

# Manually operated butterfly valve VMP B10 - INOX

- Operated by handle or steering wheel
- 10 adjustment positions
- Radial mounting and dismounting
- Wafer mount between flanges PN 16



## DESCRIPTION

These valves are designed to be mounted between flanges meeting different standards. The secured and lockable handle, prevents of any accidental operation; It has several adjustable positions.

## TECHNICAL FEATURES

Body	DN 40 to 200: Cast iron, EN GJS 400-15, epoxy painted DN 250 & DN 300: Cast iron, EN GJL-250, epoxy painted
Seat	EPDM
Disk	AISI 316 (1.4408)
Stem	AISI 420 (1.4021)
Wafer mounting	Radial mounting and dismounting, between flanges PN 16 ISO 7005, EN 1092, DIN 2501, NFE 29203 Options: BS 4504 (PN-6/10/16), ANSI B.16.- B.16.5, BS 10 - AS 2129 (D / E tables), JIS 2238-2239 (5K / 10K / 16K)
Operating temperature	-20 ... +95 °C

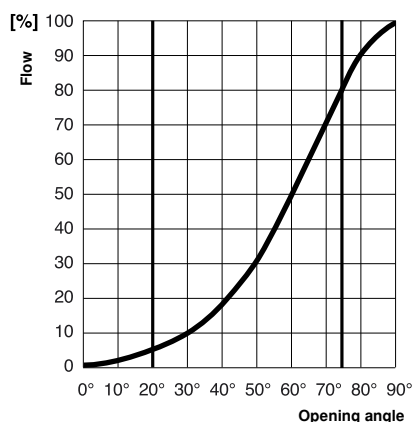


Opening angle, flow, Kv (in m<sup>3</sup>/h at pressure drop 1 bar)

ND	10°	20°	30°	40°	50°	60°	70°	80°	90°
50		2	6	12	23	38	65	114	126
65	-	4	10	23	40	70	115	205	228
80		6	17	40	70	120	200	350	390
100	1	10	28	65	115	190	320	560	620
125		13	40	90	160	260	430	770	860
150	2	26	80	175	310	520	860	1540	1710
200	4	50	155	340	600	1010	1680	3040	3380
250	6	100	300	660	1190	1980	3300	5950	6600
300	8	125	370	820	1480	2460	4100	7370	8190

Example: ND 100 with opening angle of 50° → Kv = 115 m<sup>3</sup>/h

Flow features



**BAMO** INTERNATIONAL

22, Rue de la Voie des Bans · Z.I. de la gare · 95100 ARGENTEUIL  
Tel +33 (0)1 30 25 83 20 Web [www.bamo.eu](http://www.bamo.eu)  
Fax +33 (0)1 34 10 16 05 E-mail [export@bamo.fr](mailto:export@bamo.fr)

Manually operated butterfly valve  
**VMP B10 - INOX**

05-11-2019

D-1045.01-EN-AA

**METAL**

**1045-01 /1**

## CODE NUMBERS AND REFERENCES

VMP B10 handle operated		VMP B10 steering wheel operated	
Code	Reference	Code	Reference
M 1045 022	VMP B10_P_DN 50	M 1045 052	VMP B10_V_DN 50
M 1045 023	VMP B10_P_DN 65	M 1045 053	VMP B10_V_DN 65
M 1045 024	VMP B10_P_DN 80	M 1045 054	VMP B10_V_DN 80
M 1045 025	VMP B10_P_DN 100	M 1045 055	VMP B10_V_DN 100
M 1045 026	VMP B10_P_DN 125	M 1045 056	VMP B10_V_DN 125
M 1045 027	VMP B10_P_DN 150	M 1045 057	VMP B10_V_DN 150
M 1045 028	VMP B10_P_DN 200	M 1045 058	VMP B10_V_DN 200
M 1045 029	VMP B10_P_DN 250	M 1045 059	VMP B10_V_DN 250
M 1045 030	VMP B10_P_DN 300	M 1045 060	VMP B10_V_DN 300

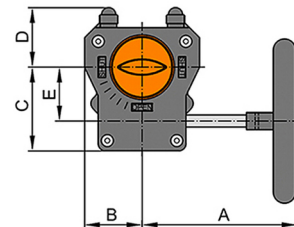
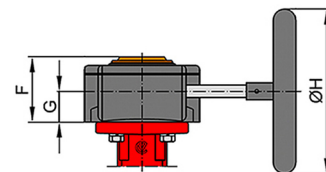
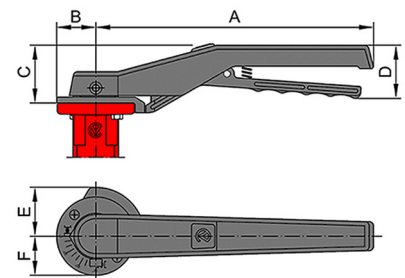
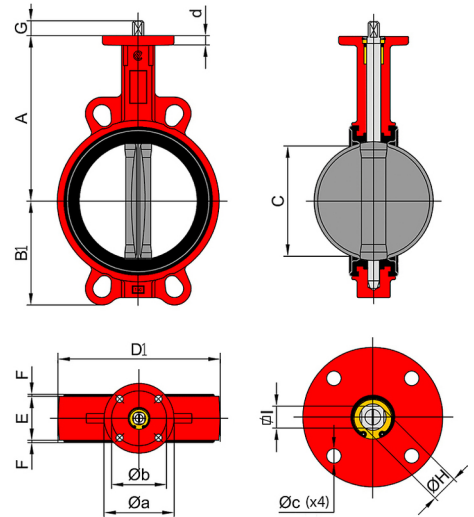
## DIMENSIONS [mm]

Body														
ND	A	B1	C	D1	E	F	G	H	I	ISO	Øa	Øb	Øc	d
50	135	36	27.5	94	43	2	16	13	11	F05	65	50	7	10
65	150	71.5	47.5	111	2									
80	160	91	66.7	127	2									
100	180	106	86.6	151	52	2.25								
125	196	121	113	180	56	2.5	19	17	14	F07	90	70	9	12
150	210	133	142	206	56	2.75								
200	240	164	191	261	60	3	24	21	17					
250	275	199	240	318	68	3.25	29	26,5	22					
300	310	233	289	372	78	3.5								

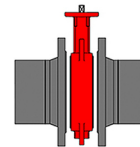
ND	50	65	80	100	125	150	200	250	300
PN	16						10		
Mass [kg]	2.20	2.90	3.40	4.80	6.20	7.75	12.0	21.8	30.2

Handle							
ND	A	B	C	D	E	F	Mass [kg]
50	170	32.5	39	38	40.5	32.5	0.23
65							
80							
100	230	48	45	0.34			
125							
150	330	45	62.5	52	54.5	45	0.65
200							

Steering wheel									
ND	A	B	C	D	E	F	G	ØH	Mass [kg]
50	128	42	67.5	48.65	43.5	51.25	25.5	125	1.16
65									
80									
100	135	56	81.5	57.15	52.5	63.5	30	160	1.31
125									
150	143.5	60	100	70.5	61.25	77	35	200	2.04
200									
250	152.5	60	100	70.5	61.25	77	35	200	2.51
300	191								



## MOUNTING



- 1: Distance between flanges must be sufficient to insert the valve.
- 2: Insert the valve, partially open
- 3: Place the bolts and tighten manually
- 4: Open the valve to check the alignment with the piping and center it
- 5: Tighten the bolts until the flanges make contact with the valve body
- 6: Close the valve to check that the butterfly rotates without difficulty

# BAMO INTERNATIONAL

22, Rue de la Voie des Bans · Z.I. de la gare · 95100 ARGENTEUIL  
 Tel +33 (0)1 30 25 83 20 Web www.bamo.eu  
 Fax +33 (0)1 34 10 16 05 E-mail export@bamo.fr

Manually operated butterfly valve

**VMP B10 - INOX**

05-11-2019

D-1045.01-EN-AA

**METAL**

**1045-01 /2**