

SHANGHAI CIPHY INDUSTRY CO.,LTD.

DIN PN16/40

CARBON STEEL

BALL VALVE FULL WELDING DESIGN

MODEL NO: FLDXRT-FW



BALL VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
PN40	DN15	DN50
PN16	DN65	DN300

DESIGN DESCRIPTION:

- * WELDING CAP
- * STANDARDS PORT
- * CONNECTION: WELDING OR FLANGE ENDS
- * MATERIAL:
 - DN15~150 Galvanizing Steel
 - DN200~250 Carbon steel
 - DN300 No handle

WORKING PRESSURE AND TEMPERATURE

WORKING TEMPERATURE		
MATERIAL	CELSIUR SCALE	FAHRENHEIT
CARBON STEEL	0 ⁰ C~200 ⁰ C	32 ⁰ F~392 ⁰ F

GENERAL DESIGN SPECIFICATIONS:

ITEM	DIN PN10/16/25
MANUFACTURE	ISO STANDARDS
FACE TO FACE	ISO STANDARDS
END FLANGE	DIN PN10/16/25
INSPECTION AND TEST	DIN 3230

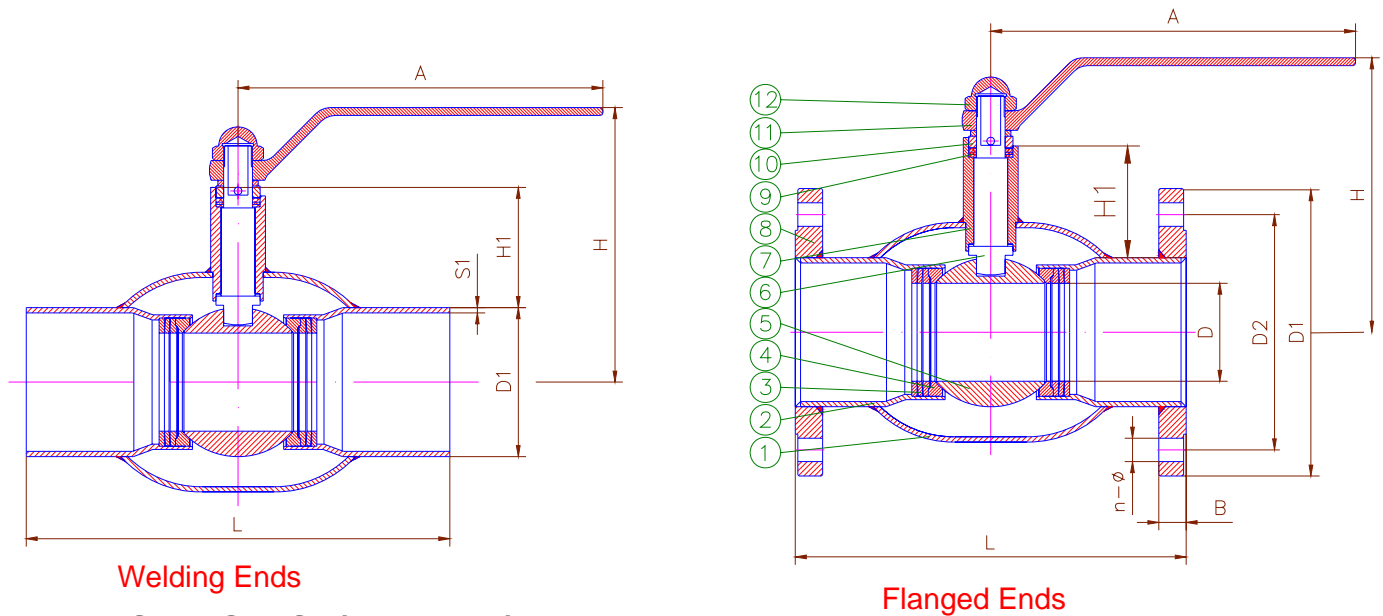
TEST PRESSURE TO DIN3230:

ANSI	SHELL (WATER)	SEAT (WATER)	SEAT (AIR)
PN16	2.4MPa	1.76MPa	0.6MPa
PN40	6.0Mpa	4.4MPa	0.6MPa

PARTS AND MATERIAL (ASTM)

NO.	PARTS NAME	MATERIALS
1	BODY	CARBON STEEL OR Galvanizing Steel OR Stainless steel
2	CAP	CARBON STEEL OR Galvanizing Steel OR Stainless steel
3	SPRING	STAINLESS STEEL
4	SEAT	R-PTFE
5	BALL	SS304
6	STEM	F6 OR F304
7	PACKING BOX	CARBON STEEL OR Galvanizing Steel OR Stainless steel
8	FLANGE	CARBON STEEL
9	STEM PACKING	FPM
10	GLAND	CARBON STEEL
11	HANDLE	CARBON STEEL
12	HANDLE NUT	CARBON STEEL

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

DN	PN	D	A	H	H1	Flanged Ends						Butt-Welding Ends		Kv	
						D1	D2	n	Ø	B	L	L	S1		D1
15	40	10	120	100	23	95	65	4	14	14	130	230	3	21.3	8
20	40	15	140	100	24	105	75	4	14	14	150	230	3	26.9	14
25	40	20	160	105	40	115	85	4	14	14	160	230	3.5	33.7	25
32	40	25	180	105	39	140	100	4	18	16	180	260	3.5	42.4	41
40	40	32	250	125	59	150	110	4	18	16	200	260	3.5	48.3	65
50	40	40	300	130	59	165	125	4	18	17	230	300	4	60.3	103
65	16	50	350	180	71	185	145	4	18	19	270	300	4	76.1	180
80	16	65	350	190	77	200	160	8	18	19	280	300	4	88.9	290
100	16	80	400	220	92	220	180	8	18	21	300	325	4.5	114.3	470
125	16	100	500	245	95	250	210	8	18	23	325	325	4.5	139.7	830
150	16	125	600	265	103	285	240	8	22	25	350	350	4	168.3	1150
200	16	150	900	260	92	340	295	12	22	27	400	400	5	219	1750
250	16	200	1200	300	108	405	355	12	26	29	500	530	5.5	273	3200
300	16	250			132	460	410	12	26	32	500	550	6	324	4600

*** We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency**



SHANGHAI CIPHY INDUSTRY CO.,LTD
7G-1 Building, N0.515 Yishan Rd.
Shanghai, China
TEL:+86-21-5497 5962
FAX:+86-21-5497 5963
HTTP://WWW.CIPHY.CN
CIPHY@CIPHY.COM
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