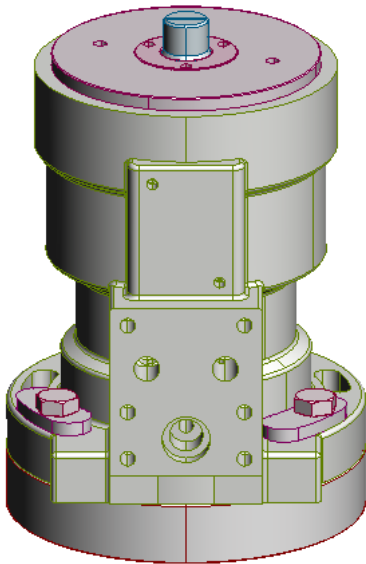


# Damcos™ BRC 1000

Hydraulic double-acting balanced rotary actuator  
90° (Quarter-turn)

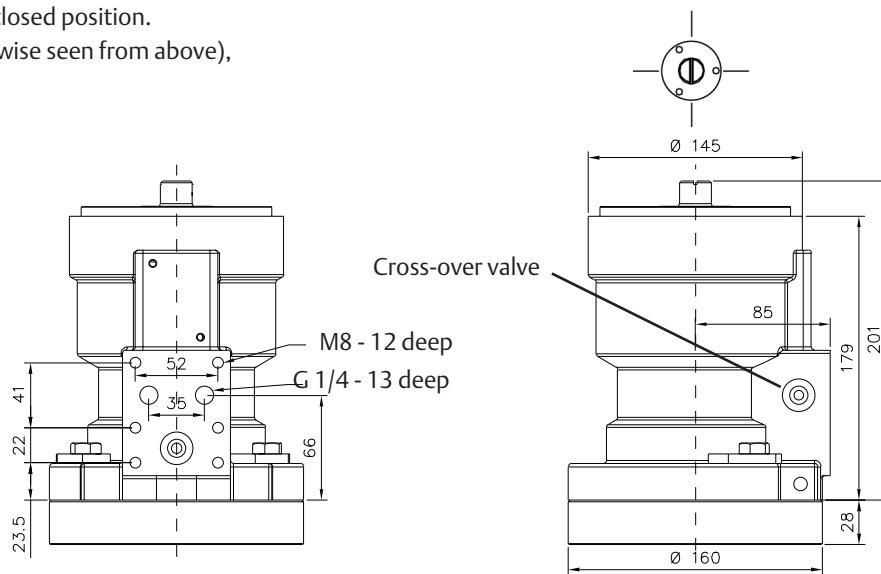


## Main Data

Recommended working pressure range	30 to 135 bar
Burst test	675 bar
Total dry weight incl. mounting set (5.5 kg)	19.9 kg
Oil displacement	0.209 l
Temperature range	Normal application: -25°C to +80°C (NBR Seal set) High temperature application: -20°C to +120°C (Viton® Seal set) Low temperature application: -45°C to +40°C (T.L.T. NITRIL Seal set)
Rotation	90° ±1°
Hydraulic media and viscosities	We recommend acid-free hydraulic oil. Viscosity range: 15-200 cSt. For recommended brands and for other media than oil please refer to separate data sheet.

## Main Dimensions

Actuator shown in closed position.  
A port: Close (clockwise seen from above),  
B port: Open.



All dimensions in mm

**Valve adaption:**

Approx. 5°

Adapter

Intermediate flange

Valve shaft intrusion: 63

Adjustment screw, torque: 15 Nm

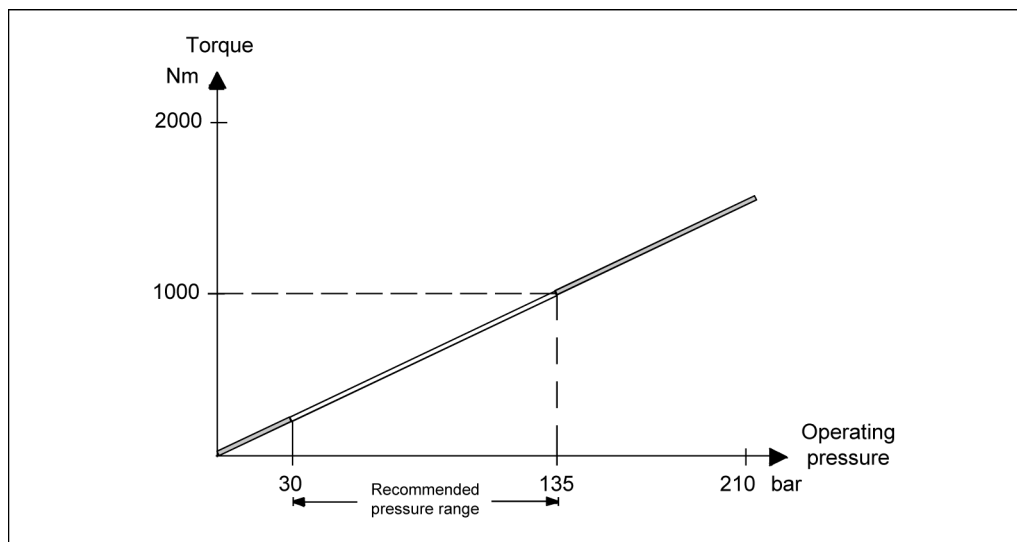
Fastening nut, torque: 35 Nm

Limits for the machining of the adapter. Other shapes and valve shaft intrusions on request, please contact Damcos A/S.

Shape			
Machined acc. to:	DIN 6885		DIN 79
mm (max.):	Ø 42		□ 36

All dimensions in mm

## Performance



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