BALLOSTAR®
KHA-SL

Long welding ends

GENERAL FEATURES
» 3-piece ball valve with full or reduced bore
» Floating ball, antistatic, lockable
» Double tightness in both directions
» Modular system components

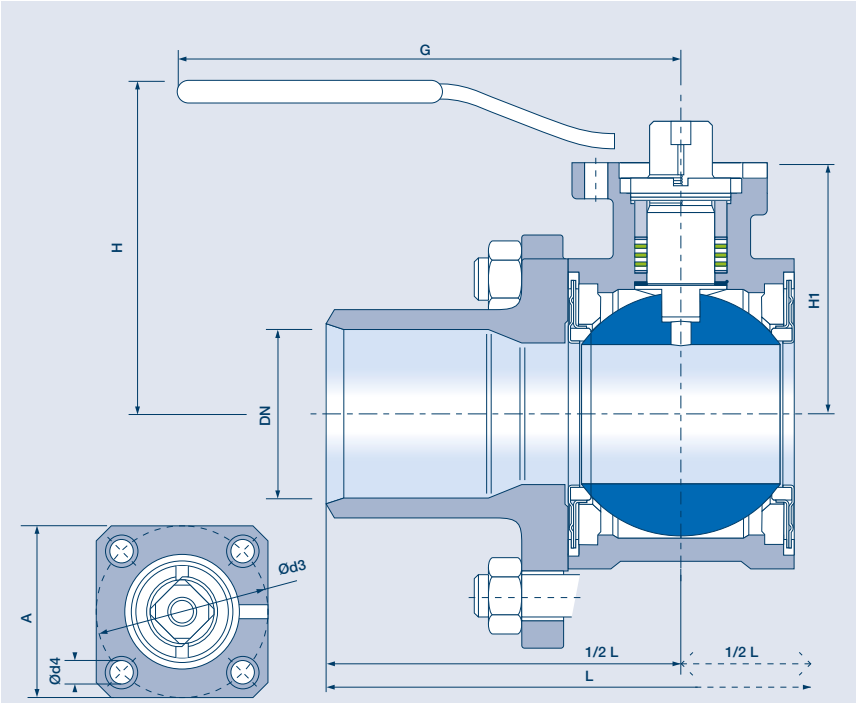
CONNECTIONS
Welding ends in accordance with DIN EN 12627

DIMENSIONS
FTF dimensions in accordance with DIN EN 12982, series 68 (DN 10-40 and 20R15-40R32)
FTF dimensions in accordance with ANSI B16.10 Cl. 300 (DN 50-100 and 50R40-100R80)
FTF dimensions in accordance with DIN EN 12982, series 7 (DN 125)

ACCEPTANCE TESTING
» Seat leak tightness: EN 12266-1 P12, leakage rate A
» Tightness to atmosphere: EN 12266-1 P11
» Strength: EN 12266-1 P10

AUTOMATION
Flange connection in accordance with ISO 5211, allows for direct mounting of an actuator or by means of brackets. Pneumatic and electrical actuators utilizable.

TEMPERATURE
-196 °C to +400 °C (see pT diagram)



Schematic representation: reduced bore

KHA-SL VARIANTS

FULL BORE
Material: Steel casting 1.0619
(Material code VIII)
Stainless steel casting 1.4408
(Material code Xc)

REDUCED BORE
Material: Steel casting 1.0619
(Material code VIII)
Stainless steel casting 1.4408
(Material code Xc)

	Dimensions				PN		Mounting flange for actuator				Weight
DN	L	H	H1	G	VIII	Xc	ISO	A	Ød3	Ød4	kg
10	270	80	35	130	100	63	F04	42	42	5.8	1.1
15	270	80	35	130	100	63	F04	42	42	5.8	1.1
20	270	94	46	160	100	63	F04	42	42	5.8	1.9
25	270	98	50	160	63	40	F04	42	42	5.8	2.5
32	270	106	65	250	63	40	F05	50	50	7	3.9
40	270	113	72	250	63	40	F05	50	50	7	5.4
50	216	131	90	315	40	40	F07	70	70	10	8.5
65	241	141	100	315	40	40	F07	70	70	10	12.5
80	282	162	122	500	40	40	F10	102	102	12	21.2
100	305	176	135	500	40	40	F10	102	102	12	30.1
125	356	211	175	650	40	40	F12	125	125	15	55
20R15	270	80	35	130	100	63	F04	42	42	5.8	1.3
25R20	270	94	46	160	100	63	F04	42	42	5.8	2.2
32R25	270	98	50	160	63	40	F04	42	42	5.8	2.7
40R32	270	106	65	250	63	40	F05	50	50	7	3.9
50R40	216	113	72	250	63	40	F05	50	50	7	5.6
65R50	241	131	90	315	40	40	F07	70	70	10	8.9
80R65	282	141	100	315	40	40	F07	70	70	10	12.9
100R80	305	162	122	500	40	40	F10	102	102	12	23.1

Subject to modification of designs and dimensions.