

FLANGED TYPE BUTTERFLY VALVE SERIES 13

TECHNICAL PASSPORT

VP 4200A-08

BUTTERFLY VALVE - DUCTILE IRON BODY WITH GEARBOX - FLANGED TYPE PN10

APPLICATION

Blocking and regulation for fluid transfer circuits.

Areas of use: seawater desalination, water networks, drainage systems, water treatment, petrochemical and naval industries.



Fluids: seawater, cold water, low-load wastewater.

GENERAL CHARACTERISTICS

Dimension : DN600

- Design according to NF EN 593-2017
- Epoxy-coated ductile iron body
- Mirror-polished SUPER DUPLEX disc
- DUPLEX stem
- Soft seat
- Bidirectional seal
- Simple design extremely reliable, easy maintenance
- Low operating torque
- ISO5211 F16 standardized baseplate
- IP68 manual gearbox with hand wheel
- With visual position indicator

STANDARDS

Design	Design according to BS EN593.
Face-to-face	Face-to-face according to NF EN 558 serie 13.
Connection	Flange connection PN10 in accordance with standard EN1092-2
Tests	Test procedures are established according to standards EN12266-1, DIN 3230, BS 5154 and ISO 5208: - Body: 15 bar - Seat: 11 bar



APPROVALS OF PRODUCTS



Tecofi France

83 rue Marcel Mérieux - 69960 Corbas
Tél. +33 (0)4 72 79 05 79 - Fax. +33 (0)4 78 90 19 19
E-mail: sales@tecofi.fr - www.tecofi.fr

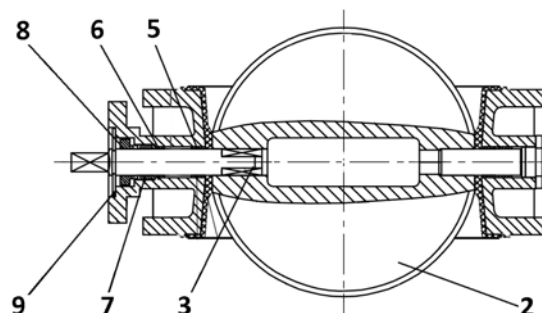
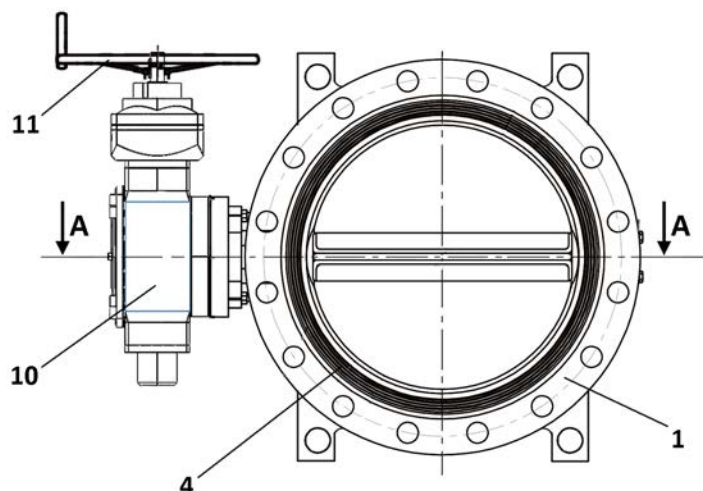


FLANGED TYPE BUTTERFLY VALVE SERIES 13

TECHNICAL PASSPORT

VP 4200A-08

CONSTRUCTION



A-A

Component	Coating
Body (1)	Epoxy powder RAL5015 thickness 250 microns
Gearbox (10)	Epoxy powder RAL7037 thickness 140 microns
Handwheel (11)	Black paint applied by electrophoresis

Pos.	Description	Material
1	Body	Ductile iron GGG40 / EN-GJS-400-15 / ASTM A536-45-12
2	Disc	Super Duplex 2507 / ASTM A182 F53 / UNS S32750
3	Shaft	Duplex 2205 / ASTM A182 F51 / UNS S31803
4	Seat	EPDM (Ethylene Propylene Diene Monomer)
5	Bushing	PTFE (Polytetrafluorethylene)
6	Packing shore	Bronze
7	Packing	NBR (Nitrile)
8	Packing gland	Ductile iron GGG40 / EN-GJS-400-15 / ASTM A536-45-12
9	Card board	Cast iron GG25 / EN-GJL-250 / ASTM A48 class 40B
10	Gearbox	Cast iron GG25 / EN-GJL-250 / ASTM A48 class 40B
11	Handwheel	Aluminium

Tecofi France

83 rue Marcel Mérieux - 69960 Corbas
Tél. +33 (0)4 72 79 05 79 - Fax. +33 (0)4 78 90 19 19
E-mail: sales@tecofi.fr - www.tecofi.fr

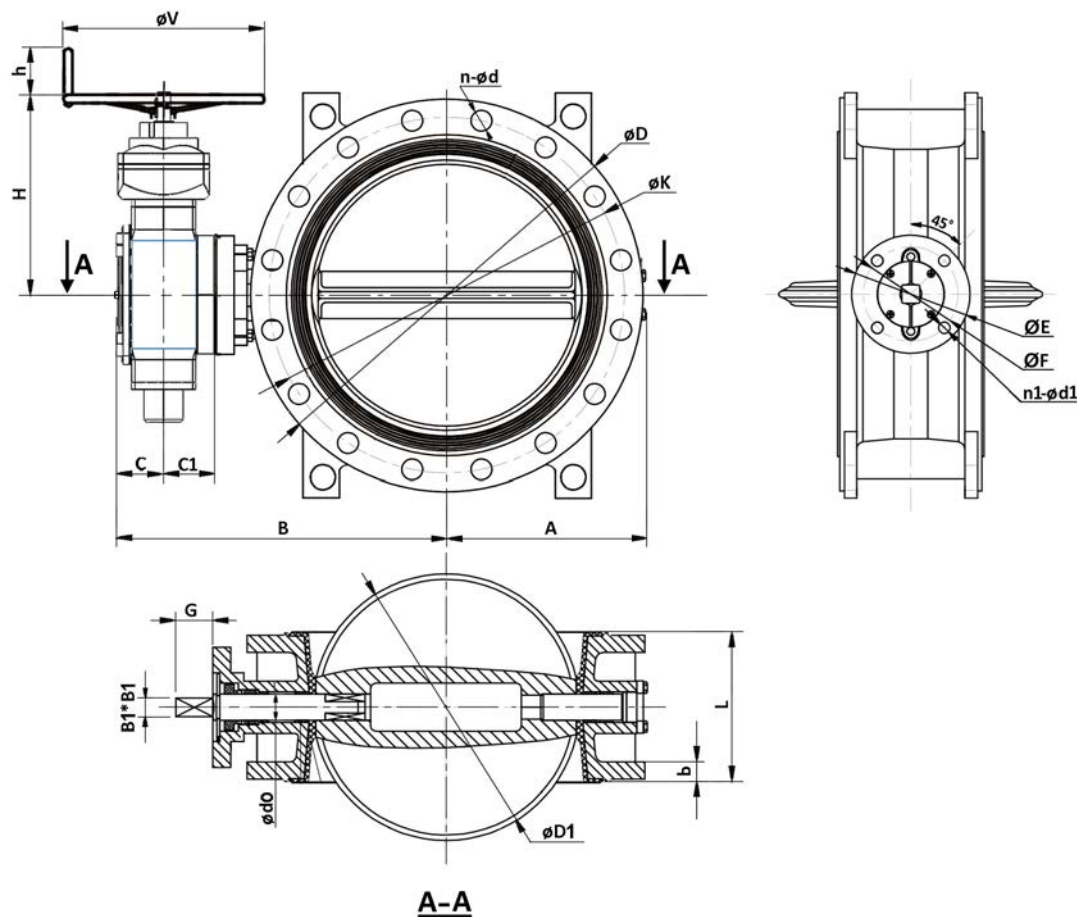


FLANGED TYPE BUTTERFLY VALVE SERIES 13

TECHNICAL PASSPORT

VP 4200A-08

DIMENSIONS



DN		A	B	C	C1	ϕD	$\phi D1$	ϕK	$n-\phi d$	H	ϕV	h	L	b	$\phi d0$	Weight (kg)
mm	inch															
600	24"	410	642	67	75	780	592.5	725	20- $\phi 31$	250	400	90	267	30	50.62	224

Valve outlet plate

DN		G	B1*B1	ϕE	ϕF	$n1-\phi d1$	Torque Nm
mm	inch						
600	24"	60	36*36	210	165	4- $\phi 23$	2200

Tecofi France

83 rue Marcel Mérieux - 69960 Corbas
Tél. +33 (0)4 72 79 05 79 - Fax. +33 (0)4 78 90 19 19
E-mail: sales@tecofi.fr - www.tecofi.fr



FLANGED TYPE BUTTERFLY VALVE SERIES 13

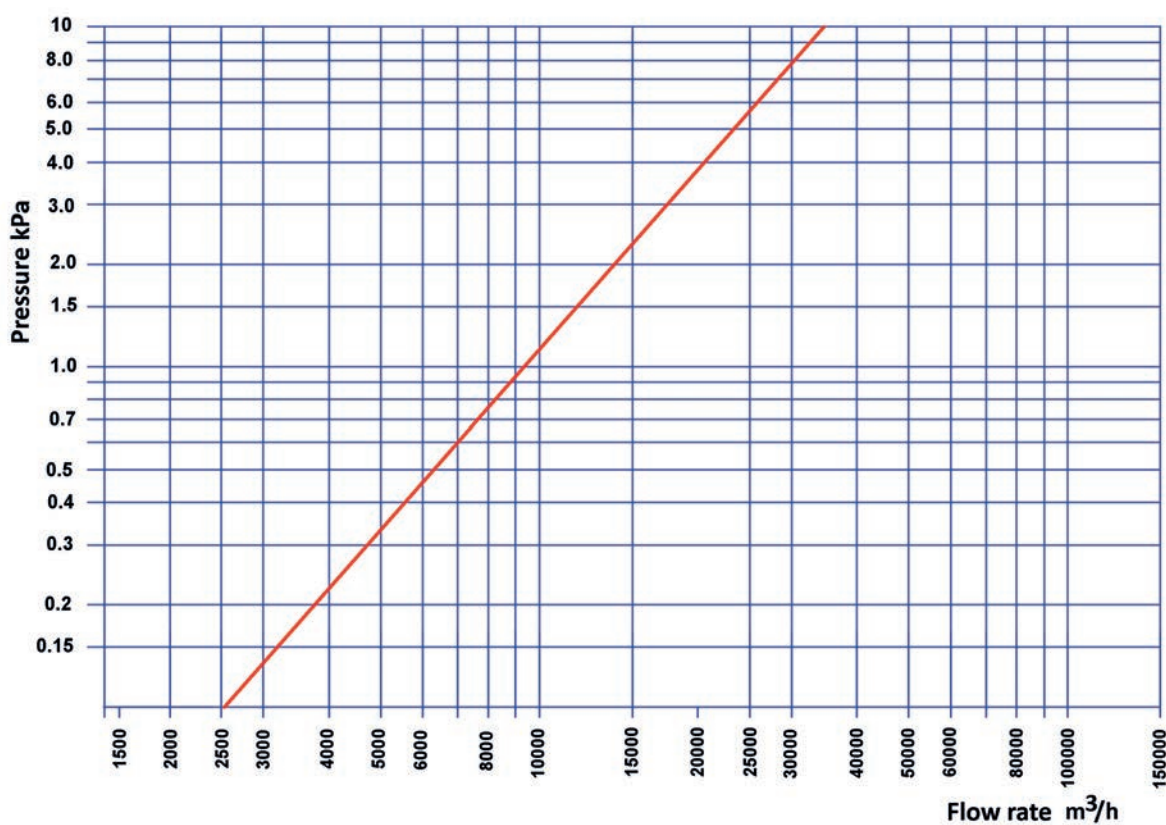
TECHNICAL PASSPORT

VP 4200A-08

WORKING CONDITIONS

Maximum working pressure: 10 bar
Maximum working temperature: -10°C / +110°C

HEAD LOSSES DIAGRAM



Tecofi France

83 rue Marcel Mérieux - 69960 Corbas
Tél. +33 (0)4 72 79 05 79 - Fax. +33 (0)4 78 90 19 19
E-mail: sales@tecofi.fr - www.tecofi.fr

