Wafer Butterfly Valves

Design

· Wafer type
· Full crossing stem (up to DN65)
· Removable seat
· Long neck for isolation
· Various seat and packing materials available
· ISO 5211 mounting pad

Applications

· Chemical plants , Pumping , Food Industry , Sewage treatment, Mining

Media

· Water, Seawater, Steam, Diluted Acids

Advantages

· Compact, lighter and economical
· On-off and flow control capability
· Low friction
· Provides high flow rates with low pressure drop
· Various seat and packing materials available
· No retention area

Materials

· Cast Iron, Ductile Iron, Cast Steel or Stainless Steel, Dublex

Pressure and temperature

· PN6/10/16/25 or CL150
· Temperature up to 200

Options

· Electric, hydraulic or pneumatic actuator
· WRAS certification on request
· Position indicator
· Lined Disc (Teflon, Nylon)
· Extended stem
· Locking device
· Flanges and welding ends according to: EN, DIN, ANSI GOST, etc.
· Other paint finishes are available upon customer's request
· Gate valve complete with counter flanges, bolting and gaskets.

Testing

· Every produced valve was tested according to EN 12266-1 or API598

"Butterfly Valves according to EN593 API609 BS5155	PN10 ÷ PN160
Face-to face dimensions according to	DIN558-1 API609 DIN 3202 ISO5752 BS5155
Flanged ends according to	EN 1092-1, ASME B16.5
Pressure tests according to	EN 12266-1, Rate A or API 598

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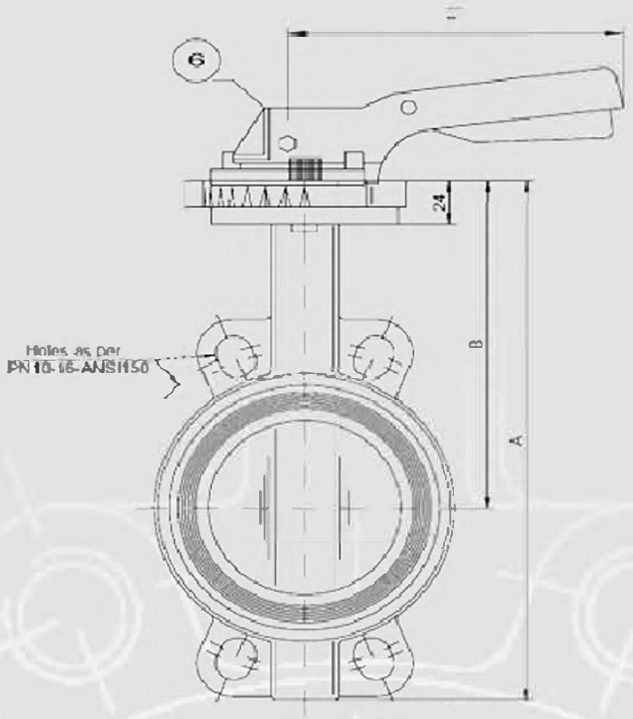

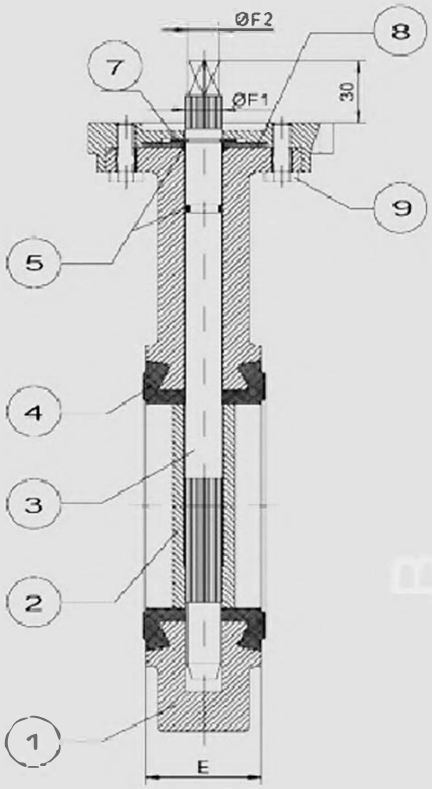

No	Part	Material
1	BODY	EN-GJS-400 (GGG40) / EN-GJS-500 (GGG50) CAST STEEL / STAINLESS STEEL
2	DISC	AISI 304 / AISI 316 / DUBLEX /SUPERDUBLEX
3	STEM	X20Cr13
4	SEAT	EPDM /NBR / PTFE
5	O-RING	PTFE
6	HAND LEVER	ZINC COATED STEEL
7	CIRCLIP	STEEL
8	WASHER	STEEL
9	SCREW	AISI 304 AISI 316 DUBLEX SUPERDUBLEX

DN		A	B	ØD	E	ØF1	ØF2	J
mm.	inch.							
32	1¼"	206	140	88	33	10,5	9,5	8
40	1½"	206	140	88	33	10,5	9,5	8
50	2"	228	156	88	43	10,5	9,5	8
65	2½"	248	161	88	46	14,5	12	9
80	3"	265	169	88	46	16,5	14	11
100	4"	298	187	88	52	16,5	14	11
125	5"	331	206	105	56	18,5	17	14
150	6"	349	215	105	56	18,5	17	14
200	8"	430	255	105	60	22,5	21	17

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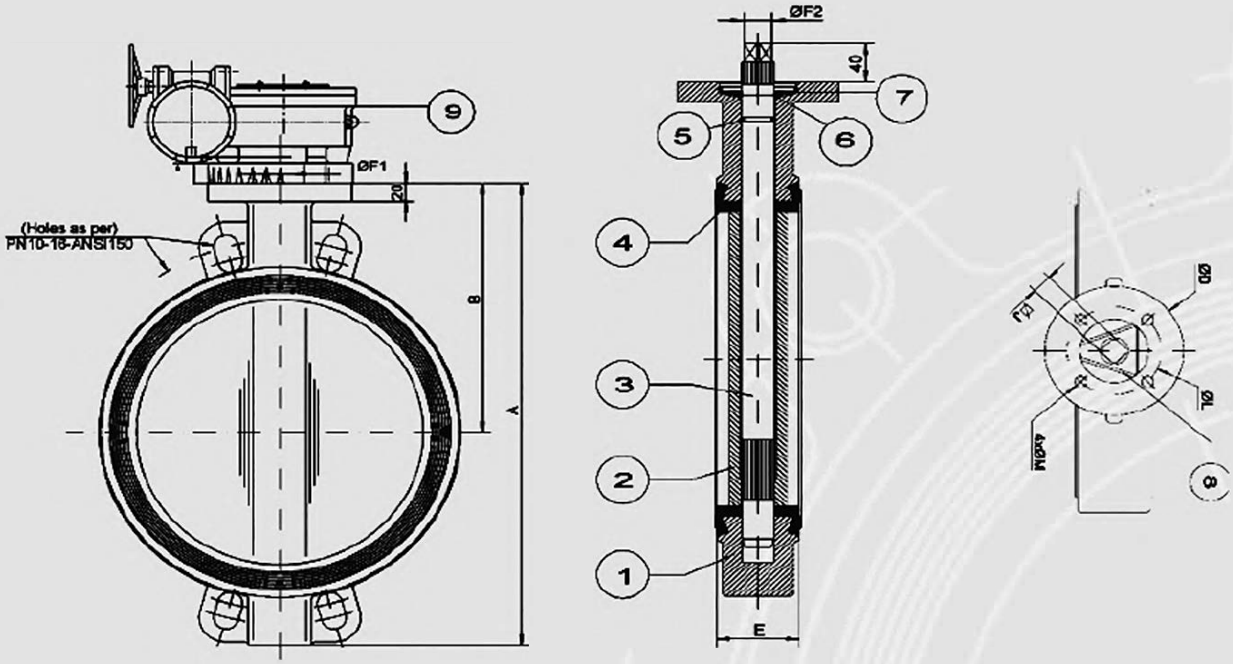

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4	SEAT	EPDM /NBR / PTFE
5	O-RING	PTFE
6	CIRCLIP	STEEL
7	WASHER	STEEL
8	ATTACH PLATE	STEEL
9	GEAR BOX	DI

DN		A	B	ØD	E	ØF1	ØF2	J	ØL	ØM
mm.	inch.									
250	10"	461	248	150	68	25,5	23	19	102	11
300	12"	524	280	150	78	30,5	26,5	22	102	11
350	14"	570	300	170	78	30,5	26,5	22	140	18
400	16"	644	340	170	102	35,5	33	27	140	18