

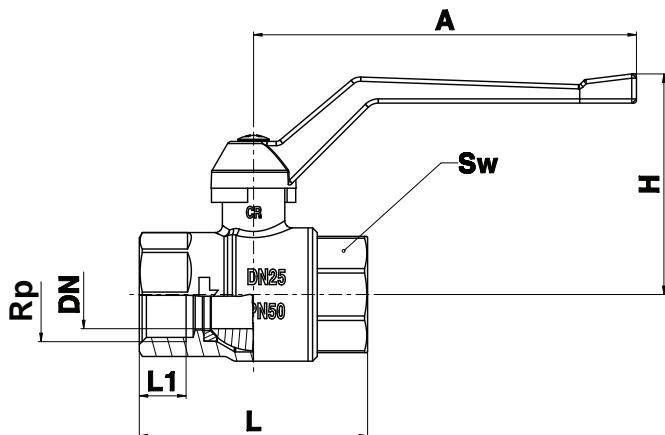


# HERZ - Ball valve

## with lever handle DZR

 Data sheet 1 **2190** 0X

### Dimensions



Order Nr.	DN	PN	Rp [in]	L [mm]	L1 [mm]	H [mm]	A [mm]	Sw [mm]	Weight [kg]
1 2190 01	15	50	1/2"	59	13	53	90	25	0,24
1 2190 02	20	50	3/4"	65	14	56	90	32	0,36
1 2190 03	25	50	1"	80,5	16,5	77	135	41	0,67
1 2190 04	32	40	1-1/4"	91	17	81	135	48	0,95
1 2190 05	40	40	1-1/2"	104	19,5	95	180	55	1,67
1 2190 06	50	40	2"	125,5	22,5	101	180	70	2,78

### Material and construction

Body:	forged brass acc. to EN 12165, CW602N DZR
Ball:	forged brass acc. to EN 12165, hollow, full bore, hard chrome plated, CW617N
Spindle:	machined brass acc. to EN 12164, CW614N
Handles:	lever handle, red, silumin
Ball seals:	PTFE
Spindle seals:	PTFE
Internal threaded connectors:	acc. to ISO228

### Operating data

Max. operating pressure:	see table above
Min. operating temperature:	-30°C (water 0,5 °C)
Max. operating temperature:	150°C (water 110 °C - no steam)
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. 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 lever handle DZR is designed for heating and cooling systems which have to withstand continuously changing working system parameters. It allows safe system operation even under conditions of significant changes of medium temperatures and sudden pressure loads. HERZ ball valve with lever handle DZR is made from CW602N; this material has DZR properties (dezinfication 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**