

Damcos™ BRCF 4000 - 90 bar

Hydraulic single-acting balanced rotary actuator 90°
(Quarter-turn) fail-safe

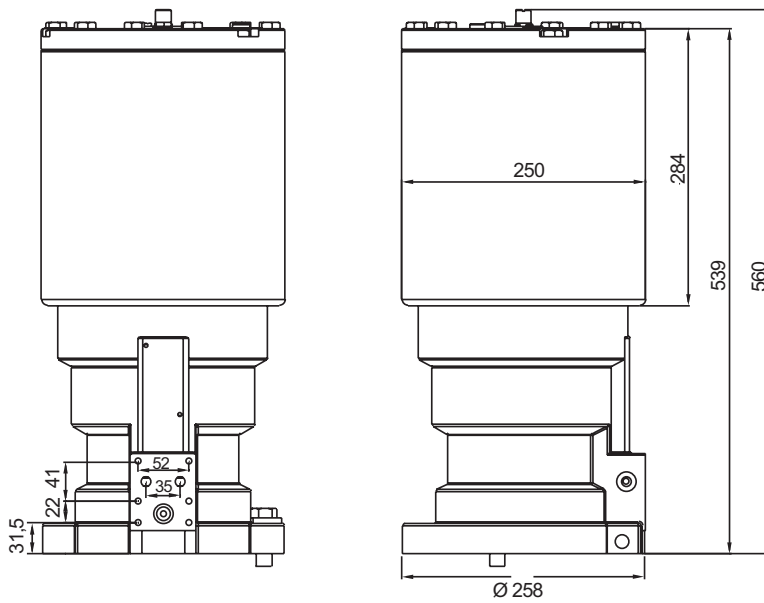


Main Data

Working pressure	90 bar
Burst test	675 bar
Total dry weight incl. mounting set (25.8 kg)	153 kg
Oil displacement	0.800 l
Temperature range	-20°C to +80°C
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 (fail-safe) position



All dimensions in mm

Valve adaption:

Approx. 5°

Adapter

Intermediate flange

Max. valve shaft intrusion: 85

Adjustment screw, torque: 50 Nm

7.5° 7.5°

Fastning nut, torque: 150 Nm

Limits for the machining of the adapter. Other shapes on request, please contact DMS.

Shape

Machined acc. to:	DIN 6885	DIN 79
mm (max.):	74	63

All dimensions in mm

Performance

Performance:

Torque

Nm

break away opening 1538

90 bar (normal working pressure)

Spring return

end closing 805

0° closed

90° open

1258 break away closing

1048 end opening

Spring action

Hydraulic action

open

closed

Operation port (B)

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