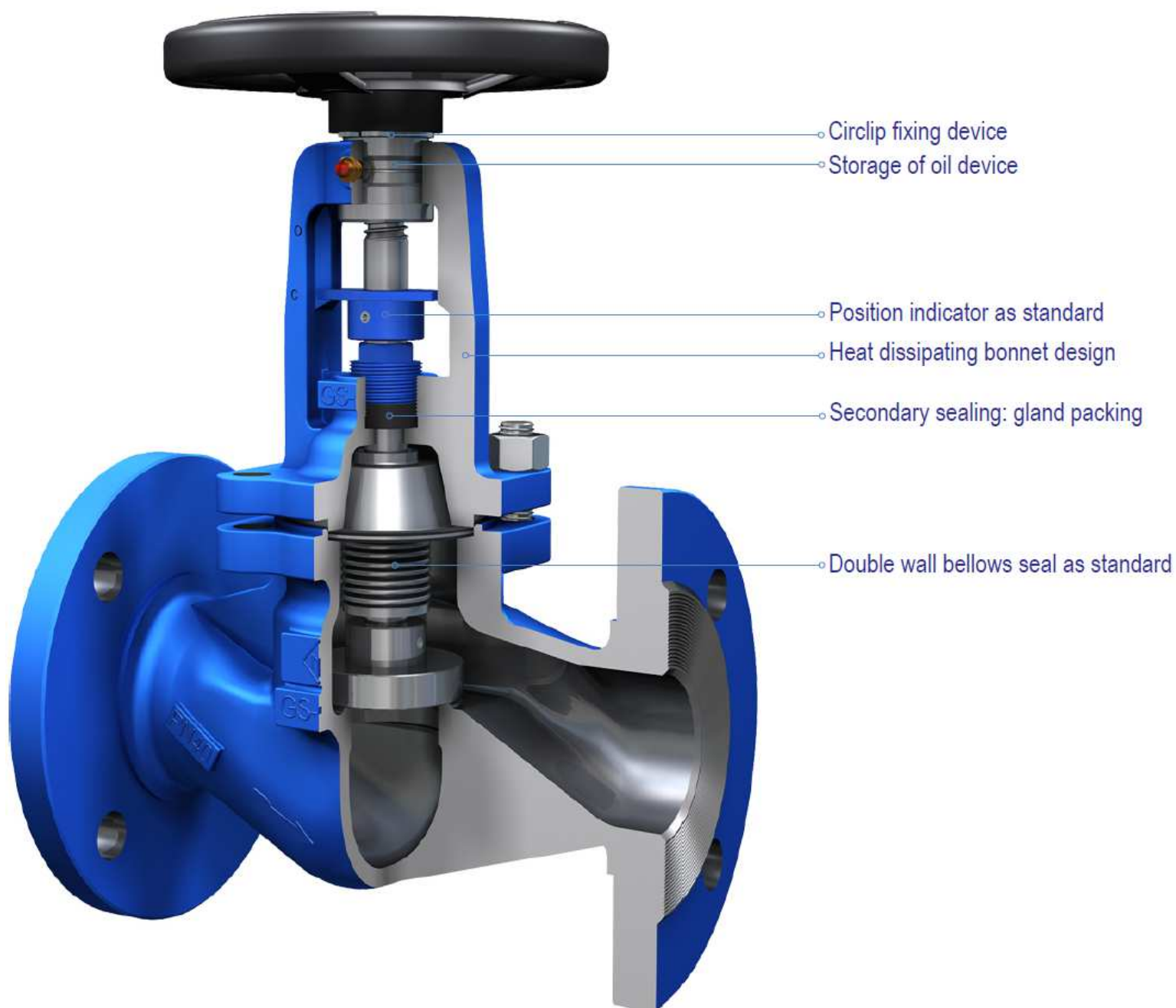


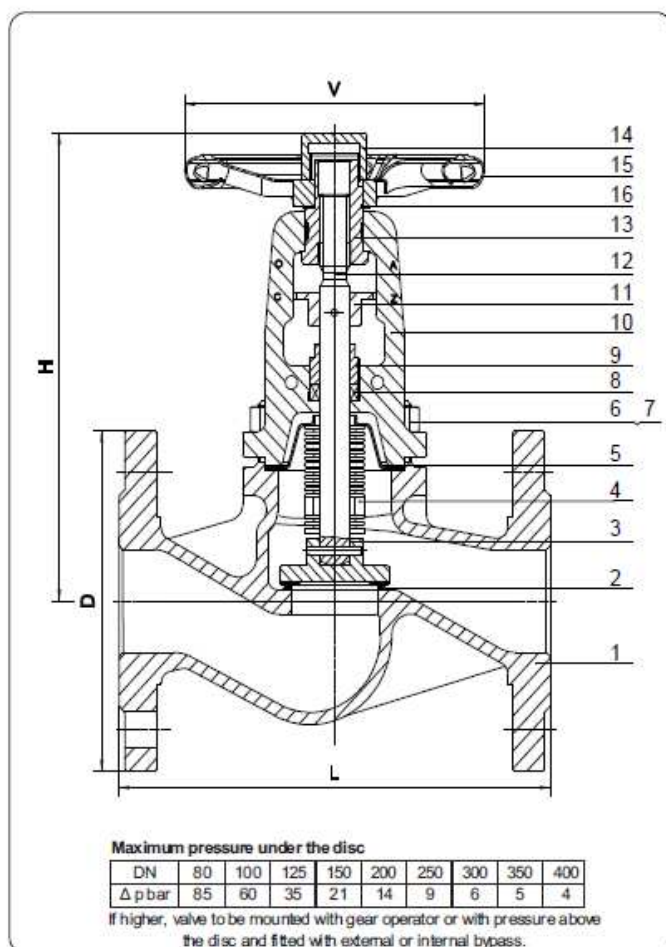
V25

V25 111 540.11 PN40 DN15-DN400 Globe valve bellow seal flange (PN16/25)



standard features

- **Description** BOLTED BONNET
OUTSIDE SCREW AND YOKE
RISING STEM
NON RISING HANDWHEEL
LOOSE DISC
- **Design** DIN 3356
- **Face to face** DIN 3202
- **Flanges** DIN 2501
DIN 2547
DIN 2526 FORM E
BW TO DIN 3239
- **Testing** DIN 3352 Part 1
DIN 3230 Part 3
- **Rating** DIN 2401
- **Marking** EN 19
CE - PED
- **Certificates** EN 10204 – 3.1 B



PART NAME		MATERIAL	
1	Body	1.0619	1.4581
2	Seat surface	X20Cr13(1) overlay	1.4581 (1) overlay
3	Disc seat surface	X20Cr13(2) overlay	1.4581 (2) overlay
4	Bellows	SS304/SS321/SS316L	SS321/SS316L
5	Gasket	S. S. reinforced graphite(4)	S. S. reinforced graphite(4)
6	Nuts	C35	A2-70
7	Bolts	CK35	A2-70
8	Packing	Graphite rings & wiper rings (4)	Graphite rings & wiper rings
9	Gland	1.0460	X5CrNiMo17-12-2 (2)
10	Bonnet	1.0619	1.4581
11	No rot.Device	X20Cr13	S.S
12	Stem	X20Cr13(2)	X5CrNiMo17-12-2 (2)
13	Yoke Nut	GGG40(3)	Cu-Alloy
14	Lock Nut	C.S	C.S
15	Handwheel	Steel	Steel
16	Circlip	65Mn	65Mn

- (1) On request: faced with Stellite® - Monel® - Hastelloy® - other materials
 (2) On request: 17 Cr - Monel® - Hastelloy® - other materials
 (3) On request: GGG50
 (4) On request: PTFE - other materials

V25

V25 111 540.11 PN40 DN15-DN400 Globe valve bellow seal flange (PN16/25)

V25 111 516.11 BELLOWS SEAL STOP VALVES DIN PN16 - Face to Face F1

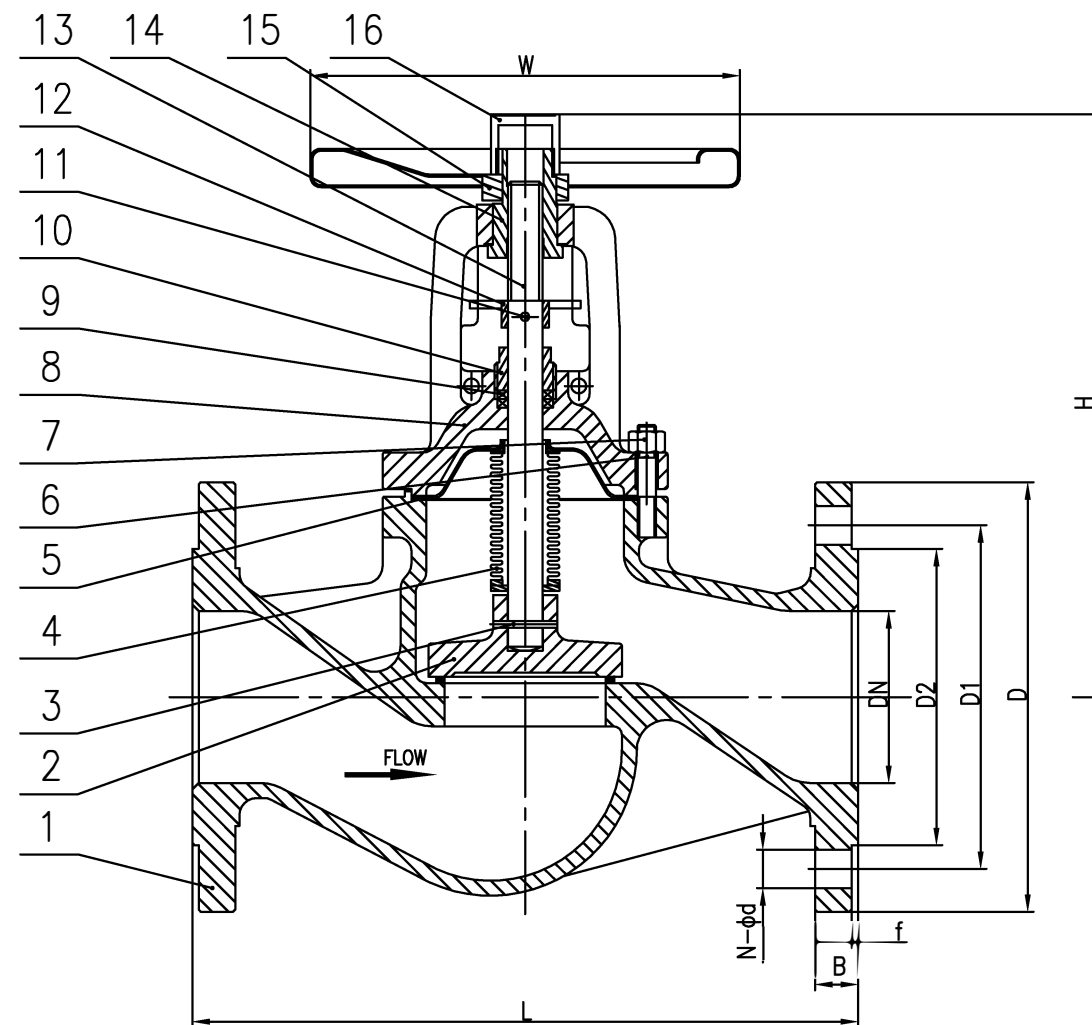
SIZE DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L RF	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
D	95	105	115	140	150	165	185	200	220	250	285	340	405	460	520	580
V	120	140	140	140	160	160	180	200	250	250	350	450	500	500	600	600
H	196	196	205	205	222	224	240	265	350	380	410	550	715	790	950	1030
STROKE	8	8	10	10	15	16	18	22	28	34	40	60	75	85	100	115

V25 111 525.11 BELLOWS SEAL STOP VALVES DIN PN25 - Face to Face F1

SIZE DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L RF/BW	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
D	95	105	115	140	150	165	185	200	235	270	300	360	425	485	555	620
V	140	140	160	160	180	180	200	250	300	350	400	500	500	500	600	600
H	196	196	205	205	222	224	240	265	350	380	410	550	715	790	950	1030
STROKE	8	8	10	10	15	16	18	22	28	34	40	60	75	85	100	115

V25 111 540.11 BELLOWS SEAL STOP VALVES DIN PN40 - Face to Face F1

SIZE DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L RF/BW	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
D	95	105	115	140	150	165	185	200	235	270	300	375	450	515	580	660
V	140	140	160	160	180	180	200	250	300	350	400	500	500	500	600	600
H	196	196	205	205	222	224	240	265	350	380	410	550	715	790	950	1030
STROKE	8	8	10	10	15	16	18	22	28	34	40	60	75	85	100	115



PN40 Main Dimensions (mm)									
DN	L	D	D1	D2	B	f	N-φd	H	φW
15	130	95	65	45	16	2	4X14	200	120
20	150	105	75	58	18	2	4X14	202	140
25	160	115	85	68	18	2	4X14	205	140
32	180	140	100	78	18	2	4X18	208	140
40	200	150	110	88	18	3	4X18	230	160
50	230	165	125	102	20	3	4X18	235	160
65	290	185	145	122	22	3	8X18	245	180
80	310	200	160	138	24	3	8X18	267	200
100	350	235	190	162	24	3	8X22	350	250
125	400	270	220	188	26	3	8X26	380	250
150	480	300	250	218	28	3	8X26	410	350

TECHNICAL REQUIREMENT

- 1.DESIGN&MANUFACTURE CONFORMS TO EN13709;
- 2.THE MINIMUM THICKNESS COMPLIES OF EN12516-1;
- 3.FACE TO FACE COMFORMS TO EN558-1 GR.1;
- 4.FLANGE CONFORMS TO EN1092-1/B1;
- 5.TEST CONFORMS TO EN12266-1.
- 6.BELLOWS CONFORMS MSS-SP117.

Performance Data

Class / PN	PN40
Size / DN	DN15-150
Shell test	6.0MPa
Seal test	4.4MPa
Backseat test	-
Air test	0.6MPa
Temperature	-20~350°C
Medium	W.O.G

10	Gland	Carbon Steel			
9	Packing	Graphite			
8	Bonnet	1.0619			
7	Nut	A194 2H			
6	Bolt	A193 B7	16	Nut	Carbon Steel
5	Gasket	SS304+Graphite	15	Handwheel	Press-Steel
4	Bellows	SS304	14	Stem Nut	GGG40.3
3	Pin	1.4021	13	Stem	1.4021
2	Disc	1.0460+13Cr	12	Guide Piece	Carbon Steel
1	Body (+Seat)	1.0619+13Cr	11	Pin	Carbon Steel

No.	Name	Material	No.	Name	Material
Company Name potrubní			Product Name		
APD Armatury a potrubní díly, s.r.o.			EN/DIN Bellows Sealed Globe Valve		
Drawn	23/08/2019	Gen Tol ±0.4	Scale	V25 111 540.11	
Appr	23/08/2019	Sheet		PN40 DN15-DN150	