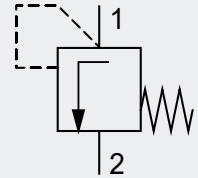


Pressure relief valve

DBG4



Directly operated
Max. operating pressure 350 bar
Max. flow rate up to 30 l/min



090140_DBG4
12.2025

Table of contents

Contents	Page
Characteristics	1
Technical data	2
Characteristic curves	2
Dimensions	3
Type code	3
Accessories and further information	4

Characteristics

- Screw-in pressure relief valve
- Compact design
- Low leakage
- Maintenance-free

Technical data*Hydraulic characteristics*

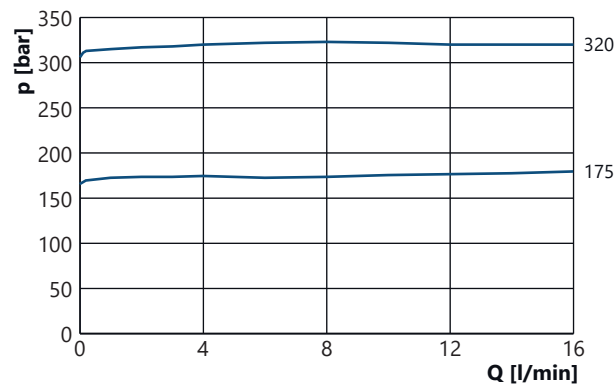
Max operating pressure:	350 bar
Max. tank pressure:	100 bar
Rated flow rate:	30 l/min
Flow direction	From 1 (P) to 2 (T):
Pressure setting range:	175 bar or 320 bar $\pm 3\%$
Operating fluids:	Mineral oils according to DIN 51524, others on request
Viscosity range:	7.4 - 420 cSt
Filtration:	Oil purity according to ISO 4406 (1999) 18/16/13, filter with $\beta_{5(c)} > 200$

NOTE

The pressure at connection 2 is added directly to the set value.

Mechanical characteristics

Design:	Screw-in valve
Fluid temperature:	-30 °C to +80 °C
Ambient temperature:	-40 °C to +80 °C
Storage temperature:	-30 °C to +60 °C (non-condensing)
Installation position:	Any
Weight:	0.215 kg
Materials:	Valve parts: Steel Seals: NBR
Surface protection:	Galvanized steel

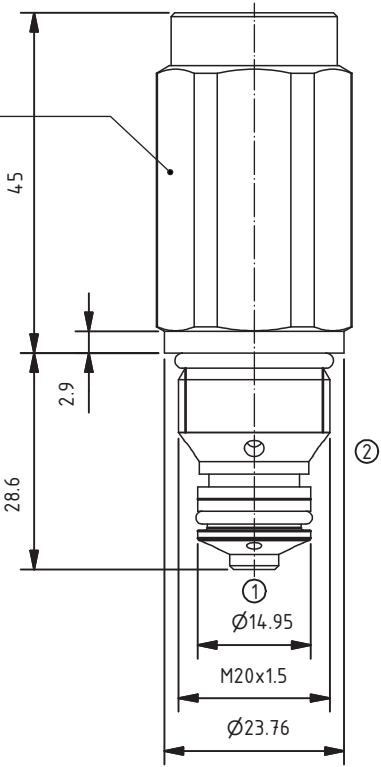
Characteristic curves**Pressure characteristic curve (p/Q) DBG4***Measurement conditions*

Oil: HLP 32, temperature: 40 °C (~32 cSt)

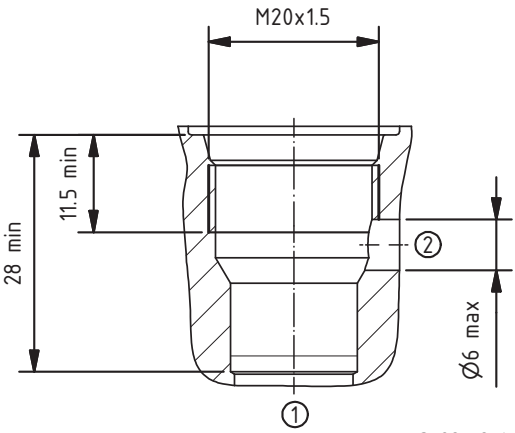
Dimensions

Screw-in valve DBG4

Tightening torque 25 +5 Nm
Size 24



Cavity DBG4



HM3/09 49 15

NOTE A detailed drawing of the cavity is provided in section 11, "General information" and in our online catalog at www.weber-hydraulik.com.

Type code

DBG4	-		/X
Pressure relief valve max. 30 l/min		Pressure setting	Revision
		XAN-175 175 bar	
		XWP-320 320 bar	

Standard program

Accessories and further information

<i>Accessories/ spare parts</i>	Article:	Article number:
	Seal kit DBG4 (NBR)	405.0114
<i>Operating manual</i>	Information regarding assembly, commissioning and maintenance is available in section 11, " General information " in the " General Operating Manual " category or on request.	