ECON® 3-Way ball valve Type: 1635 Brass Internal thread (BSPP) PN25/32

Characteristics

Type: 1635
Norm: EN (DIN)
Construction type: 3-way
Housing material: Brass
Material quality: CW617N
Surface protection: Nickel-plated
Connection: Internal thread (BSPP)
Angular rotation: 90 °
Actuator material: Steel
Minimum medium temperature (continuous): -20 °C
Maximum medium temperature (continuous): 150 °C

Application

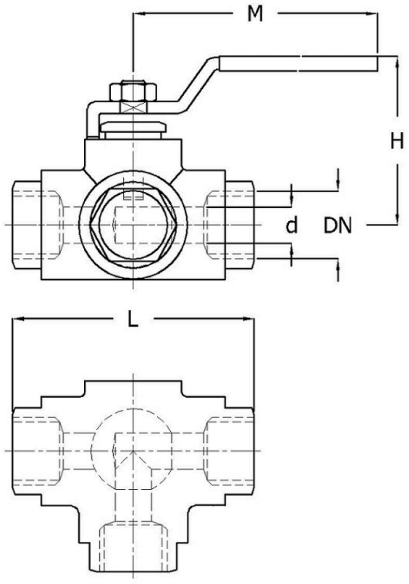
- HVAC, water and compressed air systems.

Technical Information

- Connections with female threads in accordance with EN-ISO 228-1.
- Ball valve with floating ball, supported by four seats.
- With T-bore or L-bore.
- The 3-way ball valve is intended to be used as a distribution valve. Pressure on the "closed" outlet may lead to leakages at the other outlets (medium).
- Lever with PVC coating, red for T-bore and black for L-bore.
- Available in sizes ranging from 1/4" to 2".
- Pressure class PN32 for the 1/4" to 1" versions and PN25 for the 1 1/4" to 2" versions.

Construction

- Horizontal 3-way housing construction.
- Reduced bore.
- Face-to-face dimension according to manufacturer's standard.



Size table:

DN	d	L	H	M	Weight
	mm	mm	mm	mm	kg
1/4" [8]	10	74	56	92	0.5
3/8" [10]	10	74	56	92	0.5
1/2" [15]	12	80	60	115	0.7
3/4" [20]	15	90	64	115	1
1" [25]	20	105	76	150	1.5
1.1/4" [32]	25	115	79	150	1.9
1.1/2" [40]	32	138	110	240	3.4
2" [50]	40	161	117	240	5.2

Pressure and temperature range						
Size	Pressure class	Temperature range	-20	90	150	[°C]
1/4" - 1"	PN32	-20°/+150°C	32	32	18	[bar]

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Pressure and temperature range						
Size	Pressure class	Temperature range	-20	90	150	[°C]
1.1/4" - 2"	PN25	-20°/+150°C	25	25	14	[bar]

Nominal inner diameter	Standard thread connection	Pressure rating	Manual operation	Ball bore	Bore	Material ball	Seat material	Spindle material	Primary spindle seal material	Article
1/4" [8]	ISO 228-1	PN32	Handle	T-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812486
1/4" [8]	ISO 228-1	PN32	Handle	L-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812485
3/8" [10]	ISO 228-1	PN32	Handle	L-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812489
3/8" [10]	ISO 228-1	PN32	Handle	T-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812490
1/2" [15]	ISO 228-1	PN32	Handle	T-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812484
1/2" [15]	ISO 228-1	PN32	Handle	L-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812483
3/4" [20]	ISO 228-1	PN32	Handle	L-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812487
3/4" [20]	ISO 228-1	PN32	Handle	T-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812488
1" [25]	ISO 228-1	PN32	Handle	T-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812480
1" [25]	ISO 228-1	PN32	Handle	L-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812479
1.1/4" [32]	ISO 228-1	PN25	Handle	T-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812494
1.1/4" [32]	ISO 228-1	PN25	Handle	L-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812493
1.1/2" [40]	ISO 228-1	PN25	Handle	T-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812492
1.1/2" [40]	ISO 228-1	PN25	Handle	L-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812491
2" [50]	ISO 228-1	PN25	Handle	L-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812481
2" [50]	ISO 228-1	PN25	Handle	T-bore	Reduced bore	CW614N chromed	PTFE	CW614N	PTFE	11812482

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