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BUTTERFLY VALVE WITH GEAR BOX

VPB 4649-08

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 threaded lugs allowing screw assembling.
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	Stainless steel GX5CrNiMo 19-11-2	DIN: G-X66CrNiMo 18 10 ASTM: A 351 Grade CF8M BS: 504 316 C16
1	1	Body	Ductile iron EN-GJS-400-15	DIN: GGG 40 ASTM: A536 65-45-12 BS: 1563 EN-JS1030
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	238	300	236,8	F10	27.18
250 - 10"	67	206.2	333.9	269.9	238	300	291	F10	37.54
300 - 12"	76.9	248.5	391.8	327.8	226	300	342,8	F10	46.09

Weight = valve + gear box

WORKING CONDITIONS

Maximum working pressure : 10 bar

Maximum temperature : -20°C / +110°C.

Peak temperature : +120°C.

STANDARDS

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

Pressure test according to standard EN 12266-1:

Body : 15 bar.

Seat : 11 bar.

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

Mounting between flanges PN10 according to : EN 1092-2.

