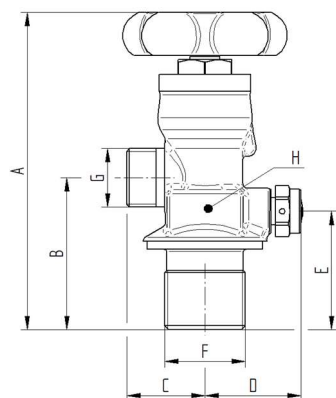




general information

product area	TECHcontrol
applications	Supply of technical and chemical systems
sealing-characteristics	O-ring PVDF sealing insert against valve seat

technical data

gas type	carbon dioxide
vessel connection (F)	M30x2 – ISO 15245
outlet connection (G)	W21,8x1/14 DIN 477 Nr. 6
test pressure	148 bar 2146 psi
pressure relief device	200 bar ± 15 bar @ 55 °C (131 °F) 2900 psi ± 218 psi
orifice diameter	Ø8 mm (0,315 inch)
tested leak-tightness	1x10 ⁻⁵ mbar*l/s
temperature range	-20 °C bis +65 °C (-4 °F to +149 °F)
Kv-value [m³/h]	filling 1,47 discharge 1,41
Cv-value [US-gallons/min]	filling 1,69 discharge 1,63
maintenance / service life	>2000 close and open cycle

dimensions

A	118 mm (4,65 inch)
B	57 mm (2,24 inch)
C	29 mm (1,14 inch)
D	36 mm (1,42 inch)
E	44 mm (1,73 inch)
F	vessel connection
G	outlet connection
H	HEX 32 AF (1,26 inch)

materials

metals	valve body: brass hand wheel: aluminium bursting cap: nickel
polymers	O-Ring: EPDM support ring: PTFE sealing insert: PVDF

certification & approval

- BAM-TPED-2023/006
- according to 2010/35/EU (TPED)
including RID/ADR 2023