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Page : 1/1

FLANGED TYPE BUTTERFLY VALVE WITH GEAR BOX TECLARGE FL

VP 3508-08



ROBINETTERIE INDUSTRIELLE ET ACCESSOIRES
INDUSTRIAL VALVES AND ACCESSORIES

APPLICATION

General use : water, sludge, etc.

GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.

Tightness in both ways, NF EN 12266-1, ISO 5208, DIN 3230.

Two kinds of sleeve:

- body in dovetail shape ensures a perfect assembling (for high vacuum we can stick it),
- sleeve internally reinforced in resin giving a low torque.

Stem: half stem high and low or crossing stem depending on the diameter.

Coupling stem on butterfly assembled by blind screw.

Self lubricant bearing in copper alloy.

Supplementary tightness on stem by o'rings.

Dovetail type sleeve.



CONSTRUCTION

7	1	Gear box		
6	2	Bottom cover	Cast iron EN-GJL-250	DIN: GG25 ASTM: A48 class 40B BS: 1452 Grade 250
5	1	Upper stem	Stainless steel 410	DIN: 1.4006 ASTM: AISI 410 BS: 410 S 21
4	1	Lower stem	Stainless steel 410	DIN: 1.4006 ASTM: AISI 410 BS: 410 S 21
3	1	Sleeve	EPDM	
2	1	Disc	Ductile iron EN-GJS-400-15	DIN: GGG 40 ASTM: A536 65-45-12 BS: EN-JS1030
1	1	Body	Cast iron EN-GJL-250	DIN: GG25 ASTM: A48 class 40B BS: 1452 Grade 250
Rep.	Nb.	Designation	Material	

DIMENSIONS

DN		Upper flange					Valve dimensions						
							PN10**						
mm	inch	ISO	ØD	Ø D1	n x Ø N		G	H	L	Ø K	n1 x Ø M	n2 x Ø L	Weight (kg)
350	14"	F10	125	102	4 x Ø12		267	368	78(92)*	460	4 x M 20	12 x Ø22	84
400	16"	F14	175	140	4 x Ø18		309	400	102	515	4 x M 24	12 x Ø26	128
450	18"	F14	175	140	4 x Ø18		328	422	114	565	4 x M 24	16 x Ø26	204
500	20"	F14	175	140	4 x Ø18		361	480	127	620	4 x M 24	16 x Ø26	234
600	24"	F16	210	165	4 x Ø23		459	562	154	725	4 x M 27	16 x Ø30	336
700	28"	F25	300	254	8 x Ø18		520	624	165	840	4 x M 27	20 x Ø30	504
800	32"	F25	300	254	8 x Ø18		591	672	190	950	4 x M 30	20 x Ø33	588
900	36"	F25	300	254	8 x Ø18		656	720	203	1050	4 x M 30	24 x Ø33	1044
1000	40"	F25	300	254	8 x Ø18		721	800	216	1160	4 x M 33	24 x Ø36	1215
1200	48"	F30	350	298	8 x Ø23		860	900	254	1380	4 x M 36	24 x Ø39	1622

* L = 92 on request.

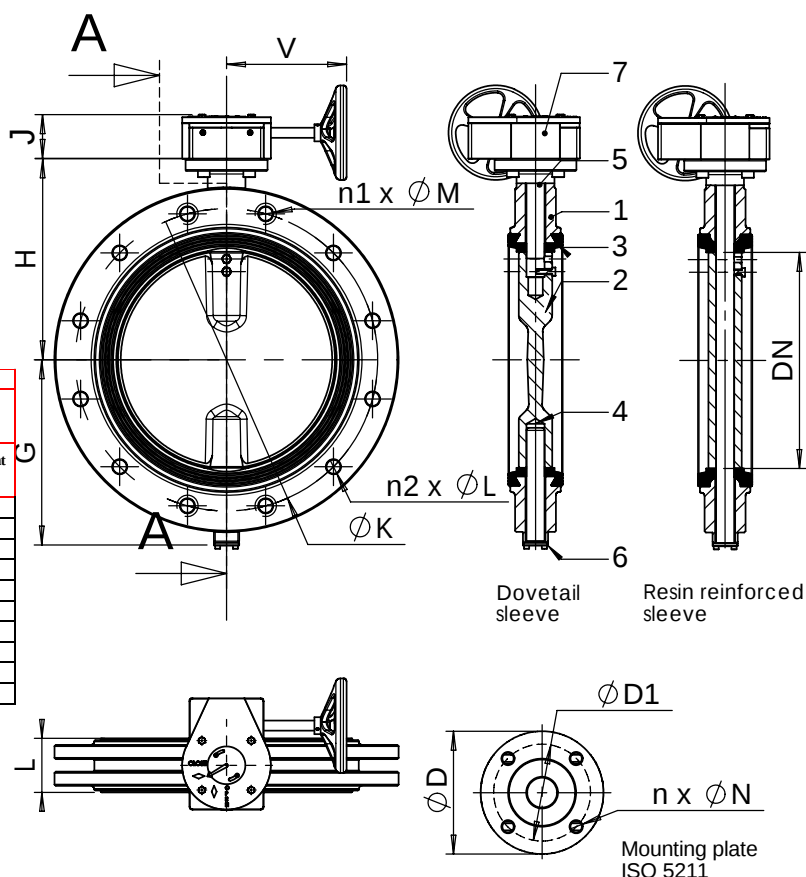
** PN16 / ASA 150 on request.

DN		Gear box		
mm	inch	V	P	J
350	14"	226	300	86
400	16"	255	300	105
450	18"	255	300	105
500	20"	285	400	120
600	24"	322	400	120
700	28"	367	450	125
800	32"	367	450	125
900	36"	426	500	200
1000	40"	426	500	200
1200	48"	506	550	273

WORKING CONDITIONS

Maximum working pressure : 10 bar.

Maximum temperature : +4 °C / +110 °C.



STANDARDS

Manufacture according to the requirements of the European directive 97/23/CE «Equipments under pressure» : fluids category III modulate H.

Pressure test according to standards

EN 12266-1, DIN 3230, BS 5154 and ISO 5208 :

Body : 15,5 bar.

Seat : 11 bar.

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

Flanged type ISO PN10 connections according to standard EN 1092-2.

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