

BALLOSTAR®

KHA-FL

Long flange design

GENERAL FEATURES

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

CONNECTIONS

Flange in accordance with EN 1092-1 (VIII, Xc)
Flange in accordance with EN 1092-2 (III)

DIMENSIONS

Face-to-face dimensions in accordance with EN 558-1, series 1 to DN 100R80
Face-to-face dimensions in accordance with EN 558-1, series 27 for DN 125R100 and 150R125

ACCEPTANCE TESTING

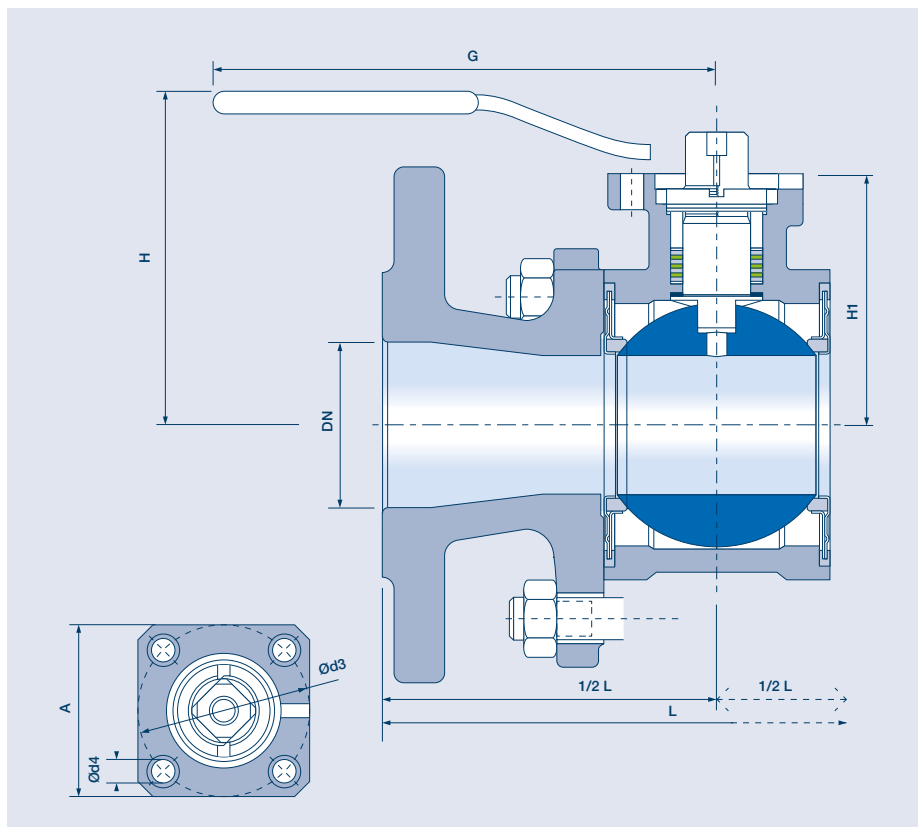
- » Seat leak tightness: EN 12266-1 P12, leakage rate A
- » Tightness to atmosphere: EN 12266-1 P11
- » Strength: EN 12266-1 P10

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)



KHA-FL VARIANTS

REDUCED BORE

Material: Grey cast iron EN-GJL-250
(Material code III)*

*refers to flange, body made of steel casting

REDUCED BORE

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

DN	Dimensions				PN			Mounting flange for actuator				Weight kg
	L	H	H1	G	III	VIII	Xc	ISO	A	Ød3	Ød4	
20R15	150	80	35	130	16			F04	42	42	5.8	2.7
25R20	160	94	46	160	16			F04	42	42	5.8	3.8
32R25	180	98	50	160	16			F04	42	42	5.8	5.7
40R32	200	106	65	250	16			F05	50	50	7	7.5
50R40	230	113	72	250	16			F05	50	50	7	10.7
65R50	290	131	90	315	16			F07	70	70	10	16.5
80R65	310	141	100	315	16			F07	70	70	10	22.3
100R80	350	162	122	500	16			F10	102	102	12	34
125R100	325	176	135	500	16			F10	102	102	12	45.9
150R125	350	211	175	650	16			F12	125	125	15	73
20R15	150	80	35	130		40	40	F04	42	42	5.8	3.2
25R20	160	94	46	160		40	40	F04	42	42	5.8	4.4
32R25	180	98	50	160		40	40	F04	42	42	5.8	5.9
40R32	200	106	65	250		40	40	F05	50	50	7	8.1
50R40	230	113	72	250		40	40	F05	50	50	7	11.6
125R100	325	176	135	500		40	40	F10	102	102	12	51.7