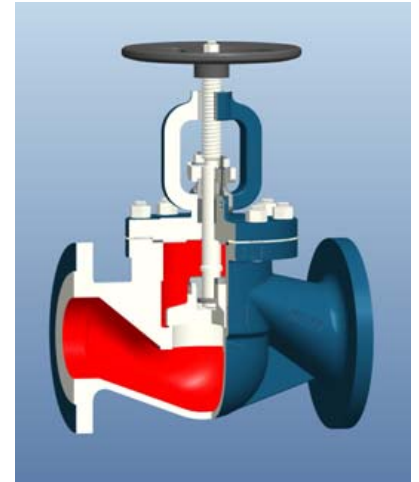
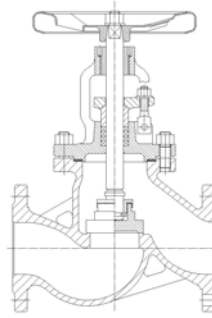


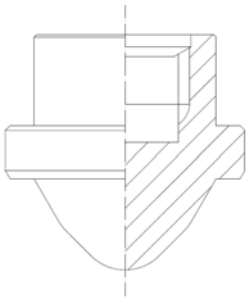
**Design acc. : EN 13709**  
**Face to face : EN558 G1**  
**Flange end : EN1092-1**  
**Test acc. : EN12266**  
**TA-Luft Packing**  
**TA-Luft Gasket**  
**Temperature range :**  
 -29°C to +425°C ( 1.0619N )  
 -196°C to +600°C ( 1.4408 )  
**Body : 1.0619N /1.4408**



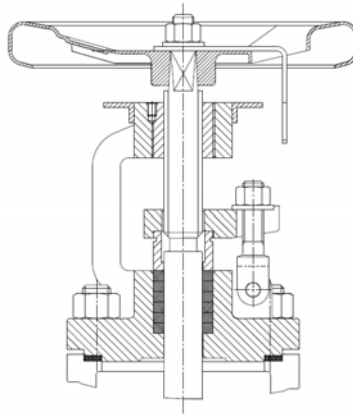
**FIG : 121**

**FIG : 121**

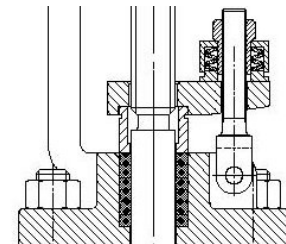
**Available**



**regulating disc**



**position indicator**



**spring load system**

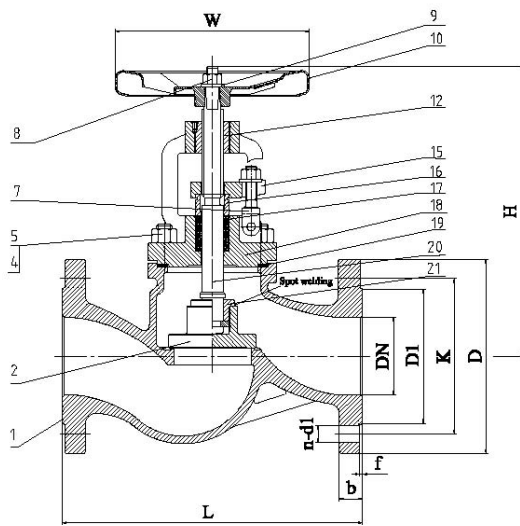
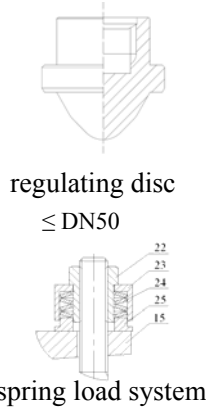


FIG.	Pressure	Material	Range
133.121	PN16	1.0619N	DN15-DN100
135.121	PN40	1.0619N	DN15-DN100
153.121	PN16	1.4408	DN15-DN100
155.121	PN40	1.4408	DN15-DN100



**Design acc. : EN 13709**  
**Face to face : EN558 G1**  
**Flange end : EN1092-1**  
**Test acc. : EN12266-1**  
**TA-Luft Packing**  
**TA-Luft Gasket**  
**Temperature range :**  
**-29°C to +425°C (1.0619N )**  
**-196°C to +600°C (1.4408 )**

**Material List**

NO.	Part	Material	
		FIG.133.121/135.121	FIG.153.121/155.121
1	Body	1.0619N+13Cr	1.4408
2	Disk	1.4021	1.4401
4	Bolt	1.7225 (GC)	A4
5	Nut	1.1181(YK)	A4
7	Bolt	35	1.4571
8	Nut	35	A2
9	Gasket	35	1.4408
10	Handwheel	C10E	C10E
12	Yoke nut	0.7040	0.7040
15	Gland	1.0619N	1.4408
16	Packing gland	1.4021	1.4401
17	Packing	TA-Luft Packing	TA-Luft Packing
18	Bonnet	1.0619N	1.4408
19	Body seal	TA Luft Gasket	TA Luft Gasket
20	Stem	1.4021	1.4571
21	Disc nut	1.4301	1.4401
22	Nut	1.4006	1.4401
23	Cover	1.4006	1.4401
24	Spring	51CrV4	51CrV4
25	Gasket	1.4006	1.4401

**Dimension List**

PN	DN	L	D	D1	K	b	f	W	n	d1	H	Travel	Kv(m <sup>3</sup> /h)	Weight(KG)
16	65	290	185	122	145	18	3	180	8	18	310	26	85.8	22.6
	80	310	200	138	160	20	3	200	8	18	374	29	134.8	26.5
	100	350	220	158	180	20	3	225	8	18	377	36	214.6	52.1
16/40	15	130	95	45	65	16	2	120	4	14	232	8	2.9	4.2
	20	150	105	58	75	18	2	120	4	14	232	8	6.0	4.8
	25	160	115	68	85	18	2	140	4	14	245	13	10.3	6.6
	32	180	140	78	100	18	2	140	4	18	245	13	17.6	7.9
	40	200	150	88	110	18	3	160	4	18	295	14	30.5	11.6
	50	230	165	102	125	20	3	160	4	18	295	18	50.2	14.7
40	65	290	185	122	145	22	3	180	8	18	310	26	85.8	23.1
	80	310	200	138	160	24	3	200	8	18	374	29	134.8	27.2
	100	350	235	162	190	24	3	225	8	22	377	36	214.6	53.6

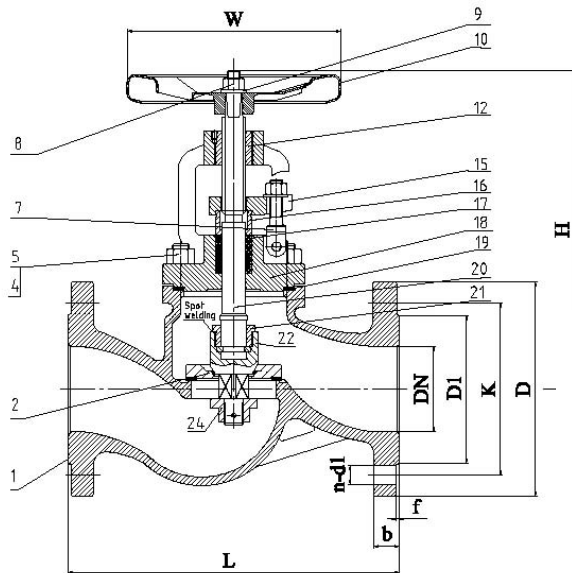
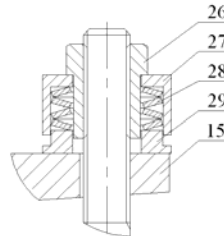


FIG.	Pressure	Material	Range
133.121	PN16	1.0619N	DN125-DN300
135.121	PN40	1.0619N	DN125-DN300
153.121	PN16	1.4408	DN125-DN300
155.121	PN40	1.4408	DN125-DN300



**Design acc. : EN 13709**  
**Face to face : EN558 G1**  
**Flange end : EN1092-1**  
**Test acc. : EN12266-1**  
**TA-luft Packing**  
**TA-Luft Gasket**  
**Temperature range :**  
 -29°C to +425°C (1.0619N )  
 -196°C to +600°C (1.4408 )

spring load system

**Material List**

NO.	Part	Material	
		FIG.133.121/135.121	FIG.153.121/155.121
1	Body	1.0619N+13Cr	1.4408
2	Disk	C25(forge)+13Cr	1.4401
4	Bolt	1.7225 (GC)	A4
5	Nut	1.1181 (YK)	A4
7	Bolt	35	1.4571
8	Nut	35	A2
9	Gasket	35	1.4408
10	Handwheel	C10E	C10E
12	Yoke nut	0.7040	0.7040
15	Gland	1.0619N	1.4408
16	Packing gland	1.4021	1.4401
17	Packing	TA-Luft Packing	TA-Luft Packing
18	Bonnet	1.0619N	1.4408
19	Gasket	TA-Luft Gasket	TA-Luft Gasket
20	Stem	1.4021	1.4571
21	Disc nut	1.4021	1.4401
22	Secondary disc	1.4021	1.4401
24	Nut	A2	A4
26	Nut	1.4006	1.4401
27	Cover	1.4006	1.4401
28	Spring	51CrV4	51CrV4
29	Gasket	1.4006	1.4401

**Dimension List**

PN	DN	L	D	D1	K	b	f	W	n	d1	H	Travel	Kv(m³/h)	Weight(KG)
16	125	400	250	188	210	22	3	225	8	18	448	48	313.5	67
	150	480	285	212	240	22	3	300	8	22	470	73	436.1	109
	200	600	340	268	295	24	3	400	12	22	570	76	776.7	183
	250	730	405	320	355	26	3	500	12	26	780	78	1214.9	337
	300	850	460	378	410	28	4	550	12	26	890	110	1747.2	471
	350	980	520	438	470	30	4	750	16	26	1010	-	-	660
40	125	400	270	188	220	26	3	225	8	26	448	48	313.5	69
	150	480	300	218	250	28	3	300	8	26	470	73	436.1	113
	200	600	375	285	320	34	3	400	12	30	570	76	1214.9	191
	250	730	450	345	385	38	3	400	12	33	625	78	1747.2	347
	300	850	515	410	450	42	4	-	16	33	-	110	-	485