

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

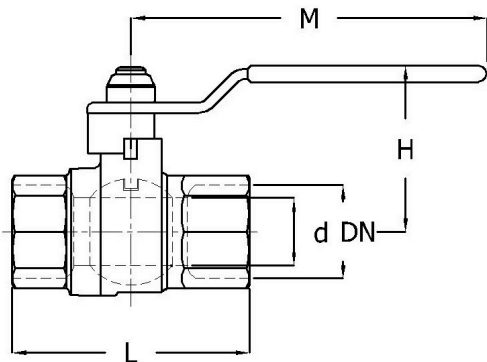
- Connections with female threads in accordance with EN-ISO 228-1.
- Ball valve with floating ball.
- Version with lever.
- Available in sizes ranging from 1/4" to 2".
- Pressure class PN30.

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	L	H	M	Weight
	mm	mm	mm	mm	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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Ball Valves | Ball valves with threaded connection

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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