

HYDAC

INTERNATIONAL

Ball valves



Introduction

HYDAC ball valves are developed and constructed in response to problems encountered in everyday practice.

The requirements placed on the products are:

- Functionality
- Value for money
- Quality
- Safety
- Service life
- Standard model availability
- Flexibility

HYDAC's ball valve design department is equipped with the most modern computer assisted systems (CAD), which also make it possible to quickly and cost-effectively implement customer-specific solutions.

The manufacture of our products is highly vertically integrated and our modern machine park enables both efficient series manufacture as well as flexible reactions to customer request. On completion of the product assembly, each item is 100% tested and our product-specific orientation ensures optimum functionality at a consistently high quality level. The comprehensive extreme tests constantly carried out in our laboratories confirm the high requirements placed on our products.

HYDAC ball valves can be tested for approvals, standards such as DVGW and "fire safe", and to all standards and specifications. Apart from the standard ball valves HYDAC offers a wide range of customer-specific solutions.

HYDAC ball valves offer you the following benefits:

- Full-flow passage to ensure unrestricted flow of the medium.
- Self-sealing due to sealing principle with floating ball
- Easy actuation, even at high pressures
- Maintenance-free, no adjustment of the seal necessary
- 100 % individual tests of the ball valves

All of our company procedures such as development, production, assembly and maintenance are organised within an effective quality management system.

HYDAC is certified to DIN ISO 9001 11.



HYDAC Accessories plant, Sulzbach

NOTE

The information in this brochure relates to the operating conditions and applications described.

For applications and operating conditions not described, please contact the relevant technical department.

Subject to technical modifications.

HYDAC Accessories GmbH
Hirschbachstr. 2
66280 Sulzbach/Saar
Tel.: +49 (0)6897 - 509-01
Fax: +49 (0)6897 - 509-1009
Internet: www.hydac.com
E-Mail: info@hydac.com

Catalogue overview

	Ball Valves	KHB KHM	DN04 - 25 DN32 - 50	up to PN500	11
	Ball Valve with DKO connection	KHB DKO	DN04 - 25	up to PN500	17
	Ultra-high Pressure Ball Valves	KHBH KHHM	DN04 - 25	up to PN800	21
	Three-Piece High-Pressure Ball Valve	KHB3H	up to DN40	PN420	25
	Low Pressure Ball Valves	KHNVN KHNVS KHN	DN06 - 100	PN4 - PN50	29
	Stainless Steel Low Pressure Ball Valves	KHNVN KHNVS	DN04 - 80	PN25 - PN140	33
	Weld-Type Low Pressure Ball Valves	KHM3S	DN08 - 100	PN16 - PN64	37
	Flanged Ball Valves	KHBF KHMF KHMFF	DN16 - 50	up to PN315	41
	Flange Type Ball Valves DN65 – 125	KHMFF	up to DN125	up to PN16	45
	Flanged Ball Valves	KHFF	DN65 - 300	PN10 - PN40	49
	ANSI Flange Ball Valves	KHBF KHMF	DN16 - 50	ANSI class 150 - 2500	53
	SAE Flanged Ball Valves	KHB-F3/6 KHM-F3/6	up to DN50	up to PN420	57
	SAE Threaded / Split Flange Ball Valves	KHBGS-F3/6 KHMGS-F3/6	up to DN50	up to PN420	61
	SAE Threaded Flange Ball Valve	KHBG-F3/6 KHMG-F3/6	up to DN50	up to PN420	65
	SAE Fixed Flange Ball Valves	KHF3	DN65 - 125	up to PN160	69
	SAE Fixed Flange Ball Valves	KHF3/6	up to DN80	up to PN420	71
	Direct Flange Ball Valves	KHDF3 KHDF6	up to DN80	up to PN420	75

	Direct Flange Ball Valve	KHZF3 KHZF6	up to DN50	PN420	79
	ISO 6164 Flanged Ball Valves	KHF	DN13 - 80	up to PN400	81
	3/2 Way Ball Valves	KHB3K	up to DN50	up to PN500	85
	Change-Over Low Pressure Ball Valves	KHN3K	up to DN45	up to PN25	91
	3-Way and 4-Way Ball Valves	KH3 KH4	up to DN20	up to PN500	93
	3-Way and 4-Way Manifold Mounted Ball Valves	KH3P KH4P	DN06 - 20	up to PN400	97
	Manifold Mounted Ball Valves	KHP KHP3K	DN06 - 50	up to PN500	101
	Spring Return Isolator	HKHB	DN13	up to PN350	105
	Isolator Sandwich Plate	KHB4K KHB6K	DN06 DN10	PN315 PN315	109
	Ball Valve Combinations		up to DN50	up to PN500	113
	Ball Valves with Pneumatic Actuator		DN04 - 50	up to PN500	119
	Electrically Actuated Ball Valves		DN04 - 50	up to PN500	121
	Lockable Ball Valves		up to DN50	up to PN500	123
	Ball Valves with Electrical Limit Controls		up to DN50	up to PN500	127
	Handles	SW06 - 22			131
	3-Way Safety Block	DSV	DN10	up to PN350	135
	Compatibility List for 2/2-, 3/2- and 4/2-Way Ball Valves				147