



OPUS VLA-816/840F-KV/LV-M



2pc-Design Stainless Steel Ball Valve
Flange connection

DN15 - DN100

- 2pc desing
- For automation application / with hand lever
- Flanges acc. DIN EN 1092-1
- Pressure rating **PN16**, flanges acc. DIN 2635
- Pressure rating **PN40**, flanges acc. DIN 2635
- Length acc.:

Standard	Series	
EN558-1	27	1
DIN 3202 Teil 1	F4	F1
EPI - type	KV	LV

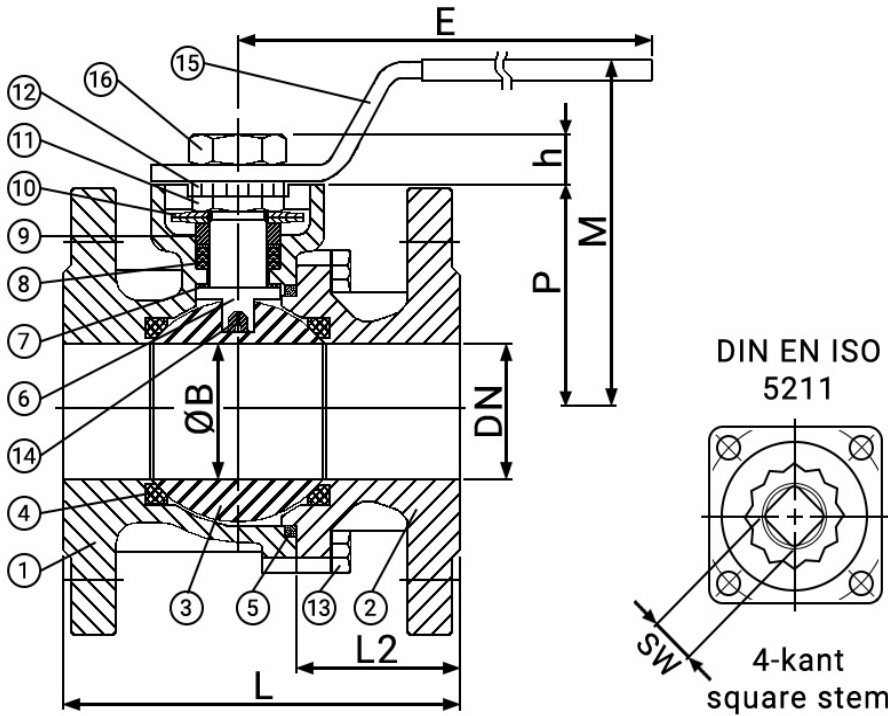
- Mounting flange acc. ISO 5211
- Temperature range -10°C / 200°C
- Anti-Blow-Out stem
- Fire-Safe Design

On request:

- Further sealing materials
- usable for steam applications
- Fire Safe (full function)
- Further options

Standard		
ISO9001	PED	TA Luft
Antistatic		

On request	
FDA	EC1935
Fire Safe	



Parts list	Qty.	Material
1 Body	1	1.4408
2 Cap	1	1.4408
3 Ball	1	1.4408
4 Ball seat	2	RPTFE ³
5 Body seal	1	PTFE
6 Stem	1	1.4401
7 Thrust washer	1	PTFE
8 Stem packing	1 Set	PTFE ¹
9 Gland ring	1	1.4301
10 Disc spring	2	1.4310
11 Gland nut	1	1.4301
12 Retainer	1	1.4301
13 Screw	1 Set	A2-70
14 Antistatic device	1	1.4401 ²
15 Hand lever	1	1.4301
16 Nut	1	1.4301

¹ Type VLA PTFE/PTFE conductive
² Only type VLA
³ PTFE reinforced with glass fiber

DN	Inch	L		ØB	L2		P	M	E	FB*	h	SW	ISO 5211	816		840		[kg]			
		KV (F4)	LV (F1)		Nm	a								Nm	a	816KV	816LV	840KV	840LV		
15	1/2"	115	130	15	48,5	63,5	50	92	180	4	11	11	F05	12	16	2,7	2,65	2,7	2,65		
20	3/4"	120	150	20	51,5	81,5	53,5	95,5	180	4	11	11	F05	14	18	3,4	3,5	3,4	3,5		
25	1"	125	160	25	52	87	58,5	100,5	180	4	14	14	F05	18	24	4,2	4,4	4,2	4,4		
32	1-1/4"	130	180	32	57	107	71	113	180	4	14	14	F05	32	44	6	6,25	6	6,25		
40	1-1/2"	140	200	40	59	119	76	122,5	300	4	17	17	F07	42	55	8,1	8,7	8,1	8,7		
50	2"	150	230	50	62	142	83,5	130	300	4	17	17	F07	47	61	10,6	11,6	10,6	11,6		
65	2-1/2"	170	290	65	72	192	95	141,5	300	8 ^b	17	17	F07	72	98	13,5	15,6	14,6	15,9		
80	3"	180	310	77	71	201	113	194,5	400	8	22	22	F10	124	161	19,3	21,5	20,8	22,9		
100	4"	190	350	100	75,5	235,5	131	212,5	400	8	22	22	F10	169	220	27,4	31,2	30,1	33,85		

Dimensions in mm

* FB=Flange drillings
 a incl. 30% safety factor
 → For further information please see the torque table
 b 4-drillings flange type on request