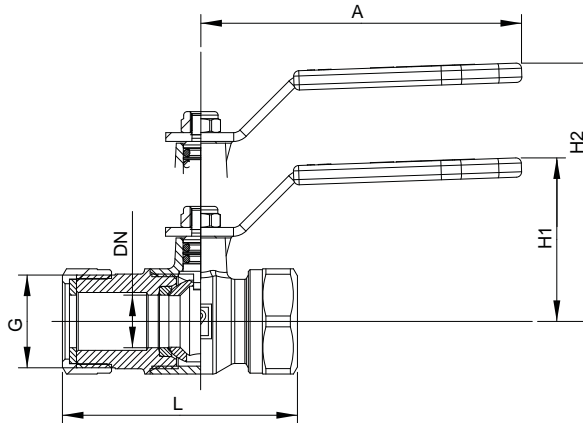


# HERZ Ball valve with compression Ends

Datasheet  
2190\_41\_66  
Issue 0509



Model	Dim	PN	Cu	G	L	H	A	Sw
1 2190 41	DN15	16	15	3/4"	84	42	70	30
1 2190 42	DN20	16	22	1"	86	49	90	36
1 2190 43	DN25	16	28	1-1/4"	111	61	135	46
1 2190 44	DN32	16	35	1-1/2"	135	65	135	55
1 2190 45	DN40	16	42	1-3/4"	147	84	180	55
1 2190 46	DN50	16	54	2-3/8"	181	90	180	75
1 2190 61	DN15	16	15	3/4"	84	90	70	30
1 2190 62	DN20	16	22	1"	86	97	90	36
1 2190 63	DN25	16	28	1-1/4"	111	110	135	46
1 2190 64	DN32	16	35	1-1/2"	135	113	135	55
1 2190 65	DN40	16	42	1-3/4"	147	135	180	55
1 2190 66	DN50	16	54	2-3/8"	181	143	180	75

Figure Dimension

We reserve the right to make modifications necessitated by technical progress.

Body: forged brass acc. EN 12420 (corrosive resistant)  
 Ball: pressed brass, full bore, machined to a microsmooth finish, chrome plated  
 Spindle: brass  
 Handle: steel, galvanic Zn plated with red plastic cover

**Design**

Compression fitting ends to BS 864/2

**Connections**

PTFE- polytetrafluoretylen (ball), EPDM (spindle, compression rings)

**Sealing elements**

Maximum pressure:	16 bar
Maximum temperature:	120 °C (5 bar)

**Operating data**

Ball valve is used in installations as shut off-valve. For use in the central heating systems, energy systems, construction engineering and mechanical engineering. Generally can be used with all non aggressive fluids such as hot water, wash liquids, dry compressed air. For use where one expect durability even if we exceeds the working conditions. The valves ends allow flat sealed connection of copper pipe.  
 Option of valve with extended spindle to allow for insulation lagging after installation.

**Application**

Use PTFE, Teflon ribbon or sealing paste to seal the connection between the pipe and the valve. Screw the pipe int end with a suitable assembly tool (Sw) not exceed the maximum torque. We recommend the valve is used in the index position, not in a mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

**Instruction for assembly and maintenance**

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.