

BV10-2366x-LE 050-300

TECHNICAL DESCRIPTION

- Wafer type butterfly valve with lever
- Design according to EN 593 fig. 3a body type
- Testing acc. to EN12266-1 (P10-P12)/MSS SP-67 type 1
- Max. working pressure : 16 bar/ 250 psi
- Shell (body) test pressure : 24bar/375 psi
- Seat test pressure : 17,6 bar/250psi
- Max. temperature : dependent of the seat, see table below
- Tightness : bi-directional bubble tight acc. EN 12266-1 A.5 Rate A (formerly known as DIN 3230)
- Suitable for mounting between flanges EN1092-B1 PN6/10/16 (DIN 2632/2633 Form C) and ASME B16.5 150lbs RF.
- Face to face dimensions acc. EN 558-1 table 1 series 20 (DIN 3202 K1) and API 609 category A
- Body coating : Epoxy powder coating 150 μ m to 250 μ m, blue RAL 5015

Suitable for :		Not recommendable for :	Temperature range :
EPDM : Ethylen-Propylene Diene Monomer (or Terpolymer)	water/steam, sea water, brine, esters, ketone, alkalis, caustic soda	hydrocarbons, oils, fats	-15°C to 120°C
EPDM-HT : EPDM High Temperature	water/steam, sea water, brine, esters, ketone, alkalis, caustic soda	hydrocarbons, oils, fats	-15°C to 130°C
NBR : Acrylonitrile-Butadiene copolymer	hydrocarbons, oils, greases, gas oil	solvents, benzene, xylol	-10°C to 80°C
PTFE* : PolyTetraFluoroEthylene	solvents, corrosive products	fluid containing powders, alkaline metals, gaseous fluorines	-10°C to 120°C
VQM/MVQ* : Methyl-Vinyl Siloxane	food & beverages	steam, oils, hydrocarbons	-60°C to 180°C
FKM : fluorocarbon polymer	mineral oils and greases, hydrocarbons, petrol, diesel fuels	steam, Freon, alkalis, ketones, organic acids	-20°C to 160°C

*Max. working pressure : 10 bar, seat test pressure : 11 bar

KV-VALUES

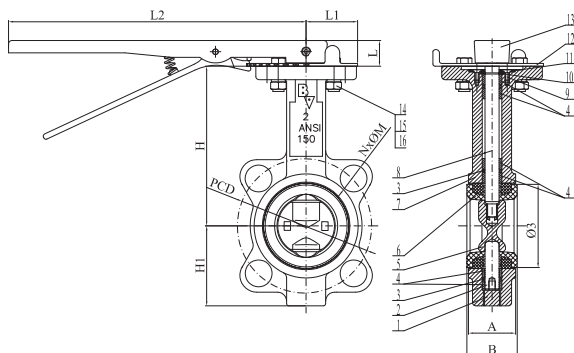
Flow in m³/h @ Δp 1 bar										
SIZE		CLOSE -----> OPEN								
NPS	DN	10°	20°	30°	40°	50°	60°	70°	80°	90°
2	50	0,1	3	6	13	23	38	60	90	99
2 1/2	65	0,1	5	10	22	39	65	102	153	169
3	80	0,2	8	15	34	60	100	157	237	260
4	100	0,3	15	31	67	120	198	313	470	516
5	125	0,4	25	52	114	204	337	533	800	879
6	150	0,7	39	82	176	315	520	824	1236	1358
8	200	2	77	162	351	625	1034	1637	2454	2697
10	250	3	130	275	597	1064	1760	2786	4179	4592
12	300	3	201	426	922	1643	2719	4304	6456	7095

Cv = 1,16 * Kv

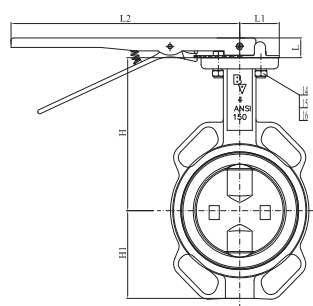


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DN 50 - DN 65



DN 80 - DN 300



DN	SIZE	L	L1	L2	H	H1	A	B	Ø3	PCD	N-ØM	Weight(kg)
50	2"	22	46	266	142,7	71,4	43	47	Ø73,3	Ø120	4-Ø24	3,5
65	2 1/2"	22	46	266	155,4	71,4	46	49	Ø86	Ø138,75	4-Ø24	4,25
80	3"	22	46	266	161,8	89,0	46	49	Ø100,3	--	--	4,3
100	4"	22	46	266	178,0	102,0	52	55	Ø132	--	--	5,6
125	5"	22	46	266	190,5	123,0	56	59	Ø156	--	--	7,1
150	6"	22	46	266	205,2	138,0	56	59	Ø185,4	--	--	7,2
200	8"	34,5	75	356	237,0	168,0	60	64	Ø235,2	--	--	12,9
250	10"	34,5	75	356	268,3	207,0	68	72	Ø289,4	--	--	22
300	12"	34,5	75	356	308,5	243,5	78	82	Ø341,2	--	--	36,5

ITEM	NAME	QTY	2366 E	2366 EHT	2366 B	2366 T	2366 S	2366 V
1	SCREW PLUG	1	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL
2	BOTOM SHAFT	1	SS416	SS416	SS416	SS416	SS416	SS416
3	O-RING	3	EPDM	EPDM HT	NBR	FKM	SILICONE	FKM
4	BUSHING	6	PTFE/Nylon	PTFE/Nylon	PTFE/Nylon	PTFE/Nylon	PTFE/Nylon	PTFE/Nylon
5	DISC	1	CF8M	CF8M	CF8M	CF8M	CF8M	CF8M
6	SEAT	1	EPDM	EPDM HT	NBR	PTFE	SILICONE	FKM
7	BODY	1	GG25	GG25	GG25	GG25	GG25	GG25
8	TOP SHAFT	1	SS416	SS416	SS416	SS416	SS416	SS416
9	PHILIP SCREW	2	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL
10	CIRCLIP	1	65 Mn	65 Mn	65 Mn	65 Mn	65 Mn	65 Mn
11	PLATE	1	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
12	NOTCH PLATE	1	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
13	LEVER	1	MALLEABLE IRON	MALLEABLE IRON	MALLEABLE IRON	MALLEABLE IRON	MALLEABLE IRON	MALLEABLE IRON
14	BOLT	2	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL
15	SPRING WASHER	2	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL
16	NUT	2	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL	ZINC PLTD STEEL