T56
In-line, non-return valves

- Port size: 1/8" & 1/4" ISO G/NPT
- Permit free flow of air in one direction only
- Simple, reliable design
- VMQ free
- Low cracking pressure

Technical features

Medium:
Compressed air, filtered, lubricated and non-lubricated

Operation:
Non-return valve

Operating pressure:
0,1 ... 10 bar (1,4 ... 145 psi)

Cracking pressure:
0,05 bar (0,7 psi)

Port size:
G1/8 & G1/4

Mounting:
Line mounted

Ambient/Media temperature:
-20 ... +80°C max. (-4 ... +176°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F)

Materials:
Body: brass
'O' ring: VMQ free NBR
Valve: POM
Spring: stainless steel

Technical data, standard models

Symbol	Port size	Flow factor C *1)	Cv	Kv *2)	Weight (kg)	Model
	G1/8	2,4	0,59	0,51	0,045	T56C1800
	G1/4	5,0	1,23	1,07	0,072	T56C2800

*1) Measured in dm3/(s.bar)
*2) Measured in m3/h

Options selector

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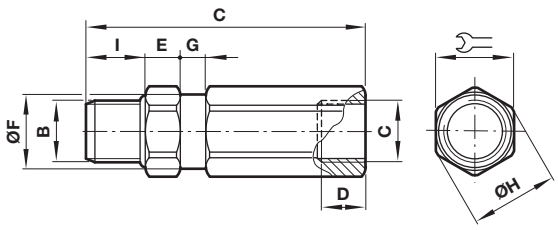
Thread form	Substitute
ISO G, parallel	C
NPT	A

Port size	Substitute
1/8"	18
1/4"	28

Dimensions

Dimensions in mm
Projection/First angle



Port size B	C	D	E	Ø F	G	Ø H	I		Model
G1/8	49	7	4,5	13,5	4	15	9,5	14	T56C1800
G1/4	62,5	10	5	16,5	5	18,5	14,5	17	T56C2800

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/data**«. Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren Ltd.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.