

BUTTERFLY VALVE STEEL WAFER TYPE DIN PN 16

Material steel 1.0619; DIN GS-C25
Pressure PN 16

TECHNICAL DESCRIPTION

Butterfly valve, soft sealing – Teflon PTFE / metal, double eccentric “High Performance” with one-piece spindle. Sealing element – PTFE. Top flange according to ISO 5211. Possible variants with stainless steel AISI 316 with/without API 607.

WORKING FLUID / MEDIUM

- Toxic and slightly corrosive fluids, fuels, lubricating oil and flammable hydraulic oils.
- Petrol, non-flammable hydraulic fluids, boiler feed water, condensate.
- Sea water.

EXECUTION

- Stainless steel AISI 316.
- PTFE gasket.
- Other materials on request.

OPTIONS

- Manual drive
- Gearbox drive
- Electric or pneumatic drive.

Dimensions: DN 80 - 600



No.	DETAILS	MATERIALS		
1	Body	steel 1.0619 (WCB)	Standard flanges	ANSI #150
2	Valve (disc)	stainless steel 1.4301 (AISI304)	Construction length	API 609
3	Pin	stainless steel 1.4401 (AISI316)	Execution	straight
4	Gasket	Teflon/PTFE	Joining	interflange
5	Spindle	stainless steel 1.4301 (AISI304)	Management	manual with gearbox, electric and pneumatic drive
6	Oil seal	Teflon/PTFE	Drive	sector 90°
7	Handle / reducer	malleable cast iron EN-JS1030 (GGG40)	T max. [°C]	PTFE sleeve +180 °C

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DN	P	L	DE	ØD	d	ØDh	ØxN	ØD3xØxN	QH	H	H1	H2	Kg
80	16	48	14	126	76	160	18x2	102x12x4 (F10)	16	86	134	140	7.0
100	16	54	14	155	96	180	18x2	102x12x4 (F10)	16	86	144	150	9.0
125	16	57	17	184	118	210	18x2	102x12x4 (F10)	19	89	178	170	12.0
150	16	57	17	215	143	240	22x2	102x12x4 (F10)	19	89	190	185	13.0
200	16	62	19	267	188	295	22x2	125x14x4 (F12)	21	101	214	215	21.0
250	16	70	22	326	236	350	26x2	125x14x4 (F12)	24	104	254	260	30.0
300	16	81	27	375	281	400	26x4	140x18x4 (F14)	29	129	298	290	46.0
350	16	92	32	416	320	460	26x4	140x18x4 (F14)	34	134	328	320	63.0
400	16	102	36	480	371	515	30x4	165x22x4 (F16)	38	158	377	370	95.0
450	16	114	36	534	420	565	M27x4	165x22x4 (F16)	38	158	402	395	125.0
500	16	127	46	588	469	620	M30x4	165x22x4 (F16)	48	168	437	430	160.0
600	16	154	46	692	549	725	M33x4	254x18x8 (F25)	48	198	492	480	265.0