

3-piece Ball Valve with welding ends KH-WA-3AEM-FS High Performance

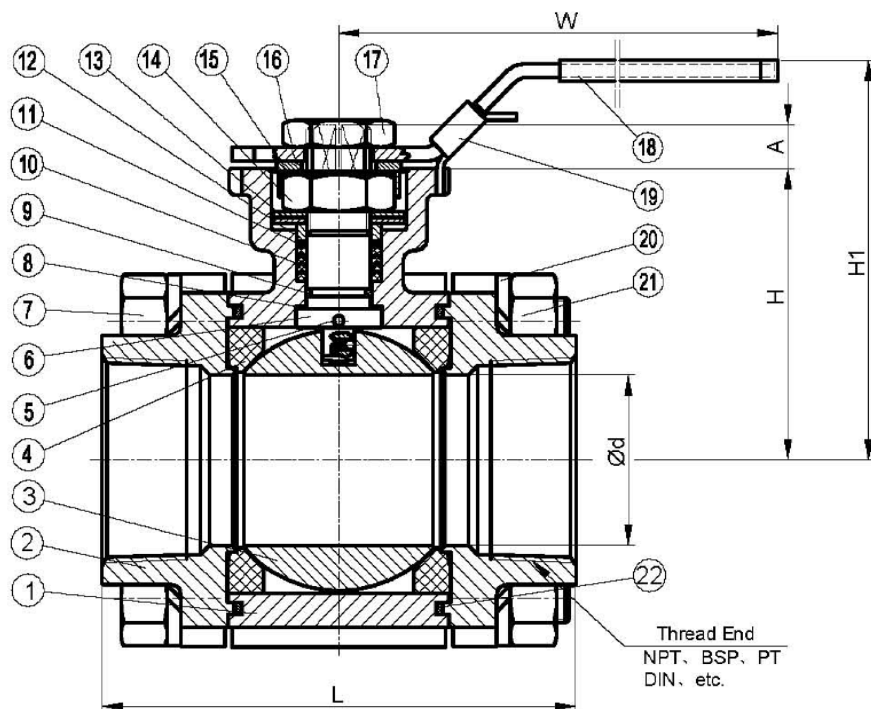
ISO-direkt



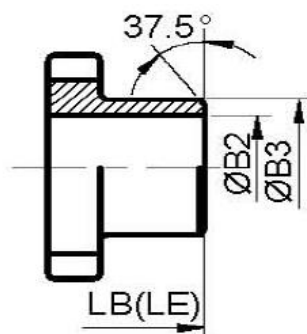
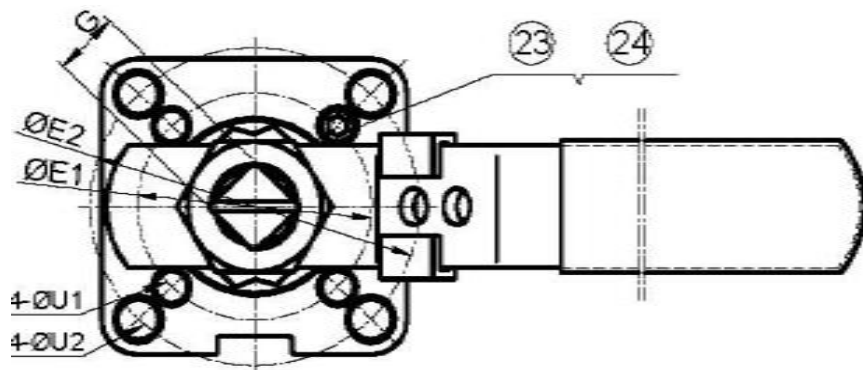
Nominal Pressure: PN 100 / 138
Face to face acc. to DIN 3202-S13
Welding ends on both sides acc. to DIN 2463
Body: Stainless Steel (CF8M)
Ball: Stainless Steel (CF8M)
Ball Seats: TFM 4215
Full Bore
Anti-Static-Design
Pressure balance hole in the ball
incl. lockable handlever

Certificates/Tests: FireSafe acc. to ISO 10497-5

Nominal Diameter		Nominal Pressure	Article number
1/4"	DN 8	PN 138	KH-WA-3AEM-FS-08
3/8"	DN 10	PN 138	KH-WA-3AEM-FS-10
1/2"	DN 15	PN 138	KH-WA-3AEM-FS-15
3/4"	DN 20	PN 138	KH-WA-3AEM-FS-20
1"	DN 25	PN 138	KH-WA-3AEM-FS-25
1 1/4"	DN 32	PN 100	KH-WA-3AEM-FS-32
1 1/2"	DN 40	PN 100	KH-WA-3AEM-FS-40
2"	DN 50	PN 100	KH-WA-3AEM-FS-50



Material of Construction					
No.	Part Name	Material	No.	Part Name	Material
1	Body	CF8M	13	Belleville washer	301
2	End caps	CF8M	14	Spindle nut	A194-8
3	Ball	CF8M	15	Rotation lock	304
4	Ball Seat	TFM4215	16	Spacer	304
5	Anti-Static-Device	316	17	Handle nut	304
6	Spindle	316	18	Handle sleeve	Vinyl-Plastik
7	Bolts	A193-B8	19	Handlelever with locking device	304
8	Bushing	TFM1600+15%Carbon	20	Distance plate	304
9	O-Ring	FKM (Viton)	21	Body screw	A194-8
10	Stem Packing (V-Ring)	PTFE/Graphit	22	Body gasket	PTFE/SS316+Graphit
11	Bearing bush	50% SS + 50% PTFE	23	Handle stop	A193-B8
12	Support ring	316	24	Nuts	304



LB(But-Welding End) KV-L81
LE(Extended Butt-Welding End)

Dimensions in mm																			
Nominal Diameter		Ød	L	LB	LE	H	H1	ØE1	ØE2	G	ØU1	ØU2	A	W	L1	ØB1	ØB2	ØB3	ISO5211
DN8	1/4"	10,6	75	70	165	43	83,0	36	42	9	6	6	7	135	10	14	7,6	18	F03-F04
DN10	3/8"	12,7	75	70	165	43	83,0	36	42	9	6	6	7	135	10	18	10,7	18	F03-F04
DN15	1/2"	15,0	75	75	165	43	83,0	36	42	9	6	6	7	135	10	22	13,9	22	F03-F04
DN20	3/4"	20,0	80	90	190	43	77,0	36	50	9	6	7	9	135	13	27,5	18,8	28	F03-F04
DN25	1"	25,0	90	100	216	50	87,5	42	50	11	6	7	11	170	13	34,5	24,3	34	F04-F05
DN32	1 ¼"	32,0	110	110	229	58	103,0	42	70	11	6	9	11	170	16	43	32,5	43	F04-F07
DN40	1 ½"	38,0	120	125	241	63	106,0	50	70	14	7	9	14	200	16	48,6	38,1	50	F05-F07
DN50	2"	50,0	140	150	292	74,5	117,0	50	70	14	7	9	14	200	17	61,2	49,2	61	F05-F07

Face to face acc. to DIN3202 S13