

ECON® Ball valve Type: 1602 Brass Internal thread (BSPP) PN30



WARNING:

This ball valve has a short internal (female) thread and therefore cannot be combined with a tapered external (male) thread.

Characteristics

Type: 1602

Norm: EN [DIN]

Construction type: 2-way

Housing construction: 2-part

Housing material: Brass

Material quality: CW617N

Surface protection: Nickel-plated

Connection: Internal thread [BSPP]

Secondary spindle seal material: HNBR

Actuator material: Steel, galvanized

Application

- HVAC, water and compressed air systems.

Technical Information

- Connections with female threads in accordance with EN-ISO 228-1.
- Ball valve with floating ball.
- Version with lever.
- Available in sizes ranging from 1/4" to 2".
- Pressure class PN30.

Construction

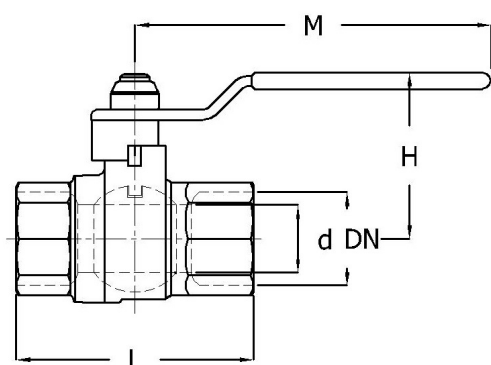
- Two-piece housing construction.
- Design in accordance with EN 13828.
- Full bore.
- Face-to-face dimension according to manufacturer's standard.

Options

- Available with extended spindle for insulation.

Size table:

DN	d mm	L mm	H mm	M mm	Weight kg
1/4" [8]	8	47.5	38	90	0.15
3/8" [10]	10	49.5	38	90	0.16
1/2" [15]	15	48	39.5	90	0.17
3/4" [20]	20	57	43	90	0.28
1" [25]	25	67	51.5	105	0.42
1.1/4" [32]	32	78.5	60	105	0.74
1.1/2" [40]	40	92	65.5	120	1.04
2" [50]	50	106.5	81	140	1.67



Size	Pressure class	Pressure and temperature range			[°C]
		-20	90	130	
1/4" - 2"	PN30	30	20	8	[bar]

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Nominal inner diameter	Standard thread connection	Pressure rating	Face to Face norm	Manual operation	Bore	Material ball	Seat material	Spindle material	Primary spindle seal material	Article
1/4" [8]	ISO 228-1	PN30	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	12439115
3/8" [10]	ISO 228-1	PN30	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	12439116
1/2" [15]	ISO 228-1	PN30	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	12439117
3/4" [20]	ISO 228-1	PN30	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	12439118
1" [25]	ISO 228-1	PN30	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	12439119
1.1/4" [32]	ISO 228-1	PN30	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	12439121
1.1/2" [40]	ISO 228-1	PN30	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	12439122
2" [50]	ISO 228-1	PN30	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	12439123

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