

**Application:**

Water Treatment Plants  
Chemical Ind.  
Petrochemical Ind.  
Oil and Fuel Application  
Processing Ind.  
Power and Utilities  
Paper and Pulp  
Ship Building

**Technical Specifications**

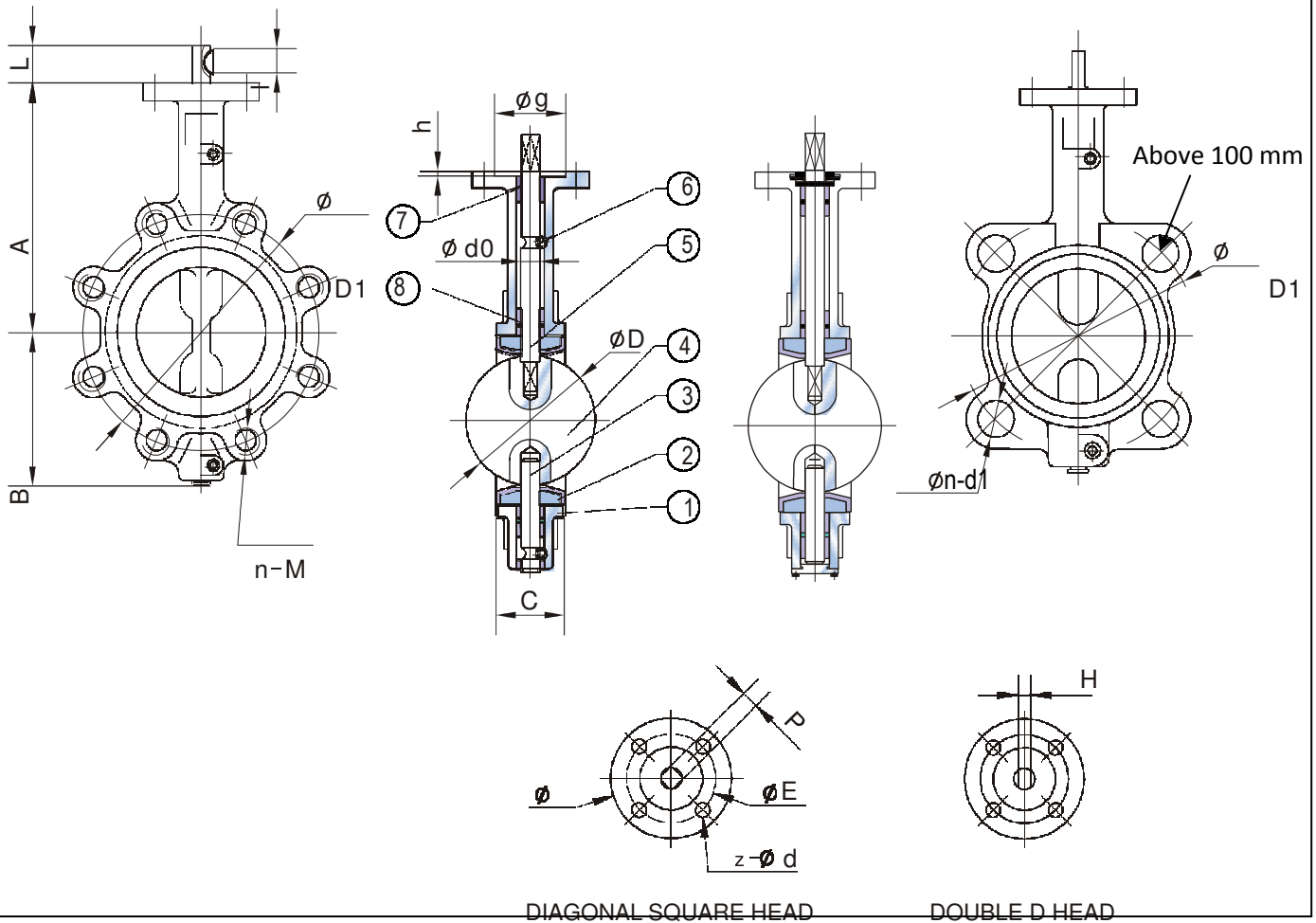
Valve type	:	Concentric Butterfly valve
Body Type	:	Wafer / Lugged / Flanged
Seat type	:	Replaceable
End connection	:	Wafer / Lugged / Flanged
Size range	:	50 mm to 400mm
Pressure rating	:	PN 10 / PN 16
Seat Leakage	:	Tight shut off
Operation	:	Hand Lever / Worm Gear Box (above 150mm)
Actuator (Optional)	:	Pneumatic / Electric

**Standards and Codes**

Design	:	API 609 Category A BS 5155
Face to Face	:	API 609 Category A ISO 5752 Table 5
Flange Drilling Top	:	ISO 5211 Part II
Inspection and Testing	:	API 598
Flange soting	:	ANSI 150, DIN PN 6/PN10 JIS 5K/ 10K BS 10 TABLE D/E

LUG TYPE

WAFER TYPE



STANDARD MATERIALS OF MAIN PARTS

ITEM	PART NAME	MATERIAL
1	Body	Cast Iron, Ductile Iron, Carbon Steel, Stainless Steel
2	Seat	NBR, EPDM, PTFE, Viton, Neoprene, Hypalon, Silicon
3	Lower Shaft	Stainless Steel 410, 304,316,
4	Disc	Ductile Iron, Carbon Steel, CF8, CF8M
5	Upper Shaft	Stainless Steel 410, 304,316
6	Locating Pin	Carbon Steel
7	Bushing	PTFE
8	O Ring	NBR, EPDM

DIMENSIONS

SIZE		A	B	C	D	L	d0	P	H	KEY bXl	UPPER FLANGE					ANSI 150			DIN PN10/16		
in	DN										K	E	z-d	g	h	D1	n-d1	M	D1	n-d1	M
2	50	161	80	42	52.6	32	12.6	9	10	3X16	77	50	4-7	35	3	120.5	4-19	5/8"	125	4-18	M16
2-1/2	65	175	89	44.7	64.5	32	12.6	9	10	3X16	77	50	4-7	35	3	139.5	4-19	5/8"	145	4-18	M16
3	80	181	95	45.2	78.8	32	12.6	9	10	3X16	77	50	4-7	35	3	152.5	4-19	5/8"	160	4/8-18	M16
4	100	200	114	52.1	104	32	15.77	11	12	5X19	90	70	4-9	55	3	190.5	8-19	5/8"	180	8-18	M16
5	125	213	127	54.4	123.3	32	18.92	14	14	5X19	90	70	4-9	55	3	216	8-22	3/4"	240	8-18	M16
6	150	226	139	55.8	155.6	32	18.92	14	14	5X19	90	70	4-9	55	3	241.5	8-22	3/4"	240	8-23	M20
8	200	260	175	60.6	202.5	45	22.1	17	17	5X19	125	102	4-12	70	3.5	298.5	8-22	3/4"	295	8/12-23	M20
10	250	292	203	65.6	250.5	45	28.45	22	22	8X28	125	102	4-12	70	3.5	362	12-25	7/8"	350/355	12-23/27	M20/M24
12	300	337	242	76.9	301.6	45	31.6	22	24	8X28	140	102	4-12	70	3.5	432	12-25	7/8"	400/410	12-23/27	M20/M24
14	350	368	267	75.6	333.3	45	31.6	22	24	8X28	140	102	4-12	-	-	476	12-29	1"	460/470	16-23/27	M20/M24
16	400	400	309	86.5	389.6	51.2	33.15	24	24	10X50	197	140	4-18	-	-	540	16-29	1"	515/525	16-27/30	M24/M27

All technical information in this catalogue is general use only. Consult Xtreme valves for the specific requirements. As we continuously endeavor to improve our products, the data given herein are subject to change.