

# CHEETAH 250

## SINGLE AXIS SYSTEM

CHEETAH 250 is a member of the single axis family.

Its compact economic design gives you a highly precise movement supporting payloads up to 100kg with selfweight only 6.5 kg .

Built-in control, electronics and software provide a precise, smooth motion at all speeds.



# CHEETAH 250

## General Specifications

<b>Product Line</b>	<b>CHEETAH 250</b>	
<b>Self-Weight (kg)</b>	6.5Kg	
<b>Max Payload (balanced) [kg]</b>	100Kg	
<b>Yaw movement</b>	Nx360°	
<b>Control mode</b>	Speed / Position	
<b>Communication</b>	Ethernet TCP / RS232	
<b>Environmental protection</b>	IP 66	
<b>Power consumption [V] [A]</b>	24V-36V 3A	24V-48V 6A
<b>Max Acceleration [°/Sec<sup>2</sup>]</b>	100°/Sec <sup>2</sup>	
<b>Max Speed (balanced) [°/Sec]</b>	100°	
<b>Min Speed (balanced) [°/Sec]</b>	0.01°	
<b>Position Accuracy [°]</b>	0.5°	
<b>Resolution [°]</b>	0.001°	
<b>Bandwidth</b>	Up to 100 Hz	

(<sup>1</sup>) Payload dependent

(<sup>2</sup>) mechanics & power dependent

(<sup>3</sup>) mass, balance & power dependent

- Control Interface, GPS and Stabilization - Optional

# CHEETAH 250

## MICD

