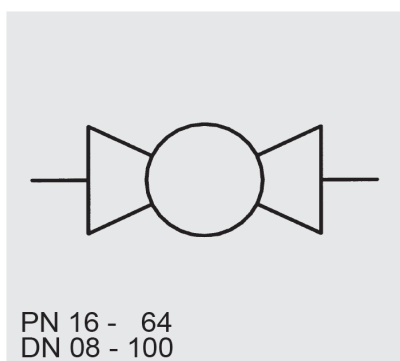


HYDAC INTERNATIONAL



Weld-on low pressure ball valves KHM3S



Model code
(also order example)

KHM3S 20 1333 16 X

Designation

KHM3S = three-part weld-type low pressure ball valve

Nominal bore (DN)

Materials

Housing, butt weld

- 1 = steel
- 3 = stainless steel

Ball, spindle

- 3 = stainless steel

Ball seals

- 3 = PTFE

Seals

- 3 = PTFE

Handle

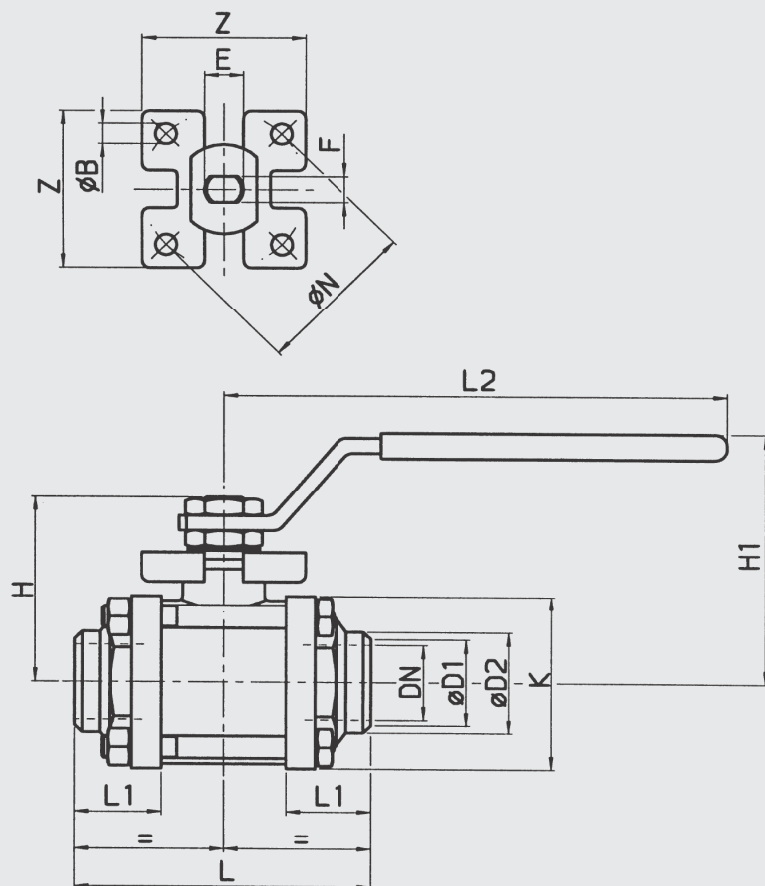
- 16 = steel bolt-on handle, cranked, fitted
 - 18 = stainless steel bolt-on handle, cranked, fitted
- DN 10 - 50

Series

(determined by manufacturer)

Dimensions

KHM3S



Type	DN	D1	D2	H	H1	L	L1	L2
KHM3S - 8	8	—	—	35	50	57	18	110
KHM3S - 10	10	12.48	17.1	35	50	57	18	110
KHM3S - 15	15	15.76	21.3	47	64	65	20.5	131
KHM3S - 20	20	20.96	26.7	51.5	68	76	22.5	131
KHM3S - 25	25	26.64	33.4	60	78.5	92	27	174
KHM3S - 32	32	35.08	42.2	64.5	83.5	106.5	30	174
KHM3S - 40	40	40.94	48.3	79	100	116	31	250
KHM3S - 50	50	52.48	60.3	86	107	136	36	250
KHM3S - 65	65	62.68	73	103	126.5	153.5	38.5	321
KHM3S - 80	80	77.92	88.9	114	137.5	180	43	321
KHM3S - 100	100	102.26	114.3	137	156.5	217	50	381

Type	K	Z	B	N	F	E	Weight [kg]	PN [bar]
KHM3S - 8	33	—	—	—	5	8	0.28	64
KHM3S - 10	33	—	—	—	5	8	0.28	64
KHM3S - 15	38	36	6	36 F03	7	10	0.40	64
KHM3S - 20	46.5	42	5.5	42 F04	7	10	0.60	40
KHM3S - 25	58	42	5.5	42 F04	8	12	1.10	40
KHM3S - 32	66.5	42	5.5	42 F04	8	12	1.50	25
KHM3S - 40	76	50	6.5	50 F05	10	16	2.10	25
KHM3S - 50	90	50	6.5	50 F05	10	16	3.20	25
KHM3S - 65	134	64	M 8	70 F07	14	20	8.15	16
KHM3S - 80	161	64	M 8	70 F07	14	20	12.80	16
KHM3S - 100	190	92	M10	102 F10	18	24	21.50	16

Technical specifications

Type of connection:	Butt weld	
Mounting position:	No orientation restrictions	
Ambient temperature:	-20 °C to + 160 °C	
Nominal pressure:	up to PN 64	
Operating fluids:	Mineral oil to DIN 51524 part 1 + 2, gaseous media, compressed air, water other media on request	
Temperature of operating fluid:	-20 °C to + 160 °C	
Spare parts:	Seal kits available on request	
Accessories:	All ball valves can be supplied with the following options:	Actuator Limit controls Lock

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.

The operator is always responsible for determining the product suitability for the specific application. Quantified values for product characteristics are average values for a new product that undergo a time deterioration process.

Subject to technical modifications and errors.

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