

Damcos™ BRC 8000

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

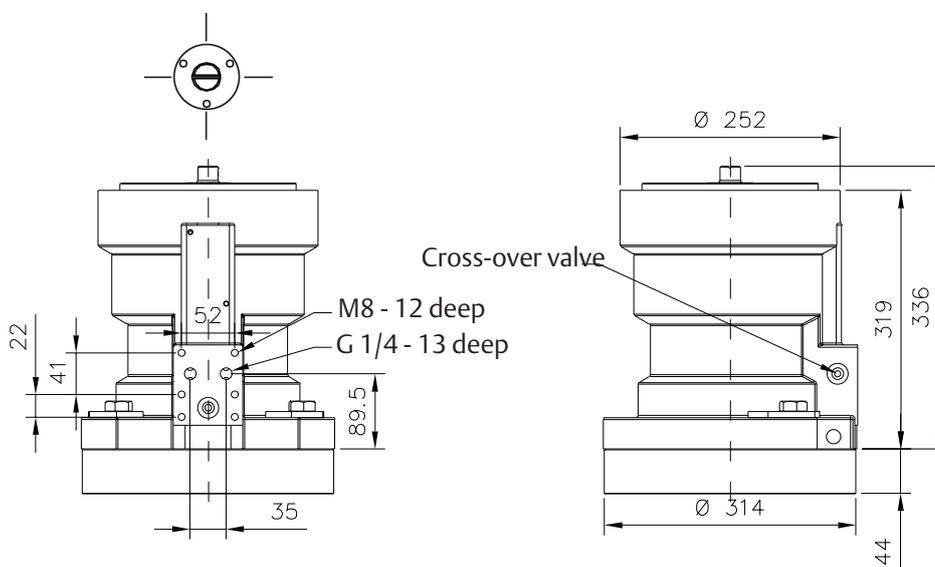


Main Data

Recommended working pressure range	30 to 135 bar
Burst test	675 bar
Total dry weight incl. mounting set (26.9 kg)	108 kg
Oil displacement	1.6 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

6.5° 6.5°

Valve shaft intrusion: 105

Approx. 5° Adapter

Intermediate flange

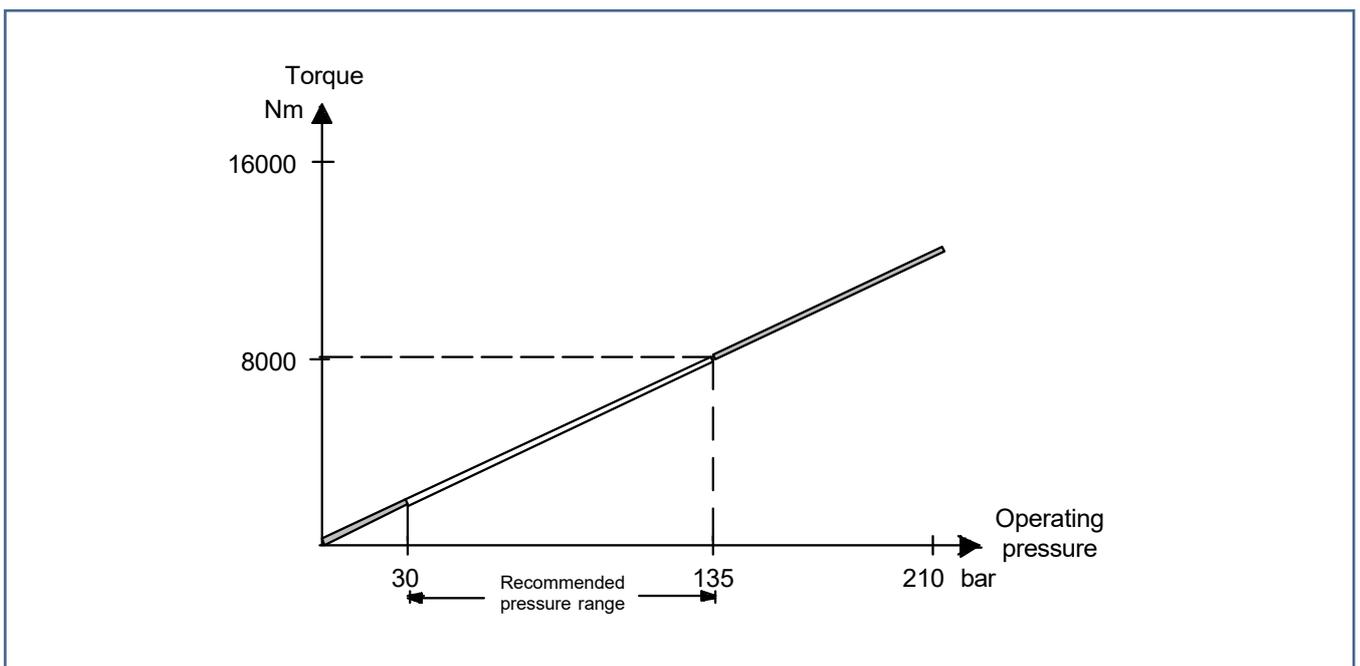
Fastning nut, torque: 320 Nm

All dimensions in mm

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

Shape			
Machined acc. to:	DIN 6885		DIN 79
mm (max.):	Ø 95		□ 80

Performance



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