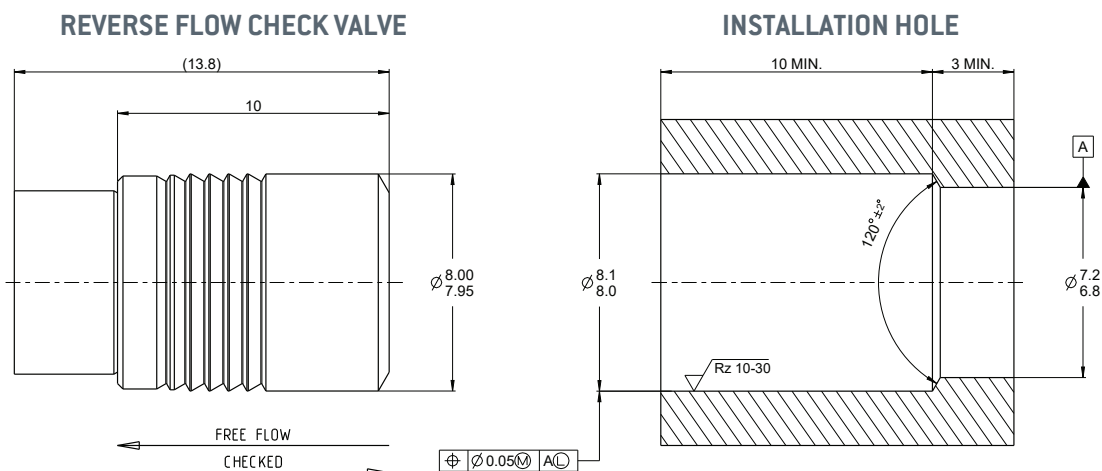
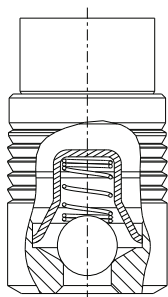


KOENIG CHECK VALVE® Series BR 8.0mm Reverse



Dimensions in mm

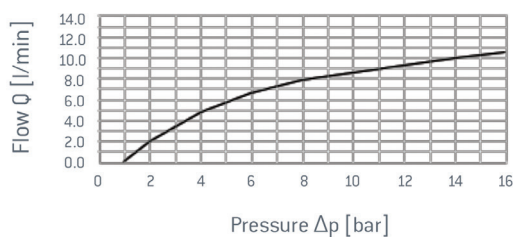


CHECK VALVE REVERSE FLOW - UNSCREENED

| Part Number | Cracking Pressure (bar) |
|----------------|-------------------------|
| BR660080024000 | 0.00 (no spring) |
| BR660080024014 | 0.14 (± 0.05) |
| BR660080024040 | 0.40 (± 0.30) |
| BR660080024100 | 1.00 (± 0.30) |

CHECK VALVE FLOW CURVE - UNSCREENED

BR660080024100; T=50°C; Hydraulic Oil HLP46



3D DATA: www.sfckoenig.com

PERFORMANCE

| | |
|--|----------------------------------|
| Max. Installation Force | 8000 N |
| Max. Working Pressure in Check Direction | 280 bar |
| Max. Working Pressure in Flow Direction | 40 bar |
| Max. Leakage on Air | 20 sccm/min. @ 1.72 bar |
| Max. Leakage on Hydraulic Fluid (HLP46) | 1 drop / min. |
| Cycle Test on Hydraulic Fluid (HLP46) | 1 Mio. Cycles, 5 Hz, 6 bar, 50°C |
| Material of Test Body | EN-GJS-600-3 |

MATERIALS

| | |
|--------|--------------------|
| Sleeve | 1.4305 / AISI 303 |
| Pin | 1.4542 / AISI 630 |
| Cage | 1.4310 / AISI 301 |
| Spring | 1.4310 / AISI 301 |
| Ball | 1.3541 / AISI 420C |

SETTING TOOL

| | |
|---------------------------------------|-----------------|
| Check Valve Reverse Flow – Unscreened | ST – 080 – 0380 |
|---------------------------------------|-----------------|

