

## **PVCu 3 way ball valves BT**

### **PVCu Valvole a sfera a 3 vie BT**

Rev. May 2020

BT valve is a PVC-U 3 way ball valve, ideal for applications in swimming pools, light water treatment and non-critical chemicals.

*La valvola BT è una valvola a sfera a 3 vie in PVC-U, ideale per applicazioni in piscine, trattamento delle acque e prodotti chimici non critici.*

- Radial installation and removal / *Installazione e rimozione radiale*
- Double sided blocked ball / *Sfera bloccata da entrambi i lati*
- Machined ball / *Sfera lavorata*
- Full section area of flow (nominal bore) / *Passaggio totale del flusso (foro nominale)*
- Floating ball / *Sfera flottante*



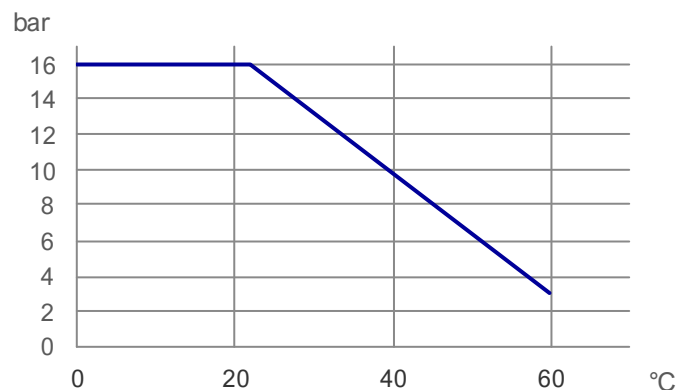
#### **TECHNICAL FEATURES / CARATTERISTICHE TECNICHE**

NOMINAL PRESSURE / <i>PRESSIONE NOMINALE</i>	PN 16 (20°C)
DIMENSIONS / <i>DIMENSIONI</i>	DN 15 ÷ DN 50 (d.20 ÷ 63 mm – 1/2" ÷ 2")
VALVE MATERIAL / <i>MATERIALE VALVOLA</i>	PVC-U
SEALS MATERIAL / <i>MATERIALE GUARNIZIONI</i>	O-rings: EPDM / <i>O-ring: EPDM</i> Ball seats: PTFE / <i>Tenute della sfera: PTFE</i>
TEMPERATURE RANGE / <i>TEMPERATURA</i>	0°C ÷ 60°C
COUPLING STANDARDS / <i>GIUNZIONI</i>	Solvent welded sockets metric or BSPP threaded sockets / <i>Manicotti per incollaggio metrici o manicotti filettati femmina BSPP</i>
CONTROL OPTIONS / <i>OPZIONI DI COMANDO</i>	Hand-operated / <i>Manuale</i>

#### **Operating pressure / Pressione di esercizio**

Maximum operating pressure for PVC-U: according to temperature as shown in graph.

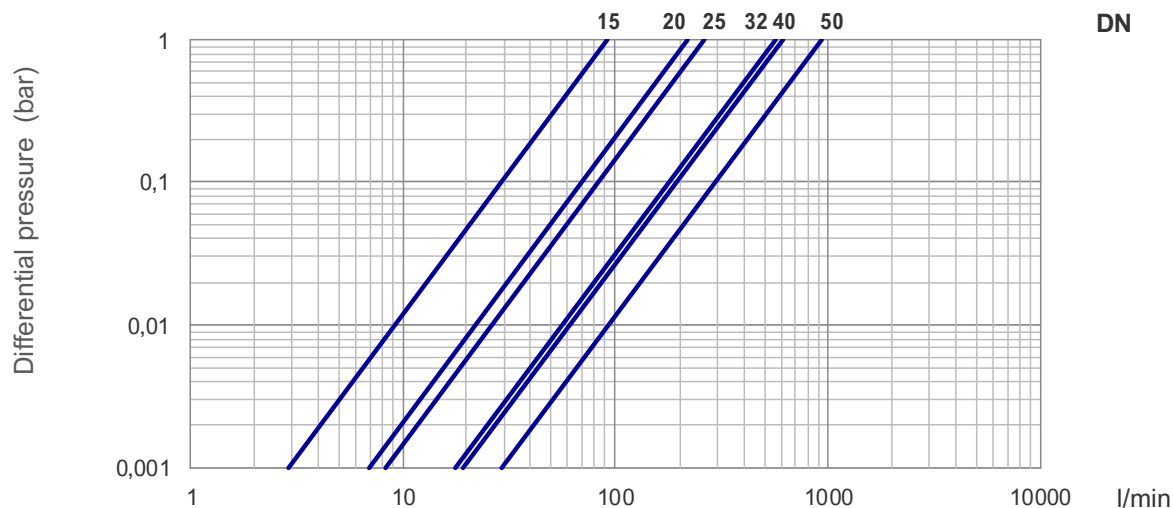
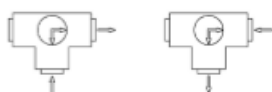
*Massima pressione di esercizio per il PVC-U: secondo quanto indicato nel grafico in figura.*



## PVCu 3 way ball valves BT PVCu Valvole a sfera a 3 vie BT

### Pressure loss / Perdite di carico

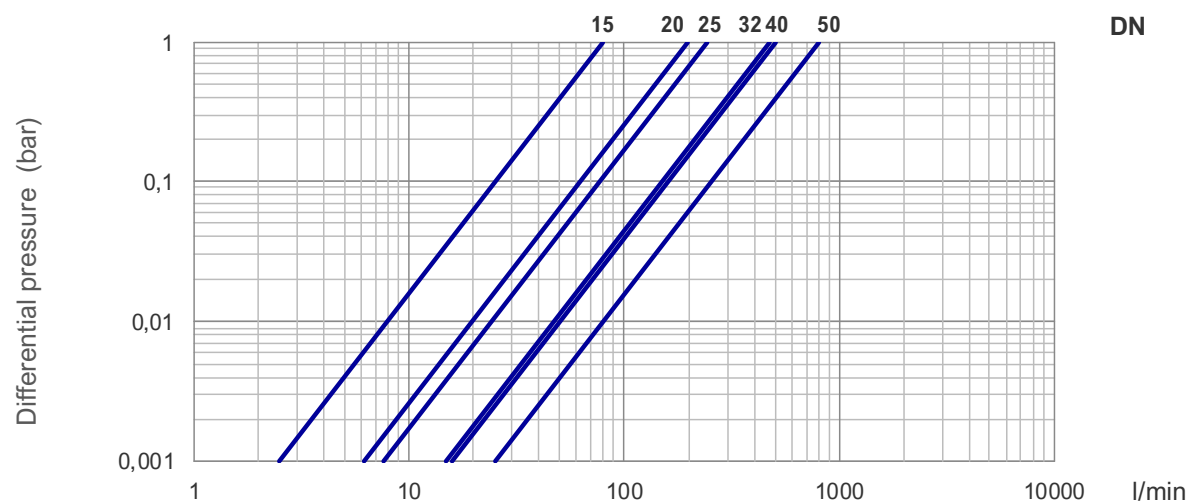
L Port / Porta L.



DN	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
0.001 bar	2.9	6.9	8.3	17.8	19.3	29.4
1 bar	93	218	261	562	610	930

### Pressure loss / Perdite di carico

L Port / Porta L.

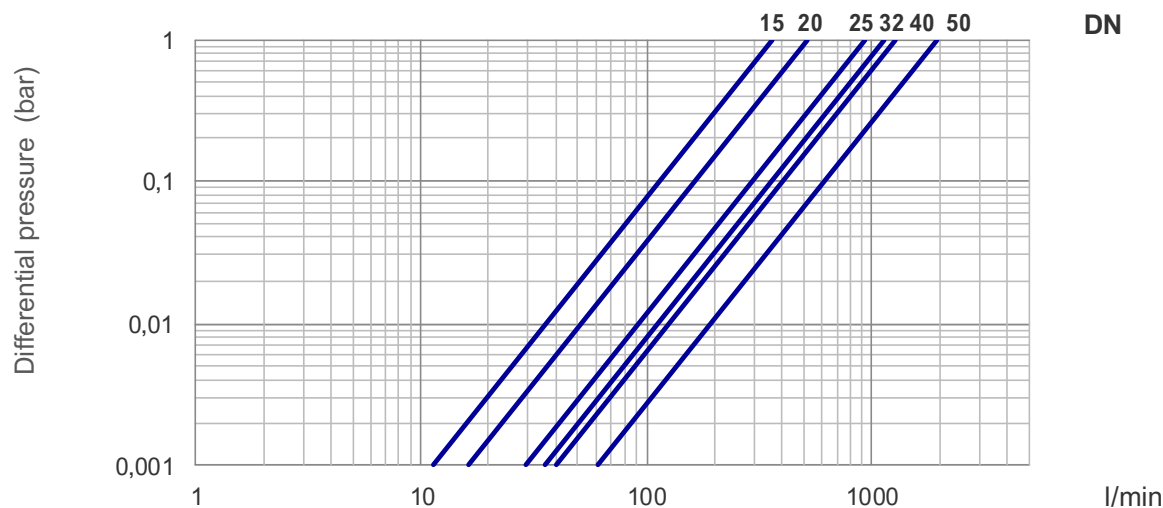


DN	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
0.001 bar	2.5	6.2	7.6	15	16	25.5
1 bar	80	195	240	473	507	805

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### Pressure loss / Perdite di carico

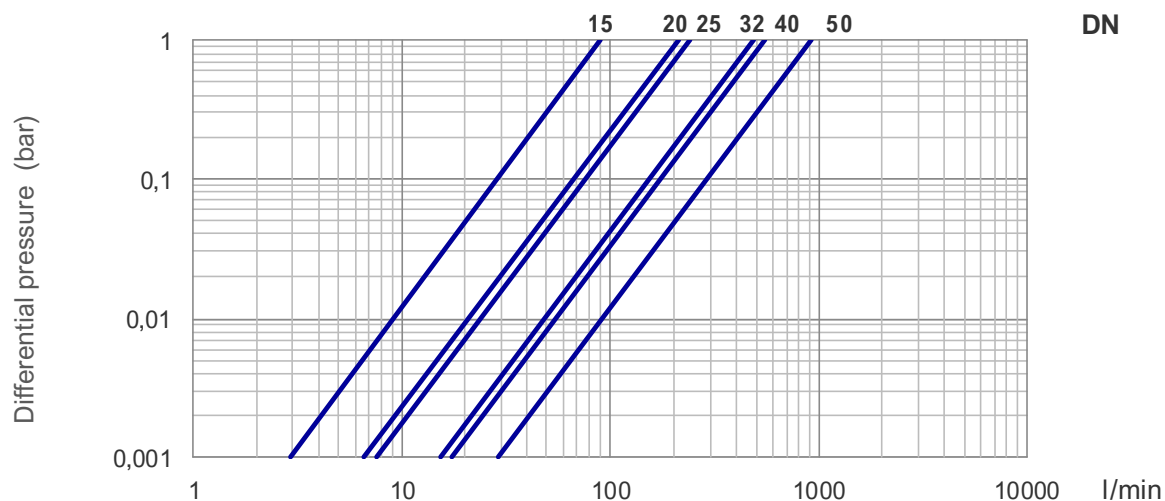
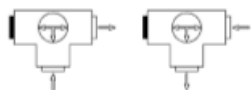
T Port / Porta T.



DN	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
0.001 bar	6.5	11.4	16.3	35.6	40	61.3
1 bar	166	207	360	515	1127	1940

### Pressure loss / Perdite di carico

T Port / Porta T.

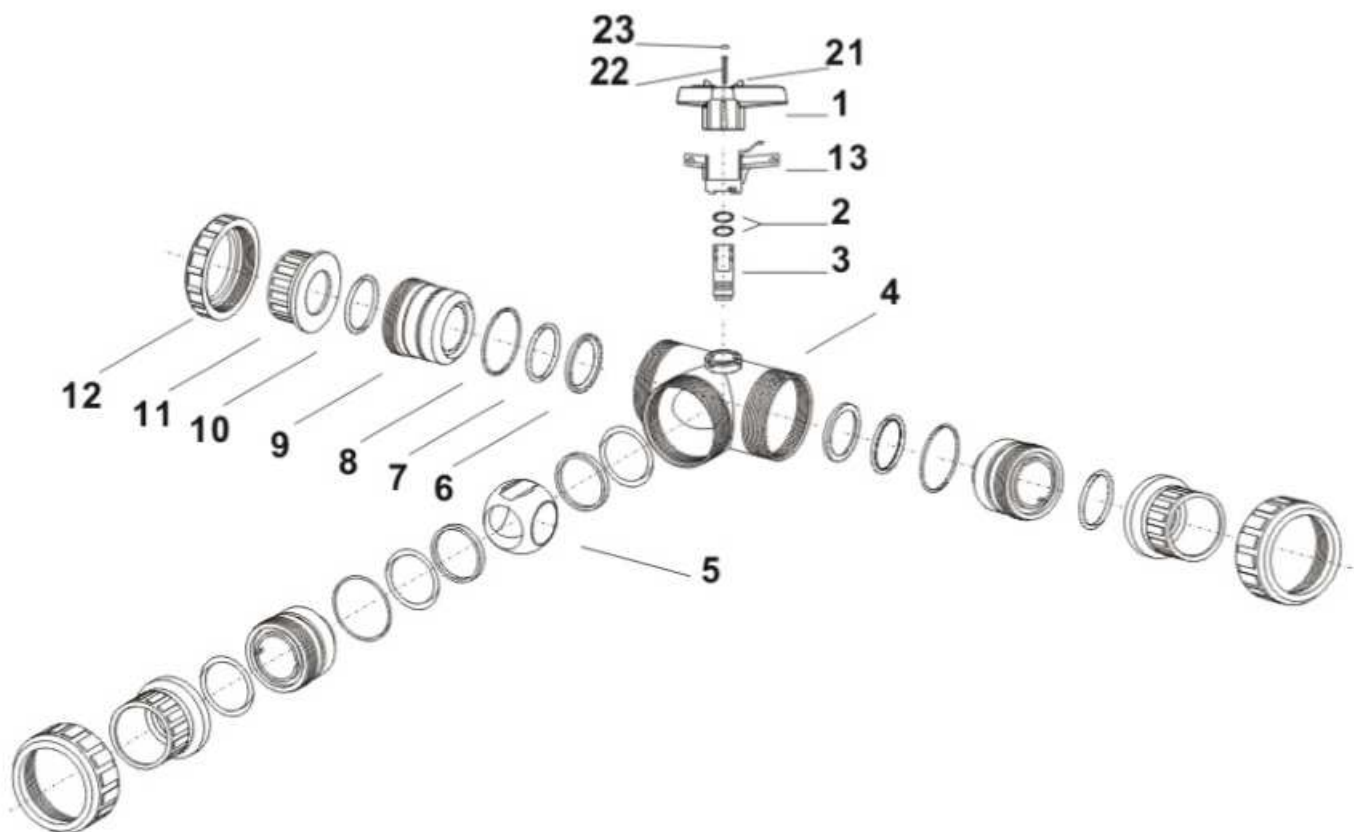


DN	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
0.001 bar	2.9	6.6	7.6	15.5	17.6	29.1
1 bar	90	210	240	490	555	920

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#### Components / Componenti



n.	COMPONENT
1	Handle / Maniglia
2	O-ring / O-ring
3	Stem / Asta
4	Body / Corpo
5	Ball L o T / Sfera a L o T
6	Ball seat / Tenuta sfera
7	O-ring / O-ring
8	O-ring / O-ring

n.	COMPONENT
9	Thrust collar / Collare di spint
10	O-ring / O-ring
11	Socket / Manicotto
12	Nut / Ghiera
13	Spring loaded locking sleeve / Manicotto di blocco caricato a molla
21	Stub tenon for opening thrust collar / Troncone per apertura reggisinta
22	Screw / Vite
23	PLS-labeling insert / Inserito con etichetta PLS

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