

Features

- Lugged pattern butterfly valve
- Ductile Iron Body,
- Body allows installation between ANSI 125 / 150 flanges
- 316 Stainless Steel disc
- EPDM liner
- Face to face according to EN 558-1 Series 20
- ISO5211 actuator mounting pad
- Maximum pressure: 235 psi (sizes 2"-12") 150 psi (sizes 14"-24")
- Working temperature -20°C to +120°C

Operation

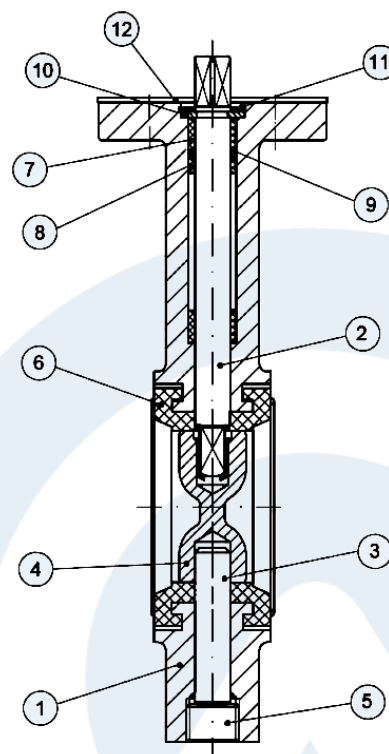
Turning the lever rotates the disc resulting in a change of direction of flow of the media. A latch locking device allows for locking the valve in open, closed & intermediate position. The valve is actuator ready with standard ISO5211 mounting pad & square output shaft.

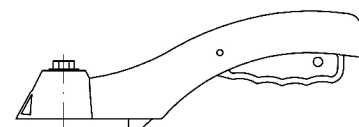
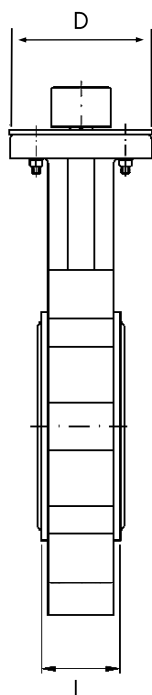
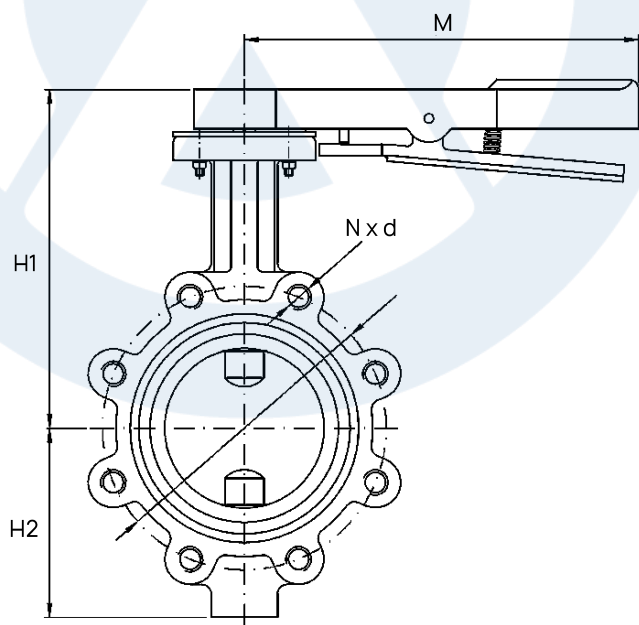
Manufacturer

GENEBRE

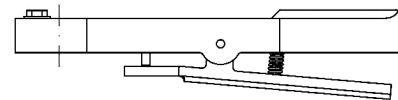
Materials

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

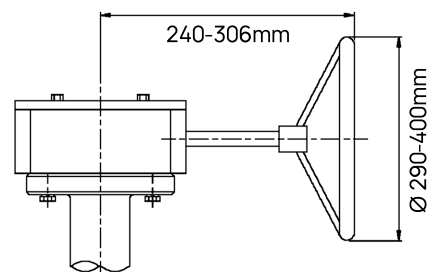




Note: size 2"-5"



Note: size 6"-10"



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

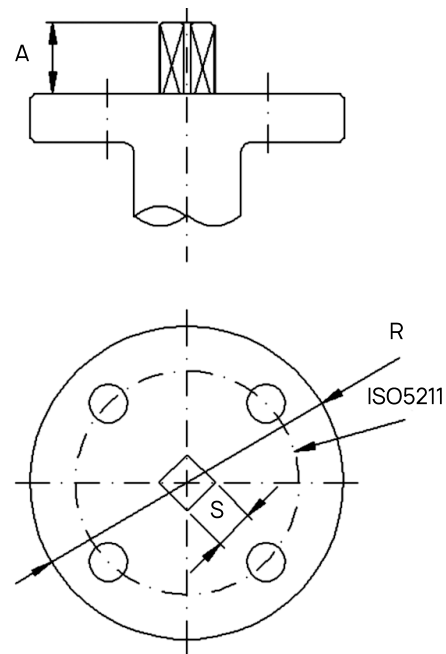
Dimension Table

Size	H1	H2	L	M	D	N x d	Torque (Nm)
2"	240.0	79.0	43.0	216.0	90.0	4 x 5/8"	12.0
2 1/2"	240.0	93.0	46.0	216.0	90.0	4 x 5/8"	20.0
3"	245.0	103.0	46.0	216.0	90.0	4 x 5/8"	27.0
4"	265.0	120.0	52.0	216.0	90.0	8 x 5/8"	40.0
5"	290.0	133.0	56.0	216.0	90.0	8 x 3/4"	60.0
6"	240.0	158.0	56.0	300.0	125.0	8 x 3/4"	90.0
8"	280.0	180.0	60.0	300.0	125.0	8 x 3/4"	120.0
10"	325.0	216.0	68.0	300.0	125.0	12 x 7/8"	180.0
12"	351.0	251.0	78.0	Ø 290	150.0	12 x 7/8"	240.0
14"	346.0	262.0	78.0	Ø 290	150.0	12 x 1"	610.0
16"	375.0	301.0	102.0	Ø 290	175.0	16 x 1"	805.0
18"	400.0	333.0	114.0	Ø 400	175.0	16 x 1 1/8"	1100.0
20"	432.0	366.0	127.0	Ø 400	175.0	20 x 1 1/8"	1500.0

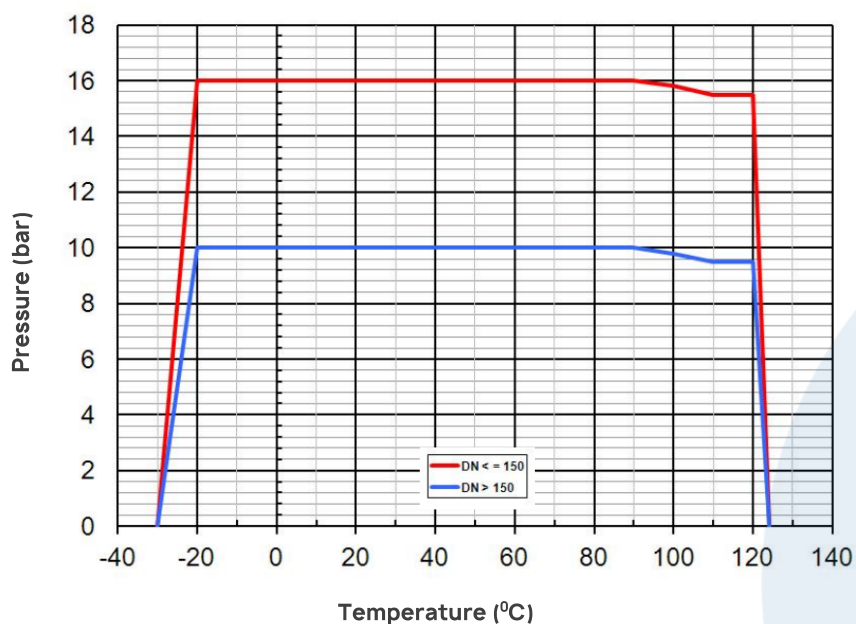
Torque incl SF

Top Flange Dimensions

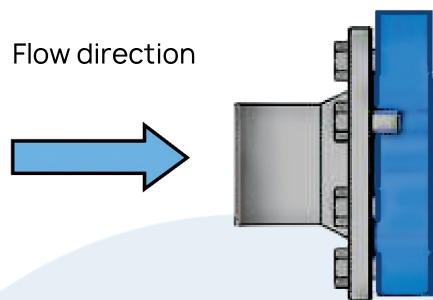
Size	A	D	S	ISO5211
2"	30.0	90.0	11.0	F07
2 1/2"	30.0	90.0	11.0	F07
3"	30.0	90.0	11.0	F07
4"	30.0	90.0	14.0	F07
5"	30.0	90.0	14.0	F07
6"	30.0	125.0	17.0	F07/F10
8"	30.0	125.0	17.0	F07/F10
10"	40.0	125.0	22.0	F10
12"	40.0	150.0	22.0	F10/F12
14"	45.0	150.0	22.0	F12
16"	45.0	175.0	27.0	F14
18"	45.0	175.0	27.0	F14
20"	45.0	175.0	36.0	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