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# BUTTERFLY VALVE WITH ELECTRIC ACTUATOR

## VPN 3442-UX4



### APPLICATION

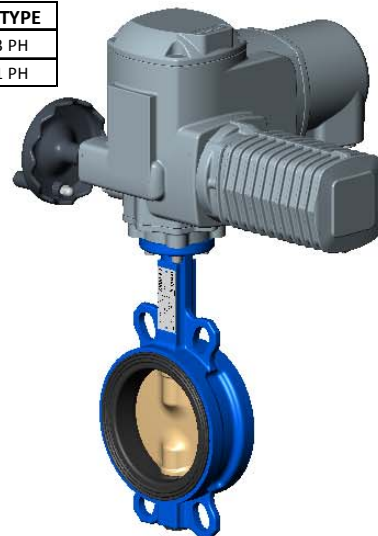
General use : water, sea water...  
"Non suitable for steam application"

### 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 3442-UX4	ACTUATOR TYPE
VPN 3442-U04	AUMA 400V 3 PH
VPN 3442-U24	AUMA 230V 1 PH



### CONSTRUCTION

Pos.	Q-ty	Description	Material
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	Cu Al10 Ni5 Fe4
1	1	Body	EN-GJL-250 DIN : GG25 ASTM : A48 class 40B BS : 1452 Grade 250

### DIMENSIONS

DN	A	B	C	Electric actuator	ØP	V1	V2	W1	W2	X	Weight (kg)		
40**	1 1/2	134,0	58	34,0	230V 1PH 50Hz or 400V 3PH 50Hz	SG03.3	100	215	166	210	42	205	9,7
50	2"	139,7	65	41,8			100	215	166	210	42	205	10,3
65	2 1/2	152,4	73	45,3			100	215	166	210	42	205	10,7
80	3"	158,8	85	45,3			100	215	166	210	42	205	11,3
100	4"	178,0	100	51,5	230V 1PH 50Hz	SG04.3	100	215	166	210	42	205	12,1
					400V 3PH 50Hz	SG04.3	100	215	166	210	42	205	12,1
125	5"	190,5	115	54,5	230V 1PH 50Hz	SQ05.2	160	191	71	210	375	275	24,0
					400V 3PH 50Hz	SQ05.2	160	249	265	238	50	344	29,0
150	6"	203,0	120	54,5	230V 1PH 50Hz	SG05.2	160	191	71	210	375	275	24,9
					400V 3PH 50Hz	SQ05.2	160	249	265	238	50	344	29,9
200	8"	238,0	160	59,6	230V 1PH 50Hz	SQ07.2	160	191	71	210	375	275	30,1
					400V 3PH 50Hz	SQ07.2	160	249	265	238	50	370	35,6
250	10"	268,3	195	68,0	230V 1PH 50Hz	SQ07.2	160	191	71	210	375	275	37,0
					400V 3PH 50Hz	SQ07.2	160	249	265	238	50	370	42,5
300	12"	306,4	230	78,0	230V 1PH 50Hz	SQ10.2	160	216	94	220	385	291	52,8
					400V 3PH 50Hz	SQ10.2	200	254	265	248	65	361	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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