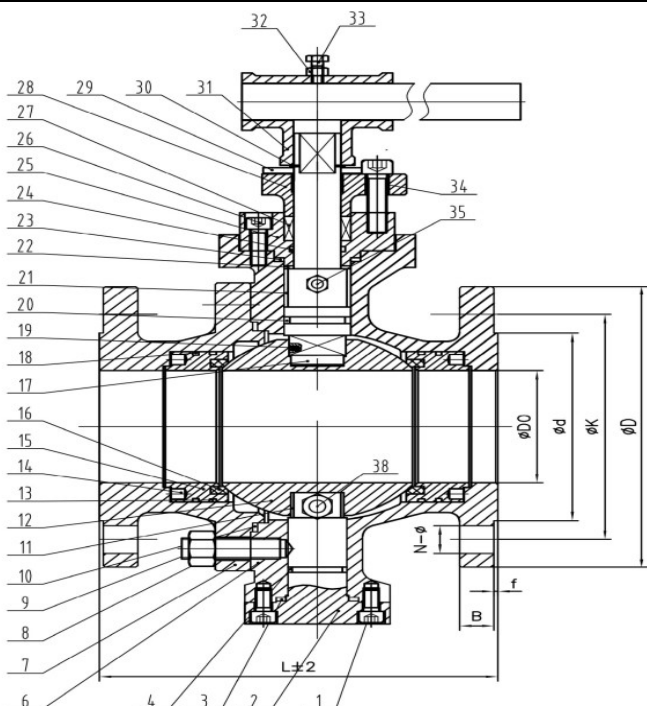


# CAST STEEL BALL VALVE TRUNNION Class 600



## Basic design features

<b>Design</b>	API 6 D
<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>Fire Safe</b>	API 607
<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		PART NAME	WCB
1	SCREW	A193 B7	24	O RING	VITON
2	LOWER STEM	A105+ENP	25	PACKING SEAT	ASTM A 105
3	SPIRAL WOUND GASKET	SS 304+GRAPHITE	26	SCREW	ASTMA 193 B7
4	O RING	VITON	27	PACKING	GRAPHITE
6	BODY	ASTM A216 WCB	28	PACKING GLAND	ASTM A216 WCB
7	BONNET	ASTM A 216 WCB	29	LOCATING PLATE	Q235+ZN
8	BOLT	A193 B7	30	CIRCLIP	65 Mn
9	NUT	A194 2H	31	HAND GRIP	ASTM A216 WCB
10	SPIRAL WOUND GASKET	SS 304+GRAPHITE	2	NUT	ASTM A194 2H
11	BEARING	SS 304+PTFE	33	HEX HEAD BOLT	ASTMA 193 B7
12	BALL	ASTM A182 F316	34	SCREW	ASTM 193 B7
13	O RING	VITON	35	GREASE FITTING VALVE	CS+ZN
14	SPRING	INCONEL X750	38	RELEASE VALVE	CS+ZN
15	SEAL SEAT	ASTM A182 F316			
16	SEAT	RPTFE			
17	STEM	ASTM A182 F316			
18	GRAPHITE	GRAPHITE			
19	ANTI STATIC DEVICE	SS 304			
20	O RING	VITON			
21	BEARING	SS 304+PTFE			
22	GASKET	PTFE			
23	SPIRAL WOUND GASKET	SS 304+GRAPHITE			



SIZE INCH	L (MM)	D (MM)	K (MM)	DO (MM)
3	356	210	168,3	74

O.P.M. ITALIA Srl Via Murri, 40 20013 Magenta - MI Italy Phone +39 02 97003091

[www.opmitalia.com](http://www.opmitalia.com) / email : [info@opmitalia.com](mailto:info@opmitalia.com)