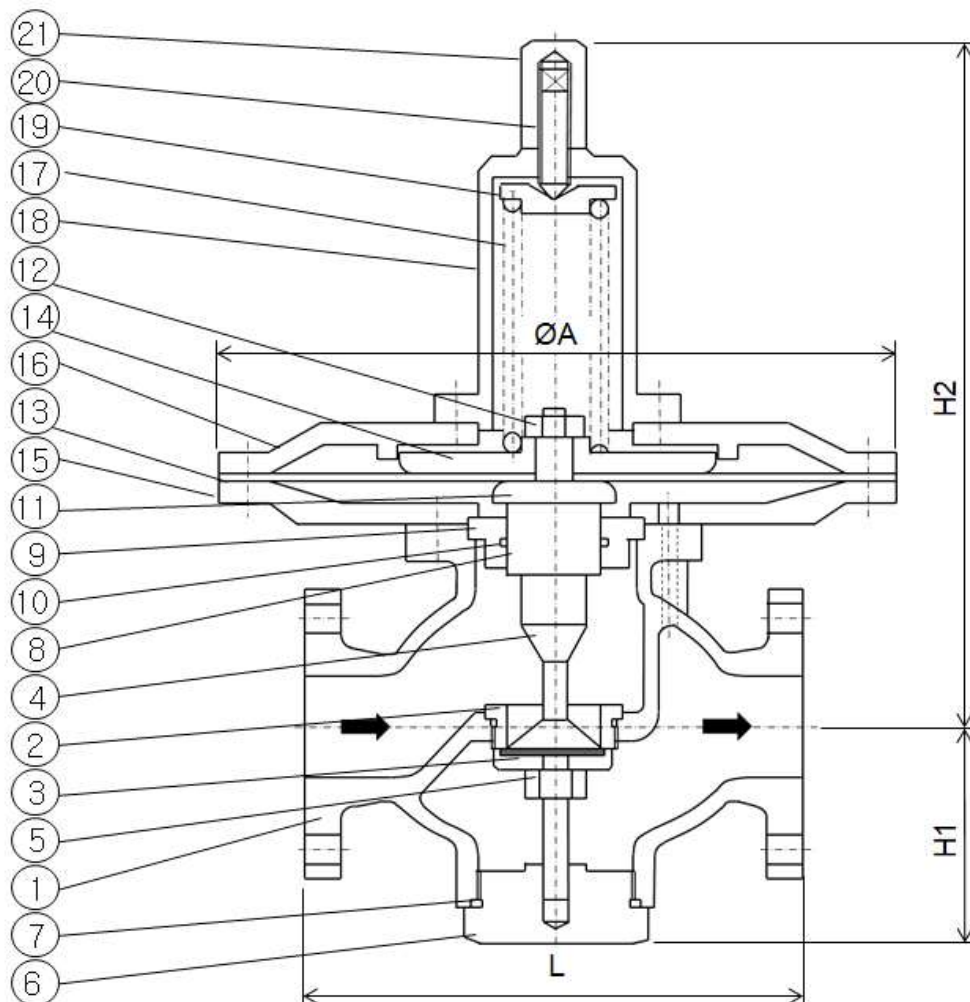




MAIN DIMENSIONS

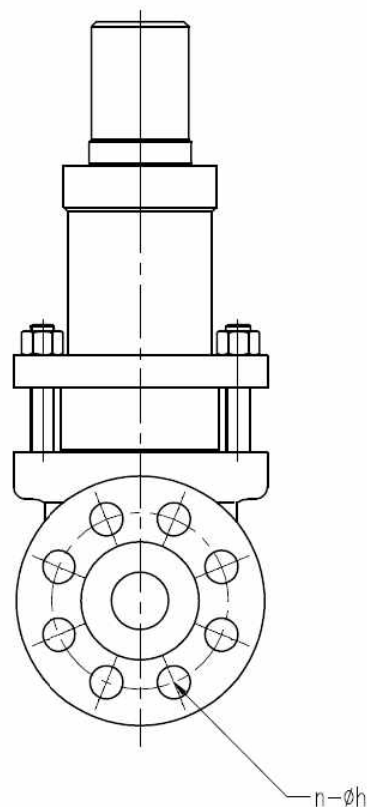
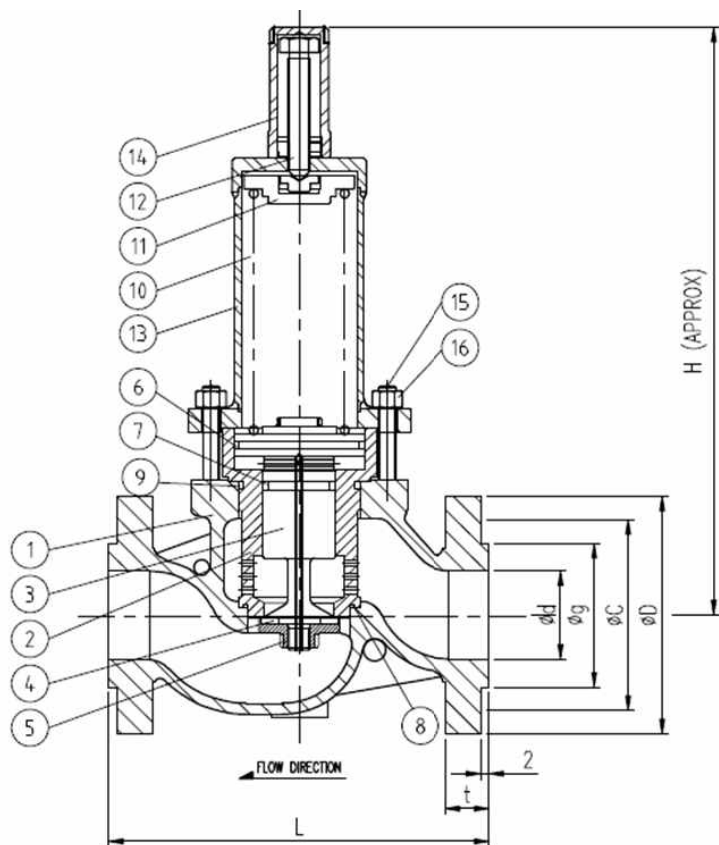
Size	25A	32A	40A	50A	65A	80A	100A	125A	150A
L	184	184	222	254	276	298	352	400	452
H1	82	82	97	105	123	130	150	170	201
H2	262	262	305	320	420	436	540	612	720
ØA	166		240		286		386		

No	Name of Parts	Material	Remarks
20	Cap	MC Nylon	
19	Top Spring Seat	SS400	
18	Spring Case	SS400	
17	Spring	SWOSC	
16	Diaphragm Cover	SS400	
15	Diaphragm Case	SS400	
14	Diaphragm Plate	STS304	
13	Diaphragm	EPDM	
12	Hex Nut	STS304	
11	Diaphragm Seat	STS304	
10	O-Ring	EPDM	
9	Cylinder	STS304	
8	Piston	STS304	
7	O-Ring	EPDM	
6	Bottom Guide	STS304	
5	Lock Nut	STS304	
4	Stem	STS304	
3	Disc	EPDM	
2	Seat	STS304	
1	Body	GCD/WCB	Optional 351CF8
BILL OF MATERIAL			

SPECIFICATIONS

Model/ Type	PRV - 10F	PRV - 20F
Applicable 1 st Pressure	Max.10bar	Max.20bar
Setting Spring Range	0.5~4bar/ 4~7bar/ 7-12bar	
Applicable Fluid	Air & Gas, Water	
Applicable Temperature	Max. 80°C	
Body Materials	GCD450, 216WCB, 351CF8	
Connection	Standard	KS 10K FF Flange KS 20K RF Flange
	Optional	ANSI 150Lb, 300Lb Flange

ITEM	PRESSURE REDUCING VALVE		
MODEL	PRV - 10F/20F	DWG No	PRV-20F-001
SIZE	25A-150A	DATE	2018.10.20
 OMEGA VALVE			Better savings Better efficiency



EXTERNAL DIMENSIONS (KS20K)

Size	L	H	d	D	C	t	g	n-h	WT(kg)
50A	267	366	50	155	120	18	96	8-19	16.5
80A	292	480	80	200	160	22	132	8-23	48
100A	368	520	100	225	185	24	160	8-23	96
150A	451	582	150	305	260	28	230	12-25	240

No	Name of Parts	Material	Remarks
16	Hex Nut	A1942H	
15	Stud Bolt	A193B7	
14	Cap	A36	
13	Spring Case	A36	
12	Adjusting Screw	SCM21	
11	Top Spring Seat	A36	
10	Main Spring	SUP11	
9	Cage Seal	Viton	
8	Seat Seal	Viton	
7	Stem Seal	AFLAS	
6	Piston Seal	AFLAS	
5	Disc Holder	STS420	
4	Disc	AFLAS	
3	Stem	STS420	
2	Cage & Seat	STS420	
1	Body	A216WCB	

BILL OF MATERIAL

SPECIFICATIONS

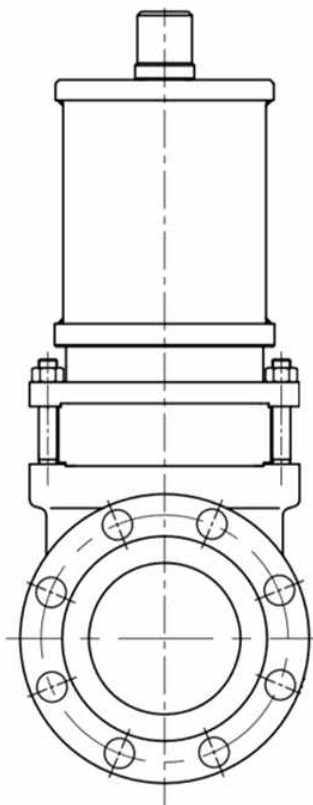
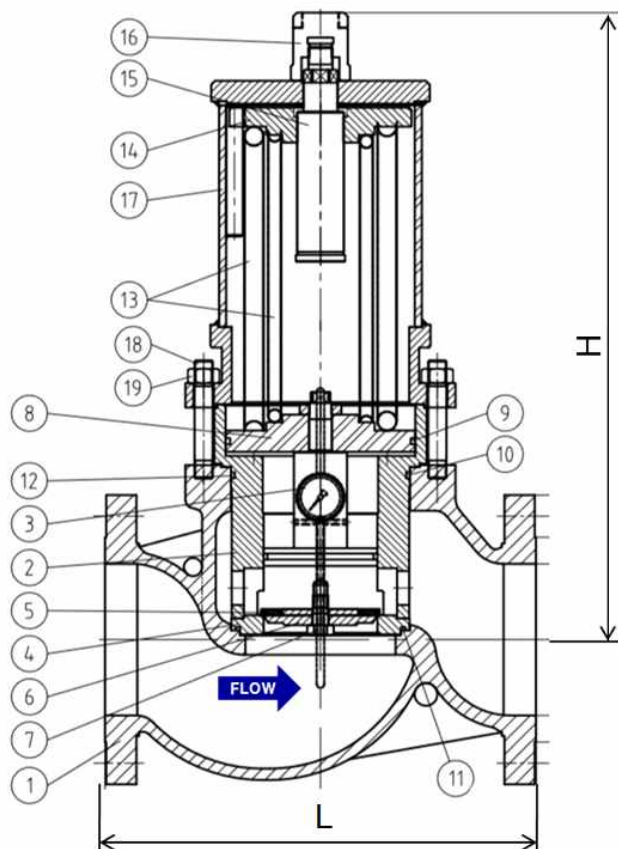
Applicable Fluid	Water & Gas
Design Pressure	Max. 30kg/cm ² G
Applicable Temperature	Max. 220°C
Connection	KS 10K/20K RF Flange
Function	Pressure Reducing
Set Pressure	3-7K / 7-12K / 12-18K

FOR INFORMATION

ITEM	PRESSURE REDUCING VALVE		
MODEL	PRV-30F	DWG No	PRV-10F-03
SIZE	150A	DATE	2020.4.29

OMEGA VALVE

Better savings
Better efficiency



EXTERNAL DIMENSIONS

Size	L	H	Cv	WT(kg)
25A	184	267	4.0	12.5
40A	222	322	9.0	16.8
50A	254	335	16	19.5
65A	276	390	25	32.4
80A	298	420	36	64.2

No	Name of Parts	Material	Q'ty	Remarks
19	Hex Nut	STS304	8	
18	Stud Bolt	STS304	8	
17	Spring Case	STPG	1	
16	Cap	S20C	1	
15	Adjusting Screw	STS420	1	
14	Top Spring Seat	S20C	1	
13	Spring	SUP11	2	
12	Guide Seal	NBR	1	
11	Seat Seal	STS304	1	
10	Stem Seal	NBR	1	
9	Piston Seal	VITON	1	
8	Piston	STS304	1	
7	Disc Lock Nut	STS304	1	
6	Disc Washer	STS304	1	
5	Disc	VITON	1	
4	Seat	STS304	1	
3	Stem	STS420	1	
2	Cage & Cylinder	STS304	1	
1	Body	A216WCB	1	

BILL OF MATERIAL

SPECIFICATIONS

Applicable Fluid	Water, Oil, Gas
Working Pressure	Max. 10bar
Applicable Temperature	Max. 120°C
Connection	KS 10K RF Flange
Function	Pressure Relief
Spring Setting Range	1~4bar/ 4~7bar/ 7~10bar

ITEM	PRESSURE RELIEF VALVE		
MODEL	PRV-R10F	DWG No	PRV-10F-001
SIZE	DN25-80	DATE	2020.5.20



OMEGA VALVE

Better savings
Better efficiency