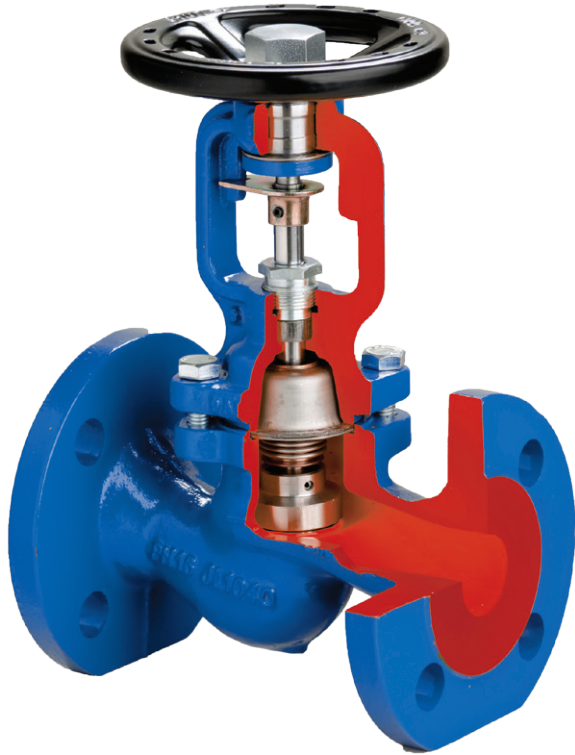




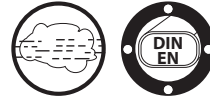
BELLOW SEALED STOP VALVE



BELLOW SEALED STOP VALVE



Scan this QR Code



Type	Body material	Nominal pressure	Nominal diameter	Max temp.
1	gray cast iron	16 bar	DN 15-250	300 °C
2	nodular cast iron	16 bar 25 bar	DN 15-250	350 °C
3	cast steel	40 bar	DN 15-250	400 °C

* Given values are for nominal and max. conditions

* For detailed consideration, please see the diagrams given in page 7.

FEATURES

- High tightness (Leakproofness class - A acc. EN - 12266 - 1)
- Compact settlement
- Environment - friendly
- Tests acc. EN - 12266 - 1
- Flanges drilled according to EN 1092 - 2 for gray & nodular cast iron body
- Flanges drilled according to EN 1092 - 1 for cast steel body
- Face-to-face dimension according to EN 558 - 1

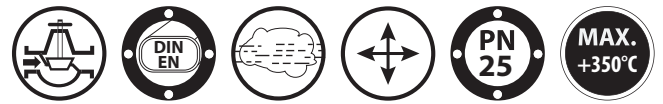
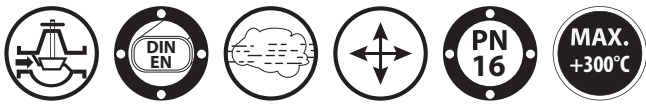
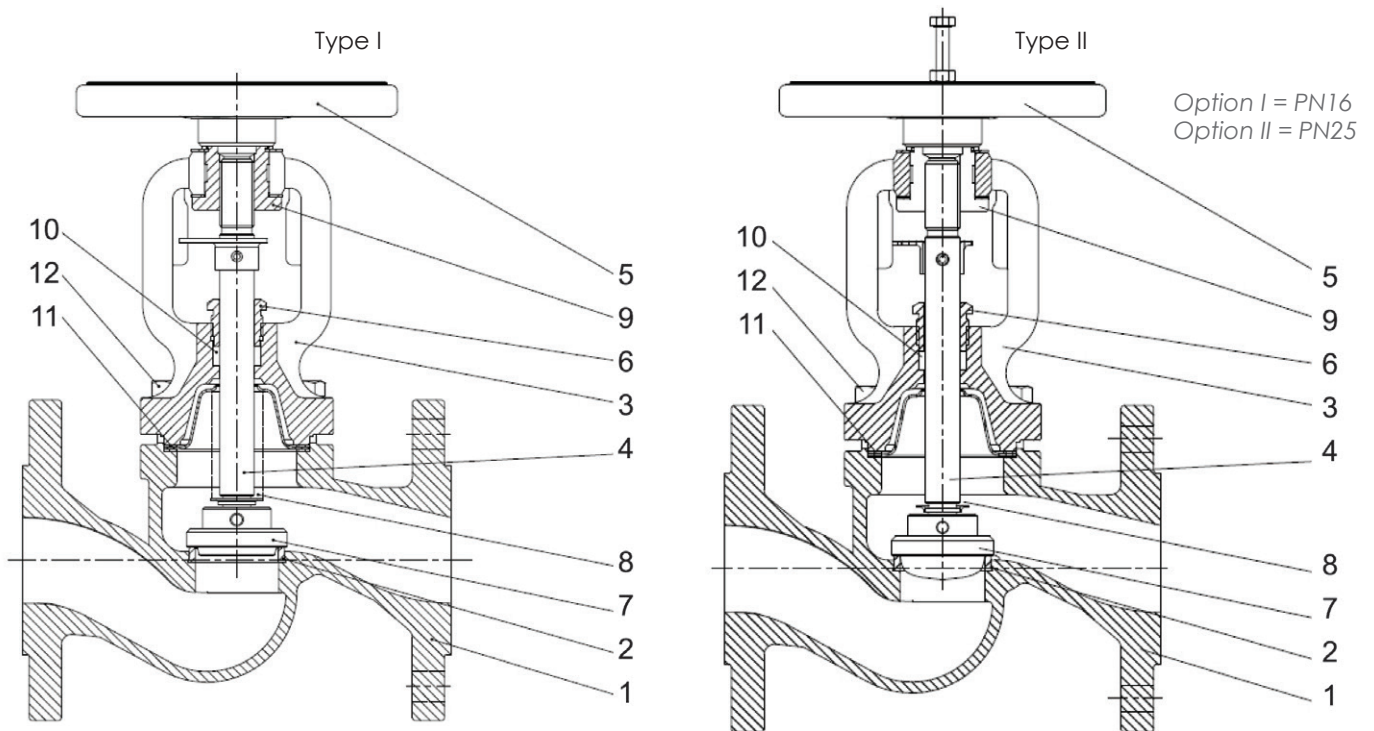
APPLICATION

- Industry
- Shipbuilding industry
- Heating
- Refrigeration and air conditioning
- Glycol
- Industrial water
- Diathermic oil
- Steam
- Compressed air
- Neutral fluids

* Subject to technical alterations and deviations resulting from the production process without giving any notification.

* All applications are not suitable for all body options.

Product Design & Material Selection

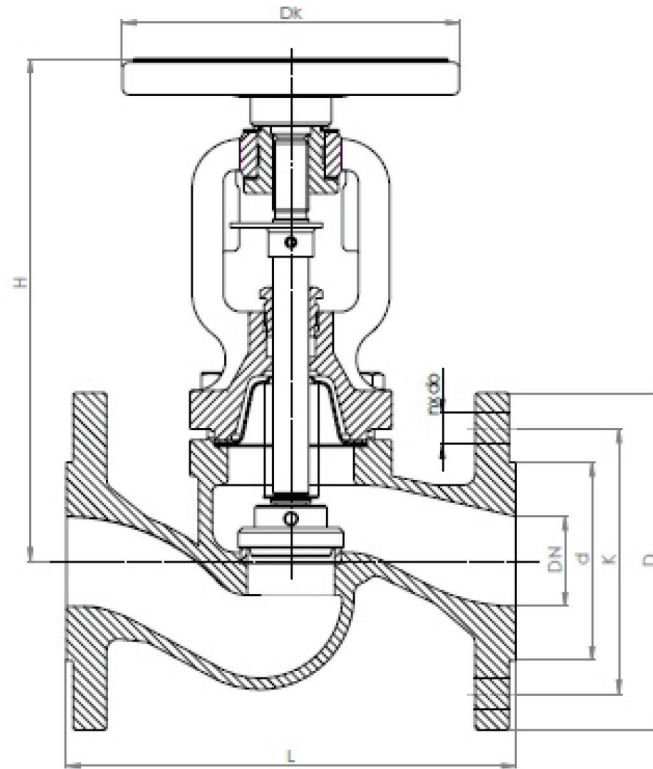


Gray Cast Iron		
No	Part	Material
1	Body	EN - GJL - 250 5.1301 (ex. JI1040)
2	Seat ring	X12Cr13 1.4006
3	Bonnet	EN - GJS400 - 18 - LT 5.3103 (ex.JS1025)
4	Stem	X20Cr13 1.4021
5	Hand-wheel	Steel
6	Gland	11SMnPb30
7	Disc	X20Cr13 1.4021
8	Bellow	X6CrNiMoTi-17-12-2
9	Sleeve	11SMnPb30
10	Gland packing	Graphite
11	Bonnet gasket	Graphite+CrNiSt
12	Hexagon bolt	8,8

Nodular Cast Iron		
No	Part	Material
1	Body	EN - GJS400 - 18 - LT 5.3103(ex.JS1025)
2	Seat ring	X12Cr13 1.4006
3	Bonnet	EN - GJS400 - 18 - LT 5.3103 (ex.JS1025)
4	Stem	X20Cr13 1.4021
5	Hand-wheel	Steel
6	Gland	11SMnPb30
7	Disc	X20Cr13 1.4021
8	Bellow	X6CrNiMoTi-17-12-2
9	Sleeve	11SMnPb30
10	Gland packing	Graphite
11	Bonnet gasket	Graphite+CrNiSt
12	Hexagon bolt	A2-70

* Subject to technical alterations and deviations resulting from the production process without giving any notification.
 * All applications are not suitable for all body options.

Dimensions



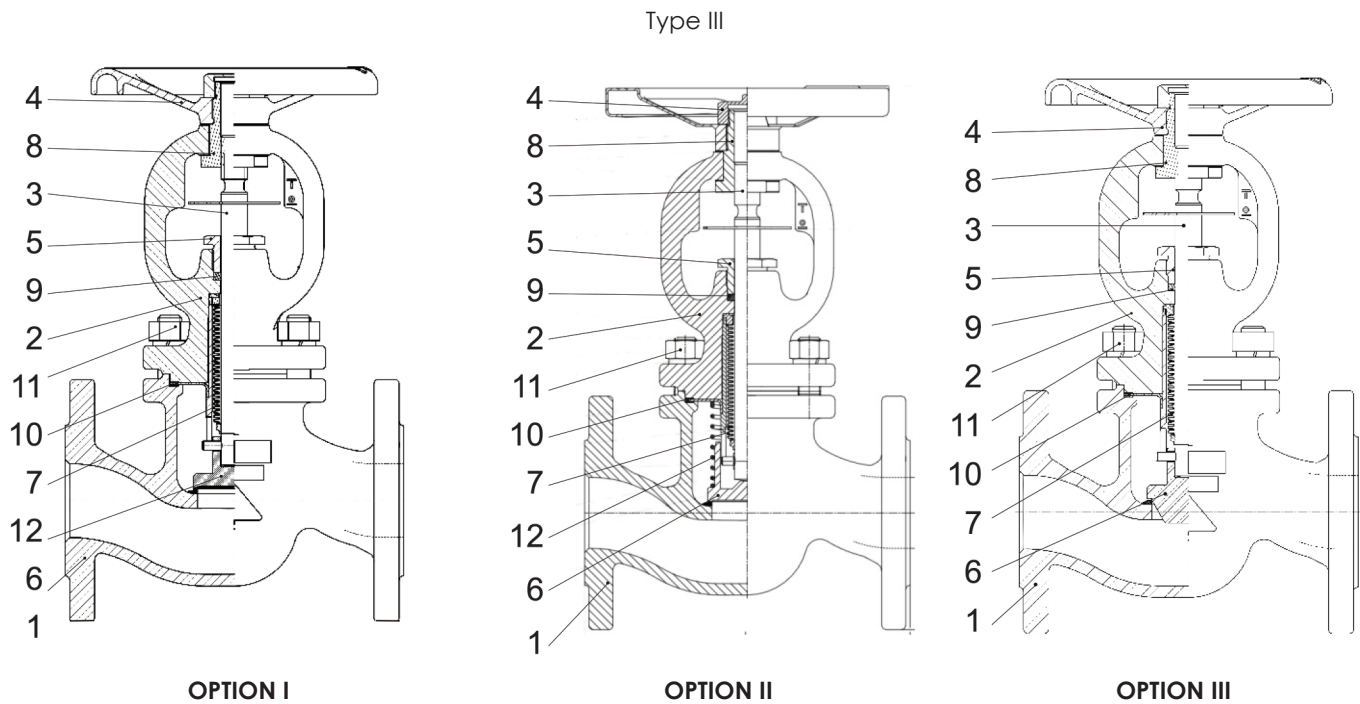
DN	PN 16									
	D	d	K	n x do mm	Dk	h	L	H	Kvs m ³ /h	Weight kg
15	95	46	65	4x14	125	5	130	178	5,9	3,2
20	105	56	75	4x14	125	5	150	178	7,4	3,9
25	115	65	85	4x14	125	7	160	193	13	4,85
32	140	76	100	4x19	125	8	180	201	18	6,5
40	150	84	110	4x19	150	10	200	224	30	9
50	165	99	125	4x19	150	13	230	228	41	11
65	185	118	145	4x19	175	17	290	270	79	15,8
80	200	132	160	8x19	200	20	310	295	115	24,3
100	220	156	180	8x19	250	25	350	325	181	35
125	250	184	210	8x19	300	32	400	380	225	49
150	285	211	240	8x23	400	38	480	427	364	76
200	340	266	295	12x23	500	50	600	569	725	130,5
250	405	319	355	12x28	500	63	730	645	-	210

DN	PN 25									
	D	d	K	n x do mm	Dk	h	L	H	Kvs m ³ /h	Weight kg
15	95	46	65	4x14	125	5	130	178	3,4	3,2
20	105	56	75	4x14	125	5	150	178	6,3	3,9
25	115	65	85	4x14	125	7	160	193	9,4	5
32	140	76	100	4x19	125	8	180	201	16	6,7
40	150	84	110	4x19	150	10	200	224	26	9,3
50	165	99	125	4x19	150	13	230	228	40	11,5
65	185	118	145	8x19	175	17	290	270	70	16,3
80	200	132	160	8x19	200	20	310	295	106	21,4
100	235	156	190	8x23	250	25	350	325	170	36
125	270	184	220	8x28	300	32	400	380	245	51,5
150	300	211	250	8x28	400	38	480	427	360	78
200	360	274	310	12x28	500	50	600	569	-	130,5
250	-	-	-	-	500	63	730	645	-	-

* Subject to technical alterations and deviations resulting from the production process without giving any notification.

* All applications are not suitable for all body options.

Product Design & Material Selection



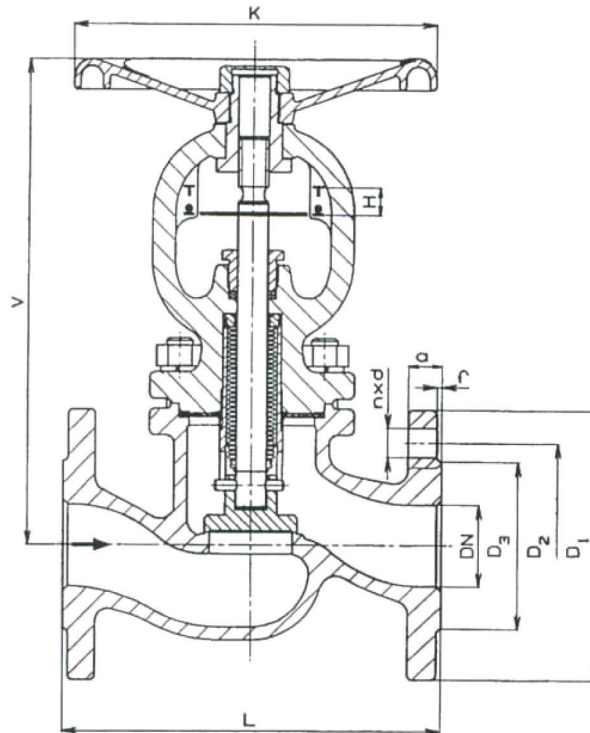
	Part	Material		
		OPTION I	OPTION II	OPTION III
1	Body	GP240GH	GP240GH	GP240GH
2	Bonnet	GP240GH	GP240GH	GP240GH
3	Stem	X8CrNiS 18-9 14.305	X8CrNiS 18-9 14.305	X8CrNiS 18-9 14.305
4	Hand-wheel	Steel	Steel	Steel
5	Gland	11SMnPb30	11SMnPb30	11SMnPb30
6	Disc	Stop disc X20Cr13 1.4021	Stop disc and seat with stellite surface	SDNR valve
7	Bellows	X6CrNiTi-18-10	X6CrNiTi-18-10	X6CrNiTi-18-10
8	Sleeve	11SMnPb30	11SMnPb30	11SMnPb30
9	Gland packing	Graphite	Graphite	Graphite
10	Bonnet gasket	Graphite+CrNiSt	Graphite+CrNiSt	Graphite+CrNiSt
11	Bolt and nut	A2-70	A2-70	A2-70
12	Spring	14.310	14.310	14.310
	Max temperature	400 °C	400 °C	400 °C

* Subject to technical alterations and deviations resulting from the production process without giving any notification.
 * All applications are not suitable for all body options.

Dimensions

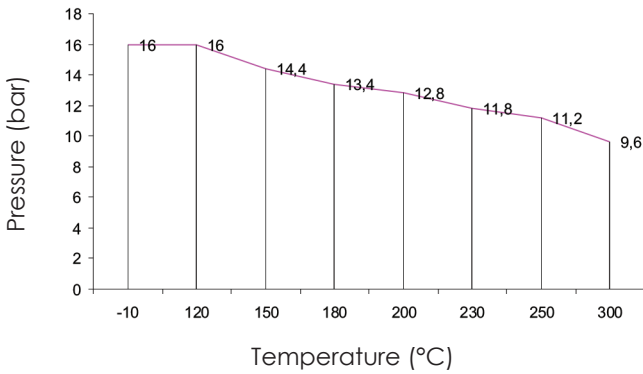
Type III

Option I, II, III



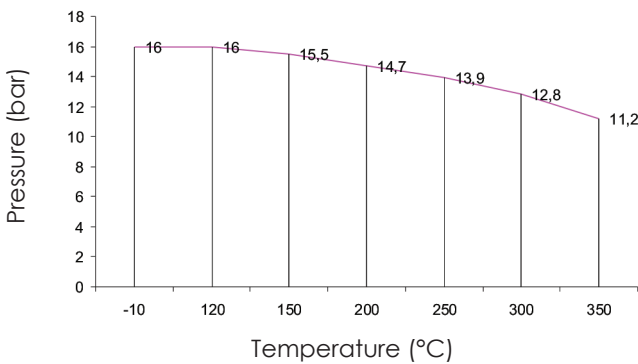
DN	PN 40										
	D1	D3	D2	nxd	K	H	L	V	α	Kvs m ³	Weight
15	95	45	65	4x14	125	6	130	189	16	4,3	4,3
20	105	58	75	4x14	125	6	150	189	18	7,0	5,1
25	115	68	85	4x14	125	6	160	189	18	11,0	5,8
32	140	78	100	4x18	150	10	180	220	18	17,5	9,5
40	150	88	110	4x18	150	10	200	220	18	27,0	9,8
50	165	102	125	4x18	200	16,5	230	295	20	47,0	17,5
65	185	122	145	8x18	200	16,5	290	295	22	68,0	20,5
80	200	138	160	8x18	300	25	310	368	24	116	34,0
100	235	162	190	8x22	300	25	350	368	24	162	44,0
125	270	188	220	8x26	400	40	400	523	26	250	77,0
150	300	218	250	8x26	400	40	480	523	28	364	110

PRESSURE-TEMPERATURE RATINGS



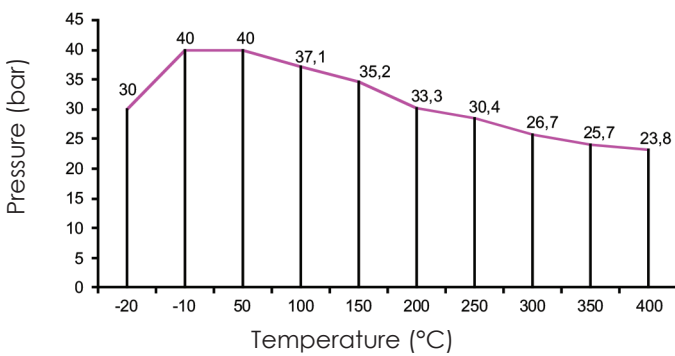
Type I

Allowed working conditions range
Body material: EN-GJL-250



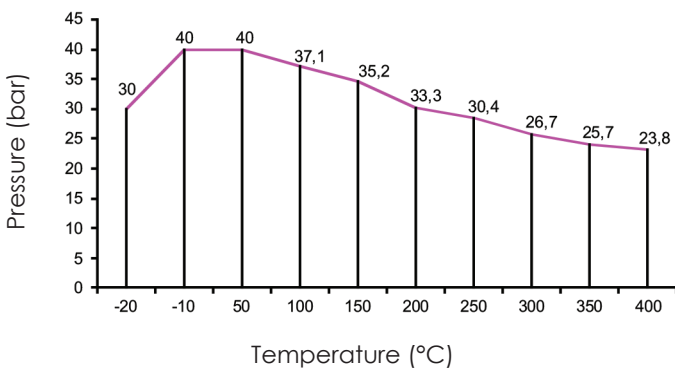
Type II, Option I

Allowed working conditions range
Body material: EN-GJS-400-18-LT



Type II, Option II

Allowed working conditions range
Body material: EN-GJS-400-18-LT



Type III, Option I/II/III

Allowed working conditions range
Body material: EN-GP24GH 1.0619



Allowable pressure difference which can be observed on both sides of the closing element refers for valves in Type III.

PN	Allowable pressure difference (bar)		
	DN10-100	DN125	DN150
PN40	40	33	21



HEAD OFFICE - FACTORY

Atatürk Sanayi Bölgesi Hadımköy Mahallesi Mustafa İnan Caddesi No: 44 Arnavutköy - İSTANBUL
Tel: +90 212 771 01 45 (pbx) | Fax: +90 212 771 25 60

Caserta/Italy

Tel: +39 0823 187 3988
rmolaro@ayvaz.com

Moscow/Russia

Tel: +74959951728
ayvazrus@ayvaz.com

Viernheim/Germany

Tel: +49 62046014399
germany@ayvaz.com

Kiev/Ukraine

Tel: +380 44 390 57 57
info@ayvaz.com.ua

Sao Paulo/Brazil

Tel: +551 194 500 4123
brazil@ayvaz.com

Dubai /U.A.E

Tel: +971 48808671
+971 501306871
mideast@ayvaz.com