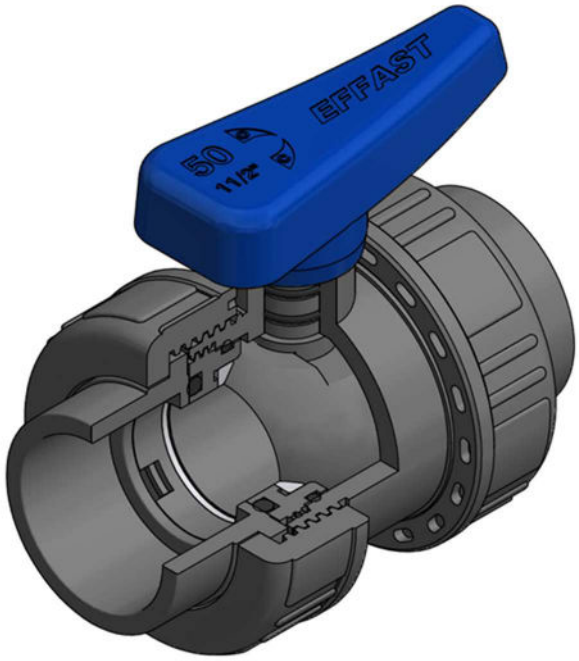
PVC-U Double union ball valves BV
PVC-U Valvole a sfera radiali BV

BV valve is a PVC-U double union ball valve ideal for applications in the field of agriculture, swimming pools, light water treatment and non-critical chemicals.

La valvola BV è una valvola a sfera radiale in PVC-U è ideale per applicazioni in agricoltura, piscine, trattamento delle acque e prodotti chimici non critici.

- Full bore ball locked in place on both sides.
  Sfera di tipo flottante a passaggio totale e bloccata da entrambi i lati.
- Machined ball to ensure the best sealing.
  Sfera lavorata per garantire la miglior tenuta.
- Sealing adjustment and disassembling by key incorporated on the handle.
  Possibilità di regolazione del supporto guarnizioni tramite la chiave incorporata nella maniglia.
- PVC-U compound fit for contact with potable water according to European, UK and USA regulations.
  PVC-U idoneo al contatto con acqua potabile secondo le normative in vigore in Europa, UK, e USA.
- Marine Application approval.
  Certificata per applicazioni navali.
- Compliant with the requirements of Pressure Equipment Directive 2014/68/EU, Annex III, Module A2.
  Conforme ai requisiti della Direttiva Europea 2014/68/EU sulle attrezzature in pressione, Allegato III, Modulo A2.



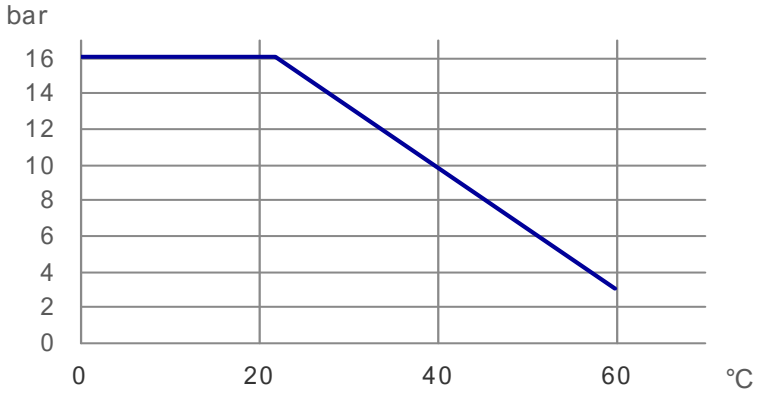
TECHNICAL FEATURES / CARATTERISTICHE TECNICHE	
NOMINAL PRESSURE / *PRESSIONE NOMINALE*	PN 16 (20°C)
DIMENSIONS / *DIMENSIONI*	DN 15 ÷ DN 100 (d.16 ÷ 110 mm – 3/8" ÷ 4")
VALVE MATERIAL / *MATERIALE VALVOLA*	PVC-U
SEALS MATERIAL / *MATERIALE GUARNIZIONI*	O-rings: EPDM / *O-ring*: *EPDM* Ball seats: PE / *Tenute della sfera: PE*
TEMPERATURE RANGE / *TEMPERATURA*	0°C ÷ 60°C
COUPLING STANDARDS / *GIUNZIONI*	Solvent welded sockets: metric, BS, ASTM, JIS / *Manicotti incollaggio: metrici, BS, ASTM, JIS* Threaded sockets: BSPP, NPT / *Manicotti filettati: BSPP, NPT* Compression joints / *Giunti a compressione*
CONTROL OPTIONS / *OPZIONI DI COMANDO*	Hand-operated / *Manuale*

Certifications and approvals: only for items declared on Official Listing or certificates. / *Certificazioni: solo per gli articoli dichiarati nelle Official Listing o nei certificati stessi.*

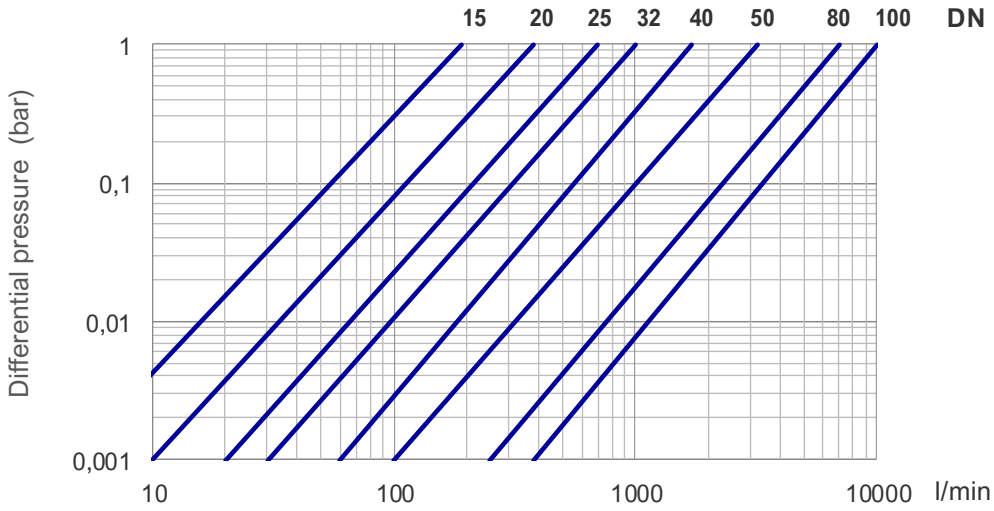
PVC-U Double union ball valves BX
PVC-U Valvole a sfera radiali BX

Operating pressure / *Pressione di esercizio*

Maximum operating pressure for PVC-U: according to temperature as shown in graph.
Massima pressione di esercizio per il PVC-U: secondo quanto indicato nel grafico in figura.



Pressure loss / *Perdite di carico*



Flow rate coefficient Kv100 / *Coefficiente di flusso Kv100*

At Δp = 1 bar / *Per Δp = 1 bar*

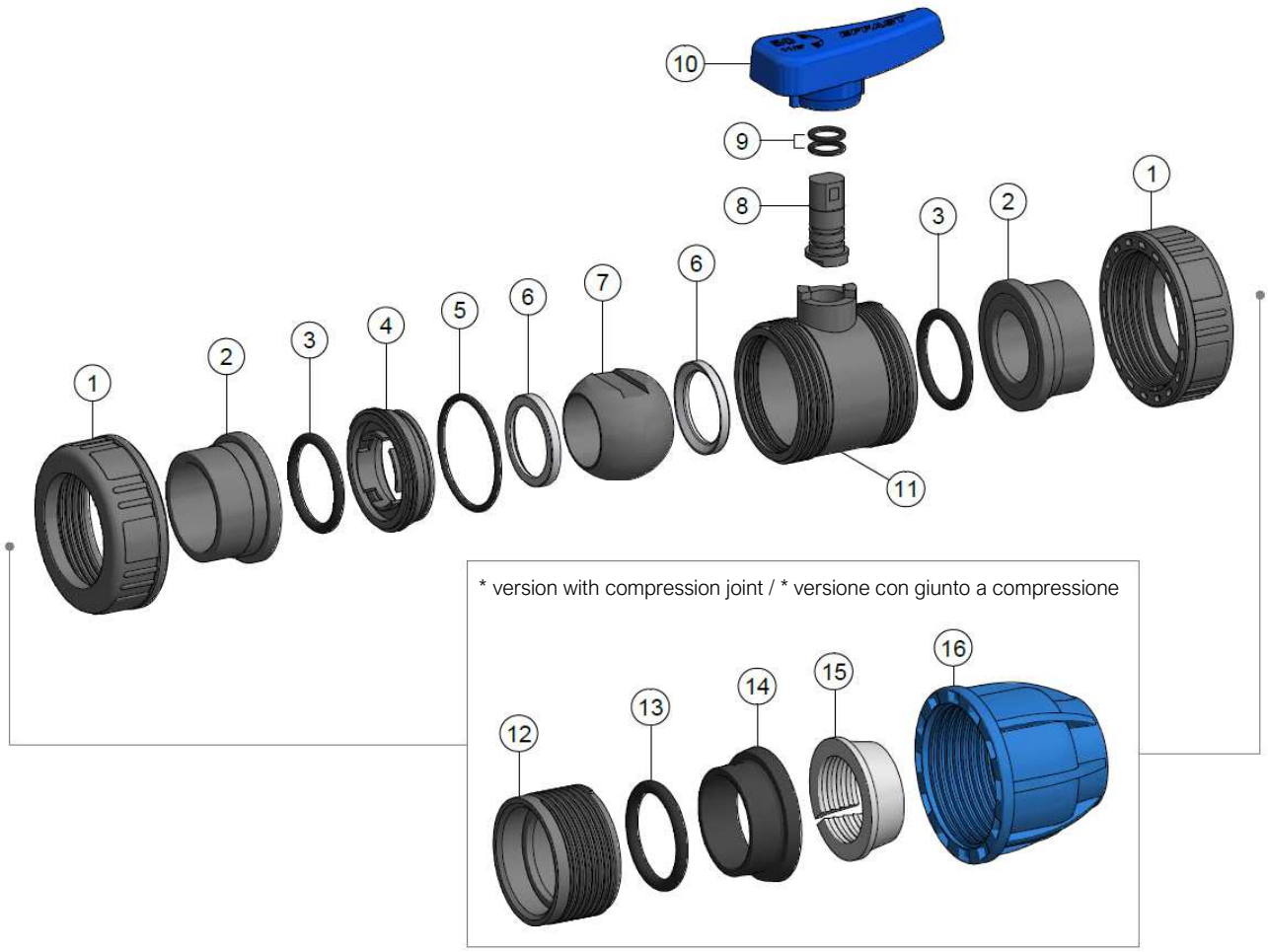
DN	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50	DN 80	DN 100
l/min	190	380	700	1000	1700	3200	7000	10000

Torque force at maximum pressure rate / *Coppia di chiusura alla massima pressione*

DN	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50	DN 80	DN 100
Nm	1.5	2	3	5	7	10	24	30

PVC-U Double union ball valves BV
PVC-U Valvole a sfera radiali BV

Components / *Componenti*



n.	COMPONENT	MATERIAL	Qty
1	Nut / *Ghiera*	PVC-U	2
2	Socket / *Manicotto*	PVC-U	2
3	Socket O-ring / *O-ring manicotto*	EPDM	2
4	Gasket carrier / *Supporto guarnizioni*	PVC-U	1
5	Body O-ring / *O-ring corpo*	EPDM	1
6	Ball seat / *Tenuta sfera*	PE	2
7	Ball / *Sfera*	PVC-U	1
8	Stem / *Asta*	PVC-U	1

n.	COMPONENT	MATERIAL	Qty
9	Stem O-ring / *O-ring asta*	EPDM	2
10	Handle / *Maniglia*	PVC-U	1
11	Body / *Corpo*	PVC-U	1
12*	Adaptor / Adattatore	PVC-U	2
13*	Joint O-ring / O-ring giunto	NBR	2
14*	Blocking bush / Bussola di bloccaggio	PP	2
15*	Clinching ring / Anello di graffaggio	POM	2
16*	Joint nut / Ghiera giunto	PP	2

NSF and WRAS certifications: only for valves with EPDM seals. Certifications and approvals are related to items declared on Official Listing or certificates. /
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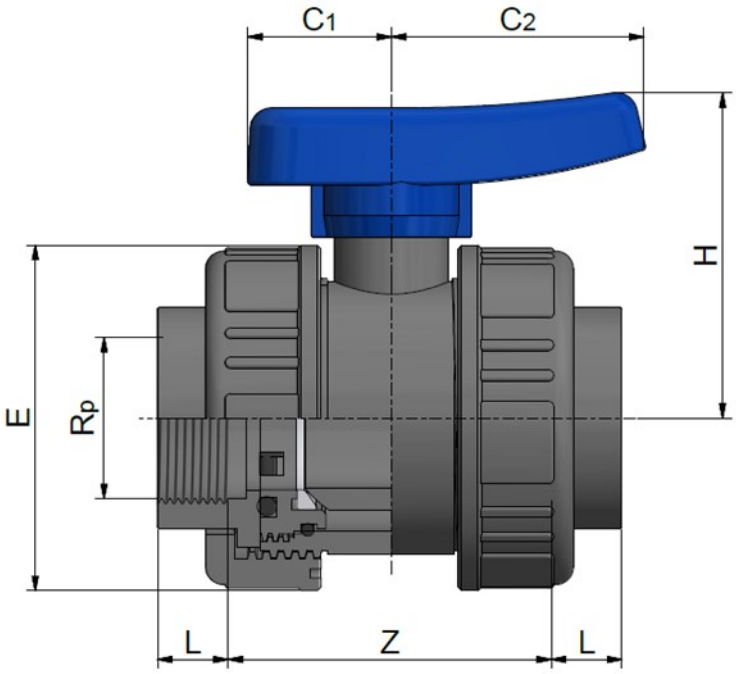
PVC-U True union ball valves BV

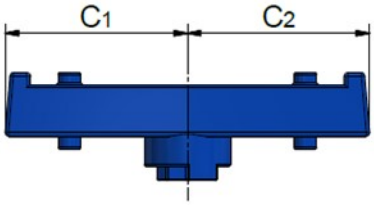
PVC-U Valvole a sfera bighiera BV

BSPP THREADED SOCKETS
MANICOTTI FILETTATI BSPP

Rev. Mar 2021

- Thread according to ISO 228-1 / *Filettatura secondo ISO 228-1*
- Seals: EPDM / *Guarnizioni: EPDM*
- Ball seats: PE / *Tenute della sfera: PE*





Handle d.75-110 / *Maniglia d.75-110*

Code EPDM	Rp	DN	L min	Z max	H	C1	C2	E	PN	Weight (g)
BERBVE016A	3/8"	15	11,4	57,2	50	22	42	49	16	140
BERBVE020B	1/2"	15	15	50	50	22	42	49	16	140
BERBVE025C	3/4"	20	16,3	59,4	58	24	49	60	16	200
BERBVE032D	1"	25	19,5	67	69	26	59	69	16	300
BERBVE040E	1"1/4	32	21,4	78,2	76	32	65	80	16	450
BERBVE050F	1"1/2	40	21,4	87,2	92	40	71	96	16	690
BERBVE063G	2"	50	25,7	98,6	109	45	79	116	16	1150
BERBVE075H	2"1/2	65	30,2	168,6	145	84,5	84,5	167	16	3050
BERBVE090I	3"	80	33,3	146,4	145	84,5	84,5	167	16	3200
BERBVE110L	4"	100	39,3	205,4	170	102	102	179	16	5400

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