

### **43.040.25AK.V6**

DMT 40-D20-HSM-V6

#### **Rotary Measuring Stage with $\varnothing$ 25 mm retainer and $\varnothing$ 20 mm aperture,**

2-phase geared step motor and Hall-effect reference switch

- vacuum-prepared up to 1E(-6) mbar
- aluminium blank
- preloaded worm gear with 90:1 reduction
- precision angular contact ball bearings
- unlimited rotary angle
- repeatability (bidirectional) < 0.07°
- load capacity radial max. 10 N, load capacity axial max. 25 N
- motor data: 24 full steps/rev., phase current max. 0.45 A, gear reduction 7817:103
- drive torque max. 0.1 Nm
- velocity max. 0.5 °/s (depending on load and control unit)
- connection: 1.5 m teflon leads with 15-pin DSub-HD (male), connector only for testing, not suitable for vacuum