



Reduction valve

2/130, 140, 150

PN 63 - 320

Design

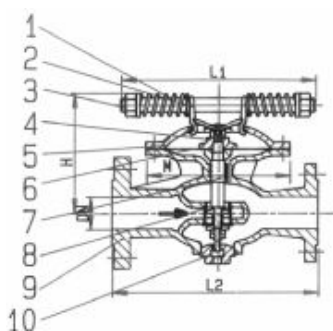
- double seat reduction valve with regulating spring and metal diaphragm
- mechanical adjustment of reduction pressure

Application

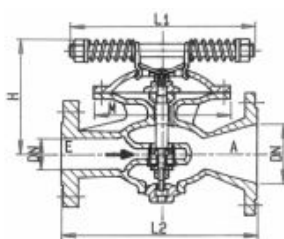
- gaseous and liquids media
- primary pressure up to 320 bar, secondary from 10 bar

Connections

- Flanges acc. EN 1092 -1, the other standards at request
- butt welding ends acc. EN 12627 od DIN 3239 - 1

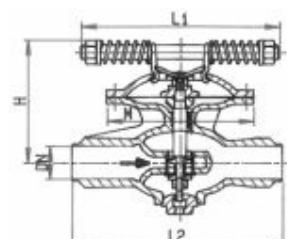


Type 130 $A = E$



Type 140 - $A = 1,5 \times E$

Type 150 - $A = 2 \times E$



option with butt weld. ends

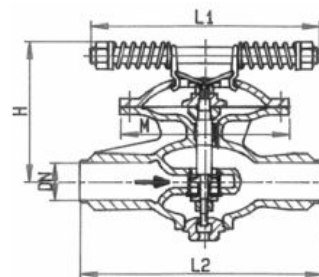
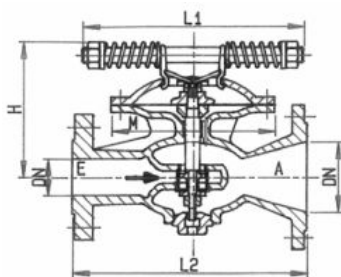
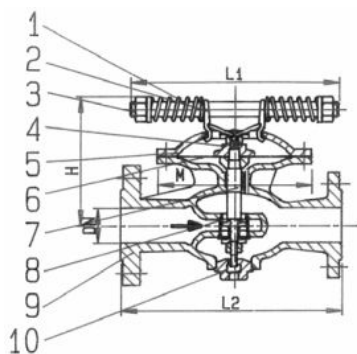
Materials		
Pos.	Part	Material
1	Spring	Spring steel
2	Support	GTW - 40, GGG 42, GS - C25
3	Spring stem	St 37
4	Diaphragm nut	Rg 5, 1.4021
5	Cover	GS - C25, 1.5415 , 1.7357
6	Diaphragm	Stainl. Steel, phosphore brass
7	Cone stem	1.4021 / 1.4301
8	Seat baket	1.4021 / 1.4301
9	Body	GS - C25, 1.5415 , 1.7357
10	Closure cap	1.4021 / 1.4301



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Dimensions														
DN E	Type 2 / 130				DN A	Type 2 / 140				DN A	Type 2 / 150			
	L ₁	L ₂	M	H		L ₁	L ₂	M	H		L ₁	L ₂	M	H
15	300	250	152	145										
20	300	250	152	145										
25	300	260	152	155	40	300	250	152	145					
32	360	290	178	175	50	300	250	152	145	65	300	250	152	145
40	360	320	204	200	65	300	260	152	155	80	300	250	152	145
50	500	380	255	230	80	360	290	178	175	100	300	260	152	155
65	500	380	255	245	100	360	320	204	200	125	360	290	178	175
80	500	420	255	275	125	500	380	265	230	150	360	320	204	200
100		350			150	500	375	255	245	200	500	400	255	230
125		350			200	500	425	255	275	250	500	475	255	245
150	730	600	360	400						300	500	420	255	275
200		500			300	730	650	360	400	400		700		
250		600												
300		700								600	730	600	360	400

Special designs:

- with vertical centric spring
- with butt welding ends