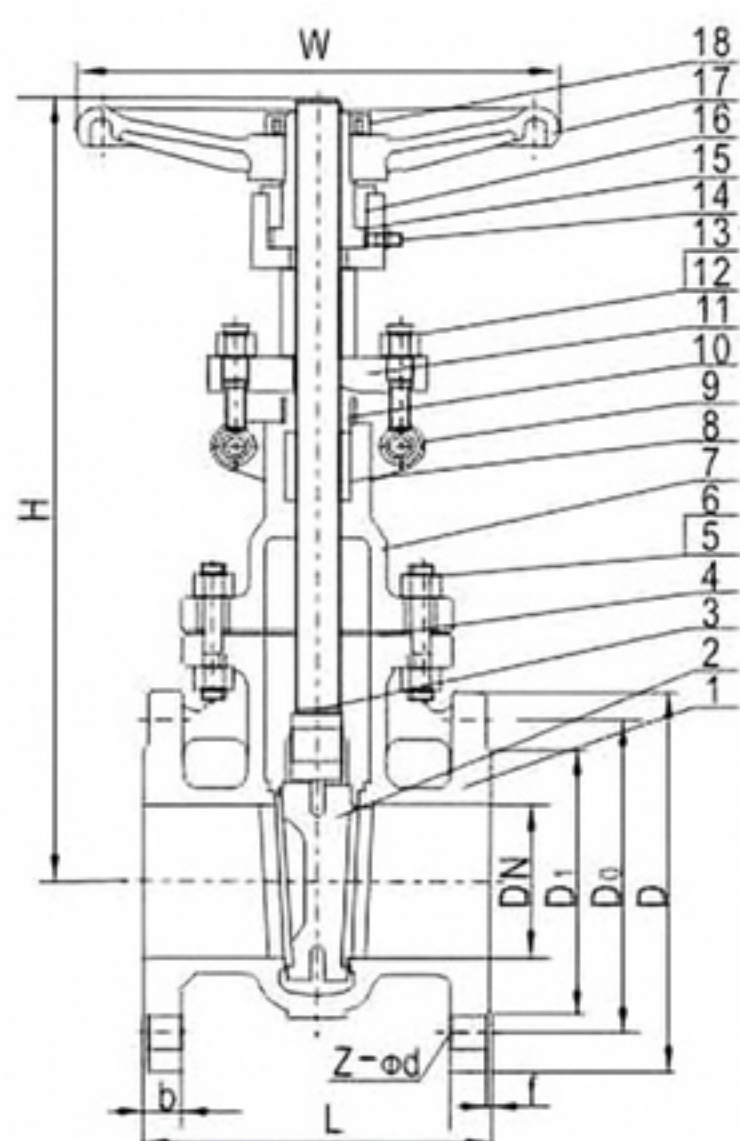




Series AZF4/F5 Gate Valve

1. The DIN AZF4 gate valve has the characteristics of compact structure, reasonable design, good valve rigidity, smoothly passage and small flow resistance coefficient.
2. The sealing surface is made of stainless steel and hard alloy, which is suitable for long service life.
3. The using of flexible graphite packing will bring high seal performance.
4. The driving methods are: electric, pneumatic, gear rotating, and structural forms are: elastic wedge single gate, rigid wedge single gate and double gate.
5. The DIN AZF4 gate valve is widely used in chemical, firepower, power plants, other oil industries and water vapor pipelines and so on.



Specifications

Product model:	Z45X, Z45T
Connection method:	flange connection
Pressure rating:	1.0MPa~ 16.0MPa
Product specifications:	DN40 ~ 800mm
Product material:	ductile iron; gray iron
Applicable temperature:	≤425 °C
Applicable medium:	water, oil, natural gas, etc.
Drive mode:	electric, pneumatic, gear, etc.
Design standard:	DIN3352
Structure length:	DIN3202-F4.F5, F7 series

Performance Specification

Nominal pressure (MPa)	Shell experimental pressure (MPa)	Seal test pressure (MPa)	Applicable temperature (°C)	Using media
1.6	2.4	1.76	-29~425°C	Water, steam, oil, etc.
2.5	3.75	2.75		
4.0	6.0	4.4		
6.4	9.6	7.04		

Details

1.Body	Ductile iron, Gray iron	7.Bonnet	Ductile iron, Gray iron	13.Nut	A1942H,A194-8
2.Disc	Data of Measurement	8.Packing	Flexible Graphite	14.Oil Cup	Brass
3.Stem	13Cr,F304,F316	9.Pin	C.S SS304 SS316	15.Stem Nut	Bronze,304,316
4.Gasket	Flexible Graphite+304	10.Gland	Ductile iron, Gray iron	16.Bearing Cap	A105,F304,F316
5.Bolt	A193-B7,A193-B8	11.Gland Cover	1.1191	17.Handwheel	Ductile iron, Gray iron
6.Nut	A1942H,A194-8	12.Key Bolt	A193-B7,A193-B8	18.Look Nut	25#,SS304 SS316

Outling and Connect Measurement

Nominal DN(mm)	Measurement(mm)							
	L	D	D ₁	D ₂	b-f	z-Φd	H	Do
40	165	145	110	85	18-3	4-Φ18	240	140
50	178	160	125	100	20-3	4-Φ18	295	160
65	190	180	145	120	20-3	4-Φ18	320	160
80	203	195	160	135	22-3	4-Φ18	350	200
100	190	220	180	155	22-3	8-Φ18	390	200
125	254	245	210	185	24-3	8-Φ18	440	240
150	280	280	240	210	24-3	8-Φ23	490	240
200	330	335	295	265	26-3	8-Φ23	620	320
250	380	390	350	320	28-3	12-Φ23	735	320
300	420	440	400	368	28-4	12-Φ23	840	400
350	450	500	460	428	30-4	16-Φ23	955	400
400	480	565	515	482	32-4	16-Φ25	1100	500
450	510	615	565	532	32-4	20-Φ25	1175	500
500	540	670	620	585	34-4	20-Φ25	1440	500
600	600	780	725	685	36-5	20-Φ30	1585	500
700	660	895	840	800	40-5	24-Φ30	1717	900
800	720	1010	905	905	44-5	24-Φ34	1877	900

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