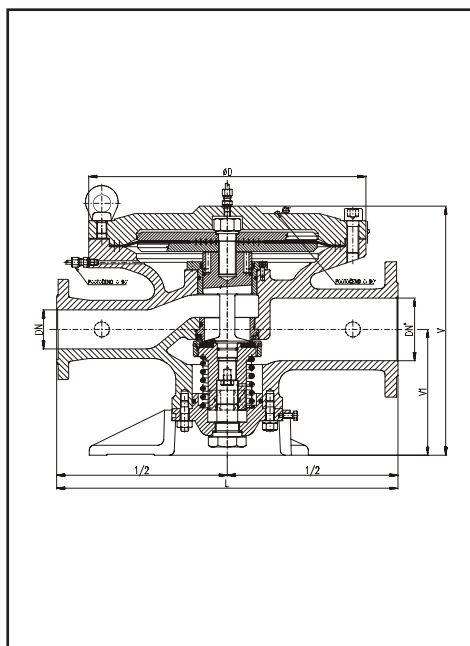


## PRESSURE REGULATOR WITH A PILOT VALVE



## USE

This pressure regulator is a valve that reduces the inlet overpressure of supplied gas, and adjusts it to a constant outlet pressure within the range of a toleration field in a self-acting way. The regulator is suitable for natural gas and all noncorrosive gaseous media. Required gas filtration: 5 µm.

## PRESSURE RANGES

	Overpressure [MPa]				Minimum difference
	Inlet pressure		Outlet pressure		
	Min.	Max.	Min.	Max.	
RT 525 540	0,08	4,0	0,05 0,8	0,9 2,5	0,03
RT 525 563	0,08	6,3	0,05 0,8	0,9 3,2	0,03

## PRECISION CATEGORIES

ACCURACY CLASS	CLOSING PRESSURE CLASS
AC 5	SG 10

## TYPES / DN / PN / TEMPERATURE RANGES

RT 525 540	DN 25, 32, 50, 80	PN 40	-10 °C to 70 °C
RT 525 563	DN 25, 50, 80	PN 63	-10 °C to 70 °C

## MATERIAL

	RT 525 540, 563
Valve body	1.0619 N
Valve cone, guide bush	BRASS
Screwing, piston	STAINLESS STEEL
Diaphragm disc, cover	CARBON STEEL
Sealing rings	NITRIL RUBBER
Diaphragm	NITRIL RUBBER REINFORCED WITH CLOTH

## CONNECTION

Connecting dimension of flanges comply with DIN.

RT 525 540	Inlet PN 40	Outlet PN 25
RT 525 563	Inlet PN 63	Outlet PN 40

## NOTE

Take into account comments of the instalation of gas pressure regulators (page 5).

## DIMENSION TABLE

DN	PN	DN'	L	D	V	V1	kg
25	40	40	365	285	250	120	49
	63						50
32	40	50	400	305	271	127	59
50	40	80	540	420	381	197	130
	63						131
80	40	125	680	552	475	230	368
	63						370

$K_{vs}$  – flow coefficient

Note: The dimensions of connecting flanges - see pages 43, 44.