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BUTTERFLY VALVE WITH GEAR BOX

VPB 3448-08

ISO 9001
BUREAU VERITAS
Certification



ERL



Tecofi'
VALVE DESIGNER - FRANCE

APPLICATION

General use : heating, ventilation and air-conditioning.

GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.
Type with lugs enabling use on bottom line.
Tightness in both ways according to NF EN 12266-2.
Stainless steel stem.
Internally reinforced resin sleeve giving a lower torque.
Mounting plate according to ISO 5211.
With gear box.

CONSTRUCTION

9	1	Gear box		
8	1	Circlip	Steel	
7	1	O-ring	NBR	
6	1	Guiding bearing	PTFE	
5	1	Guiding bearing	PTFE	
4	1	Stem	Stainless steel 416	DIN: 1.4005 ASTM: AISI 416 BS: 416 S21
3	1	Sleeve	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.	Q-ty	Designation	Material	

DIMENSIONS

DN	L	G	H	H1	V	ØP	ØD1	Type	Weight (kg)
200 - 8"	60.6	174.1	304.1	230.6	218	300	236.8	F10	23.9
250 - 10"	67	206.2	333.9	269.9	238	300	291	F10	30.9
300 - 12"	76.9	248.5	391.8	327.8	226	300	342.8	F10	40.9

Weight = valve + gear box

WORKING CONDITIONS

Maximum working pressure : 16 bar.
Maximum temperature : -20°C / +110°C.
Peak temperature : +120°C.

Pressure test according to standard
EN 12266-1 :

Body : 24 bar.
Seat : 17,6 bar.

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.
Adjustable between flanges ASA 150 according to ASME B16.5.

