

Pressure reducing valve

Subject to PED 2014/68/EU category I



DN 8 - DN 25



DN 32 - DN 50

Application:

Pressure reduction of compressed air, nitrogen, and other non-combustible gases, water and neutral non viscous fluids.
Not suitable for steam!

Working (inlet) pressure: **max. 40 bars**

Outlet pressure range: **1,5 to 20 bars**

highest reduction ratio 6 : 1

Maximum temperature: 75°C

Assembly position: any, preferably vertical

Minimum pressure difference inlet/outlet pressure
appr. 1 bar

Version:

Non-pressure-relieved single seated piston valve

Flange acc. DIN EN 1092 PN 40

Inner parts are replaceable

Double-ended G 1/4" manometer fitting

High setting accuracy and good response action

due to low friction of the small number of moving parts

Materials:

Body

: Gunmetal CuSn5Zn5Pb2-C-GS / CC499K (Rg5)

Spring bonnet

: Up to DN 25 brass from DN 32 cast iron

Regulating piston

: Brass

Seals

: NBR

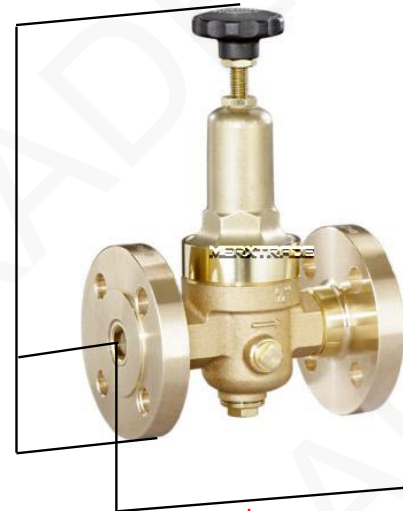
Inner parts

: Up to DN 25 brass
from DN 32 brass & gunmetal & stainless steel

h1

h2

b



Product no.		1472353008	1472353010	1472353015	1472353020	1472353025	1472353032	1472353040	1472353050
Nominal width	DN	8	10	15	20	25	32	40	50
dimensions in mm	h1	130	130	140	140	205	230	230	295
	h2	48	48	48	52,5	57,5	70	75	82,5
	b	130	130	130	150	160	180	200	230
Flange ϕ		80	90	95	105	115	140	150	165
Weight	kg	1,2	1,2	3,4	4,3	5,8	10,7	11,7	17,3
Kvs value	m ³ /h	0,5	0,6	1,2	1,3	1,6	4,2	4,5	7,2