

Atmospheric Discharge Safety Relief Valves

Seetru Limited

for compressed air or gases

Type 55004

Safety valves made from Brass <
Atmospheric discharge with threaded connections <

Example Applications

- Compressors
- Pressure vessels
- Pneumatic systems
- High pressure systems

Specifications

- Inlet connections: 1/4" to 1/2"
- Temperature: 0°C to 100°C
- Pressure range:
 - 69.0 to 448.2 bar (3/8" and 1/2")
 - 69.0 to 345.0 bar (1/4")

Materials of Construction

Component	Material	Grade
Inlet	Stainless Steel	BS EN 10272 GR 1.4401
Body	Brass	BS EN 12164 CW614N
Adjuster	Brass	BS EN 12164 CW614N
Spring	Carbon Steel	BS2803 685A55 R2
Plunger	Stainless Steel	BS EN 10272 GR 1.4057



Approvals

- Designed in accordance with BS EN ISO-4126-1 & -7
- PED 2014/68/EU (CE)
- PE(S)R UK SI 2016 No. 1105 (UKCA)

CE UK EAC

Seal Materials

Seal Material	Temperature Range
Viton® (FKM)	0°C to 100°C
Nitrile (NBR)	0°C to 100°C

Easing Gear / Lifting Gear Options

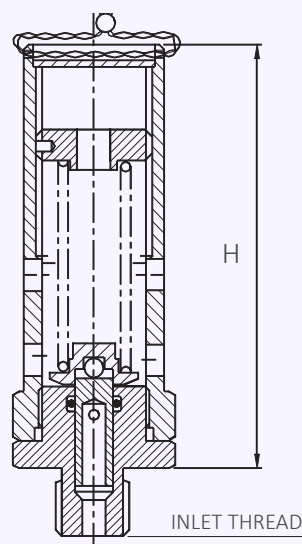
Standard option – No easing gear.

Technical information by bore size



Bore size	3.73mm		
Inlet Size	1/4"	3/8"	1/2"
Flow Area	10.95mm ²		
H - Height	90mm		
TÜV allotted outflow coefficient	0.082		
Weight (approximate) Kg	0.5		
Set Pressure range - PED (CE) bar	69 to 448.2 bar (Max. 345 bar for 1/4")		
Relieving pressure/fully open pressure	Set pressure +10%		
Reseating pressure	Set pressure-15%		

Valves with Rota-lift Easing Gear



Standard Thread Connection Types



- BSP Parallel male thread

Valve Selection Guide



Approval Required	Valve type	Inlet Size	Thread Type	Easing Gear	Seal Material
PED (CE)	55004	Select inlet size from above table	Select thread type	None	Viton® (FKM)
					Nitrile (NBR)

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	55004	1/2"	BSP parallel	None	Viton	100 bar
	Approval	Valve Type	Inlet Size	Thread Type	Easing Gear	Seal	Set Pressure

