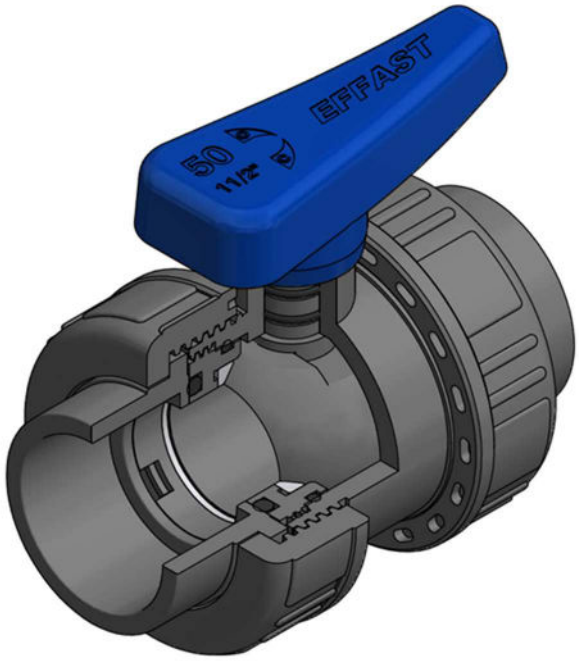
PVC-U Double union ball valves BV
PVC-U Valvole a sfera radiali BV

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.*

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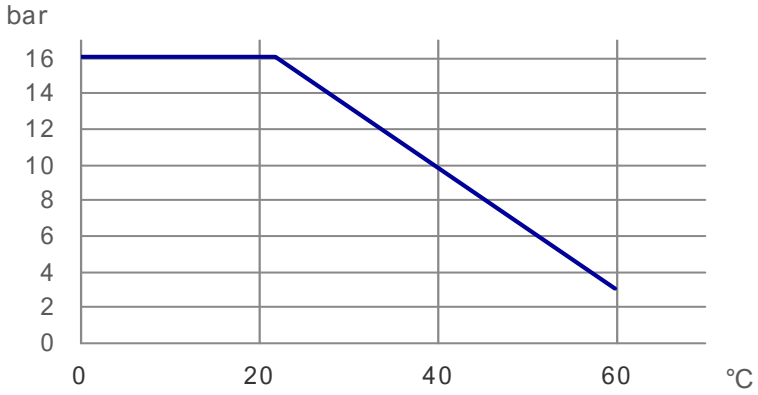
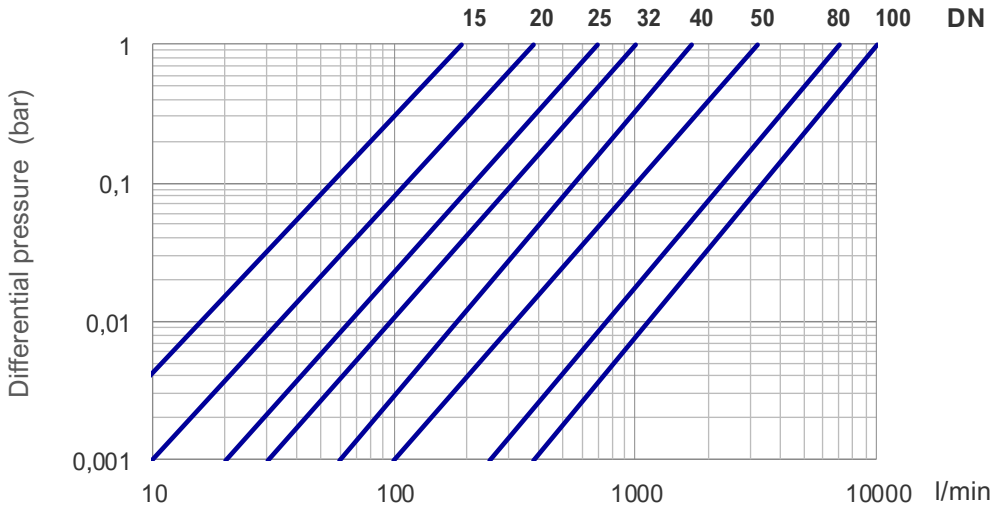
Operating pressure / *Pressione di esercizio*

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

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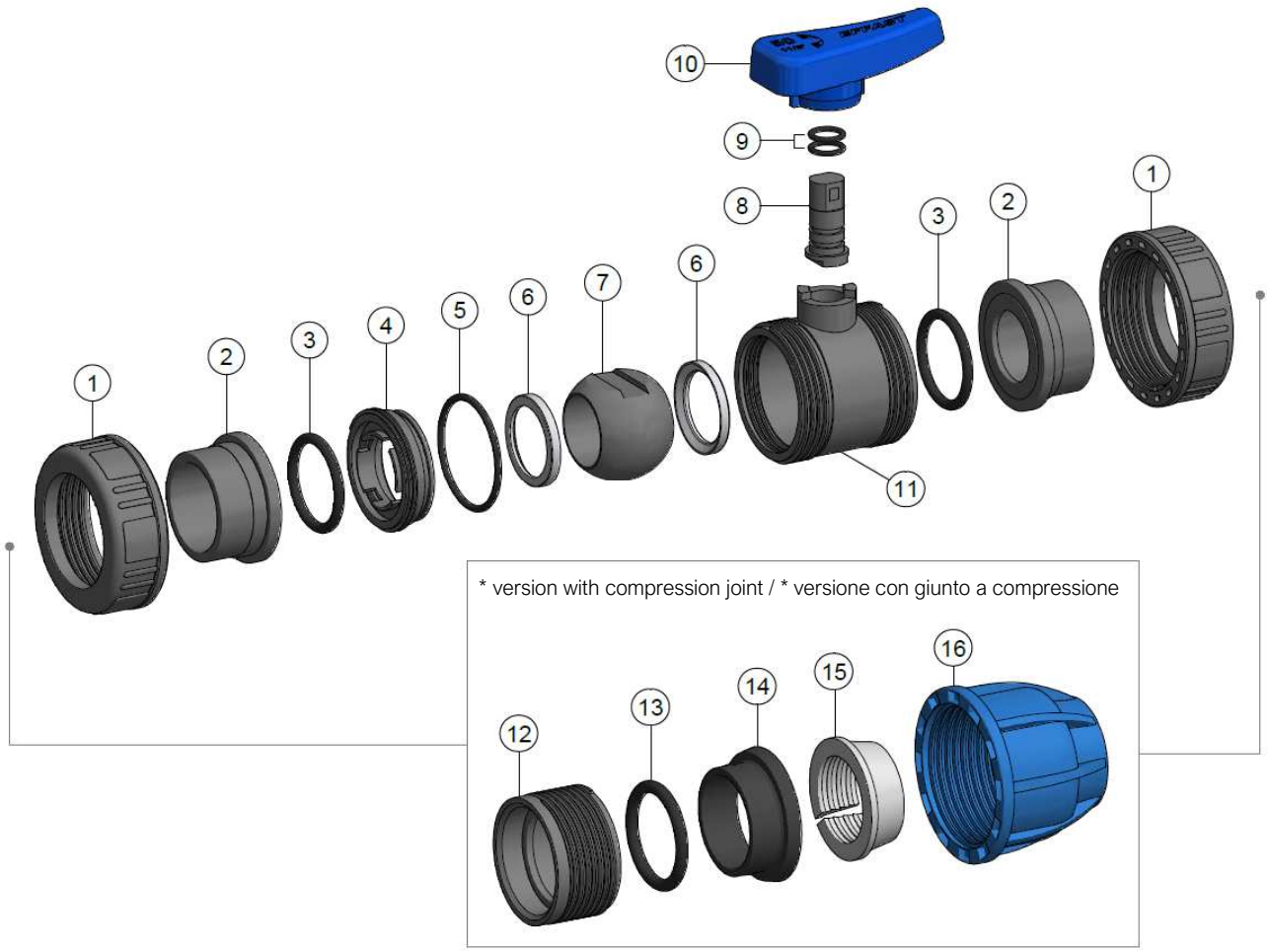
Components / *Componenti*



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. /
Certificazioni NSF e WRAS: valide solo per le valvole con guarnizioni EPDM. Le certificazioni si riferiscono ai prodotti dichiarati nelle Official Listing o sui certificati stessi.

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