

DOUBLE EXCENTRIC TYPE BUTTERFLY VALVE WITH GEAR BOX TECWAT

VP 4241-08

Ref. : VP 4241-08.pas

Rev. : J

Date : 10/12/2015



PA Ventiler AB

GO WITH OUR FLOW

APPLICATION

General use : potable water.

GENERAL CHARACTERISTICS

TECWAT type : long pattern.
Design in according to EN 593.
Range : from DN 100 to DN 2000.
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	Stainless steel X20Cr13	DIN: 1.4021 ASTM: AISI 420 BS: 420 S 37
9	2	O-ring	EPDM	
8	1	Sealing ring	EPDM	
7	1	Cover free end	Ductile iron EN-GJS-500-7	DIN: GGG 50 ASTM: A536 70-50-05 BS: 1563 EN-JS1050
6	2	Bearing bush	Al-Bronze	
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	
2	1	Disc	Ductile iron EN-GJS-500-7	DIN: GGG 50 ASTM: A536 70-50-05 BS: 1563 EN-JS1050
1	1	Body	Ductile iron EN-GJS-500-7	DIN: GGG 50 ASTM: A536 70-50-05 BS: 1563 EN-JS1050
Rep.	Nb.	Designation	Material	

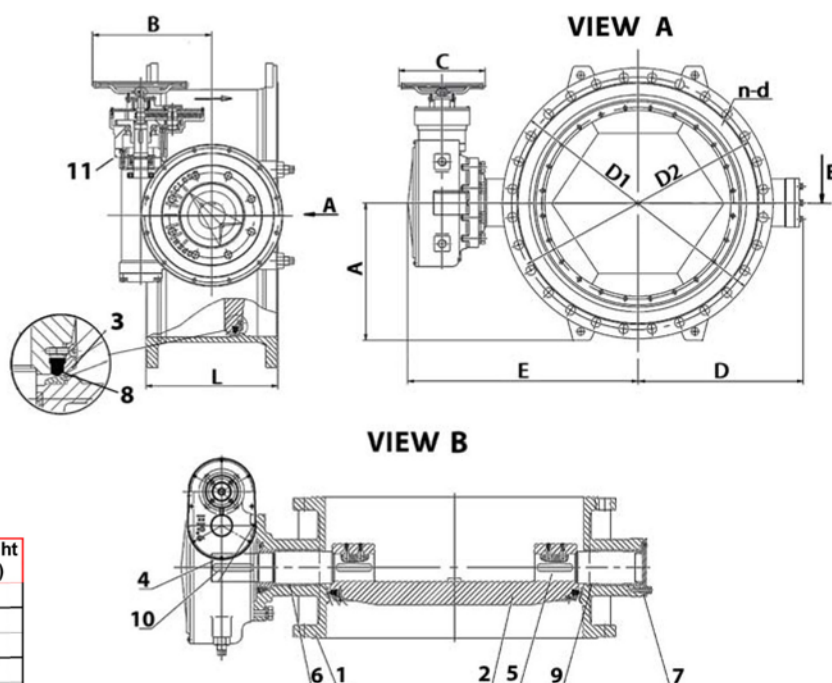
DIMENSIONS

DN	L	A	B	ØC	D	ØD1	ØD2	E	n-d	Weight (kg)
100 4"	190	117	133,2	180	133	220	180	284	8-Ø19	25
150 6"	210	147,5	133,2	180	164	285	240	315	8-Ø23	33
200 8"	230	175	184	240	198	340	295	392	12-Ø23	52
250 10"	250	207,5	253,4	320	230	405	355	488	12-Ø28	87
300 12"	270	235	253,4	320	254	460	410	511	12-Ø28	106
350 14"	290	265	320	400	295	520	470	607	16-Ø28	161
400 16"	310	295	320	400	334	580	525	637	16-Ø31	195
450 18"	330	325	320	240	368	640	585	688	20-Ø31	257
500 20"	350	362,5	348	400	400	715	650	730	20-Ø34	333
600 24"	390	425	348	400	480	840	770	748	20-Ø37	464
700 28"	430	460	385	400	563	910	840	840	24-Ø37	644
800 32"	470	517,5	385	400	623	1025	950	898	24-Ø41	863
900 36"	510	567,5	430	400	698	1125	1050	989	28-Ø41	1187
1000 40"	550	635,5	430	400	766	1255	1170	1082	28-Ø44	1508
1200 48"	630	747,5	515	400	910,5	1485	1390	1238	32-Ø50	2452
1400 56"	710	847,5	813	400	1063	1685	1590	1453	36-Ø50	3922
1600 64"	790	970	813	400	1172	1930	1820	1569	36-Ø57 / 4-M52	4682
1800 72"	870	1070	1025	600	1413	2130	2020	1902	36-Ø57 / 8-M52	6517
2000 80"	950	1177,5	1025	600	1583	2345	2230	2001	48-Ø62	8755

Gear box can accepts an electric actuator except for DN100-150

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.
Optional certificat of health conformity (ACS) by request.

