

# SPT-150/350

## Specifications

Electrical:	
Input Voltage	24 VDC
Drive Current	4A
Communication	RS232, RS485, Ethernet*
Connector	Seacon MCBH5 , Customer selectable
Mechanical:	
Angular Limits	Pan range: $\pm 175^\circ$ Tilt range: about $\pm 110^\circ$ with yoke mounted
Angular Speed	Up to 20 deg/sec (Pan and Tilt simultaneously)
Single Step Angle	0,018 deg
Position Feedback	12 bit resolution absolute (approx: 0,1°)
Gears	Precision strain wave
Backlash	< 3 arc minutes (approx 0.05°)
Materials	Hard Anodized Aluminium (Titanium on request)
Environmental:	
Operation Depth	Down to 6000 Meters (20000 ft)
Temperatur Range	-20°C to +50°C (-4°F to +122°F) operating -30°C to +60°C (-22°F to +140°F) storage
Others:	
Average Torque	50Nm (38lb/ft)
Max Payload Dual Yoke <sup>1</sup>	100kg
Max Payload Single Yoke <sup>1</sup>	50
Size (H/W/D)	302,8 x 166,2 x 110 (Flange 150mm)
Weight in Air <sup>2</sup>	10,4 kg (23 lbs) (Titanium:13kg or 28,7lbs)
Weight in Water <sup>2</sup>	6,9kg (Titanium 9,5kg or 21 lbs)

- 1) Payload: Attached device in air
- 2) Weight for aluminium housing

Mounting brackets can be delivered on request

All technical data and specification are subject to change  
2022-08-25 Rev 2



