

## PVC-U Single union ball valves SV

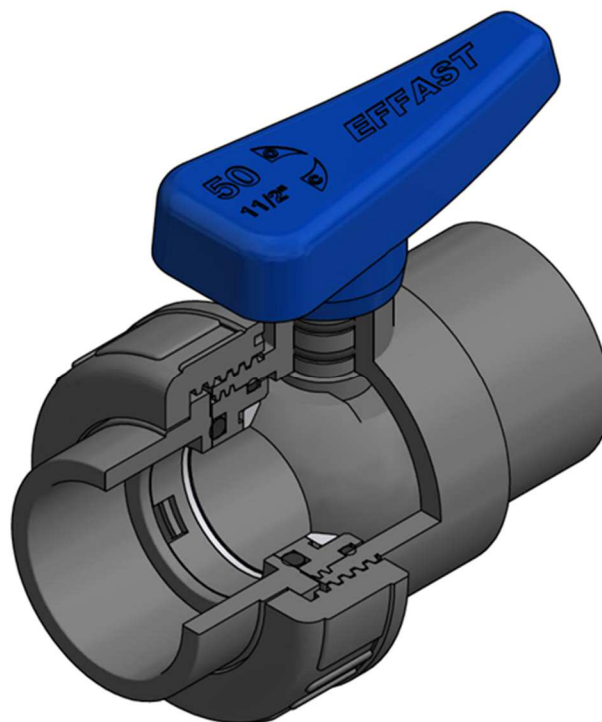
### PVC-U Valvole a sfera monoghiera SV

Rev. Sep 2020

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

*La valvola SV è una valvola a sfera monoghiera in PVC-U, 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.20 ÷ 110 mm – 1/2" ÷ 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 / Manicotti incollaggio: metrici, BS BSPP threaded sockets / Manicotti filettati femmina BSPP BSPP threaded socket - spigot end / Manicotto filettato BSPP femmina - estremità filettata maschio BSPP threaded socket - compression joint / Manicotto filettato BSPP femmina - giunto 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.

Polypipe Italia  
Loc. Pianmercato 5C-5D-5H, 16044 Cicagna (GE), Italy  
Tel: +39 0185 92399 E-mail: [support@effast.com](mailto:support@effast.com)

[www.effast.com](http://www.effast.com)

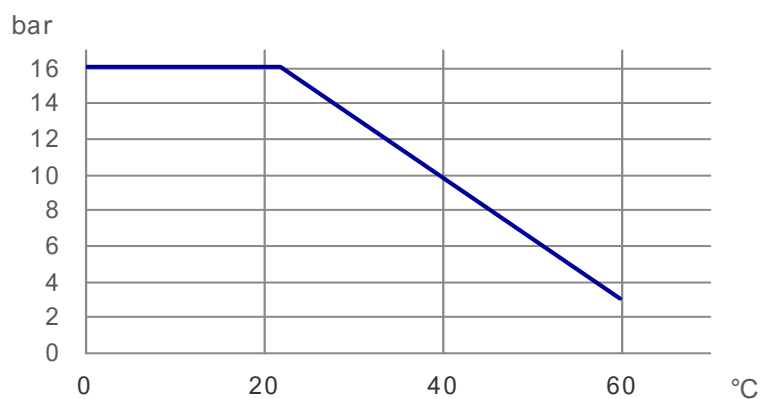
# EFFAST

## PVC-U Single union ball valves SV PVC-U Valvole a sfera monoghiera SV

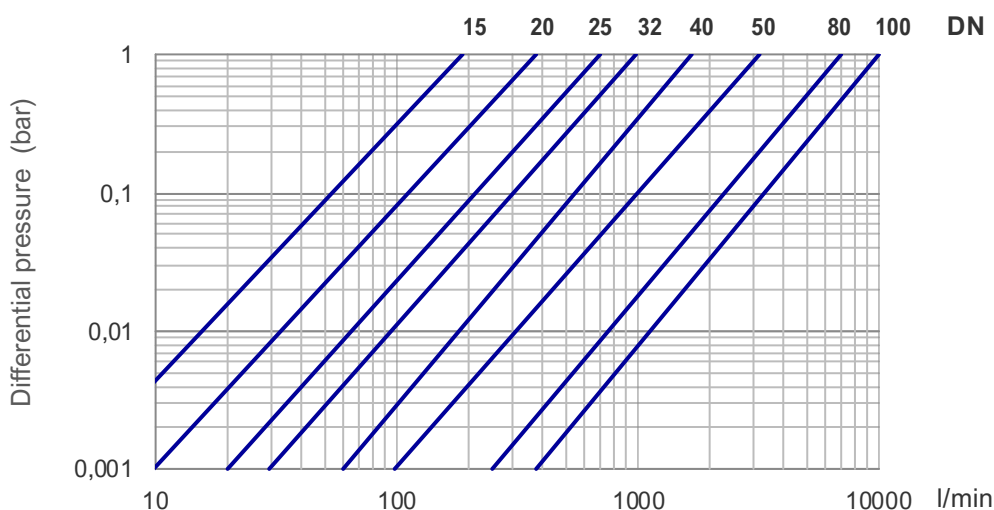
### Operating pressure / Pressione di esercizio

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  $\Delta p = 1$  bar / Per  $\Delta p = 1$  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

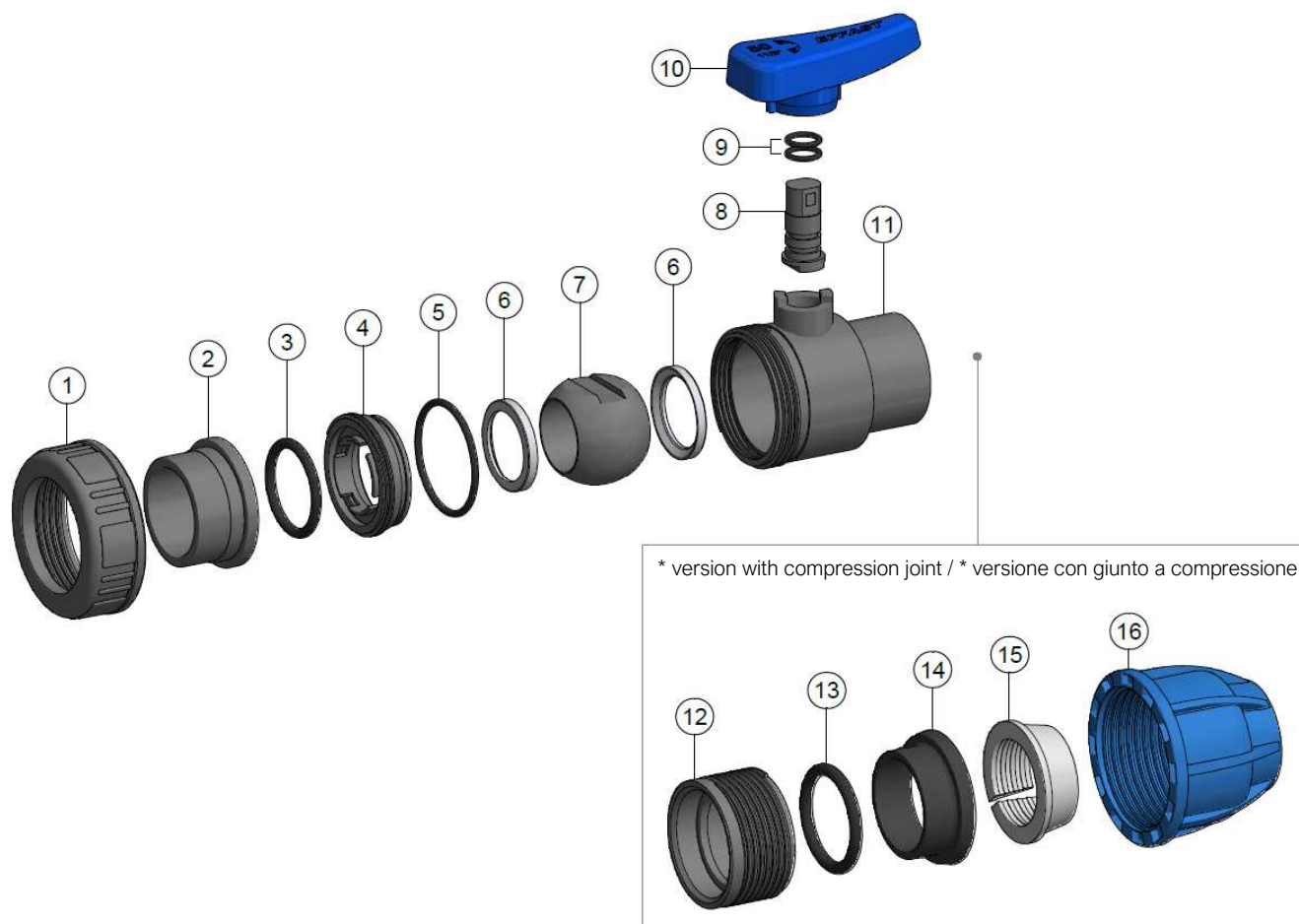
### Torque force at maximum pressure rate / Coppia di chiusura alla massima pressione

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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## PVC-U Valvole a sfera monoghiera SV

### Components / Componenti



n.	COMPONENT	MATERIAL	Qty
1	Nut / Ghiera	PVC-U	1
2	Socket / Manicotto	PVC-U	1
3	Socket O-ring / O-ring manicotto	EPDM	1
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	1
13*	Joint O-ring / O-ring giunto	NBR	1
14*	Blocking bush / Bussola di bloccaggio	PP	1
15*	Clinching ring / Anello di graffaggio	POM	1
16*	Joint nut / Ghiera giunto	PP	1

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