

Load Characteristics	Fx (N)	Fz (N)	Mx (Nm)	Mz (Nm)	ka (µrad/Nm)
<u>DC-B-041</u>	90	200	8	25	15
2Phase-061	90	200	8	25	15

## DESCRIPTION

The **Goniometer Stages WT-120** and WT-90 are designed for all tasks where conventional rotation stages cannot be employed due to limited space conditions. Typical applications are linear tasks in the field of laser- and radiotechnology. The Goniometer Stages WT-

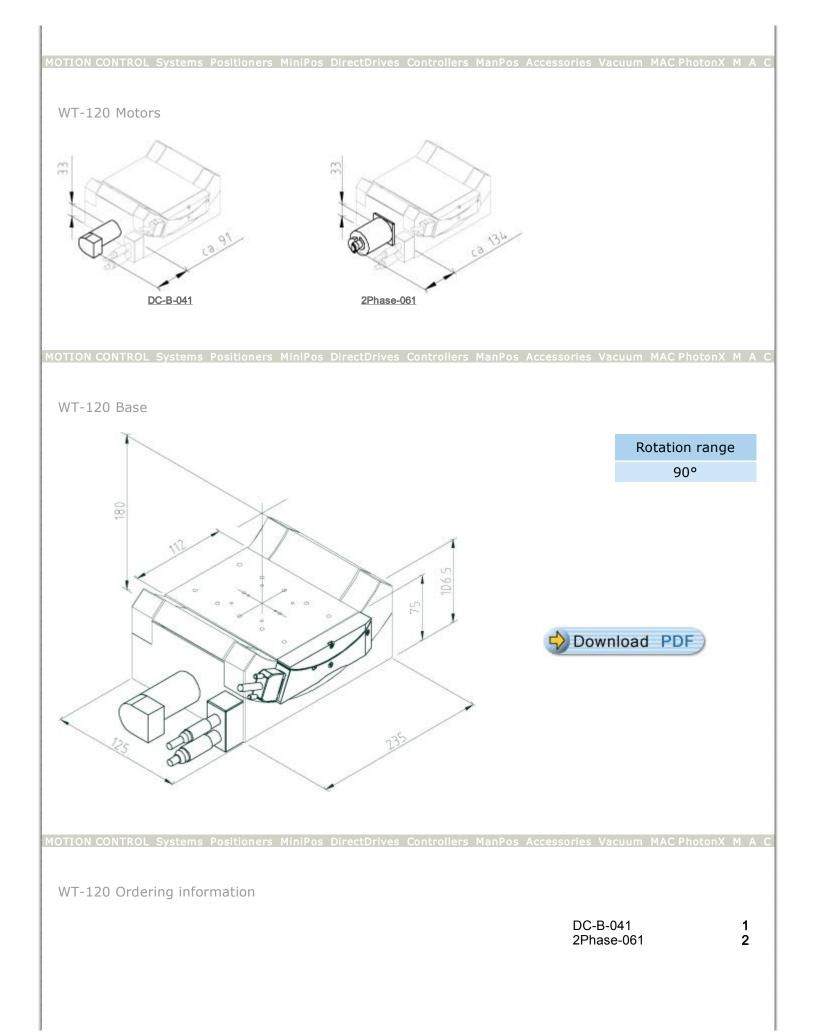
120 and WT-90 are well-suited to each other. Orthogonally mounted they have a common spacial center. WT-90 is equipped with a ground wire guiding. The ground and hardened screw worm-gear wheel combination produces a very quiet smooth move. Directly driven by DC-, 2-phase step motors high travel speed and resolution can be achieved. WT-120 stages can be equipped with optical angular system. Resolutions up to 0.0002174 are standard offered. The Goniometer WT-120 is standard equipped with two limit switches.

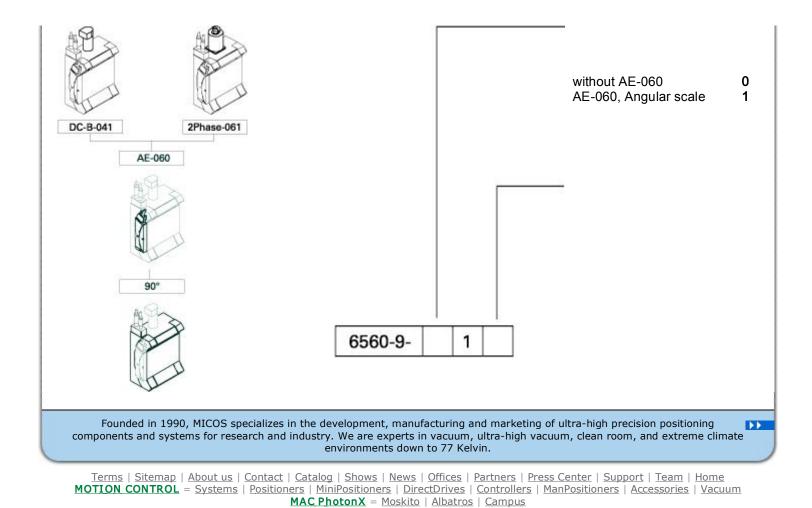


Technical data

90			
180:1			
+/- 0.01 0.05			
+/- 0.0002174 0.008			
+/- 0.0002174 0.02			
0.001 60			
125			
60			
20			
0.001 (SMC)   0.01 (FS)			
0.001			
0.00008696			
3.8   24			
2.8   -			
Special Aluminium, black anodized			
11.5			

**Note:** (SMC): Micro-Step Mode, (FS): Full-Step 2Phase **More info:** Detailed information, concerning motor and connectors, see: Appendix





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