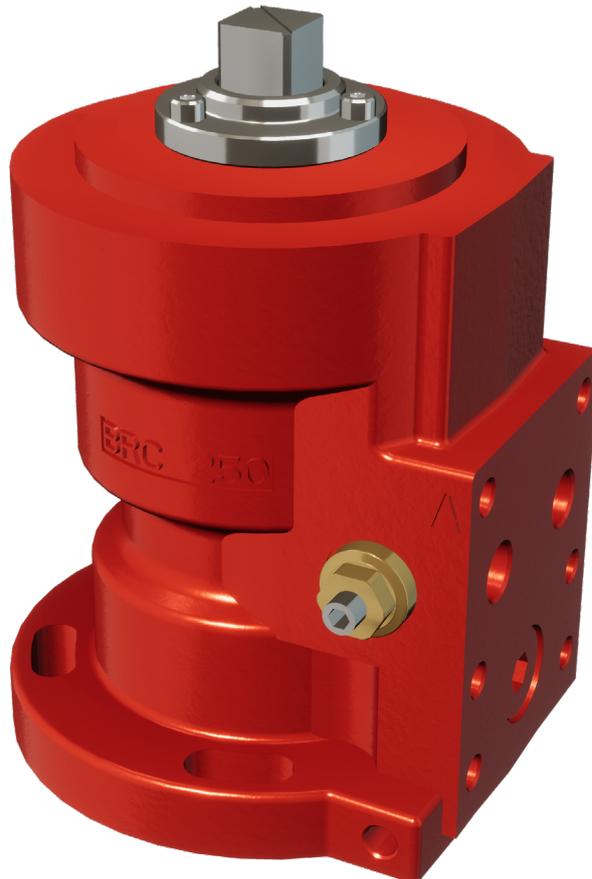


# Damcos™ BRC 250

Hydraulic Double-acting Balanced Rotary Actuator  
90° (Quarter-turn)

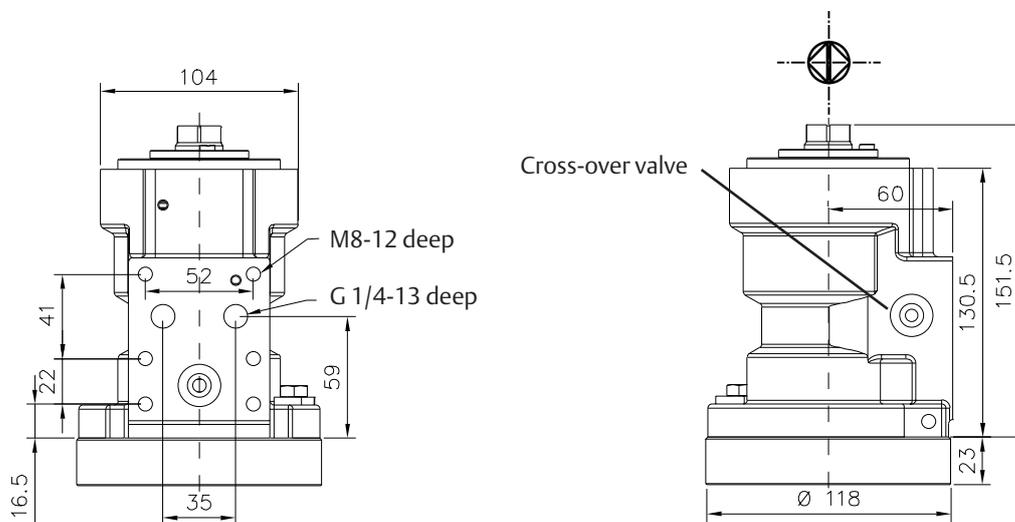


## Main Data

Recommended working pressure range	30 - 135 bar
Burst test	675 bar
Total dry weight incl. mounting set (2.4 kg)	8.3 kg
Oil displacement	0.050 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

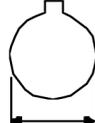
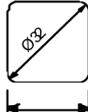
Valve shaft intrusion: 50

Adjustment screw, torque: 6 Nm

7.5° 7.5°

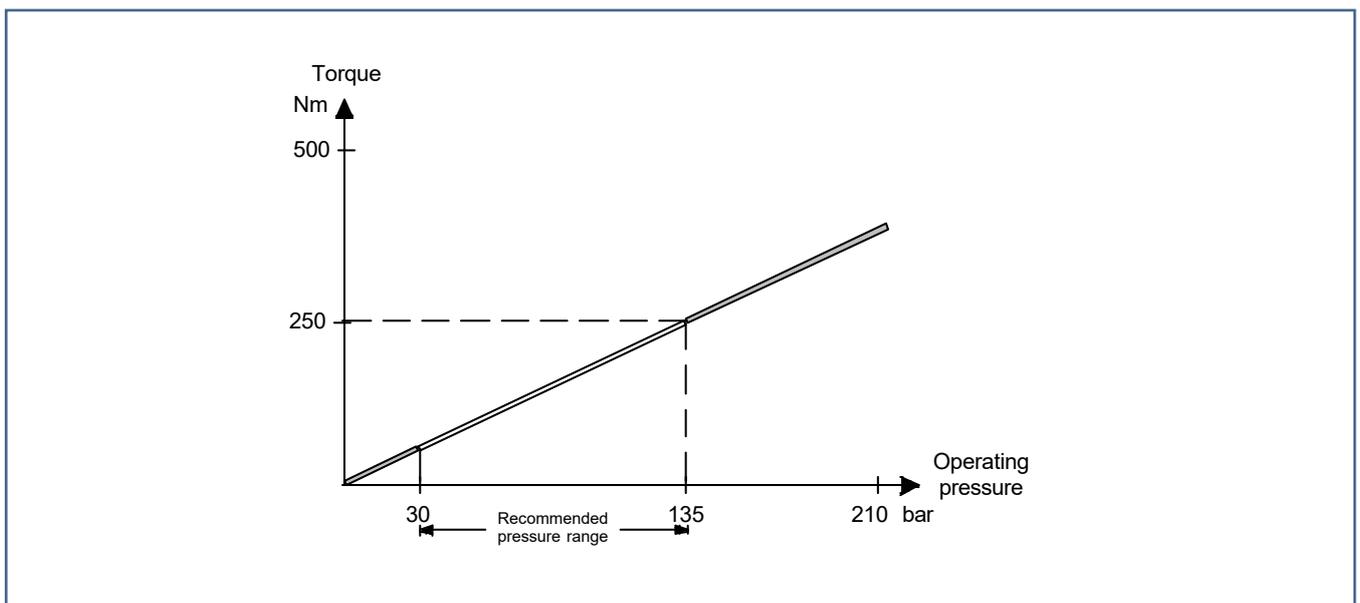
Fastning nut, torque: 17 Nm

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 25		□ 24

All dimensions in mm

## Performance



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**Emerson Automation Solutions**

Damcos A/S  
Aaderupvej 41  
DK-4700 Naestved  
T +45 5578 7200  
F +45 5578 7272

[www.Emerson.com/marine](http://www.Emerson.com/marine)

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