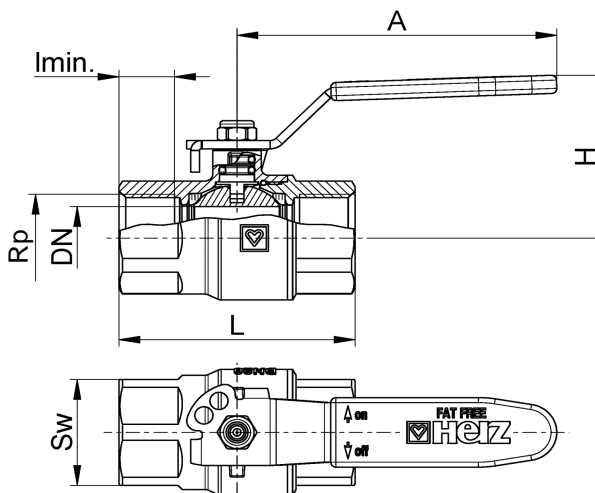


Ball valves KV000 - KV007 for oxygen and tech. gases, degreased

Data sheet for
KV000 - KV007
Issue 0212



Code Nr.	Ident.	PN	DN	Rp	L	Lmin.	A	H	Sw	Weight
KV 000	1703135	30	8	1/4"	50	11,0	90	40	17	0,145
KV 001	1713135	30	10	3/8"	60	11,4	90	40	21	0,180
KV 002	1723135	30	15	1/2"	75	15,0	90	44	26	0,275
KV 003	1733135	30	20	3/4"	80	16,3	90	48	32	0,395
KV 004	1743135	30	25	1"	90	19,1	135	61	41	0,725
KV 005	1753135	30	32	5/4"	110	21,4	135	65	50	1,175
KV 006	1763135	30	40	6/4"	120	21,4	180	86	55	1,830
KV 007	1773135	30	50	2"	140	25,7	180	92	70	3,000

Dimensions

Body:	forged brass (CuZn40Pb2) acc. EN 12165, Ni plated
Nut end:	forged brass (CuZn40Pb2) acc. EN 12165, Ni plated
Ball:	forged brass (CuZn40Pb2) acc. EN 12165, full bore, Cr plated
Ball seal:	Teflon (PTFE)
Stem:	brass (CuZn39Pb3) acc. EN 12164
Stem seal:	O-rings (FKM)
Handle:	steel, Zn plated with neutral plastic cover
Connections:	female thread acc. ISO 7-1

Design

Working pressure:	depending on working medium
Working temperature:	depending on working medium
Medium:	<ul style="list-style-type: none"> - oxygen: up to 30 bar and temp. -10°C up to 60°C - non-aggressive mediums (water, air, petroleum, oil, ...): up to 40 bar and temp. -10°C do 120°C (water 0,5°C up to 95°C) - technical gases (acetylene, hydrogen, nitrogen, carbon dioxide, nitrous okside, argon, helium, ...): up to 40 bar (acetylene up to 1,5 bar) and temp. -10°C up to 60°C

Operating data

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<p>Ball valve with is shut-off valve, which is primarily installed in the installation of oxygen medium up to 30 bar (degreased level 200 mg/m2 content of hydrocarbons). It can be installed in technical gas plumbing installations, industrial applications, agricultural requirements, heatings and sanitary, pneumatic systems, water services. Generally can be used as shut off valve for all non-aggressive mediums.</p>	<p>Application</p>
<p>We can use spinning material, teflon ribbon, sealing paste to seal the connection between the pipe and nut end. Screw pipe end into ball valve with suitable assembly tool (Sw) not to exceed the maximum torque moment (Mt). We recommended to use ball valve in fully open or closed, not in mid position. Ball valve does not need special maintenance.</p>	<p>Instruction for assembling and maintenance</p>
<p>All details contained in this brochure appertain to that available at the time of printing and serve as information. We reserve the right to make changes in the event of technical advancements. The illustrations are understood to be symbolic representations and may therefore vary visually from the actual products. Any colour variations are dependent upon the printing technology used. Products may also vary according to the country. We reserve the right to make changes to technical specifications and functions. Please contact your nearest branch of HERZ with any questions.</p>	

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