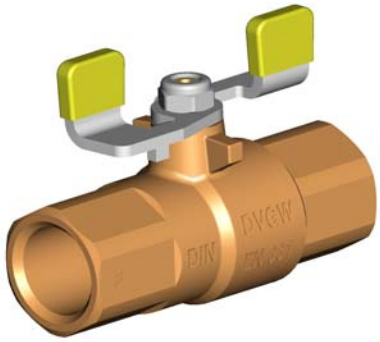
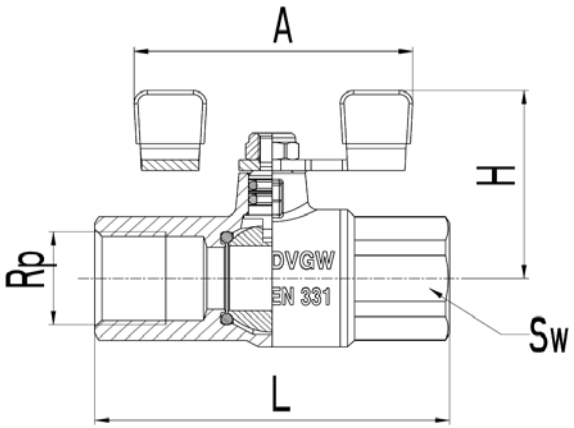
Ball Valve for gas with steel T-handle

HTB 650˚C, 30 min

Data sheet
2300
Issue 0509





Dimensions (mm)

Figure	MOP	PN	DN	Rp	L	H	A	Mt (Nm)	Sw
1 **2300** 19	5	1	8	1/4"	55	41	60	20	17
1 **2300** 10	5	1	10	3/8"	60	41	60	35	21
1 **2300** 11	5	1	15	1/2"	75	43	60	75	26
1 **2300** 12	5	1	20	3/4"	80	47	60	100	32
1 **2300** 13	5	1	25	1"	90	61	85	125	41
1 **2300** 14	5	1	32	1-1/4"	110	66	85	160	50

Design

Body: forged brass acc. EN 12165
Connection: forged brass
Ball: pressed brass, full bore, machined to a microsmooth finish, chrome plated
Spindle: brass
T-handle: steel, butterfly shape, galvanic Zn plated with yellow plastic cover
Connections: female thread acc. Rp ISO 7-1 (DIN 2999, BS21)
Sealing elements: NBR 80 ShA ball and NBR 70 ShA spindle

Operating data

Working pressure: MOP5 (EN331), PN1(HTB 650˚C)
Working temperature: -20˚C up to 60˚C
Suitable for: 1., 2., 3. gas family from EN 437 (gas family acc. DVGW-table G260/I)
Certification: Certified to EN 331

Application

The Ball valve is used as an isolation valve in Gas installations according to DVGW-TRGI which use gases acc. to table G260/I. It's used in gas central heating systems and water heaters. The valve is used in all places where durability is expected, even if the working conditions are exceeded. In the case of a fire the valve should be closed. The seals will burn away with the increased temperature, in this case the seal is made between the ball and the body. At an increased temperature of 650˚C the brass itself seals for min. 30 minutes. The ball valve is used as a protection device in gas installations.

Assembly and maintenance

Herz recommend the use of spinning material, Teflon ribbon or sealing paste to seal the connection between the gas installation pipe and the ball valve. Screw the pipe end into the ball valve with a suitable assembly tool (Sw) taking care not to over tighten. The ball valve must be installed before fire non resistant devices (heaters, gas meters, rubber hoses, ...). We recommended to use Ball valve in fully open or closed, not in mid position. The ball valve does not need special maintenance. At least twice per year exercise the valve.

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