

## 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		
400	16	709	400	85.7	389.6	515	525	16 x M24	16 x M27	11.25	140	4 x Ø18	175	100	755	846	2087	98.0
450	18	750	422	104.6	440.5	565	585	20 x M24	20 x M27	9.00	140	4 x Ø18	175	100	1012	1131	2681	122.0
500	20	840	480	130.3	491.6	620	650	20 x M24	20 x M30	9.00	140	4 x Ø18	175	100	1350	1431	3350	202.0
600	24	1022	562	151.4	592.5	725	770	20 x M27	20 x M33	9.00	165	4 x Ø23	210	130	2111	2301	4907	230.0
700	28	1144	624	163.0	695.0	840		24 x M27		7.50	254	8 x Ø18	300	200	3272		6664	327.0

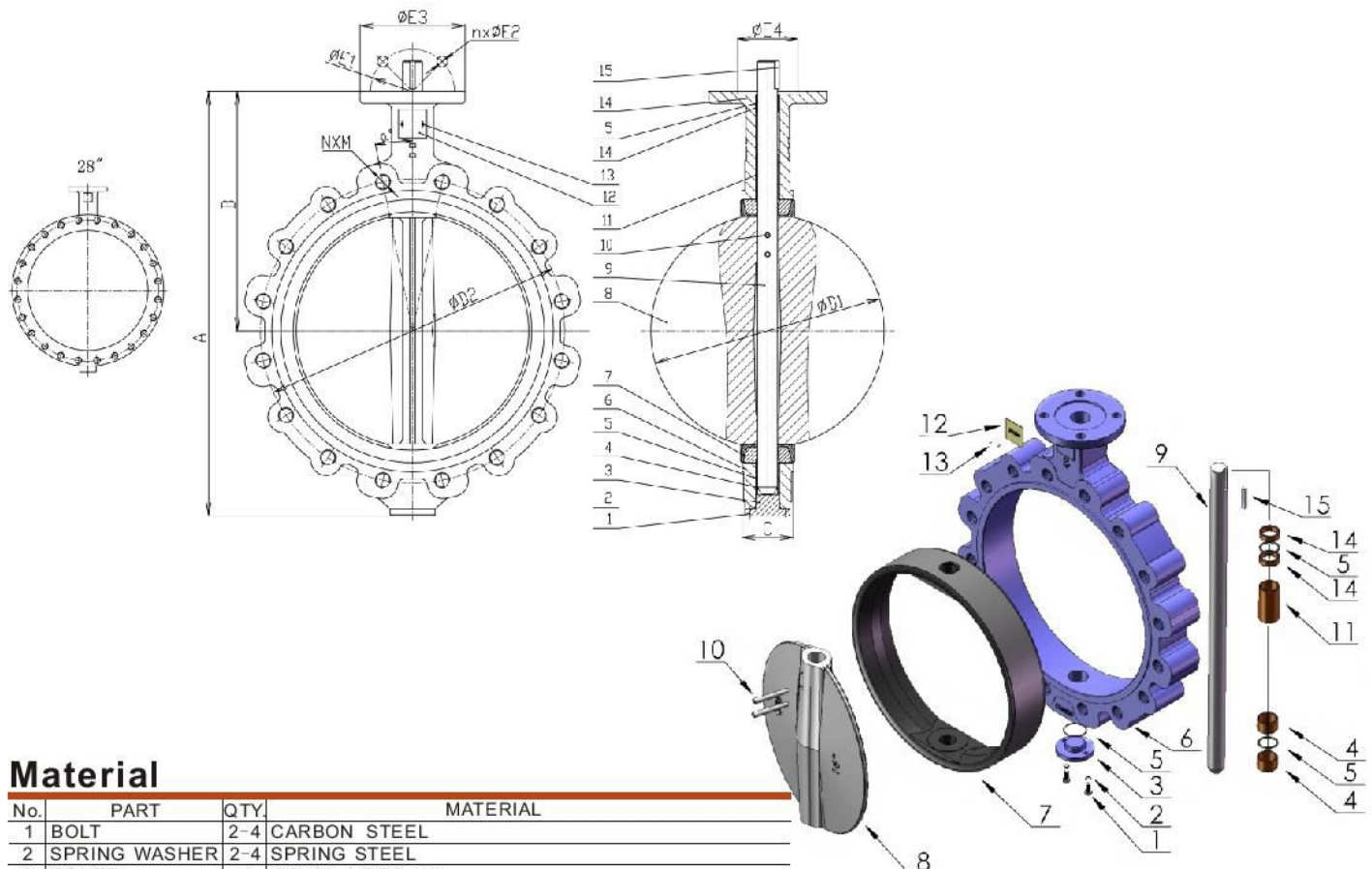
Note : Cv = US Gallon per minutes

### Pressure Test

Working Pressure	1.0 MPa	1.6 MPa	10K	ANSI 125		ANSI 150	
SIZE	2"-40"		2"-24"		2"-12"	14"-24"	2"-12"
Hydrostatic Test	Seal	1.1 MPa	1.76 MPa	1.54 MPa	1.52 MPa	1.14 MPa	2.2 MPa
	Body	1.5 MPa	2.4 MPa	2.1 MPa	2.1 MPa	1.55 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	GG-20 / GGG-40
4	BUSHING	2	PTFE / BRONZE
5	O RING	3	NBR / EPDM / VITON
6	BODY	1	GG-20 / GGG-40
7	SEAT	1	NBR / EPDM / VITON
8	DISC	1	DUCTILE IRON / COATING NYLON / PTFE / NICKEL BRONZE / G-X6CrNi18-9 / G-X6CrNiMo18-10 / POLISHED
9	STEM	1	X12CrS13 / X5CrNiMo17-12-2 / X20Cr13
10	TAPPER PIN	2	X12CrS13 / X5CrNiMo17-12-2
11	BUSHING	1	PTFE / BRONZE
12	NAMEPLATE	1	ALUMINIUM
13	RIVET	2	ALUMINIUM
14	BUSHING	2	PTFE / BRONZE
15	KEY	1	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



A MEMBER OF UNIMECH GROUP, MALAYSIA

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.