FLANGED BUTTERFLY VALVE

TECHNICAL PASSPORT

BUTTERFLY VALVE WITH HANDLE
FLANGED MODEL TECFLY
DUCTILE IRON BODY

VP 4509A-02

APPLICATION

The VP butterfly valves are intended to be used in ON/OFF mode or regulation in the fluid transfer circuits.

Area of use: water treatment, pumping irrigation.

Fluids: cold water, hot water, waste water, liquid discharges, alkalis, sodium hydroxide, etc.

GENERAL CHARACTERISTICS

Range: from DN200 to DN300.
Design according to NF EN 593.
Sleeve ensuring tightness in both directions.
Crossing stem. Profiled and reduced thickness disc ensuring a reduced operating torque.
Flanged connection ISO PN10.
Standardized mounting plate according to ISO 5211.

WORKING CONDITIONS

Maximum working pressure : 10 bar

Maximum working temperature : -15°C / +130°C
Peak temperature: -30°C / +150°C

STANDARDS

Design	Manufacture according to the requirements of the European directive n° 2014/68/UE «Equipment under pressure» : modulate H.
Face to face	Face to face dimensions according to NF EN 558-1 series 20, ISO 5752 series 20, DIN 3202.
Connection	Flanged type ISO PN10 according to EN1092-2.
Tests	Pressure test according to standards EN12266-1, DIN 3230 and ISO 5208: -Body : 15 bar -Seat : 11 bar

PRODUCT APPROVALS

CE EAC

The photographs and technical art works are not contractual. The specifications of the presented products are open to modifications without previous advice

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ISO 9001
ISO 14001
BUREAU VERITAS Certification

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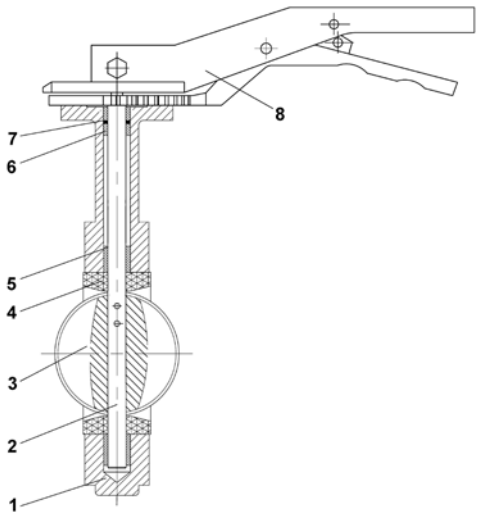
CONSTRUCTION



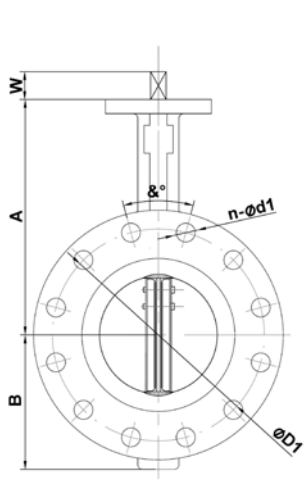
Pos.	Q-ty	Description	Material	Equivalences		
				DIN	ASTM	BS
1	1	Body	Ductile iron EN-GJS-400	GGG40	A536 65-45-12	EN-JS1030
4	1	Stem	Stainless steel 410	X12Cr13		
2	1	Disc	Stainless steel CF8M	G-X6CrNiMo18 10	A 351 Grade CF8M	1504 316 C16
3	1	Sleeve	HEAT EPDM			
5	2	Bushing	FRP			
6	2	Bushing	FRP			
7	1	O ring	NBR			
8	1	Handle	Ductile iron			

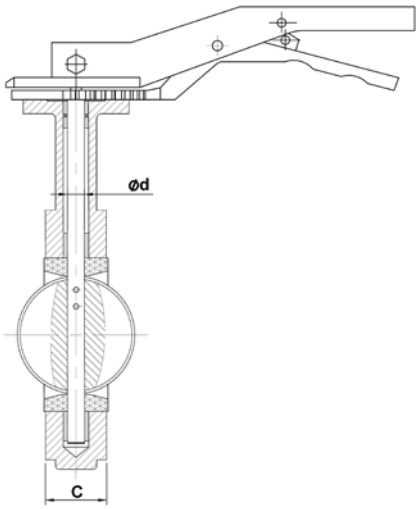
Component	Coating
Body	Epoxy powder RAL 5015 250 microns

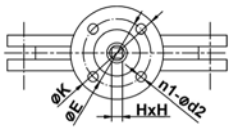
Anticorrosion protection system:

The valve body is coated with a paint system corresponding to a C5 – Medium durability (C5M) classification, in accordance with the principles of NF EN ISO 12944.

DIMENSIONS







DN		A	B	C	Ød	ISO	ØK	ØE	n1-Ød2	ØD1	n-Ød1	&°	H	W	Torque, Nm		Weight (kg)
mm	inch														0-5 bar	10 bar	
200	8"	260	173	60.6	22.1	F10	125	102	4-Ø12	295	8-Ø23	45	17	45	165	201	19.70
250	10"	292	203	65.6	28.5	F10	125	102	4-Ø12	350	12-Ø23	30	22	45	253	310	31.90
300	12"	337	242	76.9	31.6	F10	125	102	4-Ø12	400	12-Ø23	30	22	45	352	473	51.50

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