

for compressed air or gases

Type 74008

Safety valves made from Stainless Steel <
Atmospheric discharge with threaded connections <

Example Applications

- Compressors
- Pressure vessels
- Pneumatic systems
- Transport and railway systems

Specifications

- Inlet connections: 1/4" to 1/2"
- Temperature: -40°C to +200°C (depending on seal material)
- Pressure range: 0.27 to 17.5 barg

Materials of Construction

Component	Material	Grade
Body	Stainless Steel	BS970 316S31
Internal Parts	Stainless Steel	BS970 316S31
Spring	Stainless Steel	BS2056 302S26

Approvals

- TÜV Type test approval 276
- Designed in accordance with BS EN SO 4126-1.
- P.E.D. 2014/68/EU
- EAC

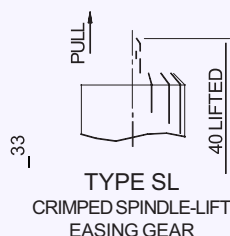


Seal Materials

Seal Material	Temperature Range
Viton® (FKM)	-15°C to +200°C
Nitrile (NBR)	-40°C to +120°C

Easing Gear / Lifting Gear Options

- **Standard option** – Rota-lift cap, twist type
- **Other option** - Spindle lift

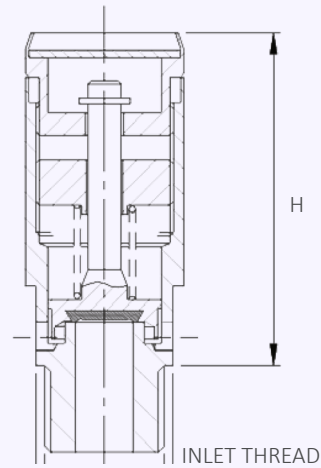


Technical information by bore size

Bore size	7.9mm		
Inlet Size	1/4"	3/8"	1/2"
Flow Area	49mm ²		
H - Height (Rota-lift cap)	46mm		
TÜV allotted outflow coefficient 1	0.63		
Weight (approximate) Kg	0.15		
Set Pressure range - PED (CE) Bar g	0.27 to 17.5		
Relieving pressure/fully open pressure	Set Pressure +10% (0.1 Bar.g below 1.0 Bar.g)		
Reseating pressure	Set pressure -10% (0.3 Bar.g below 3.0 Bar.g)		

1 TÜV allotted outflow coefficients for pressures above 3.0 bar g, for lower pressures please see the flow rate tables or contact Seetru.

Valves with Rota-lift Easing Gear



Standard Thread Connection Types

- BSP Parallel male thread
- BSP Taper male thread
- NPT male thread

Valve Selection Guide

Approval Required	Valve type	Select Bore	Inlet Size	Thread Type	Easing Gear	Seal Material
PED (CE)	74008	8mm	Select inlet size from above table	Select thread type	Select easing gear (rota-lift is the standard option)	Viton® Nitrile

EAC marking available upon request


***Please send your selected details to Seetru and we can provide the full ordering code, price and lead-time.**

Example of Valve Selection Process

Example Selection	CE	74008	8	1/4"	BSP Taper	Rota-lift	Viton	8.5
	Approval	Valve Type	Bore = 8mm	Inlet Size	Thread Type	Easing Gear	Seal	Set Pressure

Capacity Table - In accordance with TÜV, AIR at 0°C and 1013mbar. Normal m³/hour
 Type 74008: Flow rates at 10% above the set pressure



Set Pressure			Bore Size (D0)			
			7.9mm			
Bar g	Psi g		Nm ³ /Hour			
0.27	3.915		19.8			
0.5	7.25		27.5			
1	14.5		40.9			
1.5	21.75		54.2			
2	29		66.5			
3	43.5		90.7			
4	58		113.8			
5	72.5		137.0			
6	87		160.1			
7	101.5		183.3			
8	116		206.4			
9	130.5		229.5			
10	145		252.7			
11	159.5		275.8			
12	174		298.9			
15	217.5		368.4			
17.5	253.75		426.2			