

Dimension In mm (DIN2501 PN10/16 ; EN1092-2 PN10/16)

SIZES		A	B	C	ØD1	ØD2		N x M		a°		ØE1	n x ØE2	ØE3	ØE4	TORQUE (Nm)		Cv	WT. (KG)
DN	In.					PN 10	PN 16	PN 10	PN 16	PN 10	PN 16					PN 10	PN 16		
50	2	241	161	42.0	52.9	125	125	4 x M16	4 x M16	45.00	45.00	50	4 x Ø7	65	35	14	15	29	3.3
65	2 1/2	264	175	44.7	64.5	145	145	4 x M16	4 x M16	45.00	45.00	50	4 x Ø7	65	35	15	17	53	3.3
80	3	276	181	45.2	78.8	160	160	8 x M16	8 x M16	22.50	22.50	50	4 x Ø7	65	35	22	23	82	4.3
100	4	314	200	52.1	104.1	180	180	8 x M16	8 x M16	22.50	22.50	70	4 x Ø10	90	55	37	40	129	5.0
125	5	340	213	54.4	123.3	210	210	8 x M16	8 x M16	22.50	22.50	70	4 x Ø10	90	55	58	62	210	7.4
150	6	365	226	55.8	155.6	240	240	8 x M20	8 x M20	22.50	22.50	70	4 x Ø10	90	55	94	102	304	8.9
200	8	435	260	60.6	202.5	295	295	8 x M20	12 x M20	22.50	15.00	102	4 x Ø12	125	70	174	192	537	14.7
250	10	495	292	65.6	250.5	350	355	12 x M20	12 x M24	15.00	15.00	102	4 x Ø12	125	70	286	323	782	26.8
300	12	579	337	76.9	301.6	400	410	12 x M20	12 x M24	15.00	15.00	102	4 x Ø12	125	70	429	490	1161	40.0
350	14	635	368	75.0	333.5	460	470	16 x M20	16 x M24	11.25	11.25	102	4 x Ø12	125	70	550	625	1564	56.0

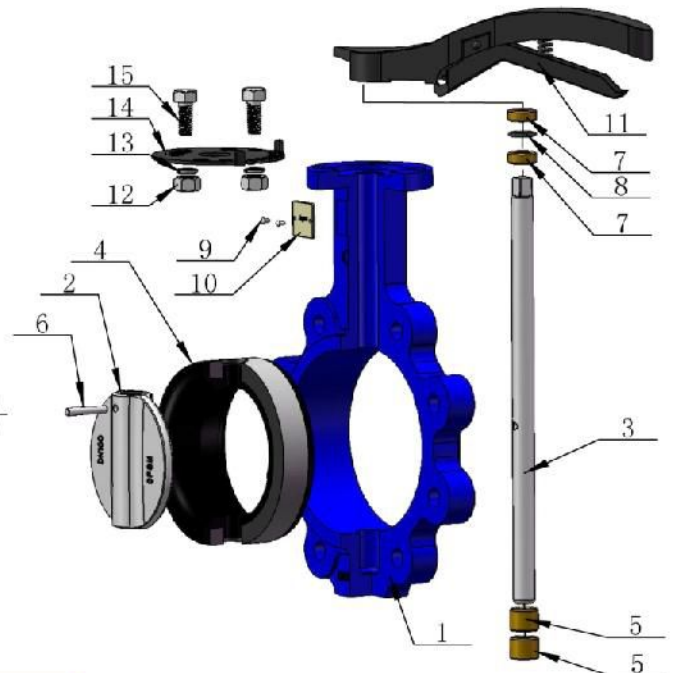
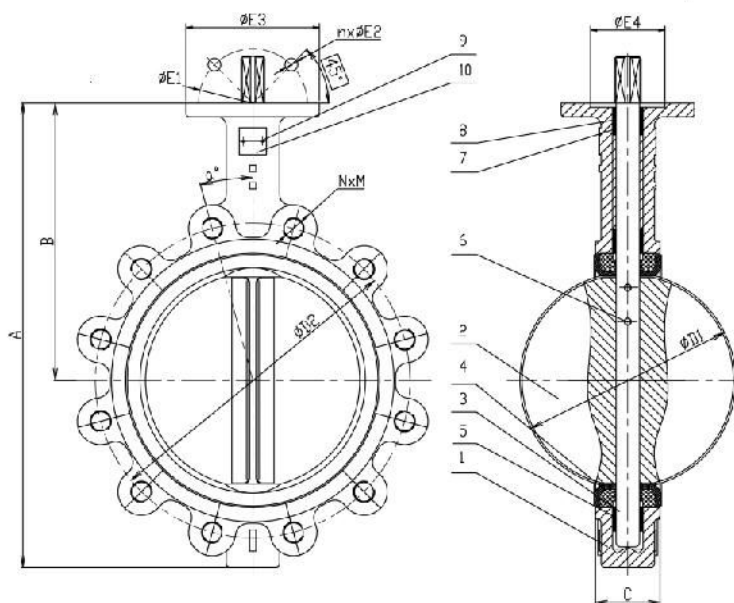
Note : Cv = US Gallon per minutes

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"
Hydrostatic Test	Seal: 1.1 MPa Body: 1.5 MPa	1.76 MPa 2.4 MPa	1.54 MPa 2.1 MPa	1.52 MPa 2.1 MPa	1.14 MPa 1.55 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



Materials

No.	PART	QTY.	MATERIAL
1	BODY	1	GG-20 / GGG-40
2	DISC	1	DUCTILE IRON/COATING NYLON/PTFE/NICKEL BRONZE/G-X6CrNi18-9/G-X6CrNiMo18-10/POLISHED
3	STEM	1	X12CrS13 / X5CrNiMo17-12-2
4	SEAT	1	PTFE / NBR / EPDM / VITON
5	BUSHING	2	PTFE
6	PIN	1-3	X12CrS13 / X5CrNiMo17-12-2
7	BUSHING	2	PTFE
8	'O' RING	1	NBR / EPDM / VITON
9	RIVET	2	ALUMINIUM
10	NAMEPLATE	1	ALUMINIUM
11	HANDLE	1	EPOXY COATING / DUCTILE IRON
12	NUT	2	CARBON STEEL
13	SPRING WASHER	2	SPRING STEEL
14	INDICATOR	1	ELECTRO-PLATING / EPOXY COATING
15	WASHER	2	CARBON STEEL
16	BOLT	2	CARBON STEEL

Standard:

Design Standard	: BS EN593
Face to Face	: BS EN558-1 / ISO5752 / JIS B2002
Flange Connection	: EN1092-2 PN10/16 ; DIN2501 PN10/16 ; BS4504 PN10/16.
Top Flange	: ISO 5211
Test Standard	: BS EN12266-1 / API 598

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