製
We accept Special Spindle Unit Order



5031# SSFSD15-150 水車伺服展刀動力頭(專利號碼:M510810) Facing Spindle Head-Servo / Flange Type (Patent No.M510810)

SSFSD15-FB45

重量	Weight	kg
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Technical drawing of the SSFSD15-FB45 model. It includes an isometric view, a side view, and a front view. The front view shows a circular flange with 7 holes, a PCD of 280, and a diameter of 200. Dimensions include a total length of 291.6, a distance of 150 between the center of the flange and the center of the servo motor, and a servo motor length of 242. The side view shows a total length of 888, with segments of 187.95, 140, and 37. Components labeled include FA-610, 8M-62T, and a Taiwan Servo Motor ECMA E11315.

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SSFSD15-FB45-MB

重量	Weight	kg
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Technical drawing of the SSFSD15-FB45-MB model. It includes an isometric view, a side view, and a front view. The front view shows a circular flange with 7 holes, a PCD of 280, and a diameter of 200. Dimensions include a total length of 680, a distance of 210 between the center of the flange and the center of the servo motor, and a servo motor length of 242. The side view shows a total length of 888, with segments of 187.95, 140, and 37. Components labeled include FA-610, 8M-62T, and a Taiwan Servo Motor ECMA E11315. A 5HPx4P motor is also shown.

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