

**BUTTERFLY VALVE
WITH GEAR BOX****VP 3448-08ACS**
Tecofi'
 VALVE DESIGNER - FRANCE
APPLICATION

General use : drinking water.

GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.
 TECFLY type with lugs enabling use on bottom line.
 Tightness in both ways.
 ACS certified sleeves body in dovetail shape ensures a perfect assembling.
 Stem: high and low semi stem giving a high flow coefficient.
 Machined disc with on periphery giving a low and regular torque.
 ACS food epoxy painting disc.
 Stem unjectable, bearing:stainless steel teflon lined.
 Dovetail type sleeve, mounting flange according to ISO 5211.

CONSTRUCTION

12	4	Screw CHC	Stainless steel A2	
11	4	Washer	Stainless steel A2	
10	1	Gear box	Cast iron	
9	2	Split pin	Stainless steel	
8	1	Gasket	NBR	
7	2	O-ring	NBR	
6	2	Guiding bearing	Teflon-lined	
5	1	Upper stem	Stainless steel 416	DIN: 1.4005 ASTM: AISI 416 BS: 416 S21
4	1	Lower stem	Stainless steel 416	DIN: 1.4005 ASTM: AISI 416 BS: 416 S21
3	1	Sleeve	ACS EPDM	
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.	Qty.	Description	Material	

DIMENSIONS

DN	L	G	H	H1	V	ØP	TYPE	Weight (kg)
40 – 1"1/2	33	66	249	134	148	150	F07	7,4
50 – 2"	43	72	255	140	148	150	F07	8,0
65 – 2"1/2	46	78	268	153	148	150	F07	8,6
80 – 3"	46	89	274	159	148	150	F07	9,2
100 – 4"	52	102	293	178	148	150	F07	10,6
125 – 5"	56	117	305	190	148	300	F07	12,4
150 – 6"	56	130	318	203	148	300	F07	13,9
200 – 8"	60	159	430	238	238	300	F10	26,9
250 – 10"	68	190	460	268	238	300	F10	36,9
300 – 12"	78	222	495	306	226	300	F10	47,3

STANDARDS

Manufacture according to the requirements of the European directive 2014/68/UE «Equipments under pressure» : category III modulate H.

Face to face according to standard NF EN 558-1 serie 20, ISO 5752 serie 20, DIN 3202.

Mounting between flanges PN10 / PN16 : according to EN 1092-2, BS450, ANSI B16.1-5.

Adjustable between flanges ASA 150.

PN20 on request with ductile iron body.

Certificat of health conformity n° 11 ACC LY 080.

WORKING CONDITIONS

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

Pressure test according to standards
 EN 12266-1, DIN 3230, BS 6755 and ISO 5208 :
 Body : 24 bar.
 Seat : 17,6 bar.

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