



Nominal Pressure: PN 40

Form: with welding ends acc. to EN 12627/ASME B16.25

Body: Stainless Steel (1.4408)

Ball: Stainless Steel (1.4408)

Ball Seats: TFM 1600

Full Bore with L- or T-Bore

Blow-out Proof Stem in Stainless Steel

Anti-Static-Design

**Operation: lockable handlelever,
optional with gearbox with handwheel**

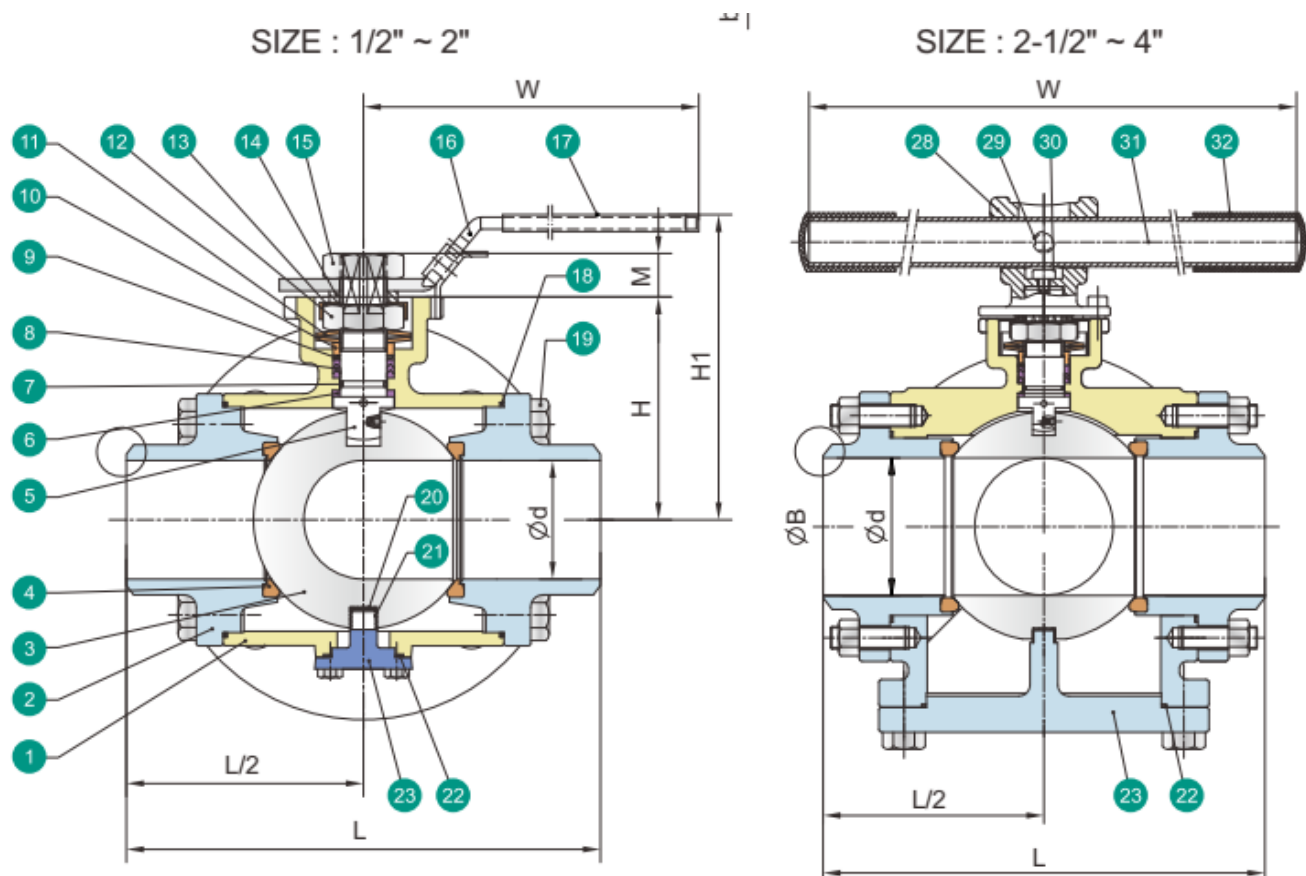
Tests/Certificates:

ATEX, TA-Luft VDI 2440, AD 2000, LR, DNV-GL

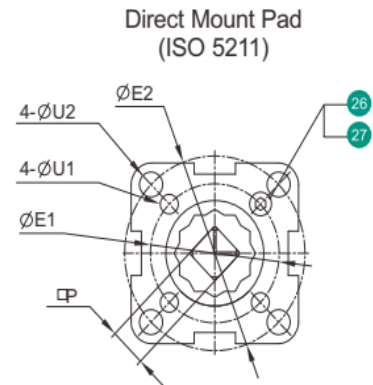
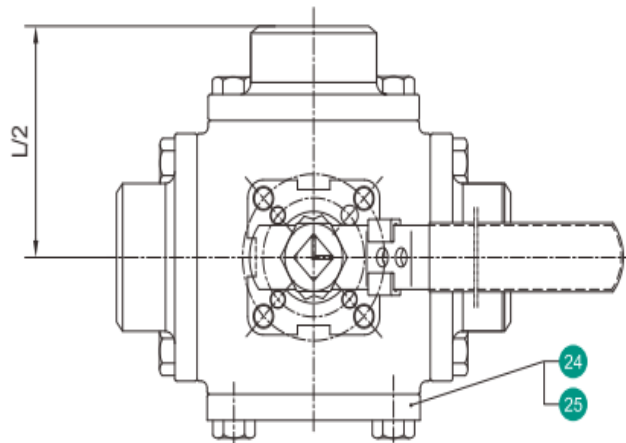
Nominal Diameter	Nominal Pressure	Articlenumber with L-Bore	Articlenumber with T-Bore
DN15	PN 40	KH-WA-AE3W-15-EL	KH-WA-AE3W-15-ET
DN20	PN 40	KH-WA-AE3W-20-EL	KH-WA-AE3W-20-ET
DN25	PN 40	KH-WA-AE3W-25-EL	KH-WA-AE3W-25-ET
DN32	PN 40	KH-WA-AE3W-32-EL	KH-WA-AE3W-32-ET
DN40	PN 40	KH-WA-AE3W-40-EL	KH-WA-AE3W-40-ET
DN50	PN 40	KH-WA-AE3W-50-EL	KH-WA-AE3W-50-ET
DN65	PN 40	KH-WA-AE3W-65-EL	KH-WA-AE3W-65-ET
DN80	PN 40	KH-WA-AE3W-80-EL	KH-WA-AE3W-80-ET

Flow Patterns

		L-Bohrung	T-Bohrung			
Position	90°					
	0°					
Schaltstellung		L	T1	T2	T3	T4



Material of Construction					
No.	Part Name	Material	No.	Part Name	Material
1	Body	1.4408	17	Handle Sleeve (1/2" - 2")	Vinyl Plastic
2	End Cap	1.4408	18	Body Gasket	PTFE/Grafoil
3	Ball	1.4408	19	Bolting	A194-8
4	Ball Seat	TFM 1600	20	Washer	PTFE
5	Stem	316	21	Jacket	PTFE
6	Thrust Washer	PTFE	22	Body Gasket	PTFE/Grafoil
7	O-Ring	FKM	23	Bottom Cap	1.4408
8	Packing	PTFE/Grafoil	24	End Cap	1.4408
9	Bushing	304	25	Body Gasket (2 1/2" - 4")	PTFE/Grafoil
10	Gland	316	26	Stop Bolt	A2-70
11	Belleville Washer	301	27	Stop Nut	A2-70
12	Stem Nut	A194-8	28	Handle Adapter (2 1/2" - 4")	CF8
13	Stop-lock-cap	304	29	Set Screwed (2 1/2" - 4")	A2-70
14	Handle Gland	304	30	Bolting (2 1/2" - 4")	A2-70
15	Handle Nut (1/2" - 2")	304	31	Pipe Handle	A53 + plated Zn
16	Handle-Lock Device (1/2" - 2")	304	32	Handle Sleeve (2 1/2" - 4")	Vinyl Plastic



Dimensions in mm															
Nominal Diameter		d	L	A	B	b	H	H1	W	P	M	U1	U2	E1	E2
DN15	1/2"	15	150	21.3	15.0	1.5	53	83	145	9	9	6	6	36	42
DN20	3/4"	20	150	26.7	20.0	1.5	57	87	145	9	9	6	7	36	50
DN25	1"	25	155	33.4	26.6	1.5	68	99	175	11	11	6	7	42	50
DN32	1 1/4"	32	180	42.0	35.1	1.5	72	103	175	1	11	6	9	42	70
DN40	1 1/2"	38	186	48.3	40.9	1.5	85	119	200	14	14	7	9	50	70
DN50	2"	49	206	60.3	52.5	1.5	92	126	200	14	14	7	9	50	70
DN65	2 1/2"	60	290	73.0	62.7	1.5	107	175	400	17	17	9	11	70	102
DN80	3"	75	310	78.0	78.0	2.0	118	187	400	17	17	9	11	70	102