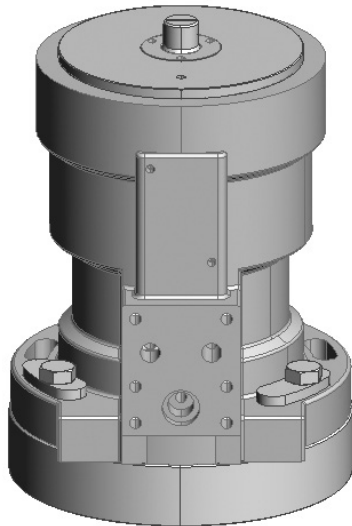


Damcos™ BRC 2000

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



Main Data

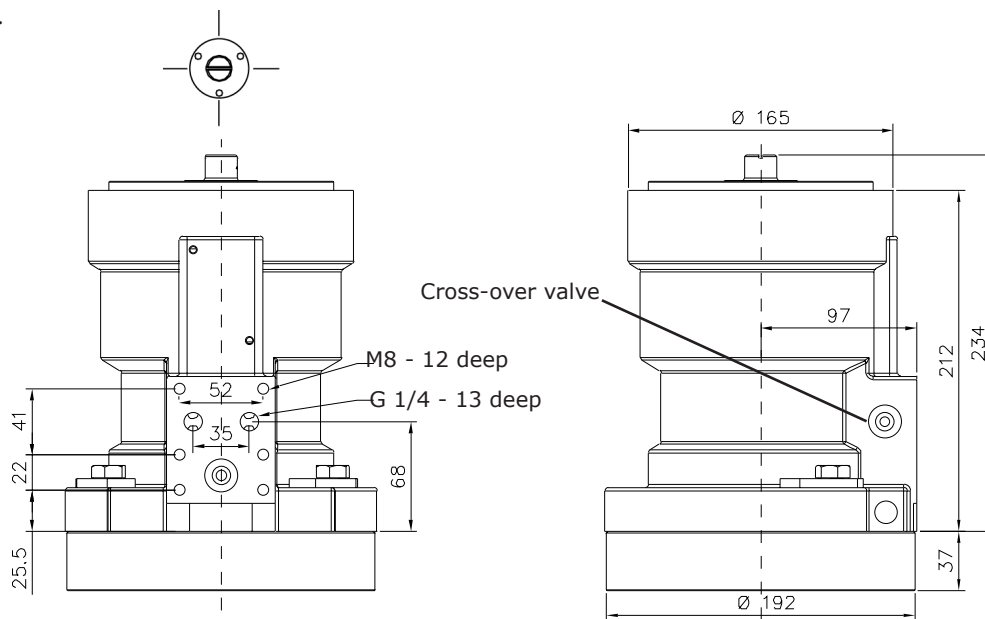
Recommended working pressure range	30 to 135 bar
Burst test	675 bar
Total dry weight incl. mounting set (10.1 kg)	33.1 kg
Oil displacement	0.400 l
Temperature range	Normal application: -25°C to +80°C (NBR Seal set) High temperature application: -20°C to +120°C (Viton® Seal set) Low temperature application: -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:

Adjustment screw, torque: 50 Nm

7.5° 7.5°

Valve shaft intrusion: 75

Fastning nut, torque: 60 Nm

Approx. 5°

Adapter

Intermediate flange

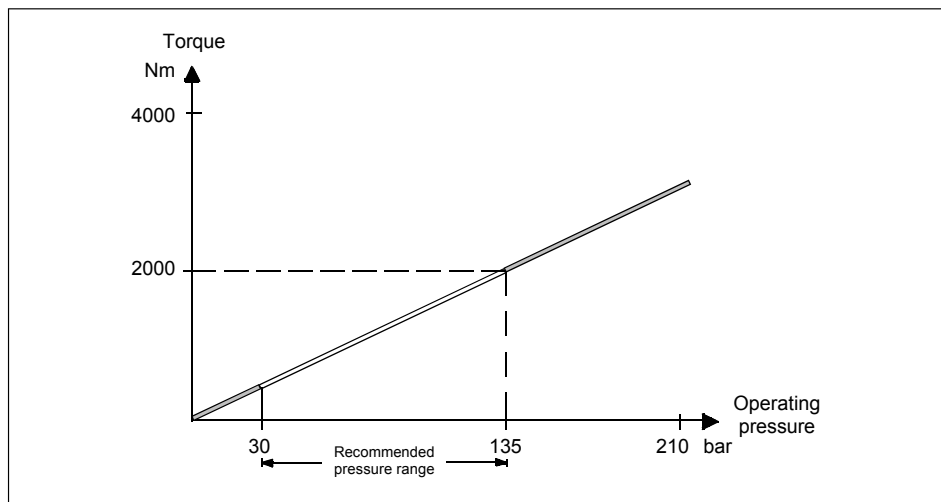
Limits for the machining of the adapter. Other shapes and valve shaft intrusions on request, please contact Damcos A/S.

Shape

Machined acc. to:	DIN 6885	DIN 79
mm (max.):	Ø 58	□ 50

All dimensions in mm

Performance



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