

BUTTERFLY VALVE DOUBLE FLANGE DIN PN 16

Material EN-JL1040; DIN GG25
Pressure PN 16

TECHNICAL DESCRIPTION

Butterfly valve, soft-sealing, centric with a one-piece spindle. The sealing element – a rubber cuff vulcanized to the body. Top flange according to ISO 5211.

The vulcanized cuff allows the valve to perform its functions even at negative pressure values (vacuum).

WORKING FLUID / MEDIUM

- Fuels, lubricating oil and combustible hydraulic oils,
- Petroleum, non-combustible hydraulic fluids, feed water for boilers, condensate.
- Sea water.

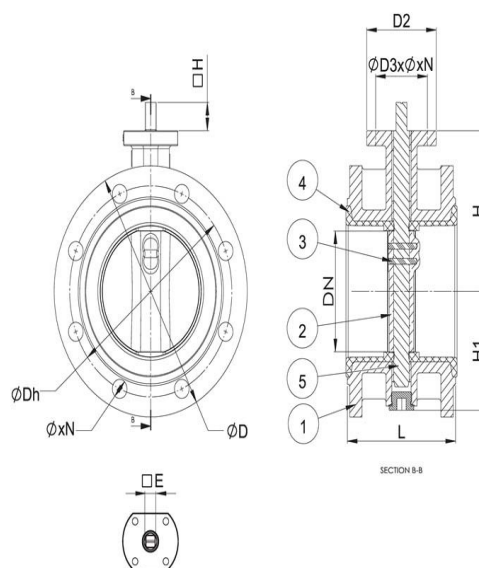
PERFORMANCE

- AISI 316 stainless steel disc.
- Cuff – rubber EPDM or NBR, (on request FPM/FKM).
- Other materials on request.

OPTIONS

- Manual drive
- Geared drive
- Electric or pneumatic drive

Dimensions: DN 50 - 600



SPECIFICATION		
No.	DETAILS	MATERIALS
1	Body	grey cast iron EN-JL1040 (GG 25)
2.1	Flap (disc)	malleable cast iron
EN-JL1030 (GGG40)+chrome coating		
2.2	Flap (disc)	Stainless steel. Art. 1.4401 (AISI 316)
3	Pin	Stainless steel. Art. 1.4408 (AISI 316)
4	Cuff	NBR/EPDM Rubber
5	Spindle	Stainless steel. Art. 1.4408 (AISI 316)
Standard Flanges		EN 1092-1 PN 16
Top flange		ISO 5211
Construction Length		EN 558 Series 14
Performance		straight
Accession		Flanged PN10
Management		manual, with gearbox, electric drive, pneumatic drive
Driven		Sectoral
T max. [°C]		NBR cuff +90 °C
		EPDM cuff +130 °C

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DN	PN	Flanges/PN	L	ØD	ØDh	NxØ	ØD3xØxN	H	H1	ØH	ØE	Weight (kg)
50	16	PN16	108	165	125	4 x 19	50x8x4	120	83	32	11	10
65	16	PN16	112	185	145	4 x 19	50x8x4	130	93	32	11	12
80	16	PN16	114	200	160	8 x 19	50x8x4	145	100	32	11	14
100	16	PN16	127	220	180	8 x 19	70x10x4	155	114	32	14	16
125	16	PN16	140	250	210	8 x 19	70x10x4	170	125	32	16	20
150	16	PN16	140	285	240	8 x 23	70x10x4	190	143	32	16	27
200	16	PN16	152	340	295	12 x 22	102x12x4	205	170	45	20	35
250	16	PN16	165	405	355	12 x 26	102x12x4	235	198	45	24	51
300	16	PN16	178	460	410	12 x 26	102x12x4	280	223	45	26	62
350	16	PN16	190	520	470	16 x 26	102x12x4	310	270	45	26	90
400	16	PN16	216	580	525	16 x 30	140x18x4	340	300	51	28	124
450	16	PN16	222	640	585	20 x 30	140x18x4	375	340	51	30	180
500	16	PN16	2229	715	650	20 x 33	165x22x4	430	355	57	36	210
600	16	PN16	267	840	770	20 x 36	165x22x4	500	410	70	40	302