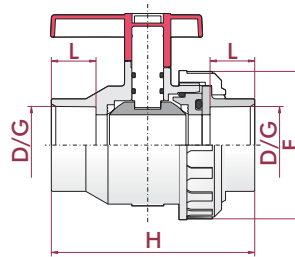


SINGLE UNION BALL VALVES - UNIBLOCK SERIES

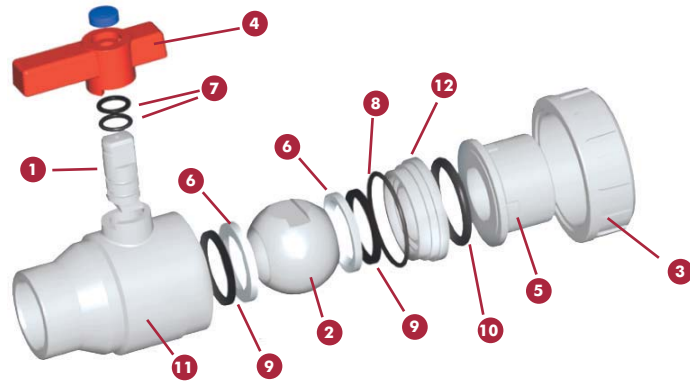
FEATURES

- “Antiblock” system that avoids ball blockage.
- 100% factory tested.
- Fast replacement of o-rings and ball seat without additional tools.
- Low maintenance.
- Excellent flow characteristics.
- Easy to install.
- Light weight.
- Ideally suited for irrigation and swimming pools.
- Sizes from 1/2” to 3”.
- Available standards: ANSI/ASTM, Metric, British Standard.
- Threaded versions: NPT and BSP.
- O-rings in EPDM.
- Ball seat in HDPE.



D / G	L	H	E
1/2"	0.6"	3.3"	2"
3/4"	0.7"	4"	2.3"
1"	0.7"	4.5"	2.6"
1 1/4"	0.8"	5.2"	3.2"
1 1/2"	1.2"	5.2"	3.6"
2"	1.3"	6.5"	4.5"
2 1/2"	1.7"	9.3"	4.9"
3"	1.9"	10.5"	6.9"

Fig.	Parts	Material
1	Stem	PVC
2	Ball	PVC
3	Union nut	PVC
4	Handle	PP
5	End connector	PVC
6	Ball seat	PE
7	Stem o-ring	EPDM
8	Body o-ring	EPDM
9	Dampener seal	EPDM
10	End connector o-ring	EPDM
11	Body	PVC
12	Seal carrier	PVC



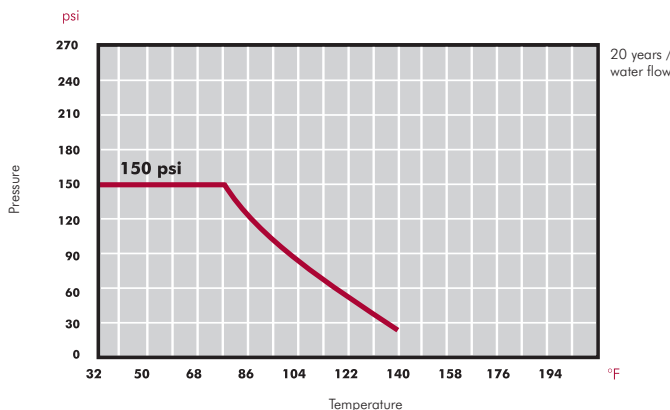
NSF National Sanitation Foundation (USA)
NSF 61
Uniblock Series
ASTM F1970

$$Cv = Kv_{100} / 14,28$$

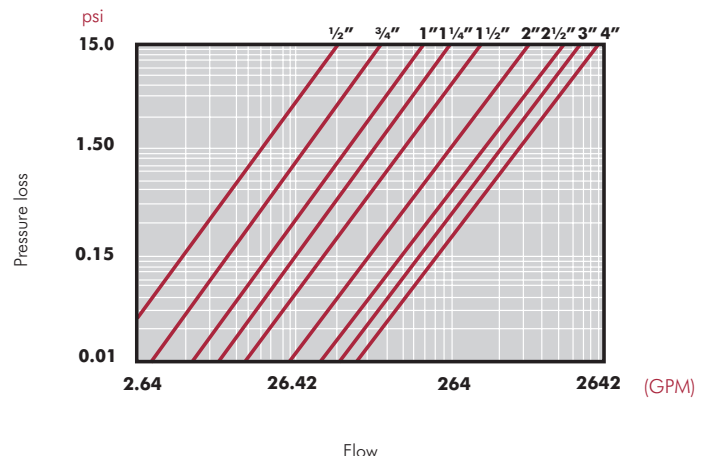
Kv_{100} (l/min, $\Delta p = 1$ bar)
 Cv (GPM, $\Delta p = 1$ psi)

D / G	Kv_{100}	Cv
1/2"	102	7
3/4"	260	18
1"	451	32
1 1/4"	1627	114
1 1/2"	1900	133
2"	3200	224
2 1/2"	5400	378
3"	6800	476

PRESSURE-TEMPERATURE RELATIONSHIP GUIDE



TOTAL DYNAMIC HEAD



PVC Single Union Ball Valves - Uniblock Series - PE/EPDM

**PVC SINGLE UNION****Threaded**

Seats: HDPE
O-rings: EPDM
150 psi @ 73°F

Size	Reference	psi	Pack	Weight (lb)	Q	Code
1/2"	05 70 801 BL	150	B	7.35	24 (12)	22093
3/4"	05 70 802 BL	150	B	5.85	12 (6)	22094
1"	05 70 803 BL	150	B	7.68	12	22095
1 1/4"	05 70 804 BL	150	B	6.45	6	22096
1 1/2"	05 70 805 BL	150	C	13.75	12	11381
2"	05 70 806 BL	150	D	27.06	12	15699
2 1/2"	05 70 807 BL	150	D	23.10	4 (1)	27418
3"	05 70 808 BL	150	D	18.57	2 (1)	27419

**PVC SINGLE UNION****Socket**

Seats: HDPE
O-rings: EPDM
150 psi @ 73°F

Size	Reference	psi	Pack	Weight (lb)	Q	Code
1/2"	05 70 901 MABL	150	B	7.22	24 (12)	22097
3/4"	05 70 902 MABL	150	B	5.72	12 (6)	22098
1"	05 70 903 MABL	150	B	7.26	12	22099
1 1/4"	05 70 904 MABL	150	B	6.34	6	22100
1 1/2"	05 70 905 MABL	150	C	12.72	12	11373
2"	05 70 906 MABL	150	D	26.62	12	15695
2 1/2"	05 70 907 MABL	150	D	22.44	4 (1)	27420
3"	05 70 908 MABL	150	D	18.15	2 (1)	27421

**PVC SINGLE UNION****Threaded (M) x socket**

Seats: HDPE
O-rings: EPDM
150 psi @ 73°F

Size	Reference	psi	Pack	Weight (lb)	Q	Code
1 1/2"	05 70 945 MABL	150	C	14.23	12	11378
2"	05 70 946 MABL	150	D	27.72	12	15697

**PVC SINGLE UNION****Threaded (F) x (M)**

Seats: HDPE
O-rings: EPDM
150 psi @ 73°F

Size	Reference	psi	Pack	Weight (lb)	Q	Code
1 1/2"	05 70 825 BL	150	C	14.23	12	11380
2"	05 70 826 BL	150	D	27.72	12	15698

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