



BVPD-Wafer BLPD-Lug
DN 80 - 600 • 3" - 24"

BVKI - Wafer BLKI - Lug
DN 40 - 800 • 1 1/2" - 32"

BFKI - double flange
DN 80 - 600 • 3" - 24"

Max working pressure:

BVPD/BLPD DN80÷600: **10 Bar**

Flange: **PN 6-10-16 • A150**

BVKI/BLKI DN40÷500: **16 Bar**

Flange: **PN 10-16 • A150**

BVKI/BLKI DN600÷800: **10 Bar**

Flange: **PN 6-10-16 • A150**

BFKI DN80÷600: **16 Bar**

Flange: **PN 10-16 • A150**

KI series to be used also with vacuum

Design:

EN 593 ~ EN 736 ~ EN 12516 ~ EN 1092

ISO 5211 ~ DIN 3337 ~ API 609

PED 2014/68/EU - Mod. H

Face to face:

DIN EN 558-1 Series 20 ~ ISO 5752 Series 20

BS-5155 Series 4 ~ MSS-SP67

API609 cat.A ~ NFE 29305-1

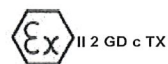
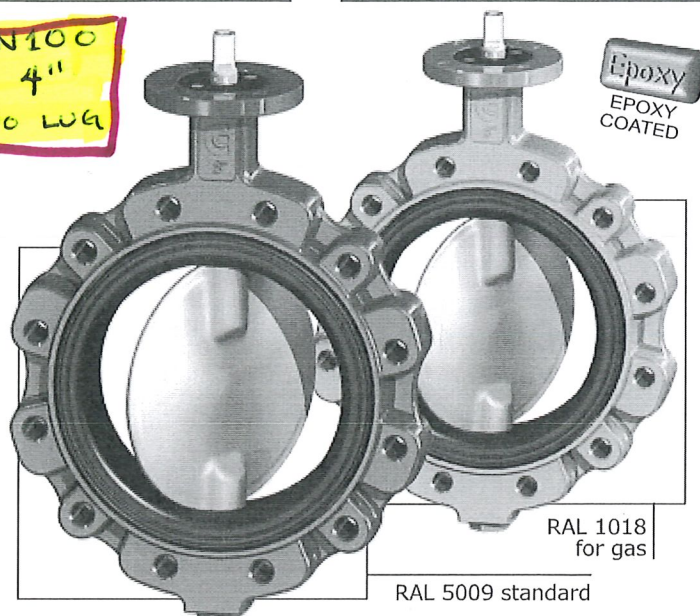
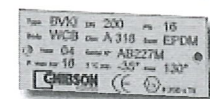
Testing:

EN 12266-1 Rate A (supersedes DIN 3230)

ISO 5208 Rate A ~ API 598

Tag:

EN 19 ~ MSS SP-25



All valves are supplied with a metallic label in compliance with PED directive.

BODY			BVPD	BVKI/BLKI	BFKI
material	references	standard coating	DN	DN	DN
Ductile iron	EN-GJS 400-15 (GS400)	Epoxy RAL 5009	80-600	40-800	80-600
Carbon steel	ASTM A216-WCB	Epoxy RAL 9005	80-600	40-800	-
Stainless steel	ASTM A351 CF8M (A316)	-	80-600	40-800	-
Aluminium-bronze	ASTM B148-C958.00	-	80-600	40-800	-
Aluminium (P _{max} 10Bar)	EN AB 46400	Epoxy RAL 7024	80-500	40-500 only wafer	-

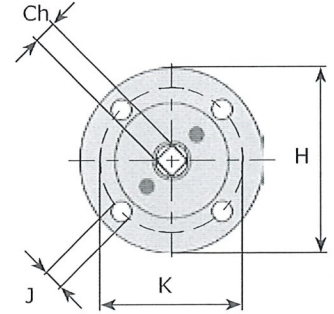
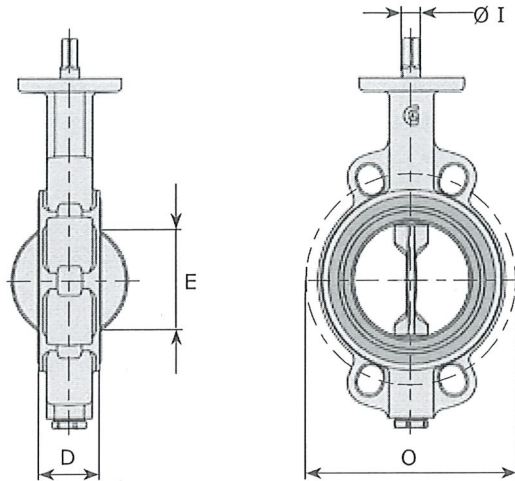
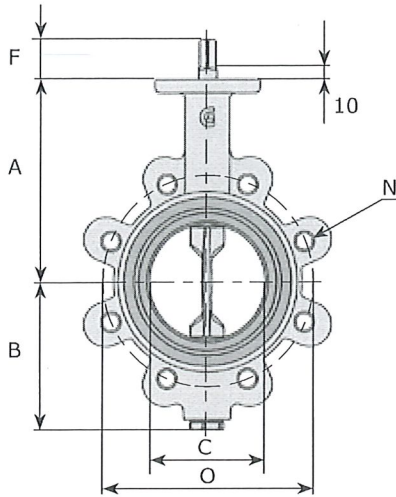
DISC			BVPD	BVKI/BLKI	BFKI
material	references	standard coating	DN	DN	DN
Steel	ASTM A105	Zinc	80-100	50-100	80-100
Ductile iron	EN-GJS 400-15 (GS400)	Zinc	125-600	125-800	125-600
Stainless steel	ASTM A351 CF8M (A316)	-	80-600	40-800	80-600
Aluminium-bronze	ASTM B148-C958.00	-	80-600	40-800	80-600
Hastelloy®	ASTM A494 CX2MW	-	80-600	40-800	80-600
Monel®	ASTM A494 M35-1	-	80-600	40-800	80-600

BODY RUBBER SEAT			DN 40/500 replaceable - DN 600/800 vulcanized not replaceable			
ref.	designation	PD 6bar	PD 10bar	KI	trade name	working temp. applications
NBR	nitrile rubber	✓	✓	✓	BUNA®	-25°C / +100°C oils, hydrocarbons, gas, air, water
EPDM	copolymer EPDM	✓	✓	✓	-	-35°C / +130°C water, sea water, steam, diluted acids
EPDM HT	copolymery EPDM HT	✓	✓	✓	-	-30°C / +135°C water, sea water, steam, diluted acids
CO	carboxide	✓	✗	✓	-	-25°C / +100°C dust, air
FKM	fluoroelastomer	✓	✗	✓	VITON®	-20°C / +200°C oils, acids, hydrocabons
CR	polychloroprene	✓	✗	✓	NEOPRENE®	-20°C / +100°C alkali, bases, water
NR	natural rubber	✓	✗	✓	-	-40°C / + 80°C glycols, abrasive media
MVQ	silicon rubber	✓	✗	✓	SILOPREN®	-60°C / +190°C water, food, drinks
CSM	chlorosulfonated polyethylene	✓	✗	✓	HYPALON®	-20°C / +125°C acids, mineral bases, alcohols, hydrocarbons
PU	poliuretane	✓	✓	✓	POLIURETANE®	-25°C / +90°C abrasive media

BVPD - Wafer **BLPD** - Lug

BVKI - Wafer **BLKI** - Lug

BVKA - Wafer **BLKA** - Lug

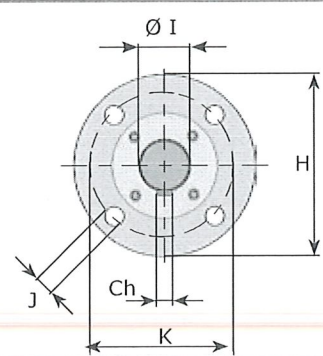
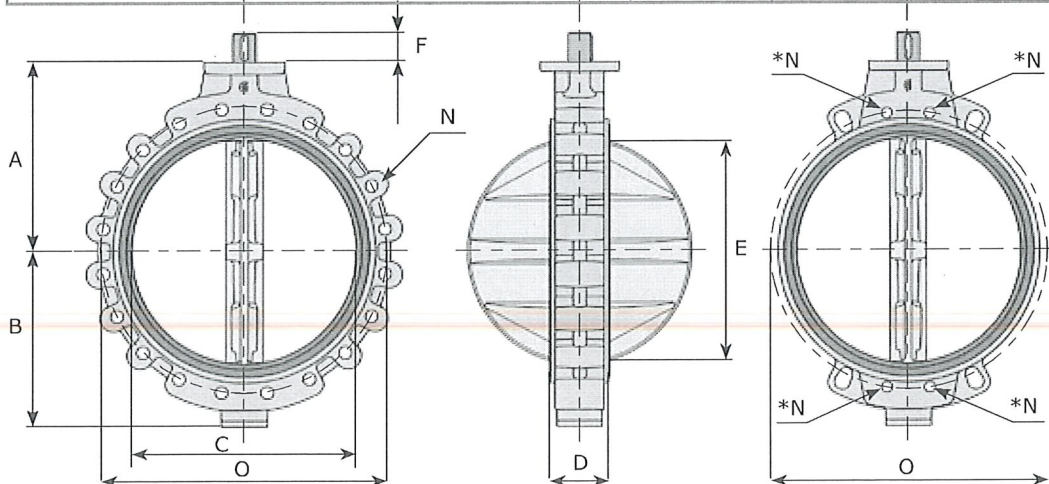


Upper flange - ISO 5211

DN 40 - 150 F07 - 4 holes
DN 200 - 300 F10 - 4 holes

Note: in case of ANSI150 flanges, threading can be: 1 1/2" ÷ 12" ANSI B1.1UNC2B

													Kg														
													PN 6			PN 10			PN 16			ANSI 150			PD-KI		KA
DN	A	B	C	D	E	F	Ø I	Ch	H	K	J	N	n.	O	N	n.	O	N	n.	O	N	n.	O	W	L	W	L
40	130	75	49	33	36	34	14	11	90	70	9	-	-	-	M16	4	110	M16	4	110	M14	4	98.4	2.2	3	2.2	3
50	138	81	55	43	35	34	14	11	90	70	9	M12	4	110	M16	4	125	M16	4	125	M16	4	120.7	2.8	3.7	2.8	3.7
65	144	98	68	46	50	34	14	11	90	70	9	M12	4	130	M16	8	145	M16	8	145	M16	4	139.7	3.7	5.3	3.7	5.3
80	158	110	81	46	67	34	14	11	90	70	9	M16	4	150	M16	8	160	M16	8	160	M16	4	152.4	4	6.1	4	6.1
100	173	128	101	52	87	34	16	11	90	70	9	M16	4	170	M16	8	180	M16	8	180	M16	8	190.5	6	8.1	6	8.1
125	186	140	126	56	113	34	18	14	90	70	9	M16	8	200	M16	8	210	M16	8	210	M20	8	215.9	7.2	9.7	7.2	9.7
150	202	155	150	56	140	34	18	14	90	70	9	M16	8	225	M20	8	240	M20	8	240	M20	8	241.3	9.1	11.5	9.5	11.8
200	240	190	200	60	191	38	22	17	125	102	11	M16	8	280	M20	8	295	M20	12	295	M20	8	298.5	14	27	16	29
250	270	220	250	68	241	38	30	22	125	102	11	M16	12	335	M20	12	350	M24	12	355	M22	12	362.0	22	34	26	38
300	300	247	298	78	289	38	30	22	125	102	11	M20	12	395	M20	12	400	M24	12	410	M22	12	431.8	32	49	36	53



Upper flange - ISO 5211

DN 350 - 400 F12 - 4 holes
DN 450 F14 - 4 holes
DN 500 - 600 F16 - 4 holes
DN 700 - 800 F25 - 8 holes

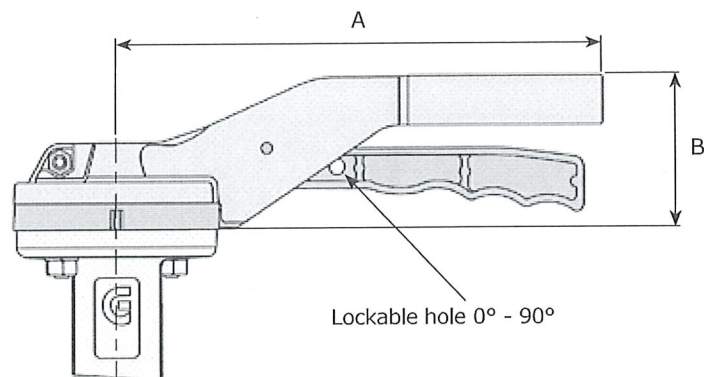
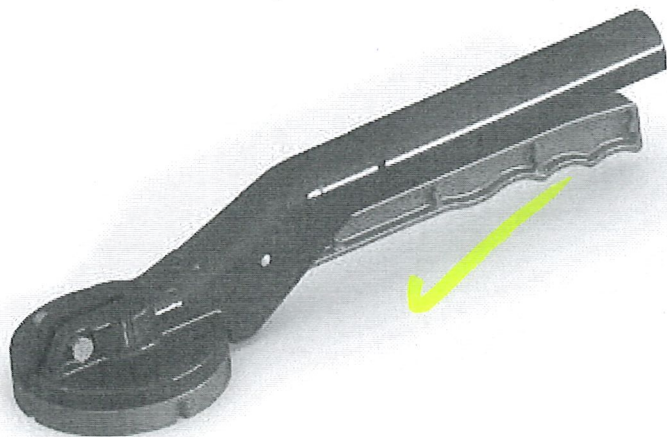
Note: in case of ANSI150 flanges, threading can be:
14" ANSI B1.1UNC2B
16" ÷ 32" ANSI B1.1-8 UNC2B

*Note: WAFER bodies DN 600 - 700 - 800 have 4 holes N threaded as relevant LUG version

																									Kg			
													PN 6			PN 10			PN 16			ANSI 150			PD-KI		KA	
													N	n.	O	N	n.	O	N	n.	O	N	n.	O	W	L	W	L
DN	A	B	C	D	E	F	Ø I	Ch	H	K	J	M20	12	445	M20	16	460	M24	16	470	M24	12	476.3	42	62	55	75	
350	330	280	341	78	332	60	35	10	150	125	14	M20	12	445	M20	16	460	M24	16	470	M24	12	476.3	42	62	55	75	
400	355	305	390	102	376	60	40	12	150	125	14	M20	16	495	M24	16	515	M27	16	525	M27	16	539.8	76	90	94	104	
450	400	343	444	114	430	60	45	12	175	140	18	M20	16	550	M24	20	565	M27	20	585	M27	16	577.8	110	170	135	195	
500	422	366	495	127	479	60	45	12	210	165	22	M20	20	600	M24	20	620	M30	20	650	M27	20	635.0	140	180	165	205	
600	495	460	595	154	575	75	60	18	210	165	22	M24	20	705	M27	20	725	M33	20	770	M33	20	749.3	220	290	220	290	

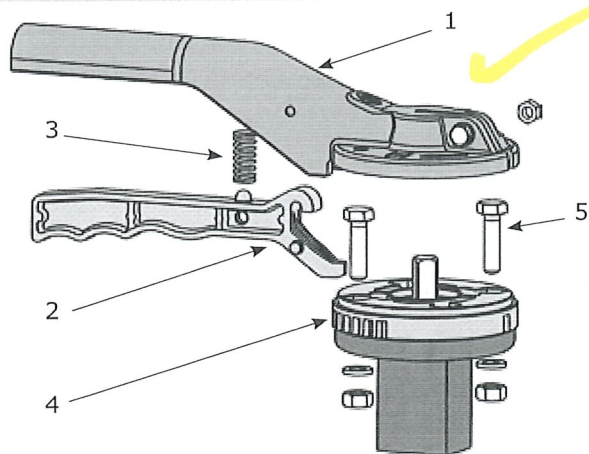
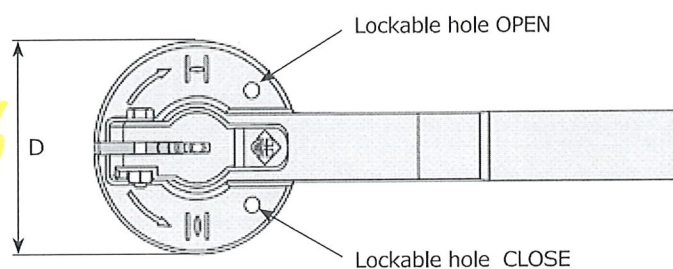


Handlevers



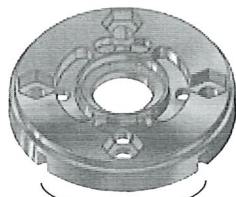
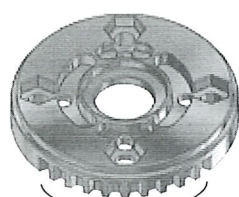
DN	A	B	D	Kg	
				aluminium	st. steel
40 - 100	220	67	93	0.60	1.80
125 - 150	275	67	93	0.65	2.05
200 - 300	340	76	125	1	--

Note: DN 250 - 300 handlever not recommended (PD series excluded)



		DN40 - 300	DN40 - 150
1	lever	aluminium	A351 CF8M
2	trigger	aluminium	A351 CF8M
3	spring	stainless steel	stainless steel
4	disc positioning	aluminium	A351 CF8M
5	screws	stainless steel	stainless steel

positioning disc DN 40 - 150 designed for flanges ISO 5211 F05/F07



OPTIONALS

