



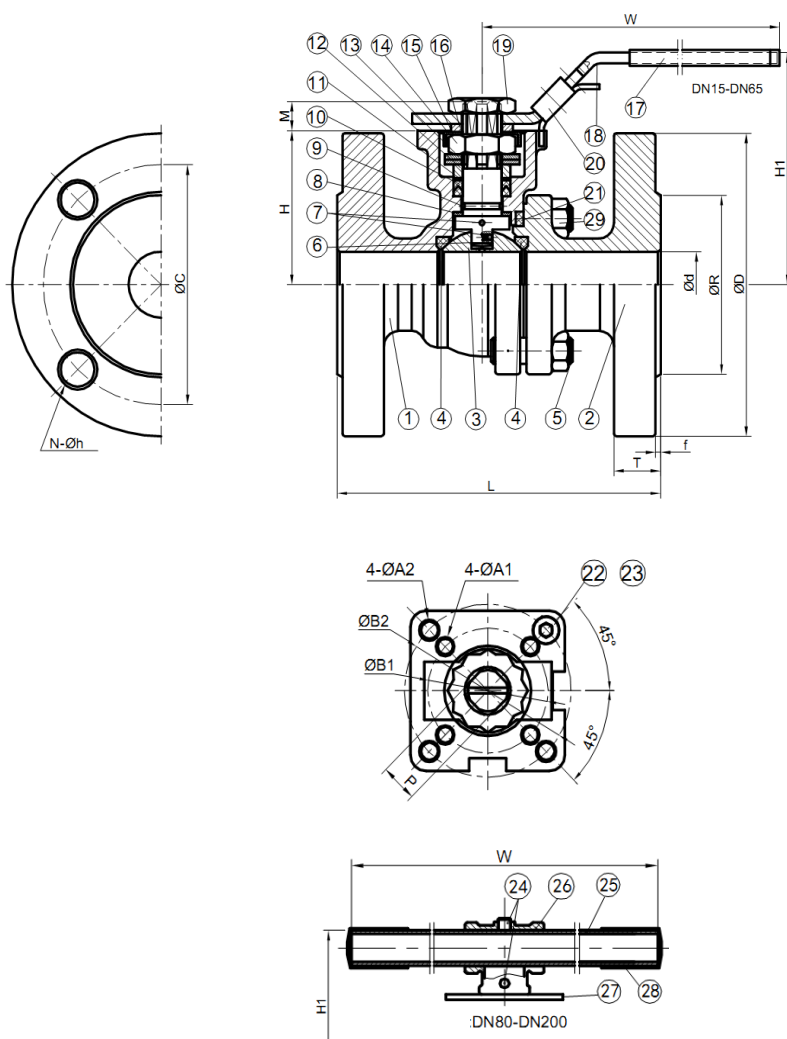
Nominal pressure: PN 10 / 16 / 25 / 40
Face to face acc. to EN558-1 R 28
Flanges acc. to DIN EN 1092-1 B1
Body: Carbon Steel (1.0619)
Ball: Stainless steel (1.4308)
Ball Seats: TFM 1600
Full Bore
Blow-out Proof Stem in Stainless steel
Anti-Static Device
Operation: Lockable Hand Lever,
optional with gearbox and handwheel

Tests/Certificates:

ATEX, TA-Luft VDI 2440, FireSafe acc. to ISO 10497-5, AD 2000, SIL, LR, DNV-GL, BV, TR CU 010

Nominal Diameter	Nominal Pressure	Article number
DN15	PN40	KH-WA2FLLS-15-40
DN20	PN40	KH-WA2FLLS-20-40
DN25	PN40	KH-WA2FLLS-25-40
DN32	PN40	KH-WA2FLLS-32-40
DN40	PN40	KH-WA2FLLS-40-40
DN50	PN40	KH-WA2FLLS-50-40
DN65	PN16	KH-WA2FLLS-65-16
	PN40	KH-WA2FLLS-65-40
DN80	PN16	KH-WA2FLLS-80-16
	PN40	KH-WA2FLLS-80-40
DN100	PN16	KH-WA2FLLS-100-16
	PN40	KH-WA2FLLS-100-40

Dimensions in mm																			
Nominal Diameter	$\varnothing d$	long (F1) R 28		short (F4) R 27		$\varnothing R$	$\varnothing D$	$\varnothing C$	f	T	N	$\varnothing h$	H	H1	M	P	A1	A2	B1
		L	kg	L	kg														B2
PN16																			
DN15	15	130	2,41	115	2,36	45	95	65	2	16	4	14	48	78	9	9	6	6	36
DN20	20	150	3,23	120	3,16	58	105	75	2	18	4	14	53	84	9	9	6	6	36
DN25	25	160	4,37	125	4,09	68	114	85	2	18	4	14	58,5	89,3	11	11	6	7	42
DN32	32	180	5,95	130	5,51	78	140	100	2	18	4	18	71	101	11	11	6	7	42
DN40	38	200	7,8	140	7,2	88	150	110	3	18	4	18	76	107	14	14	7	9	50
DN50	50	230	10,4	150	9,7	102	165	125	3	20	4	18	85	116	14	14	7	9	50
DN65	63,5	290	15,5	170	13,83	122	185	145	3	18	4	18	101,5	150	17	17	9	11	70
DN80	76	310	20,06	180	17,95	138	200	160	3	20	8	18	111,5	176	17	17	9	11	70
DN100	100	350	28,64	190	25,7	158	220	180	3	20	8	18	140	205	22	22		11	102



Material of construction		
No.	Part Name	Material
		DIN
1	Body	1.0619
2	End Cap	1.0619
3	Ball	1.4308
4	Ball Seat	TFM1600
5	Bolting	8.8
6	Stem	304
7	Anti-Static-Device	304
8	Trust Washer	TFM1600
9	O-Ring	FKM
10	Stem Packing	Graphit
11	Bushing	304
12	Gland	316
13	Belleville Washer	301
14	Stem Nut	A194-8
15	Stop-lock-cap	304
16	Washer	304
17	Handle Sleeve	Vinyl-Plastic
18	Hand lever (up to DN65)	304
19	Handle Nut	A194-8
20	Locking Device	304
21	Body Gasket	316 Spiral Wound+ Graphit
22	Handle Adapter	Stainless Steel A351-CF8
23	90° Stop Bolt	304
24	Gear Box (optional)	GG 25 / Stainless Steel A304
25	Pipe Handle (from DN80)	Galvanised Steel
26	Handle-Adapter	A351-CF8
27	90°-Stop Bolt	304
28	Handle Sleeve	Vinyl-Plastic
29	Stem Nut	A2-70