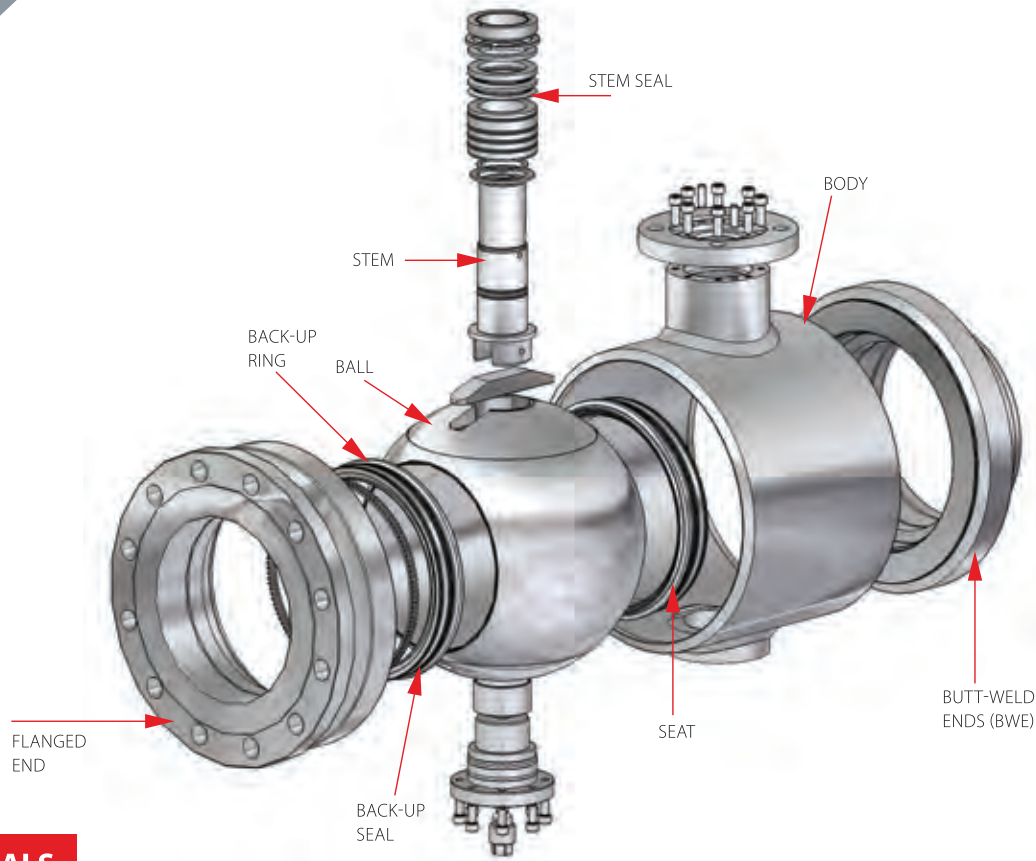
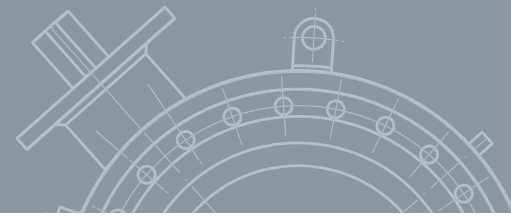


BALL VALVE PN 16/25/40 FULL BORE



MATERIALS

DN	BODY	FLANGED END	BUTT-WELDED ENDS (BWE)	BALL	STEM	BACK-UP RING	SEAT	BACK-UP SEAL	STEM SEAL
15	P355NH; P355NL1; S355J2; S355J2H X5CrNi18-10 (AISI 304)	P355NH; P355NL1; S355J2; S355J2H; X5CrNi18-10 (AISI 304)	P355NH; P355NL1; S355J2; S355J2H; X5CrNi18-10 (AISI 304)	X5CrNi18-10 (AISI 304)	X20Cr13 (AISI 420) X5CrNi18-10 (AISI 304)	CS + Ni-Cr SS	PTFE; PTFE+C	HNBR; EPDM; FKM; Graphite; PTFE	HNBR; EPDM; FKM; Graphite; PTFE
20									
25									
32									
40									
50									
65	P355NH; P355NL1; S355J2; S355J2H	P355NH; P355QH	P355NH; P355NL1; S355J2; S355J2H	S355J2 + Ni-Cr; A350 LF2 + EN	X20Cr13 (AISI 420)	CS + Ni-Cr CS + EN	PTFE; PTFE+C	HNBR; EPDM; FKM; Graphite; PTFE	HNBR; EPDM; FKM; Graphite; PTFE
80									
100									
150									
200									
250									
300									
350									
400									
500									
600	HNBR; EPDM; FKM; Graphite	HNBR; EPDM; FKM; Graphite							
700									
800									

CLASSIFICATION OF THE PRODUCTS	TYPE	SCOPE
BALL VALVE FROM CARBON STEEL, FULL BORE, PN 16/25/40	AH-2c-MK, AH-2c-MP, AH-2c-MG	DN 15-25
	AH-2c	DN 32-80
	AH-2cg, AH-2cp, AH-2cd	DN 32-80
	AH-11c, AH-12c	DN 100-150
	AH-11cj, AH-12cj	DN 100-150
	AH-14c, AH-15c	DN 200-800

TEMPERATURE RANGE [°C]

t = -60°C ÷ +100°C

t = -40°C ÷ +100°C

t = -30°C ÷ +100°C

t = -20°C ÷ +150°C

t = -10°C ÷ +200°C

DIMENSIONS [mm]

DN	d	F	t	DBB	IS	L			B	I	D1	T
						FxF	WxW	GxG				
15	15	X	-	-	-	FxF	WxW	GxG	37,0	21,0	21,3	3,2
						130,0	130,0	100,0				
20	20	X	-	-	-	150,0	150,0	110,0	40,0	24,0	26,9	3,6
25	25	X	-	-	-	160,0	160,0	135,0	48,0	30,0	35,0	5,0
32	32	X	-	-	-	104,0	270,0	150,0	83,0	35,0	42,4	4,0
						180,0						
40	40	X	-	-	-	106,0	190,0	160,0	87,0	40,0	48,3	3,6
						200,0						
50	50	X	X	OPTION	-	108,0	216,0	160,0	95,0	48,0	60,3	4,0
						230,0						
65	64	X	-	-	-	112,0	241,0	210,0	122,0	59,0	76,1	5,0
						290,0						
80	78	X	-	-	-	140,0	283,0	240,0	130,0	71,0	88,9	5,6
						310,0						
100	101	X	-	-	-	190,0	305,0	-	173,0	90,0	114,3	5,6
		-	X	OPTION	OPTION	300,0						
125	126	X	-	-	-	325,0	600,0	-	215,0	110,0	139,7	6,3
		-	X	OPTION	OPTION							
150	152	X	-	-	-	350,0	457,0	-	253,0	137,0	168,3	7,1
		-	X	OPTION	OPTION							
200	202	-	X	X	OPTION	457,0	521,0	-	252,0	203,0	219,1	8,8
250	253	-	X	X	OPTION	533,0	559,0	-	315,0	248,0	273,9	10,0
300	304	-	X	X	OPTION	610,0	635,0	-	355,0	288,0	323,9	10,0
350	336	-	X	X	OPTION	686,0	762,0	-	378,0	311,0	355,6	11,0
400	386	-	X	X	X	762,0	838,0	-	433,0	480,0	406,4	12,5
500	488	-	X	X	X	914,0	991,0	-	561,0	570,0	508,0	12,5
600	588	-	X	X	X	1067,0	1143,0	-	654,0	682,0	610,0	12,5
700	648	-	X	X	X	1245,0	1346,0	-	806,0	790,0	711,0	14,2
800	780	-	X	X	X	1372,0	1524,0	-	890,0	900,0	813,0	16,0

WEIGHT [kg]

DN	FxF			WxW			GxG		
	PN 16	PN 25	PN 40	PN 16	PN 25	PN 40	PN 16	PN 25	PN 40
15	2,5	2,5	2,5	1,2	1,2	1,2	1,2	1,2	1,2
20	3,5	3,5	3,5	1,6	1,6	1,6	1,5	1,5	1,5
25	4,9	4,9	4,9	3,0	3,0	3,0	3,1	3,1	3,1
32	5,1	5,1	5,1	3,1	3,1	3,1	2,8	2,8	2,8
	6,1	6,1	6,1						
40	5,9	5,9	5,9	3,5	3,5	3,5	3,9	3,9	3,9
	7,3	7,3	7,3						
50	7,6	7,6	7,6	4,6	4,6	4,6	5,1	5,1	5,1
	17,0	17,0	17,0						
65	10,4	10,4	10,4	8,4	8,4	8,4	9,4	9,4	9,4
	15,3	15,3	15,3						
80	14,4	14,4	14,4	13,5	13,5	13,5	15,8	15,8	15,8
	22,0	22,0	22,0						
100	21,0	23,0	23,0	28,0	28,0	28,0	-	-	-
	26,0	36,0	36,0	30,0	30,0	30,0			
125	46,0	57,0	57,0	51,0	51,0	51,0	-	-	-
	48,0	59,0	59,0	53,0	53,0	53,0			
150	75,0	85,0	85,0	79,0	79,0	79,0	-	-	-
	77,0	87,0	87,0	81,0	81,0	81,0			
200	145,0	148,0	157,0	130,0	130,0	130,0	-	-	-
250	264,0	276,0	293,0	240,0	240,0	240,0	-	-	-
300	448,0	463,0	487,0	421,0	421,0	421,0	-	-	-
350	589,0	617,0	631,0	557,0	557,0	557,0	-	-	-
400	950,0	980,0	1030,0	900,0	900,0	900,0	-	-	-
500	1690,0	1730,0	1770,0	1610,0	1610,0	1610,0	-	-	-
600	2640,0	2645,0	2890,0	2570,0	2570,0	2570,0	-	-	-
700	4234,0	4318,0	4427,0	4126,0	4126,0	4126,0	-	-	-
800	5380,0	6460,0	6295,0	6145,0	6145,0	6145,0	-	-	-

ADDITIONAL COMMENTS:

Flange dimension acc. to EN 1092-1
 Flanges standard sealing surface: B2 acc. to EN 1092-1
 Butt-Weld Ends acc. to EN 12627
 Dimensions D1 and T to agree
 Threaded end acc. to ISO 228-1 or ASME B1.20.1

X = Available
 F = Floating ball
 t = Trunnion mounted ball
 DBB = Double Block and Bleed
 IS = Injection System
 FxF = Flanged ends
 WxW = Butt-Weld ends
 GxG = Threaded ends

