

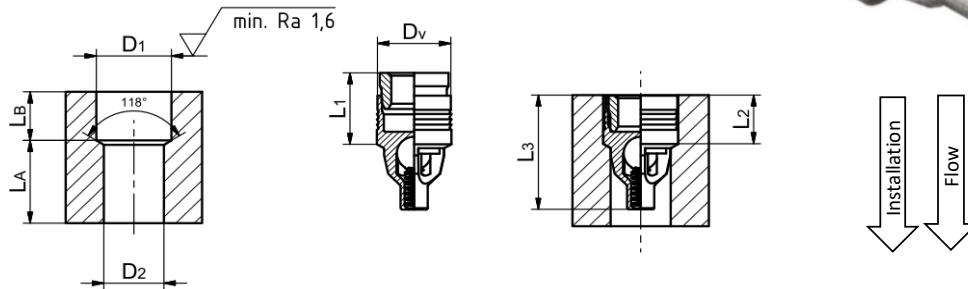


DATA SHEET FORWARD FLOW CHECK VALVE

FF080Z040



Dimensions



Bore Hole

		mm
D1	Hole Diameter Down Stream	8.15+/-0.05
D2	Hole Diameter Up Stream	6.6
LB	Min. Hole Length Downstream	5.7
La	Min. Hole Length Downstream	7.0

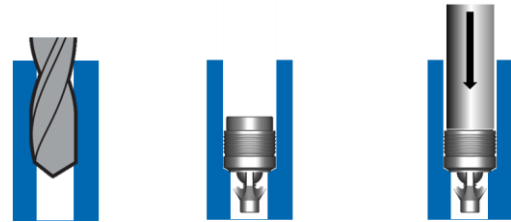
Valve

		mm
DV	Valve Diam.	7.97+/-0.02
L1	Length Pin pre-assembled	7.9
L2	Length installed	5.67+/-0.05
L3	Length installed total	12.7

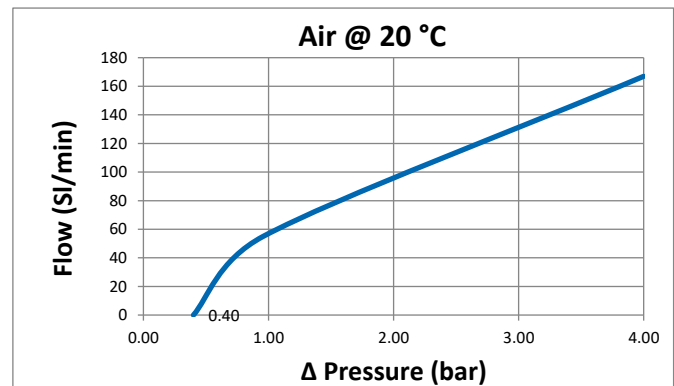
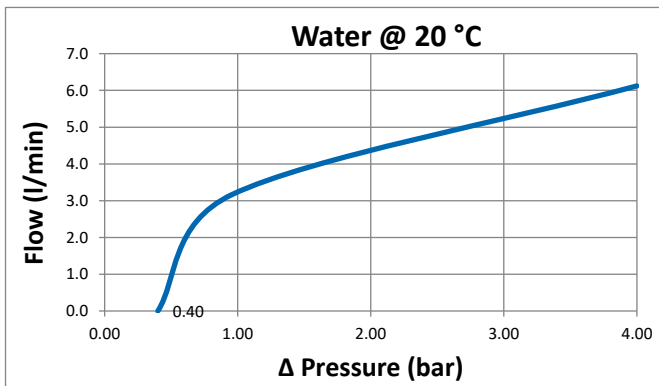
Installation

- 1 Drill bore hole acc. dimensional drawing above
- 2 Set Flex Check valve into bore hole.
- 3 Push in pin by the indicated distance (L-push-In) with installation tool and table press.

Max. Installation Force	L-push-in (mm)
<15 KN	2.25



ΔP vs Flow



Model Code

Symbol	Code	Description
①	Product	F Flex Check®
②	Direction	R Reverse F Forward
③	Size	nnn Diameter (1/10 mm)
④	Seat	- Standard Z Zero Leak
⑤	CP	nnn Cracking Pressure [1/100 bar]
⑥	Options	/P High accuracy CP +/- 10% /L Reduced Inst. Force /C Ceramic ball /Rxyz Restrictor orifice (Diam. 1/10 mm) /S125 Screen 125 mcr /M MedTech steel (1.4404)
⑦		SPEZ Special Design

F R 055 Z 014 /P/M... SPEZ

Performance

Cracking Pressure	0.4 bar +/-30%
Leakage	0 sccm/min
Max. Pressure - chck/flow	400/40 bar
Max. Installation Force	<15 KN
Min. Fixation Loading	6.34710743801653 KN
Life Time Cycles	15 mio mio
Weight	4.3 g

Materials

Body	Stainless Steel
Ball	Stainless Steel
Spring	Stainless Steel



SWISS MADE