

Ball Valve with Weld Ends for underground installation

BBF/KSF-R-HE, DN 25-150, PN 25



Standard Materials:

Body:	Forged Steel / Steel
Ball:	Stainless Steel
Stem:	Stainless Steel
Ball seals:	PTFE
Stem seals:	EPDM

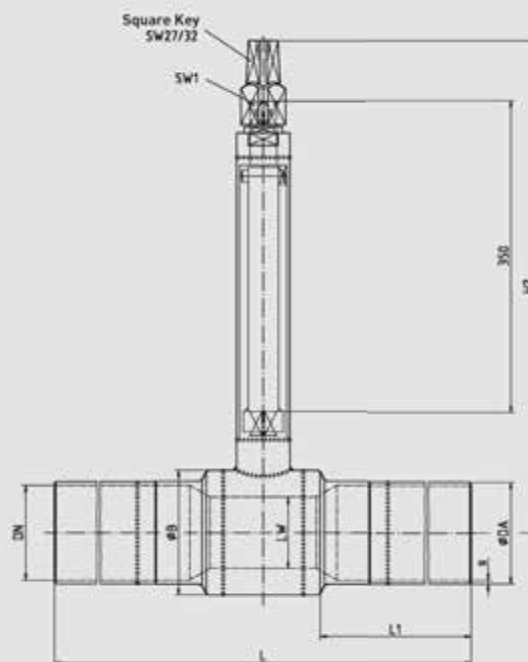
Operating Temperature: up to +150 °C

Reduced Bore

Ball Valves fulfill the requirements of EN 488 and are suitable for the cold laying method

Design Features:

- From DN150 a trunnion mounted ball is standard.
- The square key is included in the delivery.



For deviating operating conditions please send us a written request stating the fluids, as well as the pressure and temperature range.

Further options for these ball valves are listed on page 48.

DN/LW	PN	DA	s*	L	L1	B	H2	SW1	Weight	Item No.
mm	bar	mm	mm	mm	mm	mm	mm	mm	kg	
25/20	25	33,7	2,3	1500	715	44	462	16	7,0	076.0143
32/25	25	42,4	2,6	1500	715	54	465	16	9,0	076.0108
40/32	25	48,3	2,6	1500	712	64	488	16	11,0	076.0112
50/40	25	60,3	2,9	1500	710	76	493	16	12,5	076.0045
65/50	25	76,1	2,9	1500	705	89	501	16	17,0	076.0047
80/65	25	88,9	3,2	1500	694	121	515	16	22,0	076.0049
100/80	25	114,3	3,6	1500	688	140	549	22	30,0	076.0080
125/100	25	139,7	3,6	1500	680	171	562	22	39,5	076.0097
150/125	25	168,3	4,0	1500	667	203	581	22	51,3	076.0104

* The alignment of the wall thickness of the pipe end is carried out according to measurement „s“. The actual wall thicknesses used can be found in the table on page 13 of this catalogue.

Ball Valve with Weld Ends for underground installation

BBF/KSF-R-HE, DN200-400, PN25

Reduced Bore



Standard Materials:

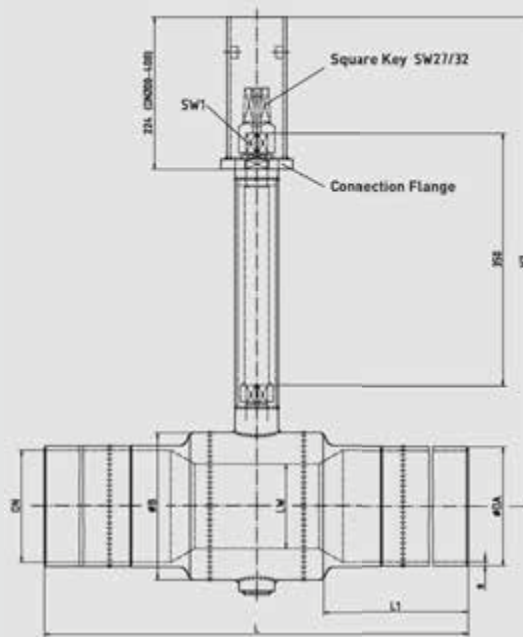
- Body:** Forged Steel / Steel
- Ball:** Stainless Steel
- Stem:** Stainless Steel
- Ball seals:** PTFE
- Stem seals:** EPDM

Operating Temperature: up to +150 °C

Ball Valves fulfill the requirements of EN 488 and are suitable for the cold laying method

Design features:

- The trunnion mounted ball is standard.
- For the operation of valves DN200 and above we recommend the use of a plug in gear box. The flange connection required for the use of the plug in gear box as well as the square key is included in the delivery.



For deviating operating conditions please send us a written request stating the fluids, as well as the pressure and temperature range.

Further options for these ball valves are listed on page 48.

DN/LW	PN	DA	s*	L	L1	B	H2	SW1	Weight	Item No.
mm	bar	mm	mm	mm	mm	mm	mm	mm	kg	
200/150	25	219,1	4,5	1500	648	254	725	32	100	076.0106
250/200	25	273,0	5,0	1500	625	324	760	32	140	076.0114
300/250	25	323,9	5,6	2000	817	407	900	32	380	076.0116
350/300	25	355,6	5,6	2000	769	508	942	32	645	076.0118
400/300	25	404,6	6,3	2000	770	508	942	32	680	076.0154

* The alignment of the wall thickness of the pipe end is carried out according to measurement „s“. The actual wall thicknesses used can be found in the table on page 13 of this catalogue.

Ball Valve with Weld Ends for underground installation

BBF/KSF-R, DN 450-1200, PN 25



Standard Materials:

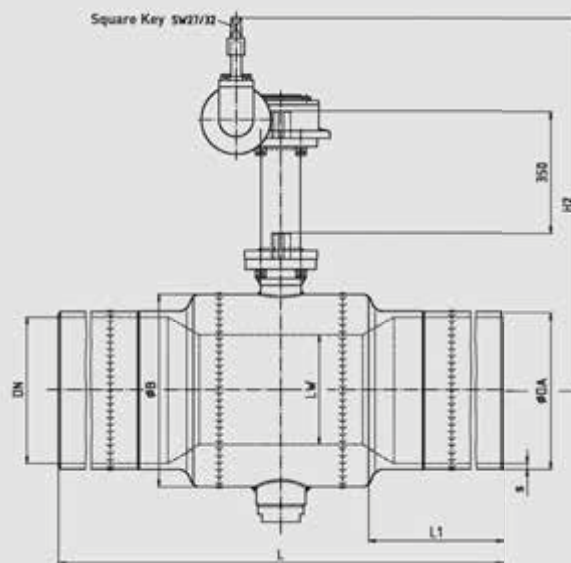
Body:	Forged Steel / Steel
Ball:	up to DN 500: Stainless Steel from DN 600: Steel, chemically nickel plated (ENP)
Stem:	Stainless Steel
Ball seals:	PTFE
Stem seals:	EPDM
Operating Temperature:	up to +150 °C

Reduced Bore

Ball Valves fulfill the requirements of EN 488 and are suitable for the cold laying method

Design features:

- The trunnion mounted ball is standard.
- The angular gear and the square key are included in the delivery.



For deviating operating conditions please send us a written request stating the fluids, as well as the pressure and temperature range.

Further options for these ball valves are listed on page 48.

DN/LW	PN	DA	s*	L	L1	B	H2	Weight	Item No.
mm	bar	mm	mm	mm	mm	mm	mm	kg	
450/400	25	457,0	6,3	2000	720	660	1122	1120	076.0124
500/400	25	508,0	6,3	2000	620	660	1122	1400	076.0126
600/500	25	610,0	7,1	2500	657	814	1280	2400	076.0128
700/600	25	711,0	8,0	1316	245	955	on request	ca. 3200	on request
800/700	25	813,0	8,8	1346	213	1116	on request	ca. 4700	on request
900/800	25	914,0	10,0	1727	595	1261	on request	ca. 6000	on request
1000/900	25	1016,0	11,0	1800	572	1396	on request	ca. 7700	on request
1200/1000	25	1220,0	12,5	2800	1076	1561	on request	ca. 12000	on request

Ball Valves DN700 and above will be custom designed to meet order specifications. Please take note of the drawings submitted in case of an order.

* The alignment of the wall thickness of the pipe end is carried out according to measurement „s“. The actual wall thicknesses used can be found in the table on page 13 of this catalogue.