

# Ball Valve with Weld Ends for underground installation

## BBF/KSF-V-HE, DN 20-125, PN 25

Full Bore



### Standard Materials:

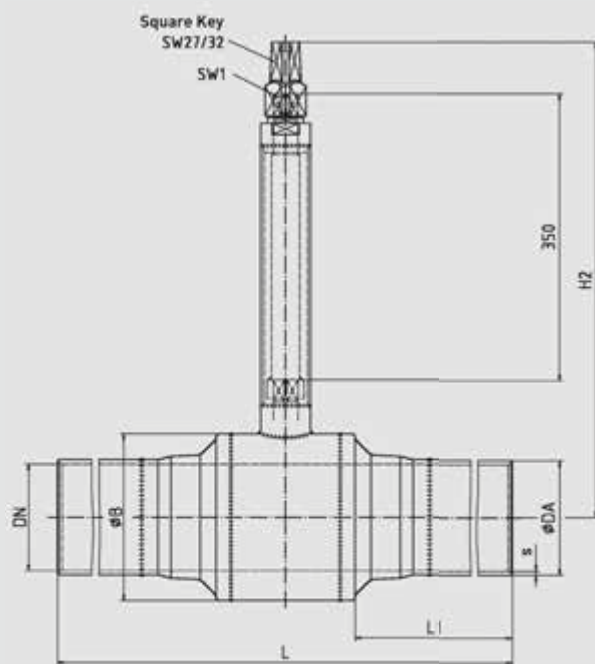
<b>Body:</b>	Forged Steel / Steel
<b>Ball:</b>	Stainless Steel
<b>Stem:</b>	Stainless Steel
<b>Ball seals:</b>	PTFE
<b>Stem seals:</b>	EPDM

**Operating Temperature:** up to +150 °C

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

### Design Features:

- From DN125 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	PN	DA	s*	L	L1	B	H2	SW1	Weight	Item No.
mm	bar	mm	mm	mm	mm	mm	mm	mm	kg	
20	25	26,9	2,0	1500	715	44	462	16	7,5	076.0144
25	25	33,7	2,3	1500	717	54	465	16	8,0	076.0142
32	25	42,4	2,6	1500	708,5	64	488	16	9,3	076.0107
40	25	48,3	2,6	1500	706	76	493	16	11,0	076.0109
50	25	60,3	2,9	1500	705,5	89	501	16	14,0	076.0044
65	25	76,1	2,9	1500	691	121	515	16	19,0	076.0046
80	25	88,9	3,2	1500	688	140	549	22	25,0	076.0048
100	25	114,3	3,6	1500	680	171	562	22	34,0	076.0079
125	25	139,7	3,6	1500	665	203	581	22	45,0	076.0096

\* 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-V-HE, DN 150-300, PN 25

Full Bore



### Standard Materials:

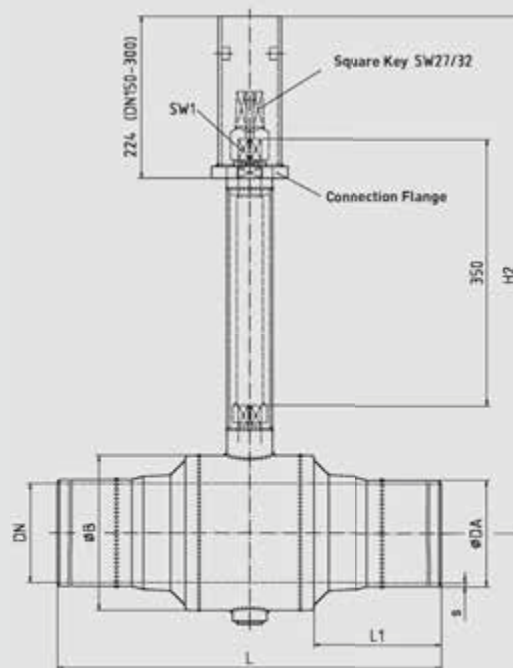
<b>Body:</b>	Forged Steel / Steel
<b>Ball:</b>	Stainless Steel
<b>Stem:</b>	Stainless Steel
<b>Ball seals:</b>	PTFE
<b>Stem seals:</b>	EPDM

**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 DN150 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	PN	DA	s*	L	L1	B	H2	SW1	Weight	Item No.
mm	bar	mm	mm	mm	mm	mm	mm	mm	kg	
150	25	168,3	4,0	1500	640,5	254	725	32	85	076.0098
200	25	219,1	4,5	1500	616	324	760	32	129	076.0105
250	25	273,0	5,0	1500	567	407	900	32	285	076.0113
300	25	323,9	5,6	2000	771	508	942	32	510	076.0115

\* 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-V-HE, DN 350-1200, PN 25

Full Bore



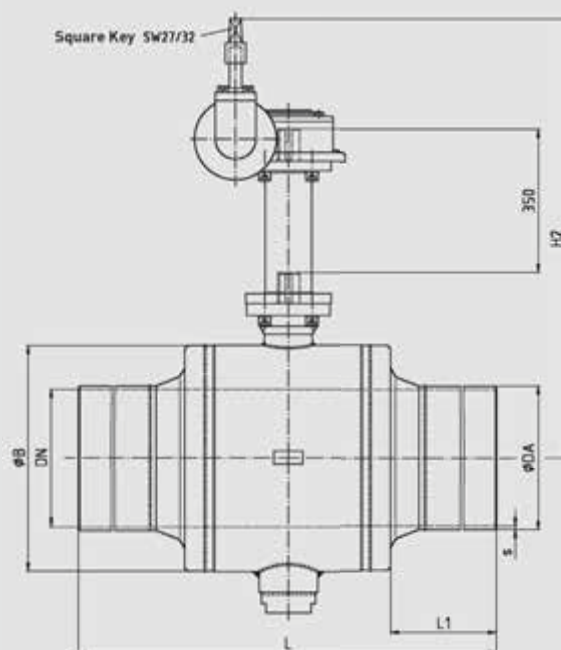
### Standard Materials:

- Body:** Forged Steel / Steel
- Ball:** up to DN 400: Stainless Steel  
from DN 450: Steel, chemically nickel plated (ENP)
- 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.
- 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	PN	DA	s*	L	L1	B	H2	Weight	Item No.
mm	bar	mm	mm	mm	mm	mm	mm	kg	
350	25	355,6	5,6	2000	745	559	1086	750	076.0117
400	25	406,4	6,3	2000	818	660	1121	1030	076.0119
450	25	457	6,3	2000	684	720	1215	1700	076.0123
500	25	508,0	6,3	2500	890	814	1256	2200	076.0125
600	25	610	7,1	1143	158	955	1389	apx. 3000	on request
700	25	711	8,0	1295	187	1116	on request	apx. 4500	on request
800	25	813	8,8	1397	430	1261	on request	apx. 5700	on request
900	25	914	10	1499	422	1396	on request	apx. 7400	on request
1000	25	1016	11	1800	576	1561	on request	apx.11000	on request
1200	25	1220	12,5	2400	955	1890	on request	apx.19000	on request

Ball Valves DN600 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.