

Ref:FD02-BV2DEF-1G
Ref:Initial
Page:1/1

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

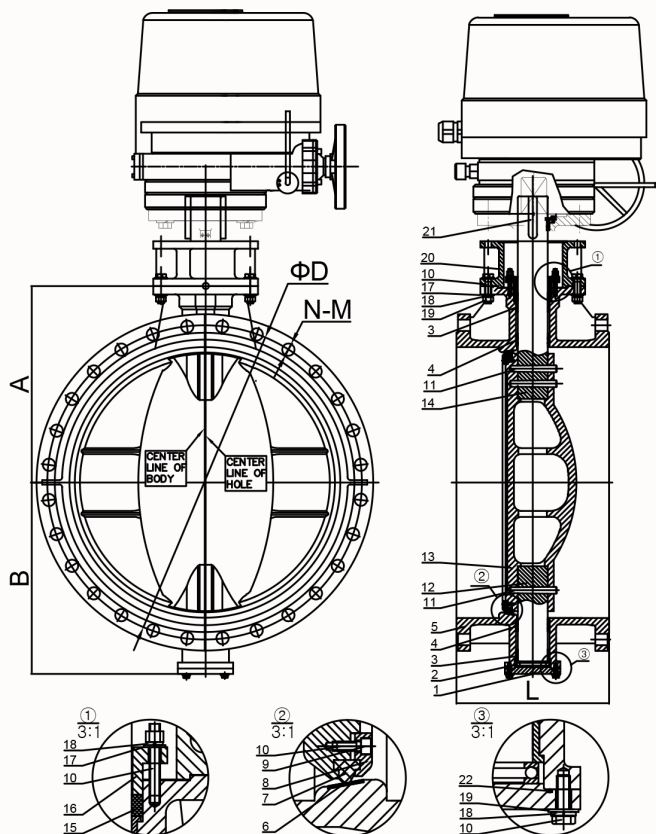
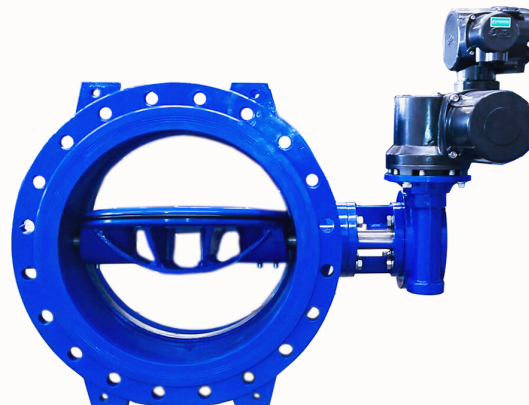
DN	A	B	L	PN10	PN16	ANSI 150
mm	inch		S13	S14	ΦD N M	ΦD N M
50	2"	140	98	108	150	125 4 Φ18
65	2.5"	140	108	112	170	145 4 Φ18
80	3"	140	115	114	180	160 8 Φ18
100	4"	155	138	127	190	180 8 Φ18
125	5"	165	165	140	200	210 8 Φ18
150	6"	190	173	140	210	240 8 Φ23
200	8"	235	225	152	230	295 8 Φ23
250	10"	270	248	165	250	350 12 Φ23
300	12"	310	283	178	270	400 12 Φ23
350	14"	340	313	190	290	460 16 Φ23
400	16"	370	343	216	310	515 16 Φ27
450	18"	410	368	222	330	565 20 Φ27
500	20"	455	395	229	350	620 20 Φ27
600	24"	490	475	267	390	725 20 Φ30

WORKING CONDITIONS

Maximum Working Pressure:10bar/16 bar.

Maximum Working Tempreature table

Sleeve type in option	Maximum Temperature	Peak Tempreature
EPDM	+4℃~+110℃	-20℃~+130℃
EPDM Blanc	+4℃~+110℃	-20℃~+130℃
CSM(Type Hypaion)	+4℃~+80℃	-20℃~+110℃
FPM (Type Viton)	-10℃~+170℃	-20℃~+200℃
Silione	-20℃~+170℃	-40℃~+200℃
Nitrile (NBR)	-10℃~+80℃	-20℃~+90℃



STANDARDS

Design According to EN593

Test procedures are established according to standards EN 12266-1 and API598.

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

Connetions according to standard EN-1092-2 ISO PN10

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