

Features

- Suitable for low pressure applications
- This valve allows compressed air from one side to flow and blocks the inverse flow to protect and maintain the vacuum line
- Check valves permit air flow in the one direction
- Easily applied to low pressure piping
- Temperature range: 0°C to +60°C.
- Vacuum operating pressure: -100 kPa (10 Torr)
- The minimum pressure required to achieve full leak-proof sealing: 30 psi (2.07 bar)

RS PRO Check Valves Straight Union Type

RS Stock No.: 9160934, 9160943, 9160946,
9160940, 1442702



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

- **Pneumatic Tools & Systems:** Prevents compressed air from reversing into the compressor or tools.
- **Automation Machinery:** Directs cylinder movement accurately, aiding consistent mechanical performance.
- **Vacuum Systems:** Stops atmospheric air from leaking into vacuum pipelines.
- **Compressed Air Networks:** Protects equipment by isolating sections during shutdowns or failures.
- **Applicable Fluid Type:** Air / Water(conditional)

Control Method and Symbol:

Air flows from toe >-marked port, from the other end



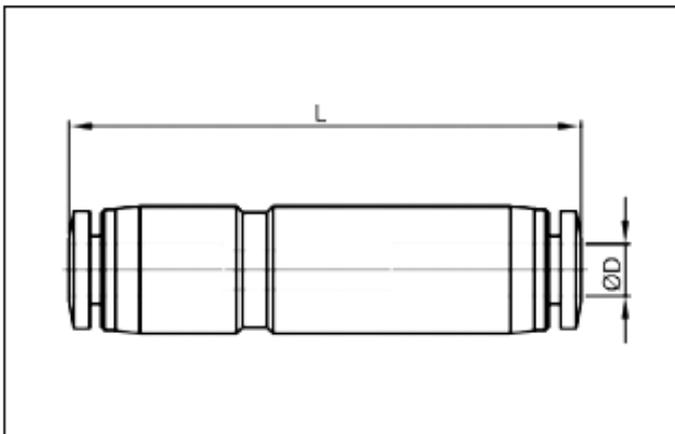
Air flows from the O-marked port, not from the other end

Specifications

Body Material	Brass
Sleeve Material	POM
Lock Claws	SUS
Type	Straight Union
Inlet Port Type:	Tube
Outlet Port Type	Tube
Working Temperature Range	0 ~ 60°C
Working Pressure Range	0~10bar
Vacuum Pressure	-100Kpa (10Torr)
Turn on pressure	0.5bar

Products

Stock No.	Type	ØD	L
9160934	Straight Union	4	43
9160943	Straight Union	6	46
9160946	Straight Union	8	53
9160940	Straight Union	10	61.5
1442702	Straight Union	12	67



Products Range

Stock No.	Type	Size	Photo
1442693	Straight Male	04-01 (1/8PT)	
1442694	Straight Male	06-01 (1/8PT)	
1442695	Straight Male	06-02 (1/4PT)	
1442696	Straight Male	08-01 (1/8PT)	
1442697	Straight Male	08-02 (1/4PT)	
1442698	Straight Male	10-02 (1/4PT)	
1442699	Straight Male	10-03 (3/8PT)	
1442700	Straight Male	12-03 (3/8PT)	
1442701	Straight Male	12-04 (1/2PT)	
1442703	Straight Male	01-01 (1/8PT)	
1442704	Male Female	02-02 (1/4PT)	
1442705	Male Female	03-03 (3/8PT)	
1442706	Male Female	04-04 (1/2PT)	