

Class : 300LB
Design acc. : API 600 .
Face to face : ANSI B16.10 .
Flange ends : ANSI B16.5 .
Pressure text : API 598 .
Body : WCB / CF8

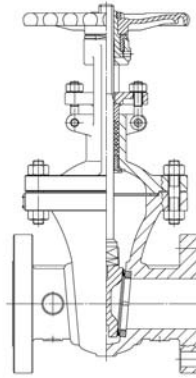


FIG : 041

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FIG : 041

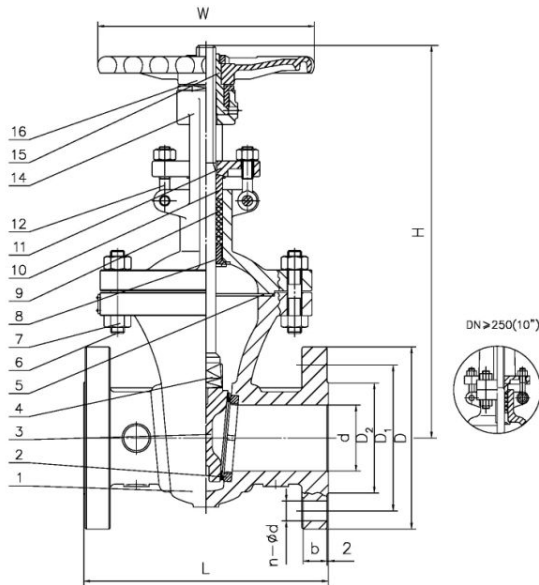


FIG.	Class	Material	Range
132.041	300	WCB	2"-16"
152.041	300	CF8	2"-16"

Design acc. : API 600 .
Face to face : ANSI B16.10 .
Flange ends : ANSI B16.5 .
Pressure text : API 598 .

Material list

NO.	Part	Material	
		FIG. 132.041	FIG.152.041
1	Body	ASTM A216 WCB	ASTM A351 CF8
2	Seat ring	ASTM A105+13Cr	A182 F304+STL
3	Wedge	A216 WCB+13Cr	A351 CF8+STL
4	Stem	ASTM A182 F6a	ASTM A182 F304
5	Gasket	SS304+Graphite	SS304+Graphite
6	Bolt	ASTM A193 B7	ASTM A193 B8
7	Nut	ASTM A194 2H	ASTM A194 8
8	Back seat bushing	ASTM A276 410	ASTM A276 304
9	Packing	Graphite	Graphite
10	Gland	ASTM A276 410	ASTM A276 304
11	Gland flange	ASTM A216 WCB	ASTM A351 CF8
12	Eyebolt	ASTM A193 B7	ASTM A193 B8
14	Bonnet	ASTM A216 WCB	ASTM A351 CF8
15	Stem nut	ZCuAl10Fe3	ZCuAl10Fe3
16	Handwheel	Ductile iron	Ductile iron

Dimension List

Class	Size	d	D	D1	D2	b	n-	L	H	W
300LB	2"	51	165	127	92	20.7	8-19	216	470	200
	2 1/2"	64	190	149.2	105	23.9	8-22	241	525	200
	3"	76	210	168.3	127	27	8-22	282	533	50
	4"	102	255	200	157	30.2	8-22	305	610	300
	6"	152	320	269.9	216	35	12-22	403	845	350
	8"	203	380	330.2	270	39.7	12-25	419	1050	350
	10"	254	445	387.4	324	46.1	16-29	457	1295	400
	12"	305	520	450.8	381	49.3	16-32	502	1600	450
	14"	337	585	514.4	413	52.4	20-32	762	1830	500
16"	387	650	571.5	470	55.6	20-35	838	2035	600	