

DOUBLE EXCENTRIC TYPE BUTTERFLY VALVE WITH GEAR BOX TECWAT

VP 4251-08

Ref. : VP 4251-08.pas

Rev. : A

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PA Ventiler AB

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APPLICATION

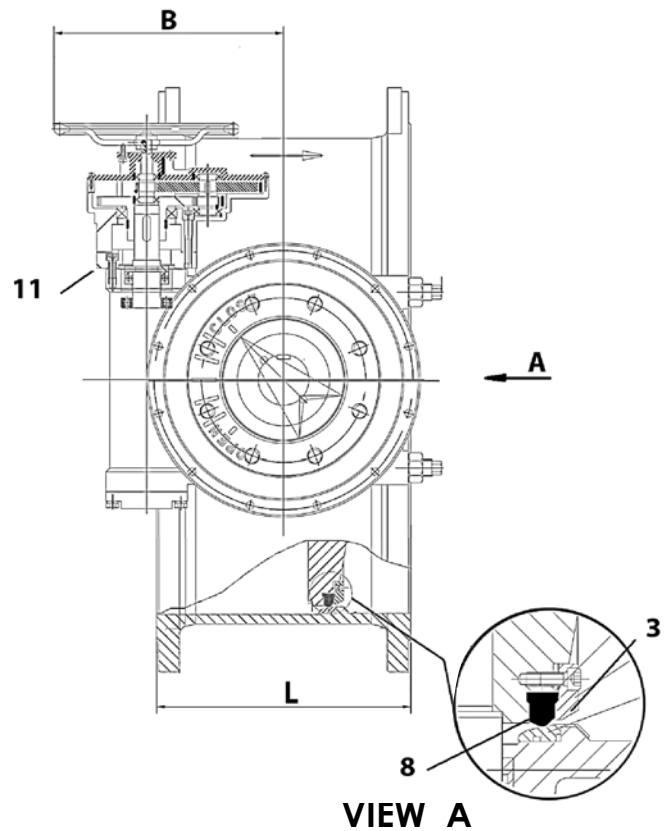
General use : potable water.

GENERAL CHARACTERISTICS

TECWAT type : long pattern.
 Design in according to EN 593.
 Range : from DN 200 to DN 1600.
 Assembling with preferential sense
 Bi-directional on demand.
 Double excentric type.
 Replaceable seat, no wrenkling possibility.
 Food epoxy painting.

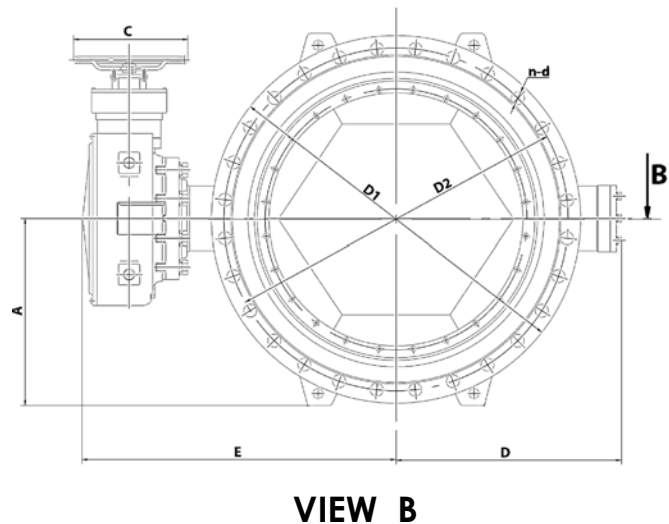
CONSTRUCTION

11	1	Gearbox		
10	2	Key	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	Steel	
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-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	ØC	D	ØD1	ØD2	E	n-d	Weight (kg)
mm	inch										
200	8"	230	190	173,4	320	221	360	310	365	12-Ø28	79
250	10"	250	220	173,4	320	254	425	370	402	12-Ø31	110
300	12"	270	250	220	400	298	485	430	459	16-Ø31	180
350	14"	290	285	220	400	318	555	490	512	16-Ø34	198
400	16"	310	315	248	400	370	620	550	575	16-Ø37	330
450	18"	330	340	248	400	406	670	600	585	20-Ø37	398
500	20"	350	370	285	400	453	730	660	659	20-Ø37	538
600	24"	390	427,5	285	400	495	845	70	740	20-Ø41	687
700	28"	430	485	330	400	569	960	875	829	24-Ø44	1075
800	32"	470	547,5	330	400	646	1085	990	925	24-Ø50	1325
900	36"	510	597,5	330	400	695	1185	1090	974	28-Ø50	1995
1000	40"	550	665	415	400	779	1320	1210	1144	24-Ø57 / 4-M52	2450
1200	48"	630	770	512	400	903	1530	1420	1349	32-Ø57	3822
1400	56"	710	882,5	512	400	1041	1755	1640	1475	36-Ø62	5250
1600	64"	790	992,5	645	600	1208	1975	1860	1644	36-Ø62 / 4-M56	7925

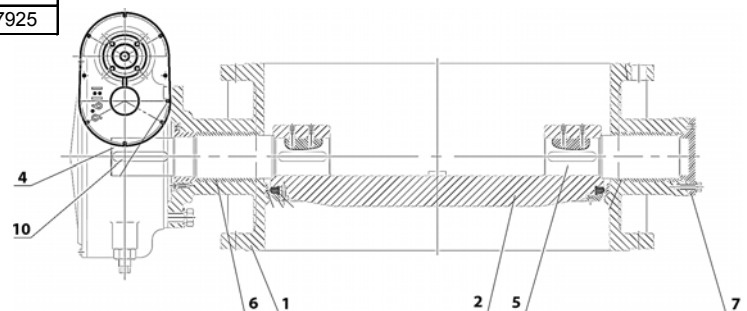


WORKING CONDITIONS

Maximum working pressure : 25 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 PN25.



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