

# 中空軸旋轉平台 Hollow Rotary Actuators



質量:4.6kg

**MD**

旋轉平台系列

**130**

規格

**R**

選配

R: 直角轉向減速  
P: 直向減速

**10**

減速比

**V2**

馬達類型

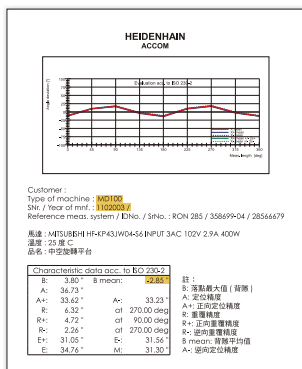
V1: 伺服Ø14 PCD70,M4  
V2: 伺服Ø14 PCD70,M5

T1: 步進Ø8 PCD66.67,M4  
T2: 步進Ø8 PCD70,M4  
T3: 步進Ø10 PCD70,M4

各廠牌200W~400W AC 伺服馬達

各廠牌60型步進馬達

## 定位精度檢測



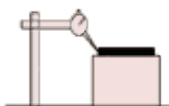
產品型號	MD130	MD130R	MD130P
旋轉平台軸承	圓錐滾子軸承		
容許轉矩N.m	45		
精度壽命	20000 Hrs		
允許轉速rpm	200 (盤面)		
減速比	10	20,30	30,40,50
重覆精度arc-sec	≤ 10	≤ 20	≤ 60
定位精度arc-min	≤ 1	≤ 1	≤ 2
旋轉平台平行度mm	≤ 0.02		
旋轉平台同心度mm	≤ 0.015		
保護等級	IP40		

P.S:圓周單位: 1 rpm = 360° 1°=60'(arc-min) 1'=60"(arc-sec)  
圓周誤差換算直線誤差: 盤面直徑x 3.14159 ÷ (360°x60'x60")x背隙值



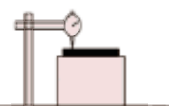
盤面同心度檢測

≤0.015mm



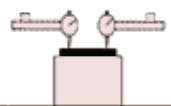
盤面旋轉振幅

≤0.005mm

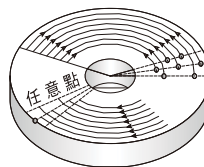


盤面與底座平行度

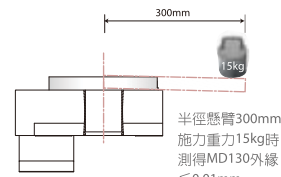
≤0.02mm



外徑任意點定位精度  
半徑 65mm  
≤ 1mm



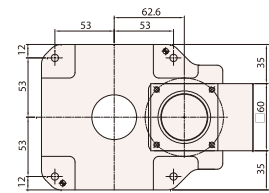
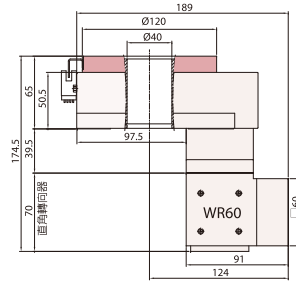
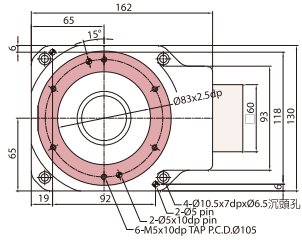
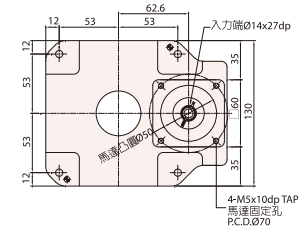
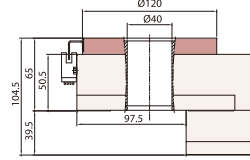
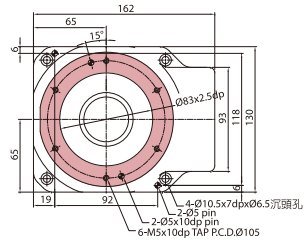
反覆定位精度  
半徑 65mm  
≤ 10sec



半徑懸臂300mm  
施力重力15kg時,  
測得MD130外緣  
≤0.01mm



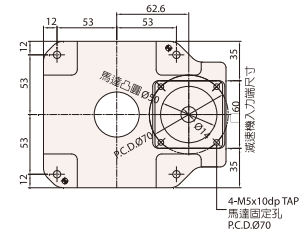
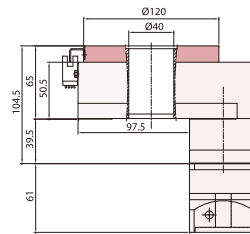
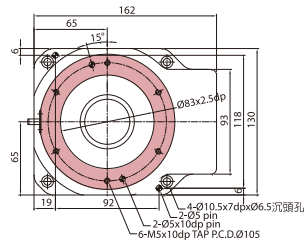
MD130



MD130R



MD130P



訂購時請提供馬達法蘭尺寸  
P.S:原點Sensor規格 (選配) OMRON EE-SX672