



ECON® Ball valve Type: 1607NPT Brass Internal thread (NPT) PN30/40/64

Characteristics

Type: 1607NPT
Norm: ASME
Construction type: 2-way
Housing construction: 2-part
Housing material: Brass
Material quality: CW617N
Surface protection: Nickel-plated
Connection: Internal thread (NPT)
Secondary spindle seal material: FPM (FKM)
Body seal: PTFE
Actuator material: Steel, galvanized

Application

- HVAC, water and compressed air systems.

Technical Information

- Connections with female threads in accordance with ASME B1.20.1.
- Ball valve with floating ball.
- Version with lever.
- Available in sizes ranging from 1/4" to 4".
- Pressure class PN64 for the 1/4" to 3/8" versions, PN40 for the 1/2" to 2" versions and PN30 for the 2 1/2" to 4" versions.

Construction

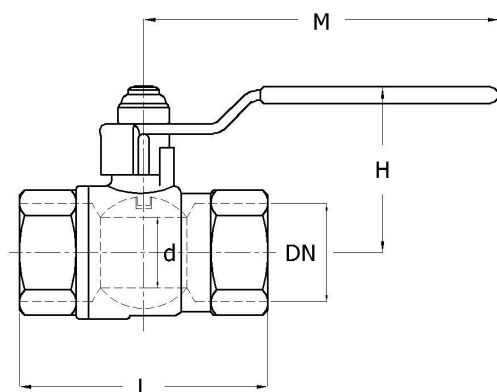
- Two-piece housing construction.
- Full bore.
- Face-to-face dimension according to manufacturer's standard.

Options

- Connections with BSP threads in accordance with NEN-EN 10226-1 (ISO 7/1), figure 1607.
- Available with extended spindle for insulation.

Size table:

DN	d	L	H	M	Weight
	mm	mm	mm	mm	kg
1/4" [8]	10	43.5	38	90	0.14
3/8" [10]	10	45	38	90	0.14
1/2" [15]	12.5	58.5	39.5	90	0.18
1" [25]	25	77.5	51.5	105	0.49
2 1/2" [65]	65	141	99.5	170	3.53
3" [80]	80	162.5	113.2	250	5.66



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]	ASME B1.20.1	PN64	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	EC0160701/4E711E
3/8" [10]	ASME B1.20.1	PN64	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	EC0160703/8-E711E
1/2" [15]	ASME B1.20.1	PN40	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	EC0160701/2E-711E
1" [25]	ASME B1.20.1	PN40	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	EC016070001-E711E

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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
2.1/2" [65]	ASME B1.20.1	PN30	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	EC0160721/2E711E
3" [80]	ASME B1.20.1	PN30	Manufacturer standard	Handle	Full bore	CW614N chromed	PTFE	Brass	PTFE	EC016070003-E711E

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