



Range DN: 8 ~ 300



PED 97/23/EC
PED 2014/68/EU



TR TS 10/11,
12/11, 32/11



Range PN: 16 ~ 63

Operating temperature: -50 °C ~ 230 °C

Connection into piping: Flanged or threaded ends

DESCRIPTION

V006 ball valves are controlled shut-off valves. They are designed to stop or allow the flow of the medium by external operation, either manually or via the installed drive. The ball valves allow the medium to flow in both directions. Their construction is designed to prevent the build-up of sediment in the flow channel which would otherwise hinder the valve operation. These ball valves are designed and manufactured to ensure maximum service life and reliability.

MATERIAL SPECIFICATION

V006 ball valves are made from carbon, alloy and stainless steels. The material type can be adjusted according to the customer's request to optimally suit the operating conditions.

APPLICATION

V006 ball valves of this design are suitable for the chemical and food-stuff industries and in processes where the contamination of the working medium by the products of corrosion is not admissible.



BASIC STANDARDS FOR DESIGN

Basic design

EN 1983

Pressure-temperature rating

EN 12 516 - 1

Testing

EN 12 266 - 1, 2

Face-to-face dimensions

EN 558, EN 12 982

Dimensions of the welded ends

N/A

Top Flange dimensions

EN ISO 5211

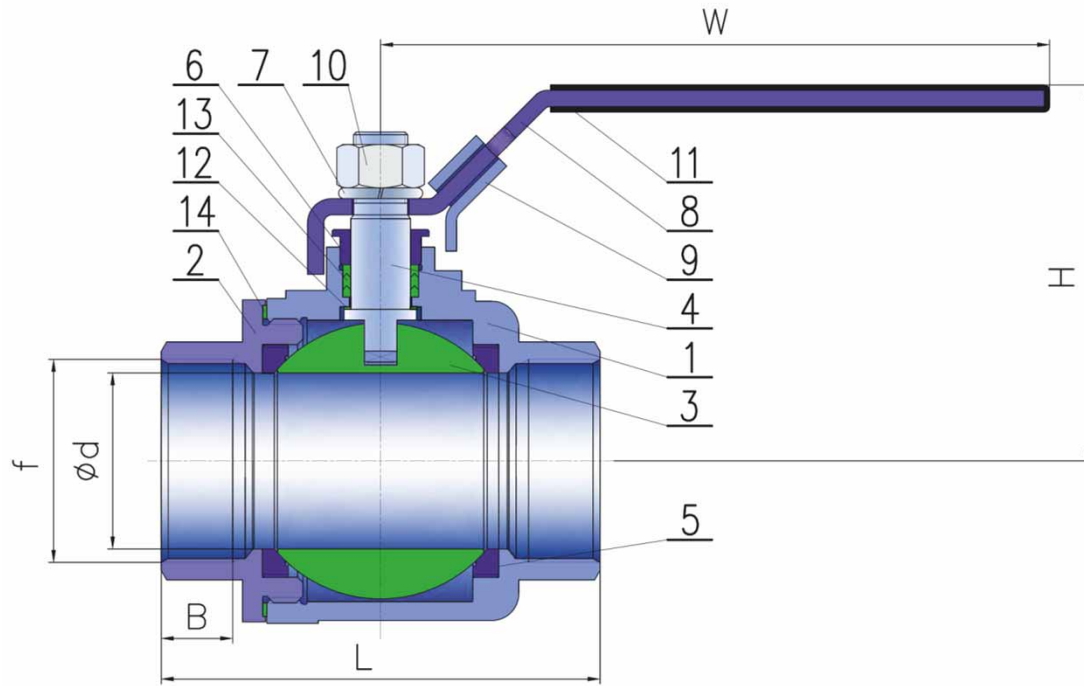
Flange dimensions

EN 1092 - 1

Special

NACE MR-0175

MATERIAL SPECIFICATION



Pos.	Designation	Material		
1	Body	A216 WCB	A351 CF8	A351 CF8M
2	Bonnet	A216 WCB	A351 CF8	A351 CF8M
3	Ball	A351 CF8, 304, 316	A351 CF8	A351 CF8M
4	Upper Stem	316		
5	Seat	PTFE, PTFE + glass, PTFE + graphite, PTFE + stainless steel		
6	Gland flange	316		
7	Washer	304		
8	Lever	304		
9	Locking device	304		
10	Stem nut	304		
11	Cover of lever	Plastic		
12	Thrust washer	304		
13	Stem packing	PTFE, PTFE + glass, PTFE + graphite		
14	Joint gasket	PTFE + stainless steel		

DIMENSIONS

PN 10, PN 16, PN 25, PN 40, PN 63							
DN	d	L	f	B	H	W	(kg)
8	11.2	49	1/4	12	51	95	0.25
10	12.6	49	3/8	12	51	95	0.25
15	16	57	1/2	15	53	95	0.45
20	20	65	3/4	17.5	59	110	0.5
25	25	78	1	19.5	73	135	1.1
32	32	90.5	1 1/4	21.5	78	135	1.6
40	38.1	105	1 1/2	21.5	91	165	2.3
50	50.8	127	2	22	99	165	3.7
65	65	160	2 1/2	27.5	130	215	4.6
80	80	187	3	32	142	215	5.8
100	100	260	4	35	174	325	8.4

TYPE DESIGNATION

V006 ABC M PN/S

<p>A CONNECTION INTO PIPE</p> <p>F Flanged</p> <p>T Threaded</p>	<p>B ISO TOP FLANGE</p> <p>- Without</p> <p>M With flange</p>	<p>C LOCK DEVICE OF HAND LEVER</p> <p>- Without</p> <p>L With lock device</p>
<p>M BODY MATERIAL</p> <p>SS Stainless cast</p> <p>AS Cast alloy steel</p> <p>CS Cast carbon steel</p>	<p>S SPECIAL EXECUTION</p> <p>A Antistatic execution</p> <p>S</p>	