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DOUBLE ECCENTRIC BUTTERFLY VALVE 13/14 SERIES WITH WORM GEAR FD02-BV2DEF-1G



APPLICATION

Usage occasions:sewage treatment factory,water circulation system,chemical plant,hydraulic pump station.etc.

CARACTERISTIQUES GENERALES

Design in accordance with NF EN 593.
Assembling with preferential sense Bi-directional Double excentric type.

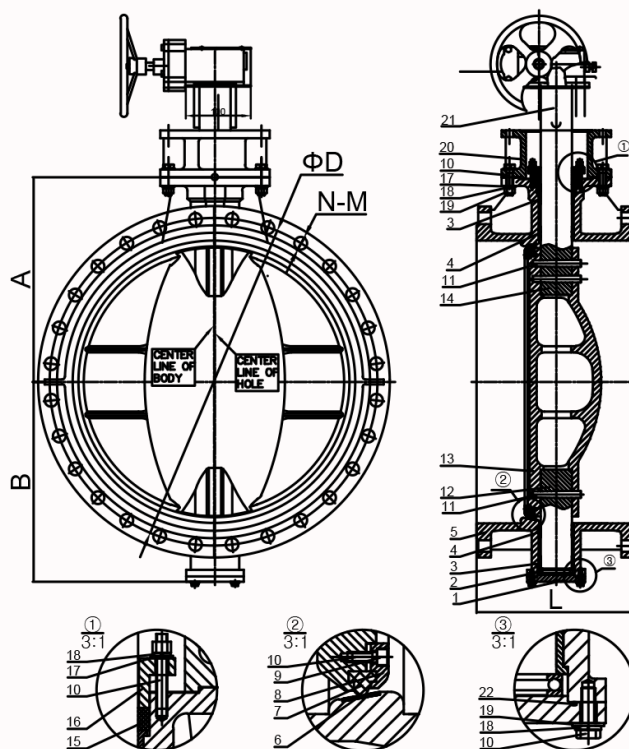
CONSTRUCTION

NO.	PRATS	MATERIAL
1	COVER	CI / DI / SS / WCB
2	BEARING	BEARING STEEL
3	BUSHING	PTFE / BRONZE
4	O-RING	NBR / EPDM
5	BODY	CI / DI / SS / WCB
6	SEAT	NBR / EPDM / PTFE
7	SEAL OF DISC	NBR / EPDM
8	PRESSURE RING	STAINLESS STEEL / CARBON STEEL
9	HEX BOLTS	STAINLESS STEEL / GALVANIZED
10	BOLT	STAINLESS STEEL / GALVANIZED
11	PIN	SS304 / 316
12	LOWER SHAFT	SS416 / SS304 / SS316
13	DISC	CF8 / CF8M / AL-BC / DUPLEX STEEL
14	UPPER SHAFT	SS416 / SS304 / SS316
15	PACKING	ASSEMBLY
16	PACKING GLAND	CI / DI / SS / WCB
17	FLAT WASHER	STAINLESS STEEL / GALVANIZED
18	SPRING WASHER	STAINLESS STEEL / GALVANIZED
19	NUT	STAINLESS STEEL / GALVANIZED
20	CONNECTION SEAT	CI / DI / SS / WCB
21	KEY	45#
22	O-RING	NBR / EPDM
23	WORM GEAR	ASSEMBLY

DIMENSIONS

DN mm inch	A	B	L		PN10			PN16			ANSI 150		
			S13	S14	ΦD	N	M	ΦD	N	M	ΦD	N	M
50 2"	140	98	108	150	125	4	Φ18	125	4	Φ18	120.5	4	Φ19
65 2.5"	140	108	112	170	145	4	Φ18	145	4	Φ18	139.5	4	Φ19
80 3"	140	115	114	180	160	8	Φ18	160	8	Φ18	152.5	4	Φ19
100 4"	155	138	127	190	180	8	Φ18	180	8	Φ18	190.5	8	Φ19
125 5"	165	165	140	200	210	8	Φ18	210	8	Φ18	216	8	Φ22
150 6"	190	173	140	210	240	8	Φ23	240	8	Φ23	241.5	8	Φ22
200 8"	235	225	152	230	295	8	Φ23	295	12	Φ23	298.5	8	Φ22
250 10"	270	248	165	250	350	12	Φ23	355	12	Φ27	362	12	Φ25
300 12"	310	283	178	270	400	12	Φ23	410	12	Φ27	432	12	Φ25
350 14"	340	313	190	290	460	16	Φ23	470	16	Φ27	476	12	Φ29
400 16"	370	343	216	310	515	16	Φ27	525	16	Φ30	539.5	16	Φ29
450 18"	410	368	222	330	565	20	Φ27	585	20	Φ30	578	16	Φ32
500 20"	455	395	229	350	620	20	Φ27	650	20	Φ33	635	20	Φ32
600 24"	490	475	267	390	725	20	Φ30	770	20	Φ36	749.5	20	Φ35
700 28"	540	524	292	430	840	24	Φ30	840	24	Φ36	863	28	Φ35
800 32"	625	630	318	470	950	24	Φ33	950	24	Φ39	977.9	28	Φ41
900 36"	664	660	330	510	1050	28	Φ33	1050	28	Φ39	1086	32	Φ41
1000 40"	731	725	410	550	1160	28	Φ36	1170	28	Φ42	1200	36	Φ41
1200 48"	870	865	470	630	1380	32	Φ39	1390	32	Φ48	1422.5	44	Φ41
1400 56"	1000	1066	530	710	1590	36	Φ42	1590	36	Φ48	1651	44	Φ48
1600 64"	1150	1054	600	790	1820	40	Φ48	1820	40	Φ56			
1800 72"	1200	1164	670	870	2020	44	Φ48	2020	44	Φ56			
2000 80"	1360	1363	760	950	2230	48	Φ48	2230	48	Φ62			

*consult factory



STANDARDS

Design According to EN593

Test procedures are established according to standards EN 12266-1 and API 598.

Face to face according to standard EN558-1 Series 13 or 14.

Connetions according to standard EN-1092-2 ISO PN10 / PN16 / ANSI 150.

Maximum Working Pressure:10bar/16 bar.

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