

ARSBFL3-XXX

ARSBFG3-XXX

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Technical Data

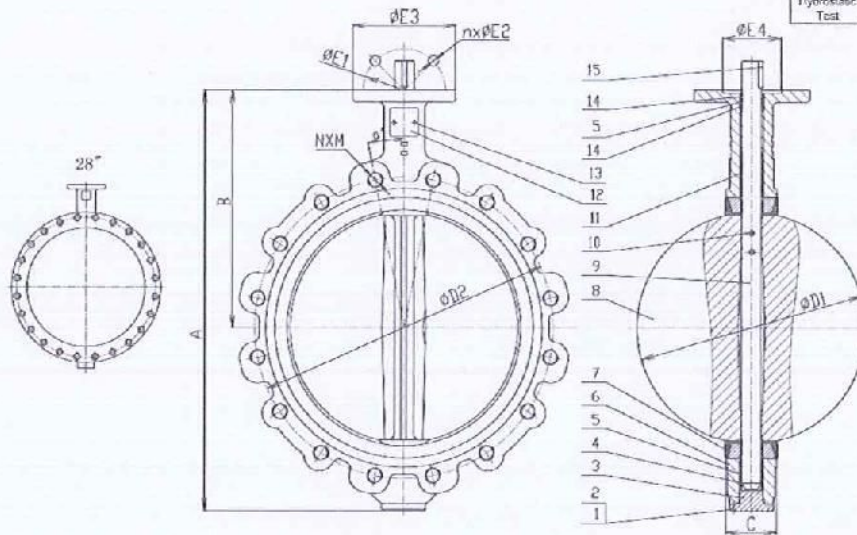
Dimension in mm (ANSI 125/150)

SIZES		A	B	C	ØD1	ØD2	N x M (UNC-2B)	a°	ØE1	n x ØE2	ØE3	ØE4	TORQUE (Nm)		Cv	WT. (KG)
DN	In.												PN 10	PN 16		
400	16	709	400	85.7	389.6	539.7	16 x 1"-8	11.25	140	4 x Ø18	175	100	755	846	16388	98.0
450	18	750	422	104.6	440.5	577.9	16 x 1 1/8"-7	11.25	140	4 x Ø18	175	100	1012	1131	21705	122.0
500	20	840	480	130.3	491.6	635.0	20 x 1 1/8"-7	9.00	140	4 x Ø18	175	100	1350	1431	27908	202.0
600	24	1022	562	161.4	592.5	749.3	20 x 1 1/4"-7	9.00	165	4 x Ø23	210	130	2111	2301	43116	270.0
700	28	1144	624	163.0	695.0	863.6	28 x 1 1/4"-7	6.43	254	8 x Ø18	300	200	3272		49500	327.0

Note : Cv = US Gallon per minutes

Pressure Test

Working Pressure	1.0 MPa	1.6 MPa	10K	ANSI 125		ANSI 150	
Size	2"-40"	7"-24"		2"-12"	14"-24"	2"-12"	
Hydrostatic	Seal 1.1 MPa	1.78 MPa	1.54 MPa	1.52 MPa	1.14 MPa	2.2 MPa	
Test	Body 1.5 MPa	2.4 MPa	2.1 MPa	2.1 MPa	1.35 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	BOLT	2-4	CARBON STEEL
2	SPRING WASHER	2-4	SPRING STEEL
3	COVER	1	CAST IRON / DUCTILE IRON
4	BUSHING	2	PTFE / BRONZE
5	O' RING	3	NBR / EPDM / VITON
6	BODY	1	CAST IRON / DUCTILE IRON
7	SEAT	1	NBR / EPDM / VITON
8	DISC	1	DUCTILE IRON/COATING NYLON/PTFE/NICKEL BRONZE/CF8/CF8M/POLISHED
9	STEM	1	SS 416 / SS 316
10	TAPER PIN	2	SS 416 / SS 316
11	BUSHING	1	PTFE / BRONZE
12	NAMEPLATE	1	ALUMINIUM
13	RIVET	2	ALUMINIUM
14	BUSHING	2	PTFE / BRONZE
15	KEY	1	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

The contents of this literature are for informative purposes only.

Arita is not responsible for suitability or compatibility of these products in relation to system requirement. For specific requirements, consult Arita or its distributors. Arita reserves the right to change or modify product design without prior notice.



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08/11

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