

Features

- Lugged pattern WRAS approved butterfly valve
- Ductile Iron body
- 316 Stainless Steel disc
- EPDM liner
- Face to face according to EN 558-1 Series 20
- ISO5211 actuator mounting pad
- Maximum pressure: 16 bar (DN50-150) & 10 bar (200-300)
- Working temperature -20°C to +120°C

Operation

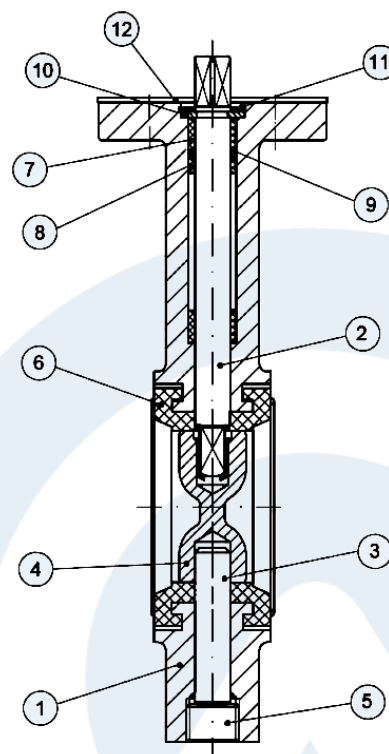
Turning the lever rotates the disc resulting in a change of direction of flow of the media. A latch locking device allows for locking the valve in open, closed & intermediate position. The valve is actuator ready with standard ISO5211 mounting pad & square output shaft.

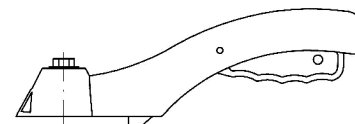
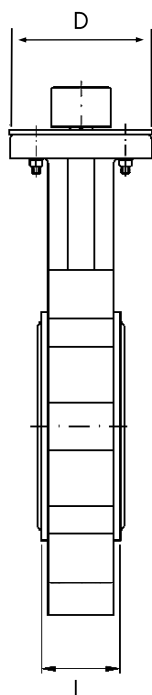
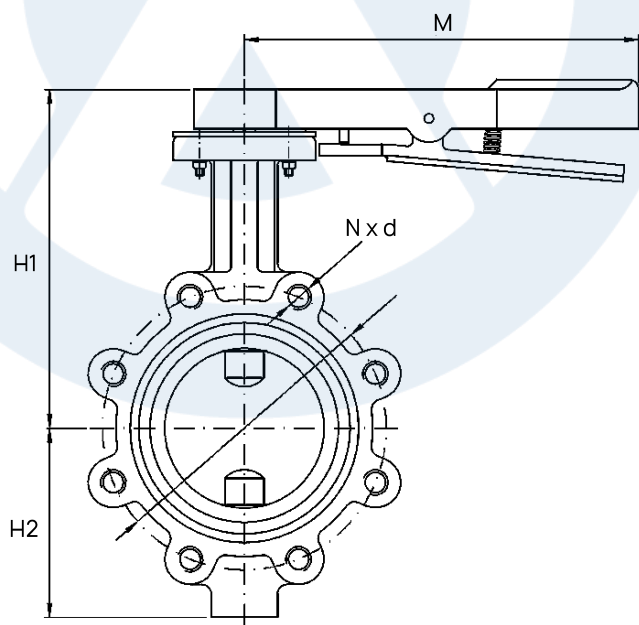
Manufacturer

GENEBRE

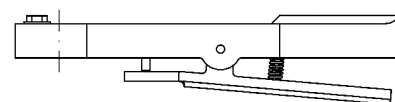
Materials

1	Body	Ductile iron body Epoxy painted
2	Stem	Stainless Steel AISI 416
3	Pivot	Stainless Steel AISI 416
4	Disc	316 St Steel 1.4408 Shot blasted
5	Plug	Carbon Steel Zinc plated
6	Seat	EPDM
7	Bush	Graphite
8	Bush	Graphite
9	O-ring	NBR
10	Washer	Bronze
11	Stop ring	Carbon Steel Zinc plated
12	Plate	Carbon Steel Zinc plated

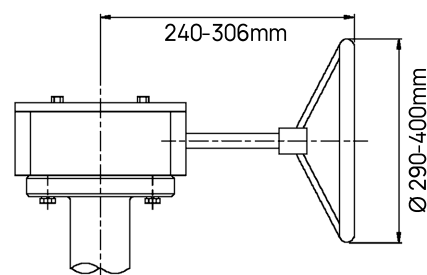




Note: size 2" - 5"



Note: size 6" - 10"



Note: size 12" (DN300)
handling by gear operator

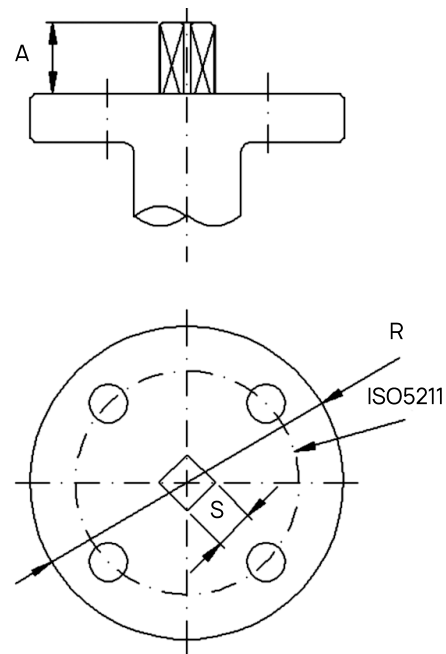
Dimension Table

Size DN	H1	H2	L	M	D	N x d	Torque (Nm)
50	240.0	79.0	43.0	216.0	90.0	4 x M16	12.0
65	240.0	93.0	46.0	216.0	90.0	4 x M16	20.0
80	245.0	103.0	46.0	216.0	90.0	4 x M16	27.0
100	265.0	120.0	52.0	216.0	90.0	8 x M16	40.0
125	290.0	133.0	56.0	216.0	90.0	8 x M16	60.0
150	240.0	158.0	56.0	300.0	125.0	8 x M20	90.0
200	280.0	180.0	60.0	300.0	125.0	8 x M20	120.0
250	325.0	216.0	68.0	300.0	125.0	12 x M20	180.0
300	351.0	251.0	78.0	Ø 290	150.0	12 x M20	240.0

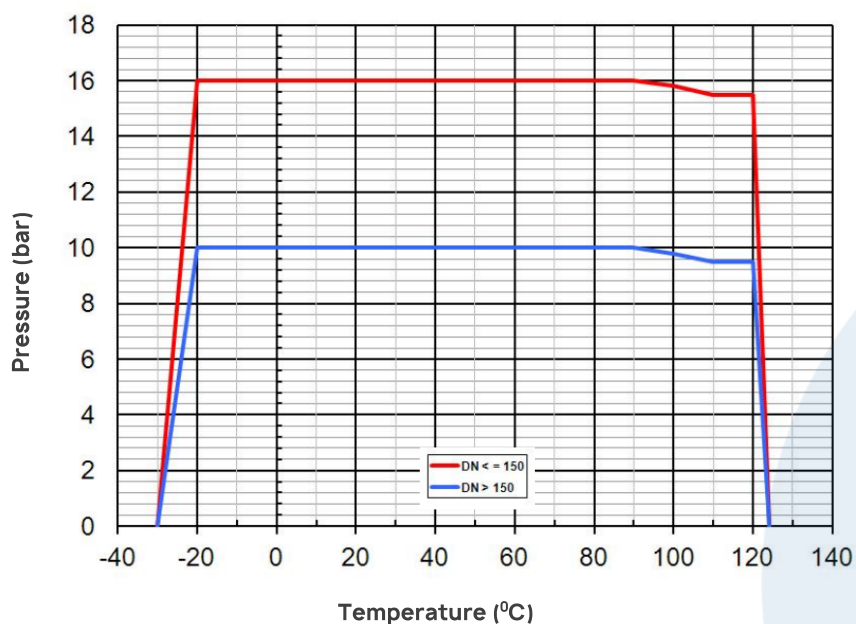
Torque incl SF

Top Flange Dimensions

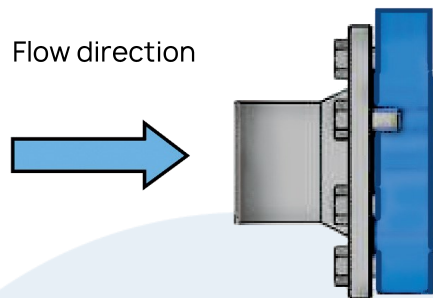
Size	A	R	S	ISO5211
2"	30.0	90.0	11	F07
2 1/2"	30.0	90.0	11	F07
3"	30.0	90.0	11	F07
4"	30.0	90.0	14	F07
5"	30.0	90.0	14	F07
6"	30.0	125.0	17	F07/F10
8"	30.0	125.0	17	F07/F10
10"	40.0	125.0	22	F10
12"	40.0	150.0	22	F10/F12
14"	45.0	150.0	22	F12
16"	45.0	175.0	27	F14
18"	45.0	175.0	27	F14
20"	45.0	175.0	36	F14



Pressure Temperature ratings:



Flow direction



If the valve is installed at the end of the pipe, the maximum working pressure is:

2" to 12" 235 psi x 0.4 = 94 psi

14" to 24" 150 psi x 0.4 = 60 psi