

Ref. : VP 4240-08.pas

Rev. : C

Date : 17/11/11

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DOUBLE EXCENTRIC TYPE BUTTERFLY VALVE WITH GEAR BOX TECWAT PN16

VP 4240-08



Tecofi'
FAREX FLUID SOLUTION DESIGNER

APPLICATION

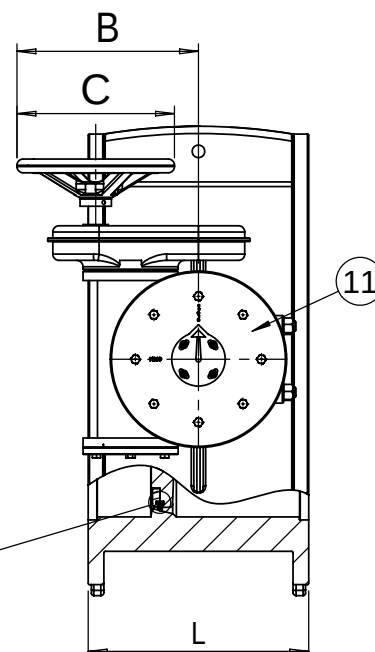
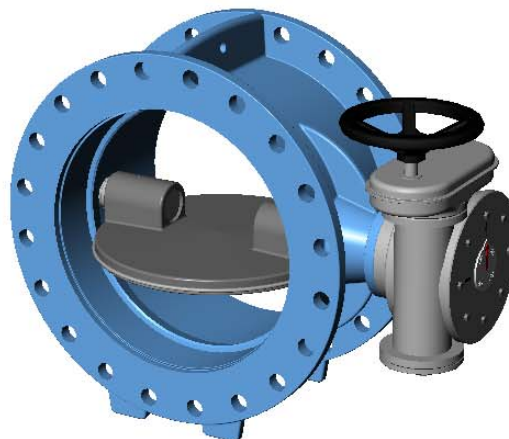
General use : potable water.

GENERAL CHARACTERISTICS

TECWAT type : long pattern.
Design in according to EN 593.
Range : from DN 150 to DN 1600.
Assembling with preferential sense
Bi-directional on demand.
Double excentric type.
Replaceable seat, no wrenkling possibility.
Food epoxy painting.

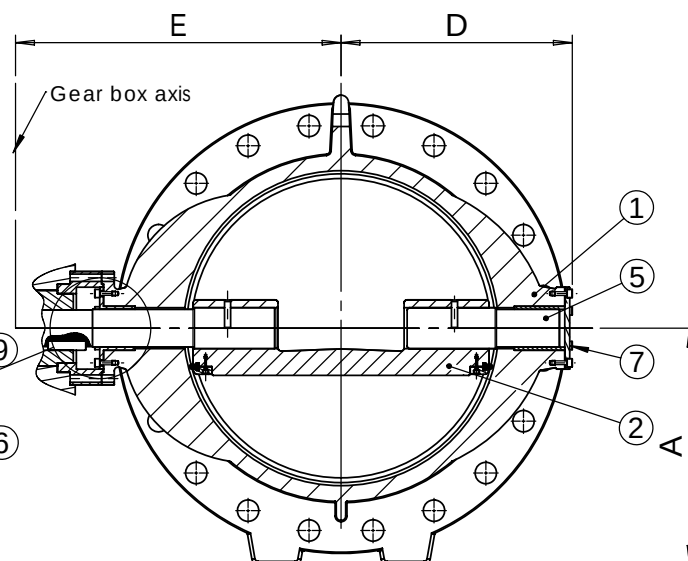
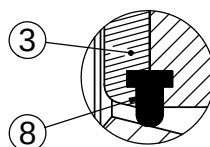
CONSTRUCTION

11	1	Gearbox		
10	2	Key	Steel Ck45	
9	2	O-ring	EPDM	
8	1	Sealing ring	EPDM	
7	1	Cover free end	Ductile iron EN-GJS-400-15	DIN: GGG 40 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
6	2	Bearing bush	Bronze + DELRIN	
5	1	Shaft free end	Stainless steel X20Cr13	DIN: 1.4021 ASTM: AISI 420 BS: 420 S 37
4	1	Shaft driven end	Stainless steel X20Cr13	DIN: 1.4021 ASTM: AISI 420 BS: 420 S 37
3	1	Retaining ring	Steel S235JR	
2	1	Disc	Ductile iron EN-GJS-400-15	DIN: GGG 40 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
1	1	Body	Ductile iron EN-GJS-400-15	DIN: GGG 40 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
Rep.	Nb.	Designation	Material	



DIMENSIONS

DN		L	A	B	C	D	E	Weight (kg)
mm	inch							
150	6"	210	143	193,5	245	151	255	45
200	8"	230	180	193,5	245	177	282	60
250	10"	250	213	217,5	245	214	352	96
300	12"	270	242	217,5	245	237	380	117
350	14"	290	272	295	370	283	410	169
400	16"	310	300	295	370	297	441	204
450	18"	330	330	295	370	333	485	246
500	20"	350	370	341	370	344	531	337
600	24"	390	432	341	370	414	594	447
700	28"	430	467	375	370	511	653	620
800	32"	470	525	375	370	530	743	804
900	36"	510	573	427	370	618	802	1096
1000	40"	550	638	427	370	650	854	1376
1200	48"	630	753	532,5	485	782	1008	2280
1400	56"	710	848	532,5	485	917	1101	3530
1600	64"	790	975	673,5	485	1115	1265	5150



WORKING CONDITIONS

Maximum working pressure : 16 bar.
Maximum temperature : + 80 °C.

STANDARDS

Design according to EN 593.
Test procedures are established according to standards
EN 12266-1 and API 598.
Face to face according to standard EN 558-1 serie 14.
Connections according to standard EN 1092-2
ISO PN16.

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