

8- $\varnothing 7.5$ Thru
P.C.D $\varnothing 96$

$2-\varnothing H7^{+0.015}_0 \times 10$ EQS
P.C.D $\varnothing 35$

13° , 25 , $A-A$, 38° , 51° , 14°

$\square 142$

4-M8 $\times 34$ EQS
P.C.D $\varnothing 145$

45°

150

$\varnothing 10$, $\varnothing 80$, $\varnothing 4$, 17.8

Technical drawing of a rotating part (Figure 1-10). The drawing includes a top view and a side view.

Top View Dimensions:

- Outer square side: 280
- Inner square side: 239
- Central hole diameter: $\varnothing 270$
- Outer hole diameter: $\varnothing 17.5$ Thru, EQS
- Inner hole diameter: $2-\varnothing 10$ EQS, P. C. D. $\varnothing 173$
- Angle: 24.5°
- Angle: 9°
- Distance from center to outer hole center: 202
- Distance from center to inner hole center: 239
- Distance from center to bottom hole center: 130
- Distance from center to bottom hole center (horizontal): 25
- Distance from center to bottom hole center (vertical): 202
- Distance from center to bottom hole center (diagonal): 280
- Distance from center to bottom hole center (diagonal): 361

Side View Dimensions:

- Total height: 174.35
- Base diameter: 130
- Top flange thickness: 6.8
- Flange diameter: 130
- Flange height: 27.3
- Flange height: 20.3
- Flange height: 31
- Flange height: 37
- Flange height: 69.5

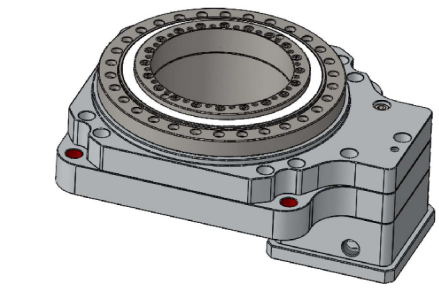
Detail View Dimensions:

- Hole diameter: $\varnothing 8$
- Hole depth: 6.8
- Thread: M6

Labels:

- 旋转部位 (Rotating Part)
- P. C. D. 158

输出平台支撑 Output Platform Support	交叉滚子轴承 Crossed Roller Bearing	容许输出转速 Permissible Output Speed	250rpm	安装方式 Mounting Position	任意 Arbitrary
移动行程 Shift Motion	360° (任意角度旋转) 360° (Rotation at any Angle)	定位精度 Positioning Accuracy	≤ 30arcsec	润滑 Lubrication	合成润滑油 Synthetic Grease
匹配电机(尺寸) Matching Motor (Size)	1000W 伺服电机 Servo Motor ($\phi 24-\phi 110-\phi 145-M8$)	重复定位精度 Repetitive Positioning Accuracy	± 5arcsec	使用环境温度 Operating Temperature	-10℃~90℃
速比 Reduction Ratio	10	容许轴向负载 Allowable Axial Load	7000N	使用寿命 Service Life	20000h
额定输出扭矩 Rated Output Torque	120Nm	容许径向负载 Allowable Radial Load	3500N	防护等级 Level of Production	IP65
最大加速扭矩 Max Acceleration Torque	240Nm	工作台面平行度 Parallelism of Output Platform	0. 02mm	噪音值 Level of Noise	≤ 63dB
急停扭矩 Emergency Stop Torque	360Nm	工作台面跳动 Runout of Output Platform Surface	0. 01mm	确认签字处(日期) Confirmation of Signature (Date)	
转动惯量 Rotational Inertia	$361220 \times 10^{-7} \text{ kg} \cdot \text{m}^2$	工作台面圆跳动 Runout of Output Surface	0. 01mm	备注 Remark	



 櫻田鑫自動化科技有限公司 THE YITOSN AUTOMATION TECHNOLOGY CO., LTD OF KUNSHAN				中空旋轉平台 Hollow Rotating Platform	
				型号 Model: YTS280-10K	
幅面 Size	單位 Units	重量 Weight	比例 Scale	投影方式 Projective Mode:	
A3	mm	62.4kg	1: 3.5		