

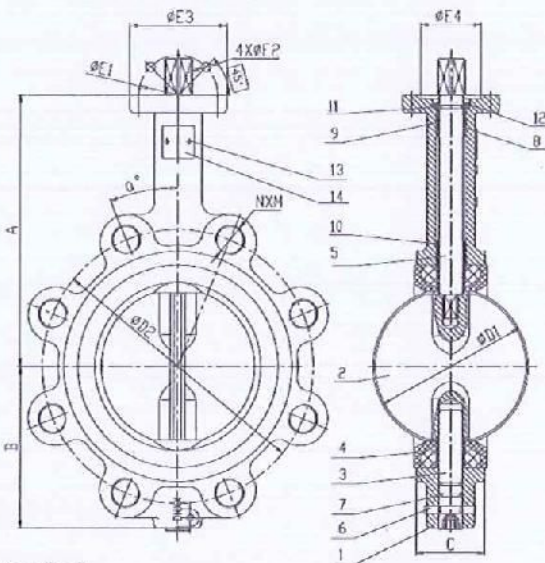
ARSBFL3-xxx
ARSBFG3-xxx
ARSBFL4-xxx
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Technical Data

Dimension In mm (ANSI 125/150)

SIZES		A	B	C	ØD1	ØD2	N x M (UNC-2B)	a°	ØE1	ØE2	ØE3	ØE4	TORQUE (Nm)		Cv	WT. (KG)
DN	In.												PN 10	PN 16		
50	2	156	80	42.0	52.9	120.6	4 x 5/8"-11	45.00	50	7	65	35	14	15	135	3.8
65	2 1/2	162	89	44.7	64.5	139.7	4 x 5/8"-11	45.00	50	7	65	35	15	17	220	4.2
80	3	170	95	45.2	78.8	152.4	4 x 5/8"-11	45.00	50	7	65	35	22	23	302	4.7
100	4	185	114	52.1	104.3	190.5	8 x 5/8"-11	22.50	70	10	90	55	37	40	600	9.0
125	5	207	127	54.4	123.3	215.9	8 x 3/4"-10	22.50	70	10	90	55	58	62	1022	10.9
150	6	216	139	55.8	156.0	241.3	8 x 3/4"-10	22.50	70	10	90	55	94	102	1579	14.2
200	8	256	175	60.6	202.5	298.4	8 x 3/4"-10	22.50	102	12	125	70	174	192	3136	18.2
250	10	248	203	65.6	250.8	361.9	12 x 7/8"-9	15.00	102	12	125	70	286	323	5340	26.8
300	12	280	242	76.9	301.6	431.8	12 x 7/8"-9	15.00	102	12	125	70	429	490	8250	40.0
350	14	368	267	75.0	333.5	476.2	12 x 1"-8	15.00	102	12	125	70	550	625	11917	56.0
400	16	400	297	85.7	389.6	539.7	16 x 1"-8	11.25	140	18	175	100	755	846	16388	98.0
450	18	422	315	104.6	440.5	577.9	16 x 1 1/8"-7	11.25	140	18	175	100	1012	1131	21705	122.0
500	20	480	348	130.3	491.6	635.0	20 x 1 1/8"-7	9.00	140	18	175	100	1350	1431	27908	202.0
600	24	562	444	151.4	592.5	749.3	20 x 1 1/4"-7	9.00	165	23	210	130	2111	2301	43116	270.0

Note : Cv = US Gallon per minutes



Pressure Test

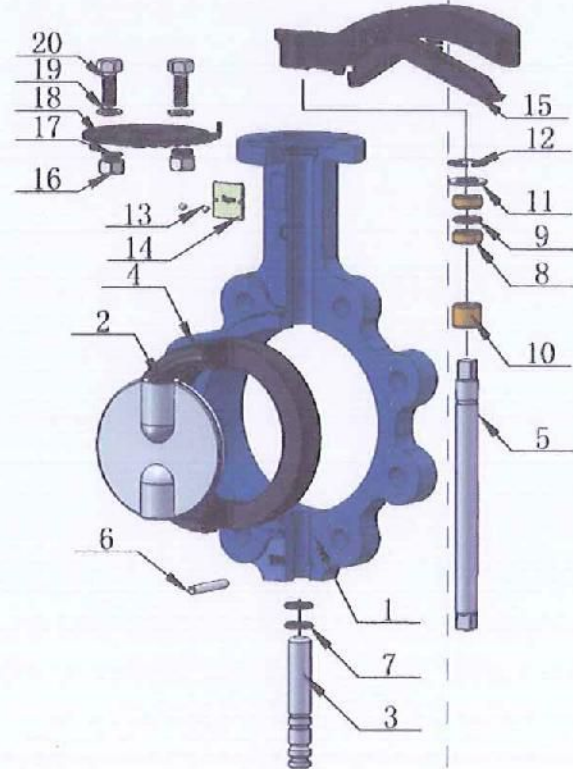
Working Pressure	1.0 MPa	1.6 MPa	10K	ANSI 125		ANSI 150
SIZE	2"-40"	2"-24"	2"-12"	14"-24"	2"-12"	2"-12"
Hydrostatic Test	Seal 1.1 MPa Body 1.5 MPa	1.6 MPa 2.4 MPa	1.54 MPa 2.1 MPa	1.52 MPa 2.1 MPa	1.14 MPa 1.65 MPa	2.2 MPa 3.0 MPa

Working Temperature

Temperature °C	-10 ~ 80	-15 ~ 140	-20 ~ 150	-20 ~ 180
Seat Material	NBR	EPDM	VITON	PTFE

Material

No.	PART	QTY.	MATERIAL
1	BODY	1	CAST IRON / DUCTILE IRON
2	DISC	1	DUCTILE IRON/COATING NYLON/PTFE/NICKEL BRONZE/CF8/CF8M/POLISHED
3	LOWER STEM	1	SS 416/316
4	SEAT	1	PTFE/NBR/EPDM/VITON
5	UPPER STEM	1	SS 416/316
6	LOCK PIN	1	AISI 1066 / SS 416
7	LOWER 'O' RING	2	NBR / EPDM / VITON
8	BUSHING	2	PTFE
9	'O' RING	1	NBR / EPDM / VITON
10	BUSHING	1	PTFE
11	HALF RING	2	SS 416
12	RETAINER RING	1	SPRING STEEL
13	RIVET	2	ALUMINIUM
14	NAMEPLATE	1	ALUMINIUM
15	HANDLE	1	EPOXY COATING / DUCTILE IRON
16	NUT	2	CARBON STEEL
17	SPRING WASHER	2	SPRING STEEL
18	INDICATOR	1	ELECTRO-PLATING / EPOXY COATING
19	WASHER	2	CARBON STEEL
20	BOLT	2	CARBON STEEL



Standard:

Face to Face	: BS EN558-1
Flange	: ANSI B16 125/150
Top Flange	: ISO 5211
Test Inspection	: BS EN 12266-1 / API 598

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08/11

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