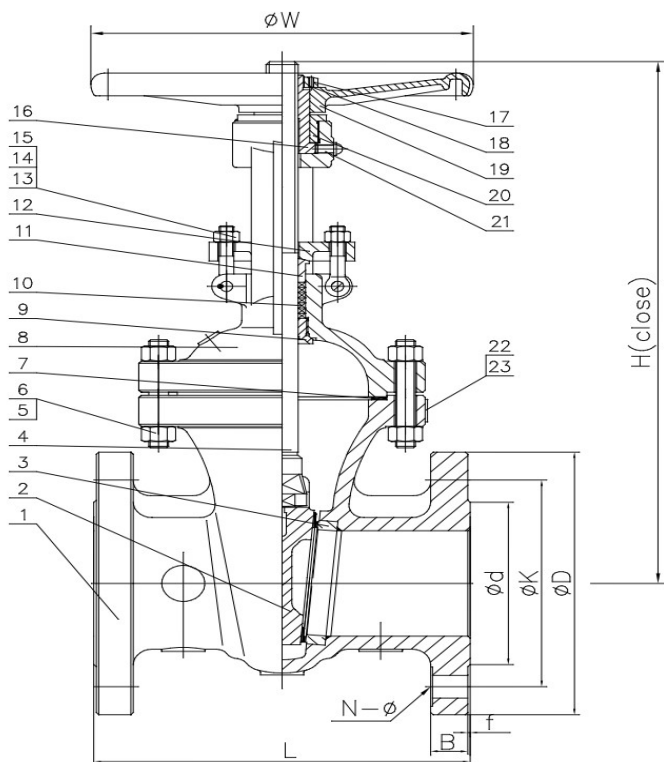


CAST GATE VALVE

Class 300 LBS



Basic design features

Design	API 600 / ASME B16.34
Face to face	ASME B16.10
Flanges	ASME B16.5
Testing	API 598
Bore	FULL
Bonnet	BOLTED
Marking	CE - PED
Certificates	EN 10204 - 3.1 / 3.2
Rating	300 LBS

Test Pressure to API 598

Class	300 LBS
Shell (Water)	77 bar
Seat (Water)	57 bar
Seat (Air)	6.0 bar

BILL OF MATERIALS STANDARD ACCORDING TO ASTM

	PART NAME	WCB	LCB	CF8M
1	BODY	ASTM 216 WCB	ASTM A 352 LCB	ASTM A 351 CF8M
2	WEDGE	ASTM A 216 WCB	ASTM A 352 LCB+STL	ASTM A 351 CF8M
3	SEAT	ASTM A 105	INT+STL	INTEGRAL
4	STEM	ASTM A 182 F6a	ASTM A182 F316	ASTM A 182 F316
5	BOLT	ASTM A193-B7M	ASTM A193 L7M	ASTM A 193-B8
6	HEX NUT	ASTM A 194-2HM	ASTM A194-7M	ASTM A194-8
7	GASKET	304+GRAPHITE	304+GRAPHITE	316+GRAPHITE
8	BONNET	ASTM A 216 WCB	ASTM A 352 LCB	ASTM A 351 CF8M
9	BACKSEAT	ASTM A 276-410	ASTM A276-410	INTEGRAL
10	PACKING	GRAPHITE	GRAPHITE	GRAPHITE
11	PACKING GLAND	ASTM A 276-410	ASTM A 276-410	ASTM A 276-316
12	GLAND FLANGE	ASTM A 105	ASTM A 105	ASTM 316
13	EYE-BOLT	ASTM A 193 B7M	ASTM A 193 L7M	ASTM A193-B8
14	HEX. NUT	ASTM A 194-2HM	ASTM A 194 7M	ASTM A 194-8
15	PIN	AISI 1035	AISI 1035	AISI 1035
16	STEM NUT	COPPER ALLOY	COPPER ALLOY	COPPER ALLOY
17	LOCKING NUT	AISI 1035	AISI 1035	AISI 1035
18	SCREW	ASTM A 36	ASTM A 36	ASTM A 36
19	HANDWHEEL	A536 Gr60-40-18	A536 Gr60-40-18	A536 Gr60-40-18
20	BEARING COVER	AISI 1025	AISI 1025	AISI 1025
21	NAMEPLATE	SS	SS	SS
22	RIVET	AL	AL	AL

On requests available in: LCC-C5-C12-WC6-WC9-C12A-CF8-CF3-CF3M & trim No. 1, 5, 8, 10, 12, 16, ...

Gear recommended from 16"

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CAST GATE VALVE Class 300 LBS

SIZE INCH	L (MM)	H (CLOSE-MM)	W (MM)	H (CLOSE-MM) W/ GEAR
2	178	345	180	/
2 ½	190	375	200	/
3	203	418	250	/
4	229	490	280	/
5	254	537	280	/
6	267	605	300	/
8	292	740	350	/
10	350	920	400	950
12	356	1050	450	1080
14	381	1235	500	1250
16	406	1375	600	1380
18	432	1550	700	1650
20	457	1650	800	1750
24	508	1910	900	2010

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