

Ref. : VPE 4549-N07

Rev. : Initial

Date : 08/03/2017

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# DOUBLE FLANGE TYPE BUTTERFLY VALVE TECLARGE FL WITH SINGLE ACTING PNEUMATIC ACTUATOR

VPE 4549-N07



## 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

10	1	Pneumatic actuator	
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
<b>Pos.</b>	<b>Q-ty</b>	<b>Description</b>	<b>Material</b>

## 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 PN16connections according to standard EN 1092-2.

## DIMENSIONS

DN		A	B	C	ØD	Mounting plate		ØD1	n-Ø	Actuator reference	H	M	N	Weight (kg)
mm	inch					valve side	Actuator side							
350	14"	368	275	76,5	333,5	F14	F16	470	16-28	TSR270	406	273	718	208
400	16"	398	300	102	389,6	F14	F16	525	16-31	TSR350	491	385	845	312
450	18"	428	328	114	440,5	F14	F25	585	20-31	TSR400	557	520	956	434
500	20"	485	351	127	491,6	F14	F25	650	20-34	TSR400	557	520	956	440
600	24"	568	440	151	592,5	F16	-	770	20-37	-	-	-	-	-

