

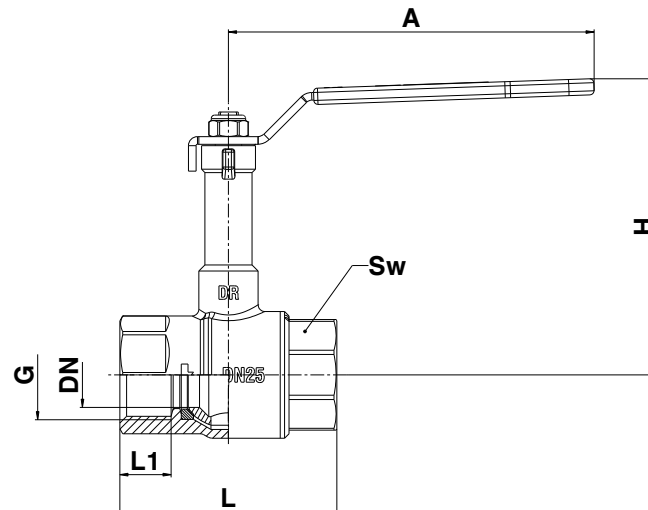


HERZ - Ball valve

with extended spindle DZR

Data sheet 1 **2190 2X**

☑ Dimensions



Order Nr.	DN	G [in]	L [mm]	L1 [mm]	H [mm]	A [mm]	Sw [mm]	Weight [kg]
1 2190 21	15	1/2"	59	15	90	90	25	0,28
1 2190 22	20	3/4"	64	16	93	90	32	0,40
1 2190 23	25	1"	80,5	19	107	135	41	0,74
1 2190 24	32	1-1/4"	91	19,5	111	135	48	0,96
1 2190 25	40	1-1/2"	100	19,7	136	180	55	1,38
1 2190 26	50	2"	118	22,3	144	180	69	2,52

☑ Material and construction

Body:	forged brass acc. to EN 12165, nickel plated, CW602N DZR
Ball:	forged brass acc. to EN 12165, hollow, full bore, hard chrome plated, CW602N, DZR
Spindle:	machined brass acc. to EN 12164, CW614N
Handle:	lever handle, red, sheet steel - plated
Ball seals:	PTFE
Spindle seals:	EPDM
Internal threaded connectors:	acc. to ISO 228

☑ Operating data

Max. operating pressure:	PN 25 bar
Min. operating temperature:	-10°C (water 0,5°C)
Min. short-term temperature load:	-50°C
Max. operating temperature:	130°C (water 110°C-no steam)
Max. short-term temperature load:	150°C
Construction and tests:	WRAS approved

Medium:

Heating water quality according to ÖNORM H5195 or VDI-Standard 2035. The use of ethylene or propylene glycol in a mixing ratio 25- 50% is allowed. Please refer to manufacturers documentation when using ethylene glycol products for frost and corrosion protection. Please note that EPDM gaskets will be affected by Mineral oils lubricants and thus lead to failure of the EPDM seals in the valves that use EPDM seals. HERZ ball valve for heating and chilled water is not suitable for usage of aggressive medium (such as: acids, alkalis, combustible and explosive gases..) because it can destroy sealing components.

☑ Field of application

HERZ ball valve with extended spindle DZR is designed for building services such as heating or chilled water plants. The operating conditions (temperature, pressure) should be constant. Extended spindle allows easy installation of thicker insulation. The handle is isolated separately so that the valve can be opened and closed without breaking or damaging the insulation. HERZ ball valve with extended spindle DZR is made from CW602N; this material has DZR properties (dezincification resistant brass). The ball valve is bi-directional, that means it allows flow of the medium in both directions.

☑ Additional informations

For further informations about the field of application, brass, function principle, assembly, maintenance and disposal instructions see chapter "General information" on page 2.

☑ Labels on ball valve