



Start-up valve

Size 2

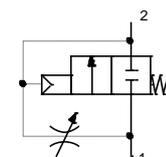
FU 933

FU 934

G 3/8

G 1/2

2.5 to 16 bar



Description

Start-up valve (filling valve) for a **delayed build-up of pressure** in pneumatic systems. The **delay time** can be **altered** by turning the adjusting screw on the top.

Recommended application:

If a pneumatic system is pressurised after it has come to a standstill, undesirable pressure surges occur that can significantly impair the service life of individual components. Connected actuators are operated in an uncontrolled way, leading to a high hazard potential.

Characteristics

Type	FU 933	FU 934
Port (thread)	G 3/8	G 1/2
Type of construction	Start-up valve	Seat valve, pneumatically operated by secondary pressure
Medium	Compressed air, neutral gases	
Mounting position	Any	
Temperature Medium / ambient	Max. 50°C	
Input pressure Pin	Pin max. 16 bar / Pin min. 2.5 bar	
Output pressure	50% input pressure (closed systems only)	
Nominal flow Qn	4500 l/min (Pin 6 bar, Δp = 1 bar)	
Mounting type	Bracket, wall mounting	

Materials

Part	Material
Head piece	IXEF1022®
Cover	Schulaform®
Adjusting screw	Brass
Piston	Brass / NBR
Valve cone	Brass / NBR
Valve tappet	PA 6
Counter-pressure spring	Stainless steel
O-ring	NBR

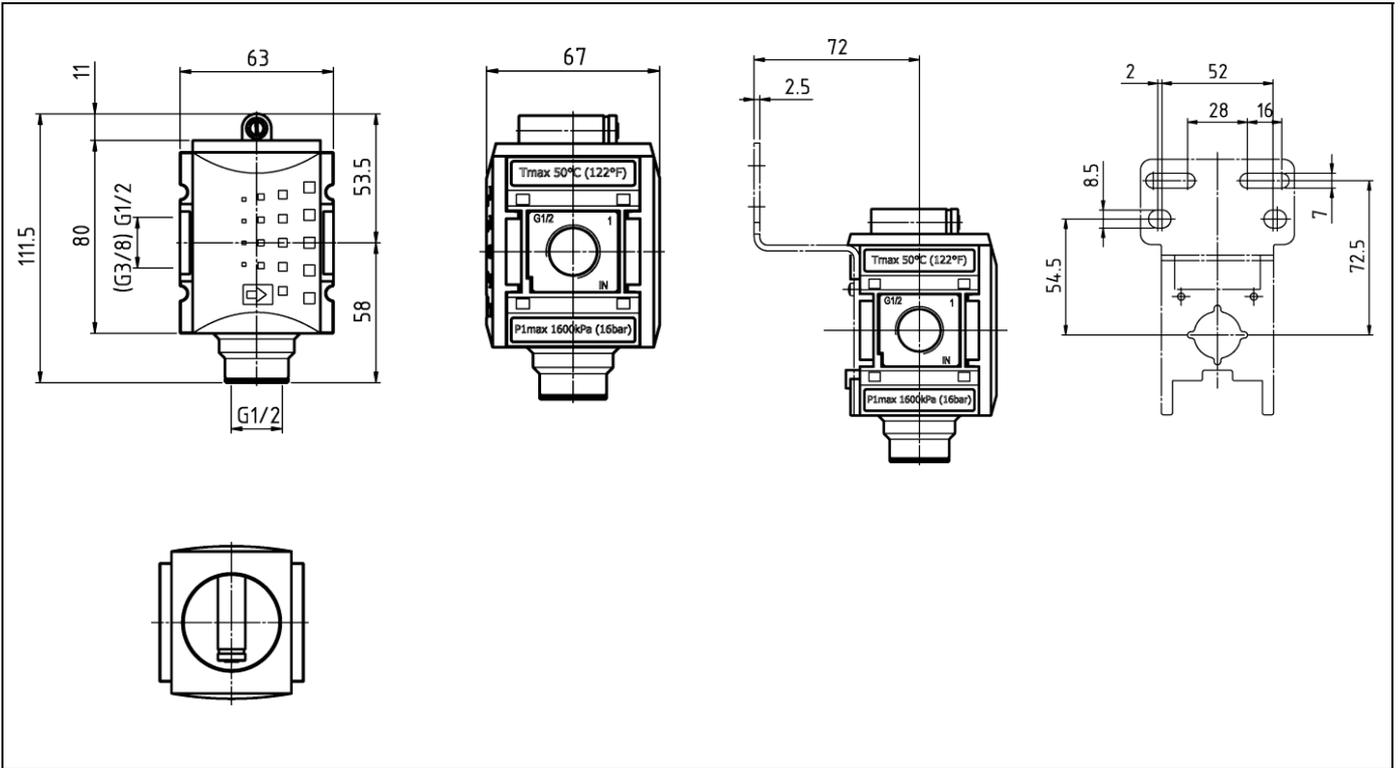
Ordering information

- The valves are delivered in single packs

Accessories

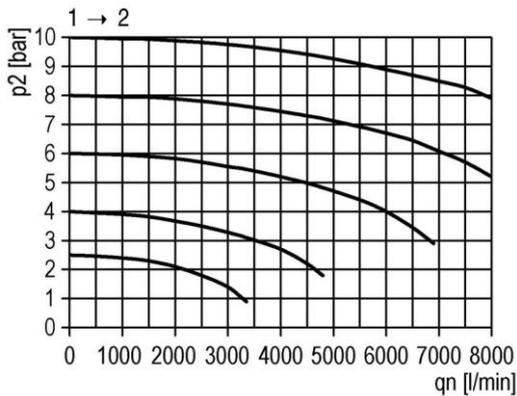
Designation	Art. No.
Mounting bracket, incl. screws	H 852
Wall bracket, incl. screws	WK 102
Joiner set, incl. screws	KP 200
Wall bracket with connection thread G 3/8	WK 102-38
Wall bracket with connection thread G 1/2	WK 102-12
Wall bracket with connection thread G 3/4	WK 102-34

Dimensions



Flow rates

Flow characteristic



Filling characteristic

