



BUTTERFLY VALVE

DUCTILE IRON, FULLY LUGGED, GEAR OPERATED, PN16

Model Number: **MV20-221**



FEATURES / CHARACTERISTICS

Design	BS EN593
Rating	PN16
Connection	BS EN558-1 Face to Face series 20, Flanged to BS EN1092-2, PN16 (ex BS 4504), Top Flange conform to ISO 5211
Working Medium	Water, Oil and Steam

Fully Lugged Design, Wafer Type, 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

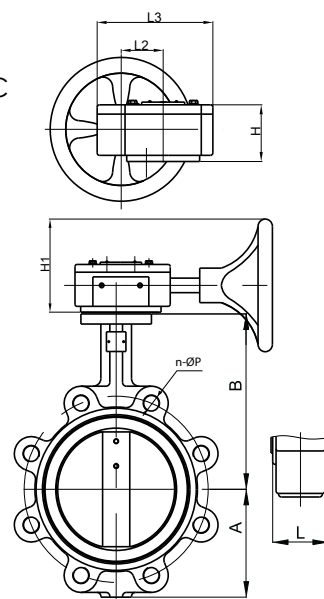
Shell- 24 bar
Seat- 17.6 bar

WORKING TEMPERATURE

16 Bar -10° C to 110° C water
WRAS approved -10° C to 85° C

MATERIAL SPECIFICATIONS

SR.	PARTS	MATERIAL
1	Body	Ductile Iron
2	Disc	DI/SS/Al-Br
3	Shaft	Stainless Steel
4	Seat	EPDM/NBR
5	O-Ring	EPDM/NBR
6	Bushing	Bronze
7	Gear	Cast Iron
8	Top Plate	Stainless Steel



DIMENSIONS (mm)

Sizes		A	B	H	H1	L2	L3	L	n-ØP
DN	inch								
150	6"	139	226	65	113	45	129	55	8xM20
200	8"	175	260	70	182	62	171	60	12xM20
250	10"	203	292	70	182	62	171	67	12xM24
300	12"	242	337	77	182	85	198	76	12xM24
350	14"	267	368	77	182	85	198	76	16xM24
400	16"	316	400	103	247	120	280	102	16xM27
450	18"	334	422	103	247	120	280	114	20xM27
500	20"	370	480	143	270	122	316	127	20xM30
600	24"	468	562	143	270	122	316	151	20xM33

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