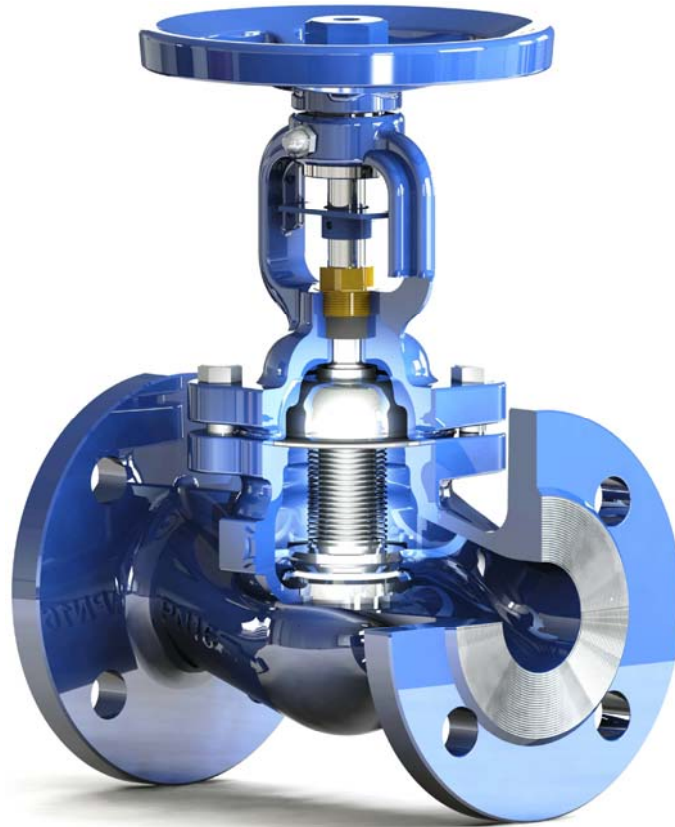




PN16 PN25 球狀石墨鑄鐵伸縮囊密封型球型閥  
 PN16 PN25 Nodular Cast Iron Bellows Sealed Globe Valve

**FIG F38D/FD38D**



**Selection of possible applications:**

- Industry
  - Powerstations
  - Flue gas purification plant
  - Processing technology
  - Gas supply
  - Vapour facilities
  - Thermal oil applications
  - Recycling facilities
  - Vacuum facilities
  - Ammonia
  - Hot water
  - Heating technology
  - District heating
  - Cooling and freezing systems
  - General plant manufacturing
  - Steam systems
- other applications on request -

**Design Description:**

- Globe valve in straight way type
- Bolted bonnet
- Outside screw and yoke
- Antirotation device and mechanical position indicator
- Rising stem and non-rising handwheel
- Disc with conical metallic sealing surface
- Metal back seat
- Lubricating Nipple as Standard
- Secondary Sealing : gland packing
- Stem sealed with bellows tested for 5,000 full open/closed operations at 20°C
- Face to face dimensions acc.to DIN EN558-1/1 (ISO 5752/1)
- Flanges acc.to DIN EN 1092-2 type 21
- Test pressure acc.to DIN 3230 (ISO 5208)
- Maintenance free
- Free from asbestos,PCB and CFC

**Materials:**

**Body:**

Nodular cast iron EN-GJS-400-18-LT,JS 1025

**Working pressures:**

Nominal pressure PN	Material	Body pressure test in bar with water Body *	Seat leakage test in bar with water Seat **	Pressure Temperature table				
				-10up to+120°C	200	250	300	350
16	Nodular cast iron EN-GJS-400-18-LT	24	16	16	14,7	13,9	12,8	11,2
25	Nodular cast iron EN-GJS-400-18-LT	37,5	25	25	23	21,8	20	17,5

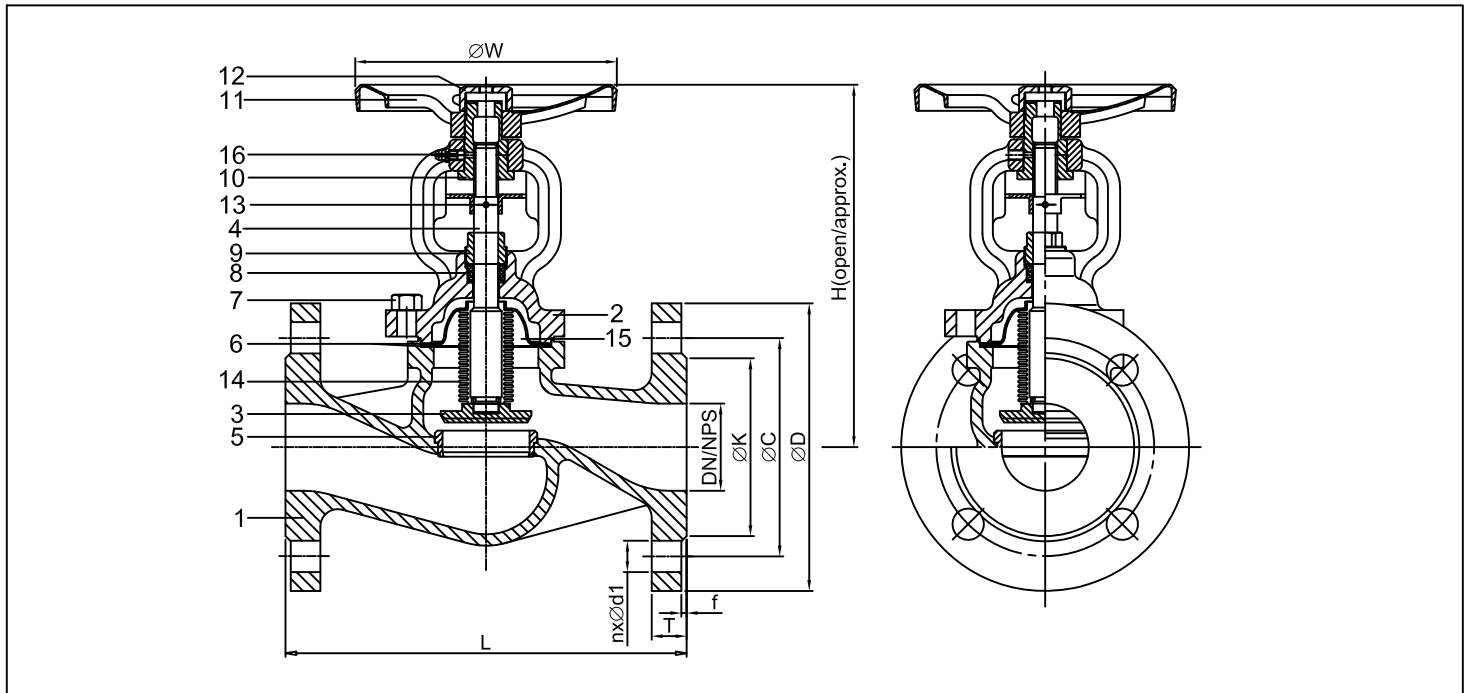
\* DIN 3230 - BQ (ISO 5208)

\*\* DIN 3230 BN/leak rate 1 (ISO 5208/rate A)



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FIG F38D/FD38D



Valve Parts List:

Item	Part name	Material	Remarks
1	Body	EN-GJS-400-18-LT JS1025	
2	Bonnet	EN-GJS-400-18-LT JS1025	
3	Disc*	X 10 Cr13	HF on request
4	Stem	X 10 Cr13	
5	Body Seat	X 10 Cr13	HF on request
6	Gasket	Graphite	
7	Bonnet Bolts	Steel	
8	Gland Packing	Pure graphite	
9	Gland	Brass	
10	Stem nut	Brass	
11	Handwheel	EN-GJS-400-18-LT JS1025	
12	Handwheel nut	EN-GJS-400-18-LT JS1025	
13	Position indicator	Steel	
14	Bellows	X 5 CrNi 18 10	
15	Bellows Flange	X 5 CrNi 18 10	
16	Lubricating Nipple	X 5 CrNi 18 10	

\* Soft disc inserts available for gas or vacuum service

Please note:

In accordance with the material designations in force, the designations GG-25 and GGG-40,3 are superseded. For GG-25 the new material number is JL 1014, the name of the material is EN-GJL-250. For GGG-40,3 the new material number is JS 1025, the name of the material is EN-GJS-400-18-LT.

Dimensions Table:

Unit : mm

SIZE		H	ØW	L	PN16							PN25							Kvs vaule
DN	NPS				ØD	ØC	ØK	nxØd1	T	f	ØD	ØC	ØK	nxØd1	T	f			
15	1/2"	158	125	130	95	65	45	4x14	14	2	95	65	45	4x14	14	2	4		
20	3/4"	158	125	150	105	75	58	4x14	16	2	105	75	58	4x14	16	2	7		
25	1"	158	125	160	115	85	68	4x14	16	2	115	85	68	4x14	16	2	12		
32	1-1/4"	210	150	200	140	100	78	4x18	18	2	140	100	78	4x18	18	2	12		
40	1-1/2"	210	150	200	150	110	88	4x18	19	3	150	110	88	4x18	19	3	30		
50	2"	210	150	230	165	125	102	4x18	19	3	165	125	102	4x18	19	3	47		
65	2-1/2"	266	175	290	185	145	122	4x18	19	3	185	145	122	8x18	19	3	77		
80	3"	266	175	310	200	160	138	8x18	19	3	200	160	138	8x18	19	3	120		
100	4"	350	300	350	220	180	158	8x18	19	3	235	190	158	8x22	19	3	180		
125	5"	358	300	400	250	210	188	8x18	19	3	270	220	188	8x26	19	3	260		
150	6"	395	300	480	285	240	212	8x22	19	3	300	250	212	8x26	20	3	380		
200	8"	530	400	600	340	295	268	12x22	20	3	-	-	-	-	-	-	725		