

Goniometer Head1003-MS

The Goniometer Head 1003-MS is driven by four step motors.

Limit switches can be optionally equipped to limit the operational range.

This unit is also available with other types of motors, there is a wide range of different versions. We would be happy to incorporate customer-specific alterations, if technically possible.

Adjustable axes:	X, Y, Ry, Rx
Range X [mm]:	+/- 11
Range Y [mm]:	+/- 11
Range Ry [°]:	+/- 18
Range Rx [°]:	+/- 18
Height [mm]:	107
Read-out accuracy [°]:	0.1
Weight [kg]:	2.5
Resolution X, Y [μm]:	2.5
Resolution Rx ["]:	9
Resolution Ry ["]:	9

Further versions:

- vacuum suitable
- radiation resistant

Technical data motor:

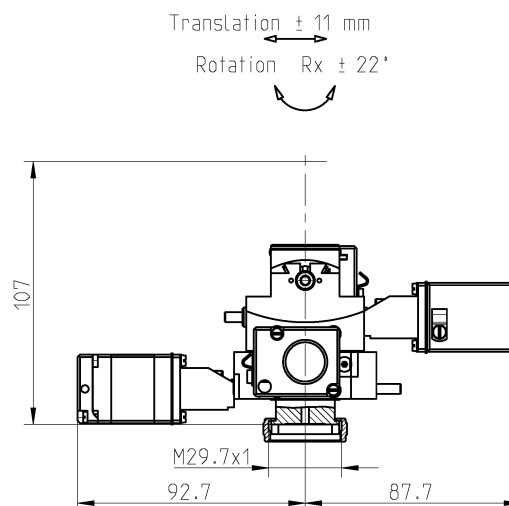
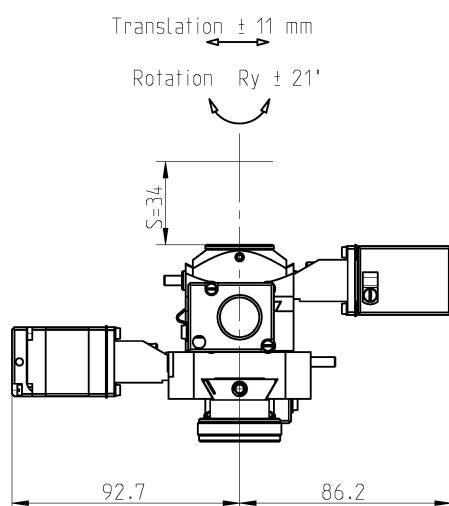
Type:	Vexta PK 223
Number of phases:	2
Cable length [m]:	0.5
Connectors:	SUB D15
Number of steps/rev:	200/400
Rated Current [A/Phase]:	0.95
Holding torque [Nm]:	0.05
Insulation class:	B

Included:

- adjustment pin
- goniometer head key
- adhesive wax
- 2x sample carrier

Accessories:

Support:	1055
	1412
Control system:	SMC 9300



A-A

