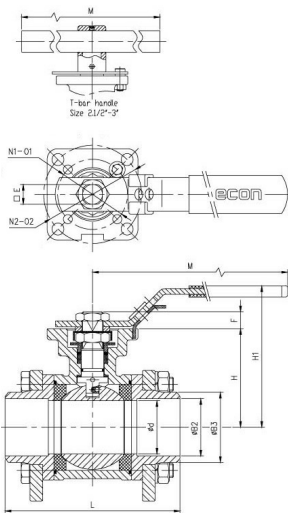




econ®



Quick-Weld Direct Mount

Econ® Quick-Weld three-piece ball valve with full bore, floating ball, buttwelded connection, pressure rating 1000 PSI WOG, antistatic design (ball-spindle-body) acc. to ATEX guidance 2014/34/EU, double self adjusting stem sealing according to TA-Luft requirements, blow-out proof stem and ISO 5211 "Direct Mount" top-flange. Actuated by means of a lockable lever or T-bar with PVC sleeve. This type of ball valve is generally applicable in industrial systems such as water, gas, and corrosive media, up to maximum 68 bar.

The unique Quick-Weld construction makes it possible to mount the valve without aligning the end caps. The body can be removed from the pipe section, complete with ball and sealing rings, and refitted without removing the connection pieces.

Features

- Connection: Butt quickweld ANSI B16.25 SCH.40
- Body construction: 3-piece
- Operation/Actuation: Lever
- Standard face to face length: Factory standard
- Standard: DIN
- Body material: Stainless steel
- Material ball: 1.4408
- Quality class spindle: 1.4401
- Spindle o-ring material: FPM (FKM)
- Full bore: Yes
- Pressure rating: 1000 PSI WOG
- Standard flange attachment: ISO 5211 Direct Mount
- TA Luft: Yes
- Actuator material: 1.4301
- Material quality: 1.4408
- Material ball seal: TFM 1600
- Primary spindle seal material: PTFE

Pressure and Temp Range

Size	Temperature range	-34°C	+38°C	+100°C	+150°C	+205°C	
1/4" - 2"	-29°/+205°C	68	68	44	22	0	[bar]
2.1/2" - 3"	-29°/+205°C	50	50	32	16	0	[bar]
Pressure rating 1000 PSI WOG							

Dimensions

DN	d	H	F	H1	L	BW		M	N1	N2	4x		E	Weight
						B3	B2				O1	O2		
["]	[mm]													[kg]
1/4	10,6	42	9	72	70	13,8	9,2	145	36	42	6	6	9	0,7
3/8	12,7	42	9	72	70	17,2	12,5	145	36	42	6	6	9	0,7
1/2	15	42	9	72	75	21,4	15,8	145	36	42	6	6	9	0,7
3/4	20	48,5	9	80	90	26,7	20,9	145	36	50	6	7	9	0,9
1	25	58,5	11	90	100	33,4	26,6	175	42	50	6	7	11	1,4
1 1/4	32	63	11	95	110	42,2	35,0	175	42	70	6	9	11	2,1
1 1/2	38	71,3	14	106	125	48,3	40,9	194	50	70	7	9	14	3,0
2	50	78,2	14	113	150	60,4	52,5	194	50	70	7	9	14	4,3
2 1/2	63,5	100	17	149	190	73,1	62,7	265	70	102	9	11	17	8,3
3	76	108,5	17	159	220	88,9	77,9	265	70	102	9	11	17	11,9

Order Information

Stock	Article No.	Order code	DN	Size flange attachment	Face to face length [mm]
	EC0765401/4RPWL	546550	1/4" (8)	F03/F04	70
	EC0765403/8RPWL	546551	3/8" (10)	F03/F04	70
S	EC0765401/2RPWL	546544	1/2" (15)	F03/F04	75

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Fig. 7654 Ball valve

Stock	Article No.	Order code	DN	Size flange attachment	Face to face length [mm]
S	EC0765403/4RPWL	546545	3/4" (20)	F03/F05	90
S	EC076540001RPWL	546546	1" (25)	F04/F05	100
	EC0765411/4RPWL	546547	1.1/4" (32)	F04/F07	110
S	EC0765411/2RPWL	546548	1.1/2" (40)	F05/F07	125
	EC076540002RPWL	546549	2" (50)	F05/F07	150
S	EC0765421/2RPWL	546552	2.1/2" (65)	F07/F10	190
	EC076540003RPWL	546553	3" (80)	F07/F10	220