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# DOUBLE FLANGE TYPE BUTTERFLY VALVE TECLARGE FL WITH ELECTRIC ACTUATOR AUMA

VPE 4549-U04



## APPLICATION

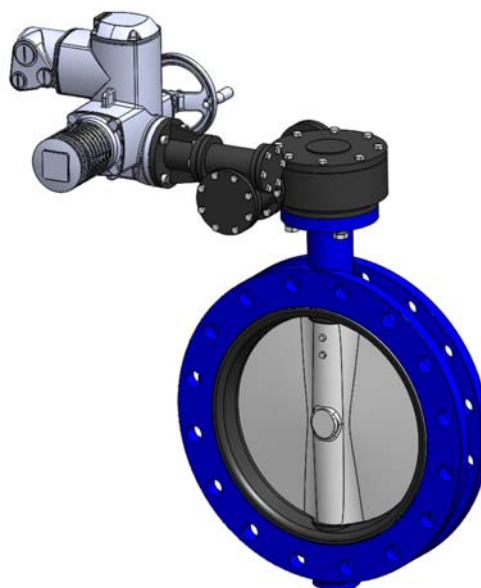
General use : water, sludge, etc.

## GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.  
Tightness in both ways.  
Sleeve internally reinforced in aluminium giving a low torque.  
Self lubricant bearing in copper alloy.

## CONSTRUCTION

11	1	Handwheel	
10	1	Electric atuator	AUMA
9	1	Cover	Ductile iron
8		Bushing	Copper alloy
7	1	O ring	NBR
6		Bushing	Copper alloy
5	1	Sleeve	Heat EPDM
4		Pin	Stainless steel 410
3	1	Disc	Stainless steel CF8M
2		Stem	Stainless steel 410
1	1	Body	Ductile iron EN-GJS400-15
Pos.	Q-ty	Description	Material



## WORKING CONDITIONS

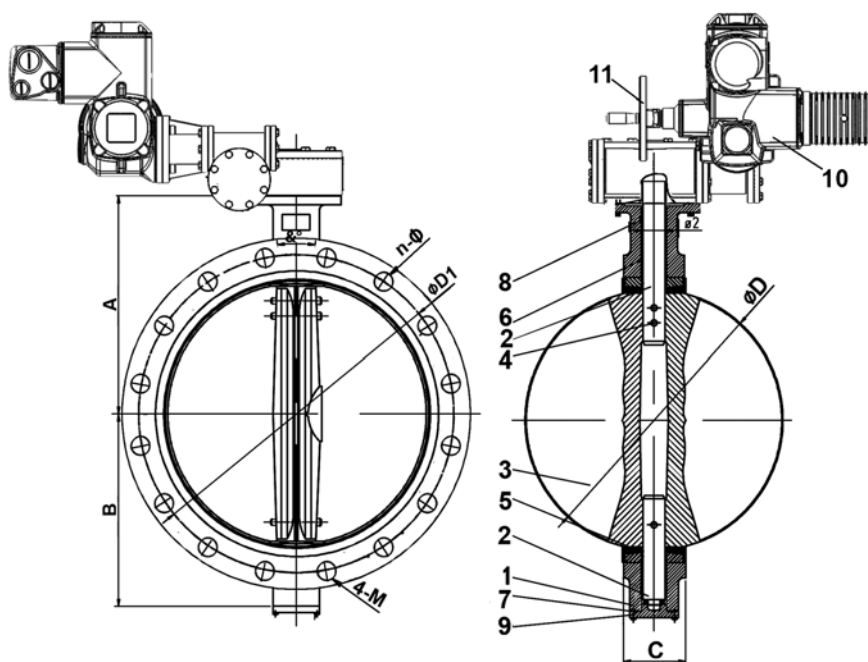
Maximum working pressure : 16 bar.  
Maximum working temperature : -15 °C / +130 °C.  
Peak temperature : -30°C / + 150°C

## STANDARDS

Manufacture according to the requirements of the European directive 2014/68/UE «Equipments under pressure» : modulate H.  
Pressure test according to standards EN 12266-1, DIN 3230, BS 5154 and ISO 5208 :

Body : 24 bar.  
Seat : 17.6 bar.

Face to face according to standard EN 558-1 serie 20, ISO 5752 serie 20 and DIN 3202.  
Flange type ISO PN16 connections according to standard EN 1092-2.



## DIMENSIONS

DN		A	B	C	ØD	Output flange		ØD1	n-Ø	4-M	α°	Actuator reference	Weight (kg)
mm	inch					ISO 5211	ISO 5210						
350	14"	368	275	76,5	333,5	F14	F10	460	16-28	-	22,5	SA07.2	110
400	16"	398	300	102	389,6	F14	F10	515	16-31	-	22,5	SA07.2	144
450	18"	428	328	114	440,5	F14	F10	565	20-31	-	18	SA07.2	170
500	20"	485	351	127	491,6	F14	F10	620	20-34	-	18	SA07.2	176
600	24"	568	440	151	592,5	F16	F10	725	20-37	-	18	SA07.6	308
700	28"	628	508	163	695	F25	F10	840	20-37	4-M33	15	SA10.2	478
800	32"	672	530	188	794,7	F25	F10	950	20-41	4-M36	15	SA14.2	615
900	36"	721	630	203	864,7	F25	F10	1050	24-41	4-M36	12,85	SA14.2	815
1000	40"	802	692	216	965	F25	F14	1160	24-44	4-M39	12,85	SA14.2	1040
1200	48"	948	844	276	1160,6	F30	F14	1380	28-50	4-M45	11,25	SA14.2	1424

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