



**PVC-U Vented Ball valve type 182
24V
With manual emergency override
With solvent cement sockets PVC-U ASTM**

Model:

- IP68 Rating
- Factory set control range 90°<
- Heating element, position feedback (Open/Close/ Middle)
- Integrated stainless steel mounting inserts
- 3 mm drilled hole inside the ball
- Benefits: Safely releases trapped gas or liquid; Reduces risk of rupture, leakage, and explosion; Protects valve seals and components from pressure-related wear
- Range of use: The vented ball valve is designed for applications such as: chlorinated water, water where bleach (**sodium hypochlorite solutions**) is present, and other applications where liquids requiring out-gassing exist.
- General functions: The special vent on side of the ball allows for pressure to be released back into the closed system. (Upstream) This helps prevent potentially dangerous pressure from building up inside the valve.

Option:

- Other valve and actuator configurations available
- Optional accessories: Monitoring board, Positioner, Profibus DP board, Modbus TCP EA 25-250 Ethernet Interface Card

d (mm)	DN (mm)	Size (inch)	PN (bar)	kv-value (Δp=1 bar) (l/min)	EPDM Code	Weight (kg)	FKM Code	Weight (kg)
16	10	3/8	10	70	179546102V	2.100	179546112V	2.100
20	15	1/2	10	185	179546103V	2.100	179546113V	2.100
25	20	3/4	10	350	179546104V	2.200	179546114V	2.200
32	25	1	10	700	179546105V	2.300	179546115V	2.300
40	32	1 1/4	10	1000	179546106V	2.600	179546116V	2.600
50	40	1 1/2	10	1600	179546107V	3.000	179546117V	3.000
63	50	2	10	3100	179546108V	3.800	179546118V	3.800
75	65	2 1/2	10	5000	179546109V	7.400	179546119V	7.400
90	80	3	10	7000	179546110V	8.820	179546120V	8.820
110	100	4	10	11000	179546111V	13.900	179546121V	13.900

d (mm)	Actuator	B3 (mm)	DE1 (mm)	E (mm)	G (mm)	H (mm)	H1 (mm)	H4 (mm)	L (mm)	L1 (mm)	Lz (mm)	M (mm)	M1 (mm)	M2 (mm)	z (mm)
16	EA25	25	50	122	M6	227	27	12	92	33	28	180	97	83	64
20	EA25	25	50	122	M6	227	27	12	95	33	28	180	97	83	64
25	EA25	25	58	122	M6	231	30	12	110	33	33	180	97	83	72
32	EA25	25	68	122	M6	237	36	12	123	33	36	180	97	83	79
40	EA25	45	84	122	M8	243	44	15	146	33	43	180	97	83	94
50	EA25	45	97	122	M8	249	51	15	157	33	45	180	97	83	95
63	EA25	45	124	122	M8	264	64	15	183	33	51	180	97	83	107
75	EA45	70	166	122	M8	313	85	15	233	33	68	180	98	82	144
90	EA45	70	200	122	M8	325	105	15	254	33	71	180	98	82	151
110	EA120	120	238	122	M12	363	123	22	301	33	82	180	98	82	174

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