CLASS 150 HIGH PERFORMANCE BUTTERFLY VALVES TECSUP TYPE
VP 5441-02

Ref. : VP 5441-02.pas
Rev. : C
Date : 17/06/09

PA Ventiler AB

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APPLICATION

General use : Liquids, steam, gases, fluids in thermal power plants, petrochemical industries...

GENERAL CHARACTERISTICS

From DN 50 to DN 150.
Wafer.
Bi-directional sealing.
Double offset disc.
Lever.

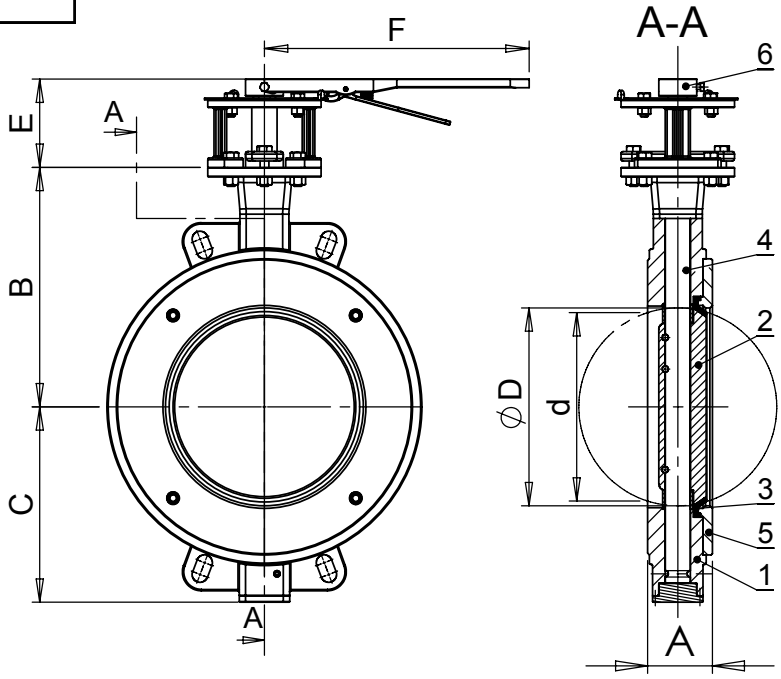
CONSTRUCTION

Pos.	Qty.	Description	Material	
6	1	Handle	Steel	
5	1	Seat retainer	Stainless steel CF8M	
4	1	Seat	PTFE / Stainless steel	
3	1	Stem	Stainless steel 17-4PH	
2	1	Disc	Stainless steel 316	DIN: GX5CrNiMo 19-11-2 ASTM: Grade A351 CF8M BS: 316 C16
1	1	Body	Steel A216 WCB	DIN: GS-C25 ASTM: A216 Grade WCB BS: 161 Grade 430E

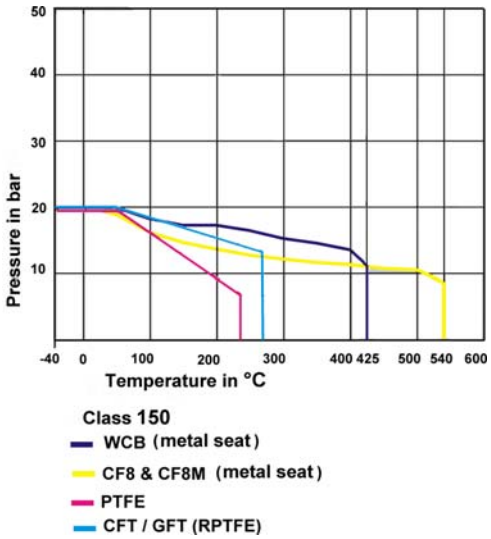
DIMENSIONS

DN mm	DN inch	A	B	C	Ø D	d	E	F	Weight (kg)
50	2"	43	145	105	60	47.5	30	300	4,5
65	2"1/2	46	155	115	73	58	30	300	6,5
80	3"	48	165	125	89	70	30	300	7,5
100	4"	54	185	135	114	87	30	300	9,5
125	5"	57	200	155	142	117	30	300	13
150	6"	57	215	175	168	141	30	300	15

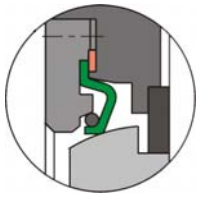
Internal diameter of pipe should be at least 3 mm more than 'd'.



WORKING CONDITIONS



Test procedures are established according to standards API 598 and FCI 70-2 rate IV.
Body : 30 bar.
Seat : 22 bar.
Metal seat : 4 bar.



Metal / metal tightness

PTFE tightness

STANDARDS

Design according to standard API 609.
Face to face according to standard API 609
Between flanges ends according to standard ASME B 16.5 Class 150.