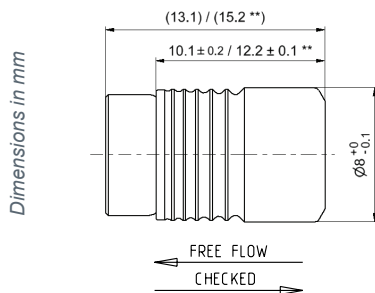




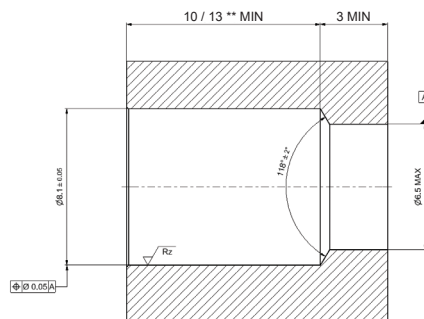
KOENIG CHECK VALVE® Series BR 8.0mm Reverse

Series BR 8.0

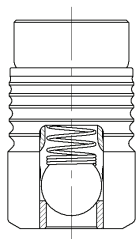
REVERSE FLOW CHECK VALVE



INSTALLATION HOLE

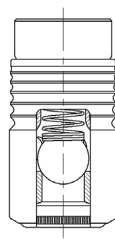


CHECK VALVE REVERSE FLOW – UNSCREENED



Part Number	Cracking Pressure (bar)
BRAA080U000	0.00 (no spring)
BRAA080U014	0.14 (± 0.05)
BRAA080U025	0.25 (± 0.10)
BRAA080U040	0.40 (± 0.30)
BRAA080U050	0.50 (± 0.30)
BRAA080U100	1.00 (± 0.30)
BRAA080U200	2.00 (± 0.30)
BRAA080U300	3.00 (± 0.50)

CHECK VALVE REVERSE FLOW – SCREENED

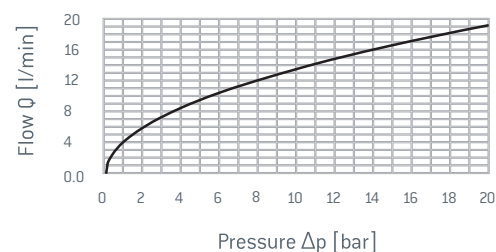


Part Number	Cracking Pressure (bar)
BRAA080S000	0.00 (no spring)
BRAA080S014	0.14 (± 0.05)
BRAA080S025	0.25 (± 0.10)
BRAA080S040	0.40 (± 0.30)
BRAA080S050	0.50 (± 0.30)
BRAA080S100	1.00 (± 0.30)
BRAA080S200	2.00 (± 0.30)
BRAA080S300	3.00 (± 0.50)

PERFORMANCE

Max. Installation Force	6800 N
Max. Working Pressure in Checked Direction	280 bar
Max. Working Pressure in Flow Direction	40 bar
Max. Leakage on Air	20 sccm @ 1.72 bar
Max. Leakage on Hydraulic Fluid (HLP46)	1 drop / min.
Cycle Test on Hydraulic Fluid (HLP46)	1.5 Mio. Cycles, 50 Hz, 30 bar, 50°C
Material of Test Body	EN – GJS – 600 – 3

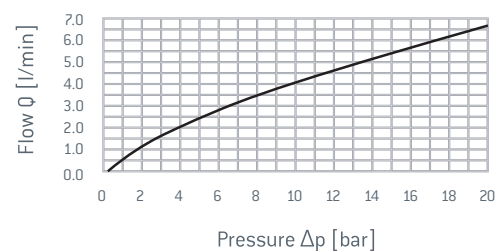
CHECK VALVE FLOW CURVE - UNSCREENED BRAA080U014; T=50°C; Hydraulic Oil HLP46



MATERIALS

Sleeve	1.4305 / AISI 303
Pin	1.4021 / AISI 420A
Cage	1.4303 / AISI 305
Spring	1.4310 / AISI 301
Ball	1.3541 / AISI 420C
Screen	1.4404 / AISI 316L

CHECK VALVE FLOW CURVE - SCREENED BRAA080S014; T=50°C; Hydraulic Oil HLP46



SETTING TOOL

Check Valve Reverse Flow – Unscreened	ST – 080 – 0560 / 300180691
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