

LHRE

Male/Female
1/4" - 2"
ISO 228



QUALITY

- 24h 100% seal test guaranteed
- Dual sealing system allows valve to be operated in either direction making installation easier
- No metal-to-metal moving parts
- No maintenance ever required
- Handle clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Handle stops on body to avoid stress at stem

BODY

- Hot forged sand blasted, external nickel plated brass body and cap sealed with Loctite® or equivalent thread sealant
- Finest brass according to EN 12165 and EN 12164 specifications

STEM

- Blowout-proof nickel plated brass stem
- Maintenance-free, two O-rings at the stem (EPDM + FPM) for maximum safety

SEALING

- Pure PTFE self-lubricating seats with flexible-lip design

THREADS

- ISO 228 parallel male by female threads

FLOW

- Full port to DIN 3357 for maximum flow

HANDLE

- Geomet® carbon steel handle with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- Handle removable with valve in service

OPTIONS

- Oval lockable handle ❶
- Patented locking device ❷
- Stainless steel handle (1.4016 / AISI 430) ❸
- T-handle ❹
- Stem extension
- **RuB** memory stop is designed to be installed with our stubby handle
- Dezincification resistant brass body and components
- Stubby handle

WORKING PRESSURE & TEMPERATURE

- 40 bar (600 PSI) non-shock cold working pressure
- -40°C to +180°C (-40°F to +356°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

UPON REQUEST

- Stainless steel ball (1.4401 / AISI 316)
- Glass filled PTFE seals
- Custom design

PED DIRECTIVE

- According to 2014/68/UE module A: it cannot be used with dangerous gases in sizes larger than 25mm

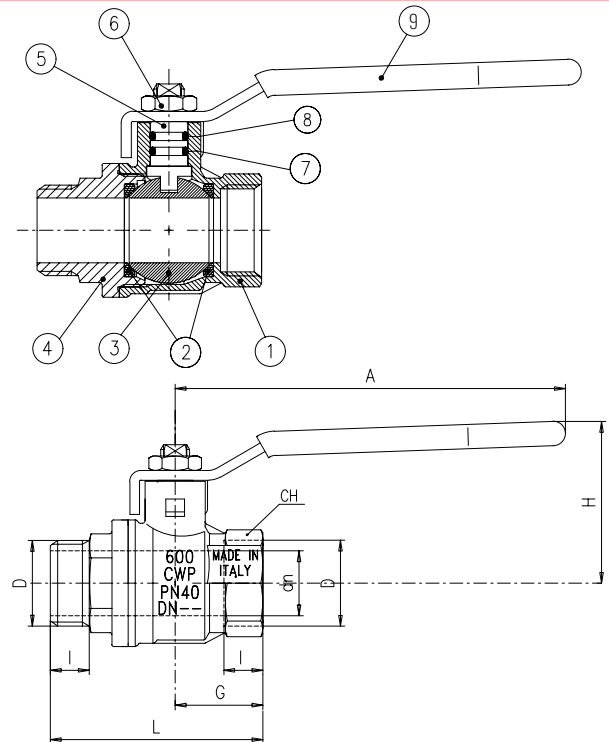
APPROVED BY OR IN COMPLIANCE WITH

- Water Regulations Advisory Scheme (United Kingdom)
- EAC – Declaration of conformity (Russia, Kazakhstan, Belarus)
- RoHS Compliant (EU)
- Attestation de Conformité Sanitaire (France)

NOTE: approvals apply to specific configurations/sizes only.



Part description		Q.ty	Material
1	Nickel plated body (external nickel plated, unplated inside)	1	CW617N
2	Seat	2	PTFE
3	Chrome plated ball	1	CW617N
4	Nickel plated end-cap (external nickel plated, unplated inside)	1	CW617N
5	Nickel plated stem O-ring design	1	CW617N
6	Geomet® nut	1	C4C (EN10263-2)
7	O-ring	1	EPDM
8	O-ring	1	FPM
9	Red PVC coated Geomet® steel handle	1	DD11 (EN10111)



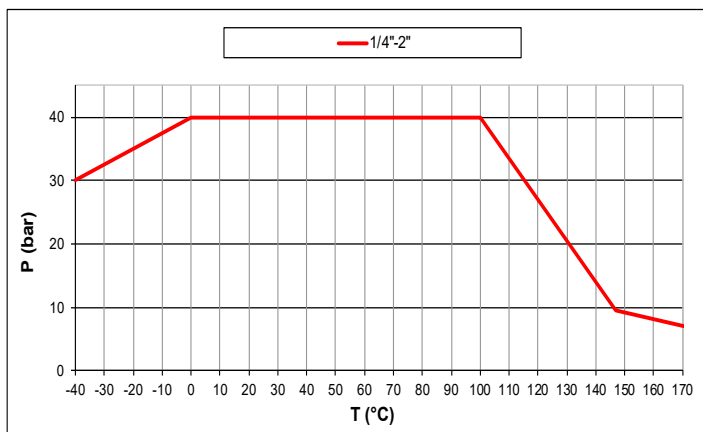
1 1/4"-2" hollow ball

Compliant to CE 2014/68/UE product
Equipment category I Module A

Code	LHRE-1/4	LHRE-3/8	LHRE-1/2	LHRE-3/4	LHRE-1	LHRE-1 1/4	LHRE-1 1/2	LHRE-2
D (Size)	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
DN (mm)	8	10	15	20	25	32	40	50
I (mm)	9	9	11	12	14	15	17	19
L (mm)	49	49	60	65.5	77.5	89	100	117
G (mm)	19,5	19,5	25	27	33,5	38,5	45	53
A (mm)	82	82	100	120	120	158	158	158
H (mm)	38	38	43	50	54	73	79	86
CH (mm)	17	20	25	31	38	48	54	66
Kv (m³/h)	3,9	8,2	28	42	70	80	125	179

DN shows the nominal flow diameter. Actual flow diameter complies with full port DIN 3357 part 4. Ball valves are marked CE on handle from 1 1/4" to 2": CE XXCODEXX Cat I-A

PRESSURE-TEMPERATURE CHART



PRESSURE DROP CHART

