

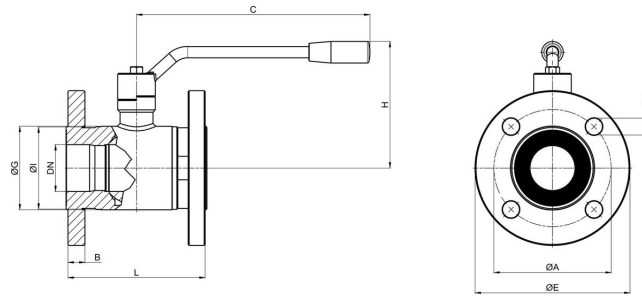
Stainless steel flanged ball valve Type BA489-LLD-OH



Design type	Full port ball valve with floating ball, full bore passage
Actuation	by 90° rotation of the hand lever
Connection	rotatable flanges according to EN1092-1
Materials	Housing Stainless steel AISI316L polished, Ball Stainless steel AISI316L, Stainless steel hand lever 1.4307 plasticized, Ball seal MPTFE, Spindle seal PTFE, O-ring EPDM
Application range	Fluids and gases of group 1 and 2 in accordance with PED 2014/68/EU that do not attack the materials used.
Medium temperature	-20...+150°C
Mounting type	Installation in rigid piping system
Mounting position	any
Special version	Hand lever with shut-off device oil- and grease-free version for hydrogen and oxygen
Approvals	Mill test certificate 3.1 ATEX II 2G Ex h IIC T4 Gb / II 2D Ex h IIIC T135°C Db



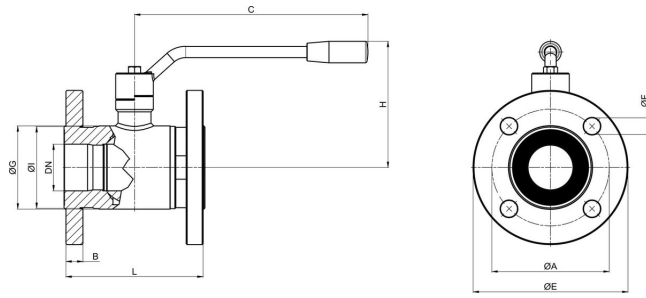
Dimensions DN15



Nominal size DN[mm]	Flange according to EN1092-1	max. Operating pressure [bar]	A	B	C	ØE	F	ØG	H	ØI	L	Kv value [m ³ /h]	Weight [approx. kg]	Type
15	PN40	40	65	12	125	95	4 x Ø 14	35	74	34	115	20	1,8	BA489-15-LLD-A0H3C
3301.V90-QM118 3301.V90-QM107 3301.V90-QM108 3301.V90-QM81 3301.V90-QM04 3302.V90-QM118 3302.V90-QM107 3302.V90-QM108 3302.V90-QM81 3302.V90-QM04 3303.V90-QM118 3303.V90-QM107 3303.V90-QM108 3303.V90-QM81 3303.V90-QM04 3304.V90-QM118 3304.V90-QM107 3304.V90-QM108 3304.V90-QM81 3304.V90-QM04 3305.V90-QM118 3305.V90-QM107 3305.V90-QM108 3305.V90-QM81 3305.V90-QM04 3306.V90-QM118 3306.V90-QM107 3306.V90-QM108 3306.V90-QM81 3306.V90-QM04 3307.V90-QM118 3307.V90-QM107 3307.V90-QM108 3307.V90-QM81 3307.V90-QM04 3308.V90-QM118 3308.V90-QM107 3308.V90-QM108 3308.V90-QM81 3308.V90-QM04 3309.V90-QM118 3309.V90-QM107 3309.V90-QM108 3309.V90-QM81 3309.V90-QM04 3310.V90-QM118 3310.V90-QM107 3310.V90-QM108 3310.V90-QM81 3310.V90-QM04														



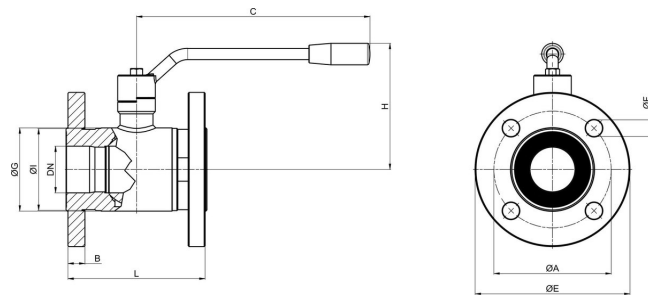
Dimensions DN25



Nominal size DN[mm]	Flange according to EN1092-1	max. Operating pressure [bar]	A	B	C	ØE	F	ØG	H	ØI	L	Kv value [m ³ /h]	Weight [approx. kg]	Type
25	PN40	40	85	14	170	115	4 x Ø 14	52	92	51	125	100	3,45	BA489-25-LLD-A0H3C
3301.V90-QM134 3301.V90-QM13 3301.V90-QM131 3301.V90-QM47 3302.V90-QM134 3302.V90-QM13 3302.V90-QM131 3302.V90-QM47 3303.V90-QM134 3303.V90-QM13 3303.V90-QM131 3303.V90-QM47 3304.V90-QM134 3304.V90-QM13 3304.V90-QM131 3304.V90-QM47 3305.V90-QM134 3305.V90-QM13 3305.V90-QM131 3305.V90-QM47 3306.V90-QM134 3306.V90-QM13 3306.V90-QM131 3306.V90-QM47 3307.V90-QM134 3307.V90-QM13 3307.V90-QM131 3307.V90-QM47 3308.V90-QM134 3308.V90-QM13 3308.V90-QM131 3308.V90-QM47 3309.V90-QM134 3309.V90-QM13 3309.V90-QM131 3309.V90-QM47 3310.V90-QM134 3310.V90-QM13 3310.V90-QM131 3310.V90-QM47 2511.V90-QM26 2511.V90-QM27 2511.V90-QM80 2513.V90-QM03 2521.V90-QM25 2521.V90-QM26 2521.V90-QM65 2522.V90-QM03 2511.V90-QM48 2531.V90-QM61 2511.V90-QM81 2513.V90-QM48 2521.V90-QM52 2521.V90-QM43 2521.V90-QM27 2522.V90-QM06 2511.V90-QM49 2531.V90-QM62 2511.V90-QM82 2513.V90-QM49 2521.V90-QM53 2521.V90-QM44 2521.V90-QM28 2522.V90-QM07 2511.V90-QM73 2531.V90-QM63 2511.V90-QM83 2513.V90-QM50 2521.V90-QM54 2521.V90-QM45 2521.V90-QM29 2522.V90-QM08 2511.V90-QM74 2531.V90-QM64 2511.V90-QM84 2513.V90-QM51 2521.V90-QM55 2521.V90-QM46 2521.V90-QM66 2522.V90-QM09 2511.V90-QM75 2531.V90-QM52 2511.V90-QM85 2513.V90-QM52 2521.V90-QM56 2521.V90-QM47 2521.V90-QM67 2522.V90-QM10 2511.V90-QM76 2531.V90-QM53 2511.V90-QM86 2513.V90-QM53 2521.V90-QM57 2521.V90-QM48 2521.V90-QM68 2522.V90-QM11 2511.V90-QM77 2531.V90-QM54 2511.V90-QM87 2513.V90-QM54 2521.V90-QM58 2521.V90-QM49 2521.V90-QM69 2522.V90-QM12 2511.V90-QM78 2531.V90-QM65 2511.V90-QM88 2513.V90-QM55 2521.V90-QM59 2521.V90-QM50 2521.V90-QM70 2522.V90-QM13 2511.V90-QM79 2531.V90-QM66 2511.V90-QM89 2513.V90-QM56 2521.V90-QM60 2521.V90-QM51 2521.V90-QM71 2522.V90-QM14 2111.V90-QM02 2111.V90-QM05 2111.V90-QM06 2111.V90-QM10 2111.V90-QM12 2111.V90-QM13 2111.V90-QM14 2111.V90-QM15 2112.V90-QM01 2112.V90-QM03 2112.V90-QM05 2112.V90-QM06 2112.V90-QM07 2112.V90-QM08 2112.V90-QM09 2112.V90-QM10 2112.V90-QM11 2112.V90-QM15 2511.V90-QM01 2511.V90-QM02 2511.V90-QM59 2511.V90-QM60 2511.V90-QM61 2511.V90-QM62 2511.V90-QM63 2511.V90-QM64 2511.V90-QM66 2511.V90-QM67 2511.V90-QM69 2511.V90-QM70 2511.V90-QM90 2511.V90-QM91 2511.V90-QM92 2511.V90-QM94 2511.V90-QM95 2521.V90-QM01 2521.V90-QM02 2521.V90-QM41 2521.V90-QM61 2521.V90-QM62 2521.V90-QM63 2521.V90-QM64 2521.V90-QM72 2521.V90-QM73 2995.V90-QM28 2111.V90-QM01 2111.V90-QM16 2111.V90-QM17 2111.V90-QM18 2111.V90-QM19 2112.V90-QM31 2112.V90-QM62 2112.V90-QM94 2521.V90-QM101 2521.V90-QM102 2521.V90-QM104 2521.V90-QM107 2521.V90-QM108														



Dimensions DN40 und DN50



Nominal size DN[mm]	Flange according to EN1092-1	max. Operating pressure [bar]	A	B	C	ØE	F	ØG	H	ØI	L	Kv value [m ³ /h]	Weight [approx. kg]	Type
40	PN40	40	110	16	240	148	4 x Ø 18	73	130	75	140	170	6,45	BA489-40-LLD-A0H3C
2996.V90-QM31														
50	PN40	40	125	18	240	165	4 x Ø 18	89	135	89	150	280	8,9	BA489-50-LLD-A0H3C
3301.V90-QM74 3301.V90-QM75 3301.V90-QM68 3302.V90-QM74 3302.V90-QM75 3302.V90-QM68 3303.V90-QM74 3303.V90-QM75 3303.V90-QM68 3304.V90-QM74 3304.V90-QM75 3304.V90-QM68 3305.V90-QM74 3305.V90-QM75 3305.V90-QM68 3306.V90-QM74 3306.V90-QM75 3306.V90-QM68 3307.V90-QM74 3307.V90-QM75 3307.V90-QM68 3308.V90-QM74 3308.V90-QM75 3308.V90-QM68 3309.V90-QM74 3309.V90-QM75 3309.V90-QM68 3310.V90-QM74 3310.V90-QM75 3310.V90-QM68 2521.V90-QM03 2521.V90-QM04 2521.V90-QM05 2521.V90-QM06 2521.V90-QM07 2521.V90-QM08 2521.V90-QM09 2521.V90-QM10 2521.V90-QM11 2521.V90-QM12 2521.V90-QM13 2521.V90-QM14 2521.V90-QM15 2521.V90-QM16 2521.V90-QM17 2521.V90-QM18 2521.V90-QM19 2521.V90-QM21 2521.V90-QM20 2521.V90-QM22 2111.V90-QM20 2111.V90-QM22														

Illustrations non-binding Design, dimensional and material changes reserved

Armatures / Ball valves - manually operated / Other materials - A02 / Flanged ball valve Series BA489 / [BA489-15-LLD-A0H3C] Flanged ball valve BA489-15-LLD-A0H3C

