



**PVC-C Vented Ball Valve type 546 Pro V**  
**With solvent cement sockets PVC-C ASTM**  
**Inclusive 2 threaded union ends NPT**

**Model:**

- Lockable lever as standard
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- z-dimension, valve end and union nut are compatible with type 546 (1st Generation)
- 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:**

- Interface module for position feedback sensor with LED (PNP, NPN and NAMUR)
- Manual spring return lever ("Dead man") (DN10-25)
- Pneumatic or electric actuators from GF
- Individual configuration of valves possible

Vented ball valves for specific chemical applications. Vent allows out-gassing from inside ball preventing pressure build up. Please see data sheet and/or contact technical support for more details.

d (mm)	DN (mm)	Size (inch)	PN (bar)	kv-value ( $\Delta p=1$ bar) (L/min)	EPDM Code	SP Weight (kg)	FKM Code	SP Weight (kg)
16	10	3/8	16	70	163546341V	1	0.194	163546351V
20	15	1/2	16	185	163546342V	1	0.248	163546352V
25	20	3/4	16	350	163546343V	1	0.358	163546353V
32	25	1	16	700	163546344V	1	0.517	163546354V
40	32	1 1/4	16	1000	163546345V	1	0.652	163546355V
50	40	1 1/2	16	1600	163546346V	1	1.166	163546356V
63	50	2	16	3100	163546347V	1	2.055	163546357V
75	65	2 1/2	16	5000	163546348V	1	5.400	163546358V
90	80	3	16	7000	163546349V	1	5.821	163546359V
110	100	4	16	11000	163546350V	1	12.800	163546360V

d (mm)	B3 (mm)	DE1 (mm)	G (mm)	H (mm)	H1 (mm)	H4 (mm)	L (mm)	Lz (mm)	M (mm)	M1 (mm)	M2 (mm)	z (mm)
16	25	50	M6	60.5	27	12	92	28	82	35	47	64
20	25	50	M6	60.5	27	12	95	28	82	35	47	64
25	25	58	M6	74.0	30	12	110	33	106	44	62	72
32	25	68	M6	80.0	36	12	123	36	106	44	62	79
40	45	84	M8	95.0	44	15	146	43	131	57	74	94
50	45	97	M8	101.5	51	15	157	45	131	57	74	95
63	45	124	M8	116.5	64	15	183	51	152	66	86	107
75	70	166	M8	169.0	85	15	233	68	270	64	205	144
90	70	200	M8	180.0	105	15	254	71	270	64	205	151
110	120	238	M12	194.0	123	22	301	82	326	71	255	174

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

# Data sheet

valid from: 4/3/25



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