

BALL VALVES - UNIBLOCK SERIES

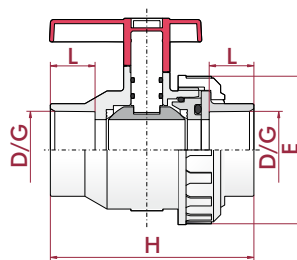
VÁLVULAS DE BOLA - SERIE UNIBLOCK

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.
- Threaded versions: NPT.
- O-rings in EPDM.
- Ball seat in HDPE.

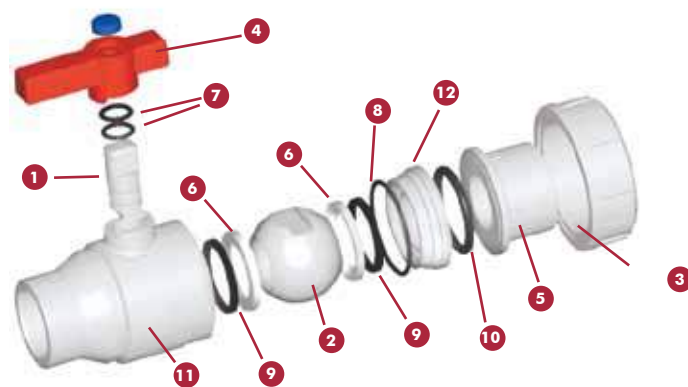
CARACTERÍSTICAS

- Sistema "Antiblock" que evita el bloqueo de la bola.
- 100% probado en fábrica.
- Rápido mantenimiento sin necesidad de herramientas.
- Bajo mantenimiento.
- Excelentes características de caudal.
- Fácil instalación.
- Ligera.
- Ideal para riego y piscinas.
- Medidas 1/2" a 3".
- Standards: ANSI/ASTM.
- Rosca: NPT.
- Juntas en EPDM.
- Asiento de bola en 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 1/2"	1.2"	5.2"	3.6"
2"	1.3"	6.5"	4.5"
3"	1.9"	10.5"	6.9"

Fig.	Parts	Partes	Material
1	Stem	Eje	PVC
2	Ball	Bola	PVC
3	Union nut	Tuerca unión	PVC
4	Handle	Maneta	PP
5	End connector	Manguito unión	PVC
6	Ball seat	Asiento de bola	PE
7	Stem o-ring	Junta eje	EPDM
8	Body o-ring	Junta cuerpo	EPDM
9	Dampener seal	Junta amortiguación	EPDM
10	End connector o-ring	Junta manguito	EPDM
11	Body	Cuerpo	PVC
12	Seal carrier	Porta-juntas	PVC



$C_v = K_v_{100} / 14,28$
 K_v_{100} (l/min, Δp = 1 bar)
 C_v (GPM, Δp = 1 psi)

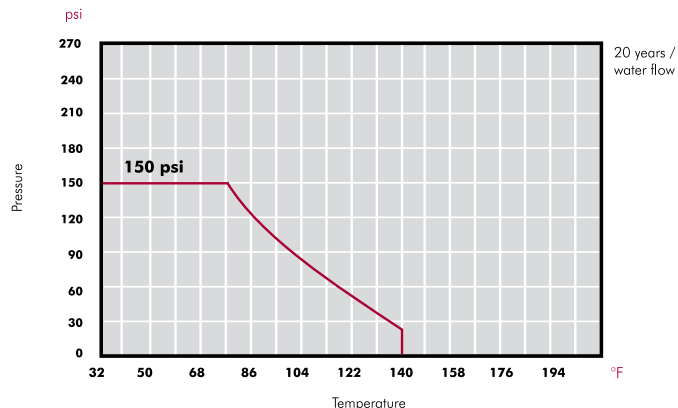
D / G	Kv ₁₀₀	Cv
1/2"	102	7
3/4"	260	18
1"	451	32
1 1/2"	1900	133
2"	3200	224
3"	6800	476



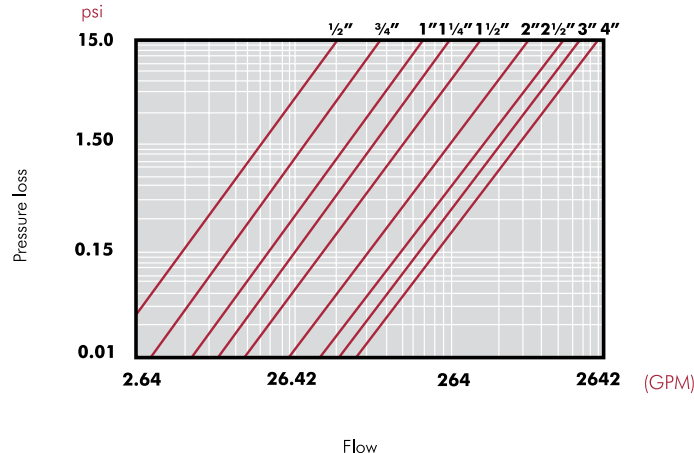
NSF National Sanitation Foundation (USA)
 NSF 61
 Uniblock Series
 ASTM F1970



PRESSURE-TEMPERATURE RELATIONSHIP GUIDE



TOTAL DYNAMIC HEAD



PVC Single Union Ball Valves - Uniblock Series - PE/EPDM
Válvulas de bola PVC unión simple - Serie Uniblock - PE/EPDM

Socket
Cementar

Seats / asientos: HDPE
O-rings / juntas: 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 1/2"	05 70 905 MABL	150	C	12.72	12	11373
2"	05 70 906 MABL	150	D	26.62	12	15695


Threaded (F)
Roscar

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

Size	Reference	psi	Pack	Weight (lb)	Q	Code
1 1/2"	05 70 805 BL	150	C	13.75	12	11381
2"	05 70 806 BL	150	D	27.06	12	15699