



BUTTERFLY VALVE

DOUBLE ECCENTRIC GEAR OPERATED, PN16

Model Number: **MV20 - 441**

FEATURES / CHARACTERISTICS

Design	BSEN598 (ex. BS5155)
Rating	PN16
Connection	Face to Face Flanged to BS EN1092-2 (ex. BS 4504, PN16)

Double Eccentric Design, Gear Operated
Epoxy Coated, Replaceable Liner, EPDM Lined
Suitable to mount between PN16 Flanges

ON REQUEST

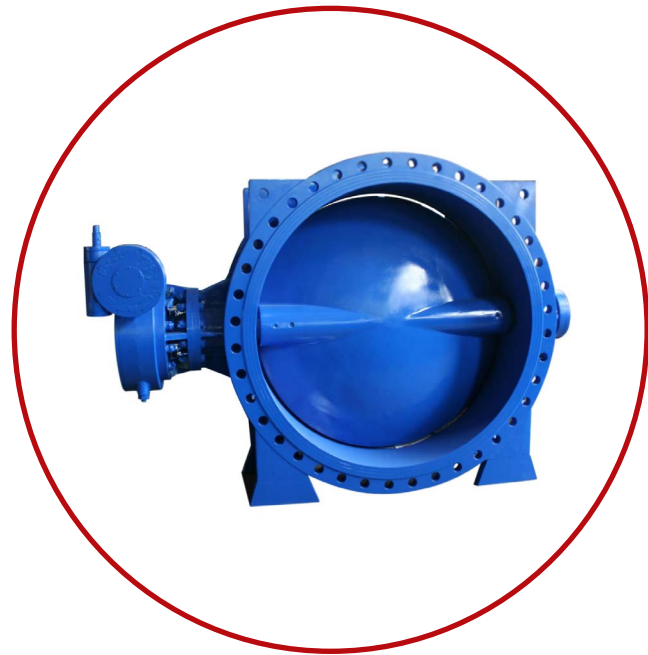
ANSI standards (subject to minimum order quantities).

HYDROSTATIC TEST PRESSURE

Shell- 24 bar
Seat- 17.6 bar

WORKING TEMPERATURE

16 Bar -10° C to 110° C water



MATERIAL SPECIFICATIONS

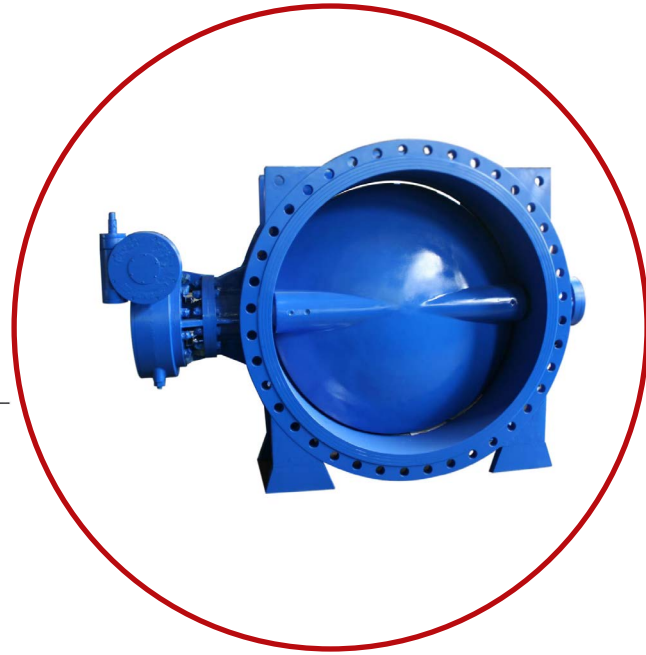
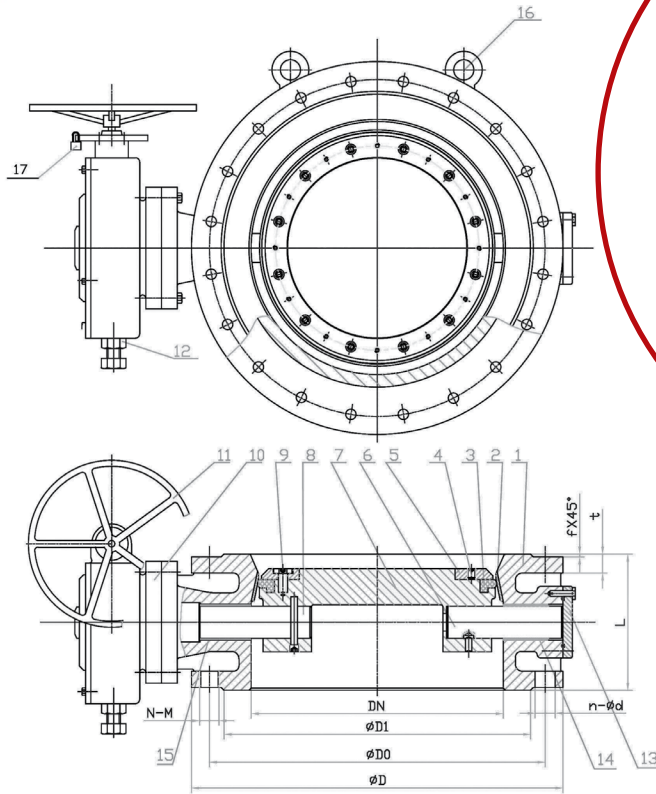
	PART	MATERIAL	SPEC.
1	Body	Ductile Iron	GGG50
2	Seat of body	Stainless Steel	SS304/316/316L
3	Disc seat ring	EPDM	
4	Lock Screw	Stainless Steel	SS304
5	Disc seat ring cover	Stainless Steel/Ductile Iron	
6	Down Shaft	Stainless Steel	
7	Disc	Ductile Iron with Epoxy Coated	
8	Up Shaft	Stainless Steel	
9	Bolt	Stainless Steel	SS304
10	Wormgear actuator (for handwheel operation)		
11	Handwheel	Ductile Iron	GGG40
12	Nut	Stainless Steel	SS304
13	Shaft end cover	Ductile Iron	GGG40
14	Down Shaft bearing	SS/Brass with PTFE lining	
15	Up shaft bearing	SS/Brass with PTFE lining	
16	Hook	Stainless Steel	SS304
17	Lock		



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DIMENSIONS (mm)

Sizes		Face to Face (DIN3202)		Dimensions of ISO Flanges					
DN	inch	L (F4)	L	ØD	ØD0	ØD1	n-Ød	t	f
150	6"	210	140	285	240	212	8-23	19	3
200	8"	230	152	340	295	268	12-23	20	3
250	10"	250	165	405	355	320	12-28	22	3
300	12"	270	178	460	410	378	12-28	24.5	4
350	14"	290	190	520	470	438	16-28	26.5	4
400	16"	310	216	580	525	490	16-31	28	4
450	18"	330	222	640	585	550	20-31	30	4
500	20"	350	229	715	650	610	20-34	31.5	4
600	24"	390	267	840	770	725	20-37	36	5
700	28"	430	292	910	840	793	24-37	39.5	5
800	32"	470	318	1025	950	900	24-40	43	5
900	36"	510	330	1125	1050	1000	28-40	46.5	5
1000	40"	550	410	1255	1170	1112	28-43	50	5
1100	44"	550	550	1355	1270	1218	32-44	53.5	5
1200	48"	630	470	1485	1390	1330	32-49	57	5
1400	56"	710	530	1685	1590	1535	36-49	60	5

*All dimensions are nominal (indicative)
Actual dimensions may vary