

Ref. : VPN 3448-UX4.pas

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**BUTTERFLY VALVE
WITH ELECTRIC
ACTUATOR****VPN 3448-UX4**
Tecofi'
VALVE DESIGNER - FRANCE
APPLICATION

General use : water, air, acids etc...
"Non suitable for steam application"

CARACTERISTIQUES GENERALES

Design according with BS EN 593.
Type with lugs, tightness in both ways.
Sleeve in dovetail shape ensures a perfect assembling
(for high vacuum we can stick it). High and low semi
stem giving a high flow coefficient, machined disc on
periphery giving a low and regular torque. Unejectable stem,
dovetail type sleeve, mounting flange according to ISO 5211.
Operating by electric actuator "AUMA".

PRODUCT REFERENCE

VPN 3448-UX4	ACTUATOR TYPE
VPN 3448-U04	AUMA 400V 3 PH
VPN 3448-U24	AUMA 230V 1 PH

**CONSTRUCTION**

12	1	Electric actuator	AUMA	
11	1	Nameplate	Stainless steel 304	
10	2	Circlip	Steel	
9	1	Bottom cover	PE	
8	2	O ring	EPDM	
7	1	Antidust ring	NBR	
6	1	Anti blowout ring	Stainless steel 420	DIN : 1.4021 ASTM : AISI 420 BS : 420 S 37
5	1	Upper stem	Stainless steel 420	DIN : 1.4021 ASTM : AISI 420 BS : 420 S 37
4	1	Lower stem	Stainless steel 420	DIN : 1.4021 ASTM : AISI 420 BS : 420 S 37
3	1	Sleeve	EPDM CH	In standard
2	1	Disc	Ductile iron EN GJS-400-15	DIN: GGG 40 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
1	1	Body	Cast iron EN-GJL-250	DIN : GG25 ASTM : A48 class 40B BS : 1452 Grade 250
Pos.	Q-ty	Description	Material	

DIMENSIONS

DN	A	B	C	Electric actuator	ØP	V1	V2	W1	W2	X	Weight (kg)
mm	inch										
40**	1 1/2	134,0	58	34,0	230V 1PH 50Hz or 400V 3PH 50Hz	SG03.3	100	215	166	210	9,7
50	2"	139,7	65	41,8			100	215	166	210	10,3
65	2 1/2	152,4	73	45,3			100	215	166	210	10,7
80	3"	158,8	85	45,3			100	215	166	210	11,3
100	4"	178,0	100	51,5	230V 1PH 50Hz 400V 3PH 50Hz	SG04.3	100	215	166	210	12,1
						SG04.3					
125	5"	190,5	115	54,5	230V 1PH 50Hz 400V 3PH 50Hz	SQ05.2	160	191	71	210	24,0
						SQ05.2	160	249	265	238	29,0
150	6"	203,0	120	54,5	230V 1PH 50Hz 400V 3PH 50Hz	SG05.2	160	191	71	210	24,9
						SQ05.2	160	249	265	238	29,9
200	8"	238,0	160	59,6	230V 1PH 50Hz 400V 3PH 50Hz	SQ07.2	160	191	71	210	30,1
						SQ07.2	160	249	265	238	35,6
250	10"	268,3	195	68,0	230V 1PH 50Hz 400V 3PH 50Hz	SQ07.2	160	191	71	210	37,0
						SQ07.2	160	249	265	238	42,5
300	12"	306,4	230	78,0	230V 1PH 50Hz 400V 3PH 50Hz	SQ10.2	160	216	94	220	52,8
						SQ10.2	160	249	265	238	52,3

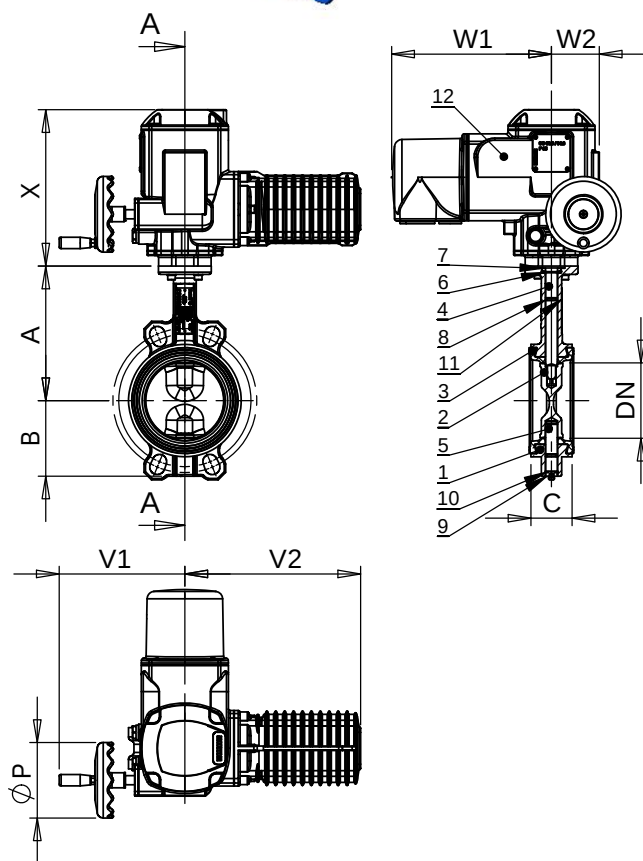
Maximum differential pressure: 16 bar

** Can be installed between DN32 flanges

WORKING CONDITIONS

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

Sleeve types in option	Maximum temperature	Peak temperature
EPDM	+4°C / +110°C	-20°C / +130°C
EPDM Blanc	+4°C / +110°C	-20°C / +130°C
CSM (Type Hypalon®)	+4°C / +80°C	-20°C / +110°C
FPM (Type Viton®)	-10°C / +170°C	-20°C / +200°C
Silicone	-20°C / +170°C	-40°C / +200°C
Nitril (NBR)	-10°C / +80°C	-20°C / +90°C

**STANDARDS**

Manufacture according to the requirements of the European directive 2014/68/UE «Equipment under pressure»: modulate H. Face to face according to standards NF EN 558-1 serie 20, ISO 5272 série 20, DIN 3202.

Mounting between flanges PN 10 / PN 16: according to EN 1092-2, BS 450, ANSI B16.1-5.

Adjustable between flanges ASME B16.5 Class 150 and JIS 10K. Pressure test according to standards EN 12266-1, DIN 3230, BS 6755 and ISO 5208 :

Corps: 24 bar
Siège: 17.6 bar

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