

# CAST GLOBE VALVE

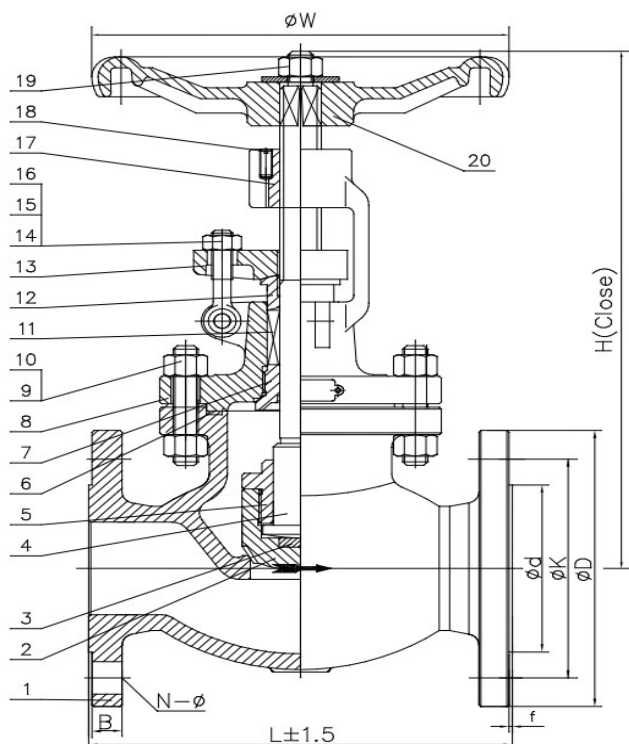
## Class 600 LBS

### Basic design features

<b>Design</b>	BS1873 /ASME B16.34
<b>Face to face</b>	ASME B16.10
<b>Flanges</b>	ASME B16.5
<b>Testing</b>	API 598
<b>Bore</b>	FULL
<b>Bonnet</b>	BOLTED
<b>Marking</b>	CE - PED
<b>Certificates</b>	EN 10204 - 3.1 / 3.2
<b>Rating</b>	600 LBS

### Test Pressure to API 598

<b>Class</b>	600 LBS
<b>Shell (Water)</b>	153 bar
<b>Seat (Water)</b>	113 bar
<b>Seat (Air)</b>	6.0 bar



### BILL OF MATERIALS STANDARD ACCORDING TO ASTM

	PART NAME	WCB	LCB	CF8M
1	BODY	ASTM A 216 WCB	ASTM A352 LCB+STL	ASTM A351 CF8M
2	DISC	ASTM A 105	ASTM LF2+316	ASTM A182 F316
3	THRUST PLATE	ASTM A276 410	ASTM A 276 410	ASTM A276 316
4	STEM	ASTM A 182 F6a	ASTM A 182-F316	ASTM A 182-F316
5	DISC NUT	AISI 1025	AISI 1025	ASTM A276 316
6	GASKET	304+GRAPHITE	316+GRAPHITE	316+GRAPHITE
7	BACK SEAT	ASTM A 182 F6a	ASTM A 182 F6a	INTEGRAL
8	BONNET	ATM A 216 WCB	ASTM A352 LCB	ASTM A351 CF8M
9	BOLT	ASTM A 193 B7M	ASTM A 193-L7M	ASTM A 193 B8
10	NUT	ASTM A 194-2HM	ASTM A 194 L7M	ASTM A 194-8
11	PACKING	GRAPHITE	GRAPHITE	GRAPHITE
12	PACKING GLAND	ASTM A 276 410	ASTM A 276-410	ASTM A276 316
13	GLAND FLANGE	ASTM A105	ASTM A 105	ASTM A 351 CF8M
14	PIN	AISI 1035	AISI 1035	ASTM A276 316
15	NUT	ASTM A 194-2HM	ASTM A 194-7M	ASTM A 194-8
16	EYE-BOLT	ASTM A193-B7M	ASTM A193 L7M	ASTM A193-B8
17	STEM NUT	COPPER ALLOY	COPPER ALLOY	COPPER ALLOY
18	SCREW	AISI 1035	AISI 1035	AISI 1035
19	NUT	AISI 1025	AISI 1025	AISI 1025
20	HANDWHEEL	A536 Gr60-40-18	A536 Gr60-40-18	A536 Gr60-40-18

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 GLOBE VALVE Class 600 LBS

SIZE INCH	L (MM)	H (CLOSE-MM)	W (MM)	H (CLOSE-MM) W/ GEAR
2	292	325	250	/
2 ½	330	325	250	/
3	356	390	350	/
4	432	450	400	/
5	440	455	450	/
6	559	521	600	/
8	660	714	/	831
10	787	890	/	1021
12	838	938	/	1030

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