

PVC-U Shut-off valves
PVC-U Valvole di regolazione

PVC-U Angle seat shut-off valves – VI series

PVC-U Valvole di regolazione a sede inclinata – serie VI

The VIV angle seat valve is a shutting-off and regulating valve particularly suitable for clean fluids.

La valvola a sede inclinata VIV è una valvola di regolazione e d'intercettazione particolarmente adatta per applicazioni con fluidi puliti.

- Can be installed in any position.
Possibilità di installazione in ogni posizione.
- No metal parts in contact with the fluid.
Nessuna parte metallica in contatto con il fluido.
- Valve material compatibility (PVC-U) with water, drinking water and other food substance conveyance according to current regulations.
Compatibilità del materiale della valvola (PVC-U) con il convogliamento di acqua, acqua potabile e altre sostanze alimentari secondo le normative vigenti.



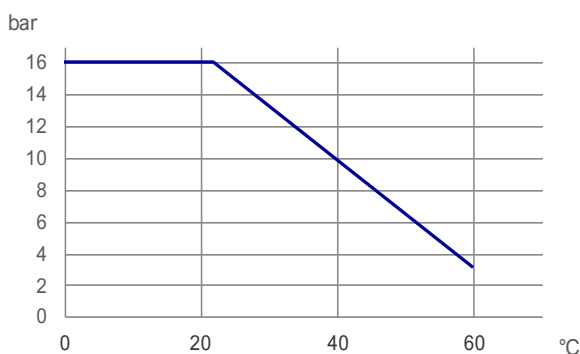
TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

NOMINAL PRESSURE / PRESSIONE NOMINALE	PN 10 (145 psi) 20°C
DIMENSIONS / DIMENSIONI	DN 15 ÷ DN 50 (d.20 ÷ 63 mm)
VALVE MATERIAL / MATERIALE VALVOLA	PVC-U
SEALS MATERIAL / MATERIALE GUARNIZIONI	EPDM +PE
TEMPERATURE RANGE / TEMPERATURA	0°C ÷ 60°C
COUPLING STANDARDS / GIUNZIONI	Metric solvent welded spigots / Manicotti maschio per incollaggio metrici

Operating pressure / Pressione di esercizio

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

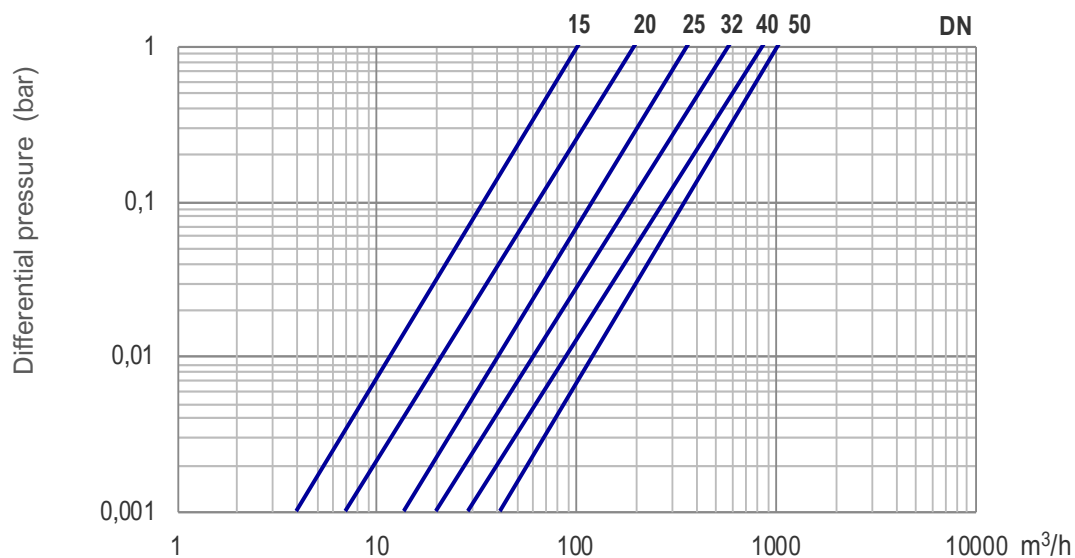
Massima pressione di esercizio per il PVC-U: secondo quanto indicato nel grafico in figura.



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Pressure loss / Perdite di carico



Flow rate coefficient Kv100 / Coefficiente di flusso Kv100

At $\Delta p = 1$ bar.

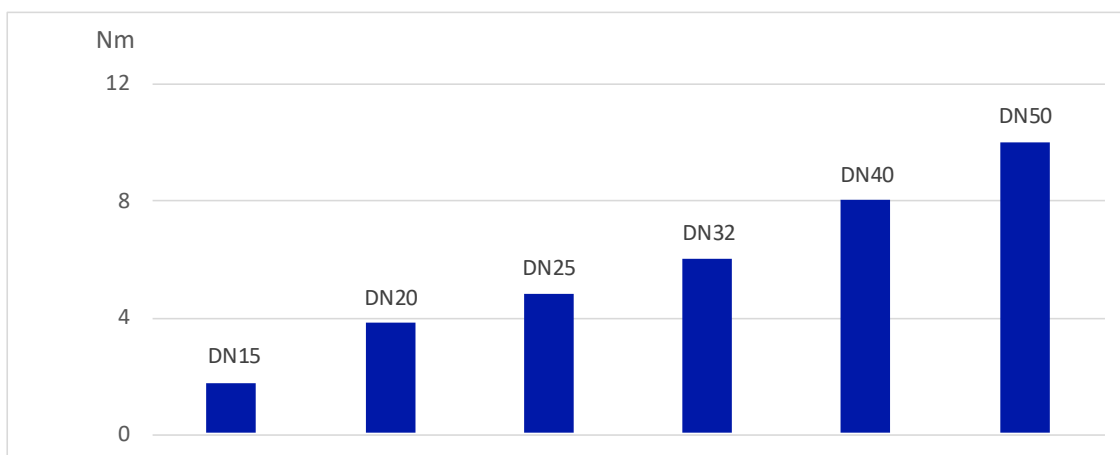
Kv100 flow coefficient is the flow rate of water at 20°C that will generate 1 bar pressure drop. The Kv100 values in the table are calculated for the valve completely open.

Per $\Delta p = 1$ bar.

Il coefficiente di flusso Kv100 è la portata dell'acqua a 20° che genera una caduta di pressione di 1 bar. I valori del coefficiente Kv100 riportati nella tabella sono riferiti alla valvola completamente aperta.

DN	15	20	25	32	40	50
l/min	110	205	375	560	835	1300

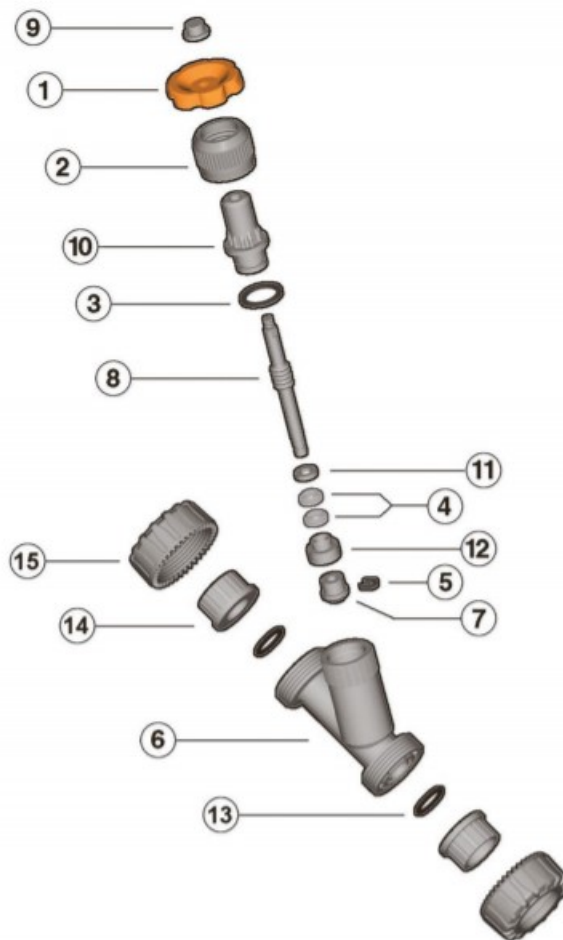
Operating torque at maximum working pressure / Coppia di manovra alla massima pressione di esercizio



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Components / Componenti



n.	COMPONENT	MATERIAL	Qty
1	Handwheel / Volantino	PVC-U	1
2	Union nut / Ghiera	PVC-U	1
3	O-Ring / O-Ring	EPDM/FKM	1
4	Gland Packing / Guarnizione a "V"	PE/PTFE	2
5	Locking clip / Forcella	PVC-U	1
6	Body / Corpo	PVC-U	1
7	Shutter / Otturatore	PVC-U	1
8	Stem / Stelo	PVC-U	1

n.	COMPONENT	MATERIAL	Qty
9	Nut / Dado	PVC-U	1
10	Bonnet / Coperchio	PVC-U	1
11	Bottom sleeve / Boccola di fondo	PVC-U	1
12	Gland / Premitreccia	PVC-U	1
13*	Socket seal O-Ring / O-Ring di tenuta di testa	EPDM/FKM	2
14*	End socket / Manicotto	PVC-U	2
15*	Union nut / Ghiera	PVC-U	2

*) For Valve with union / Per valvola con bocchettoni

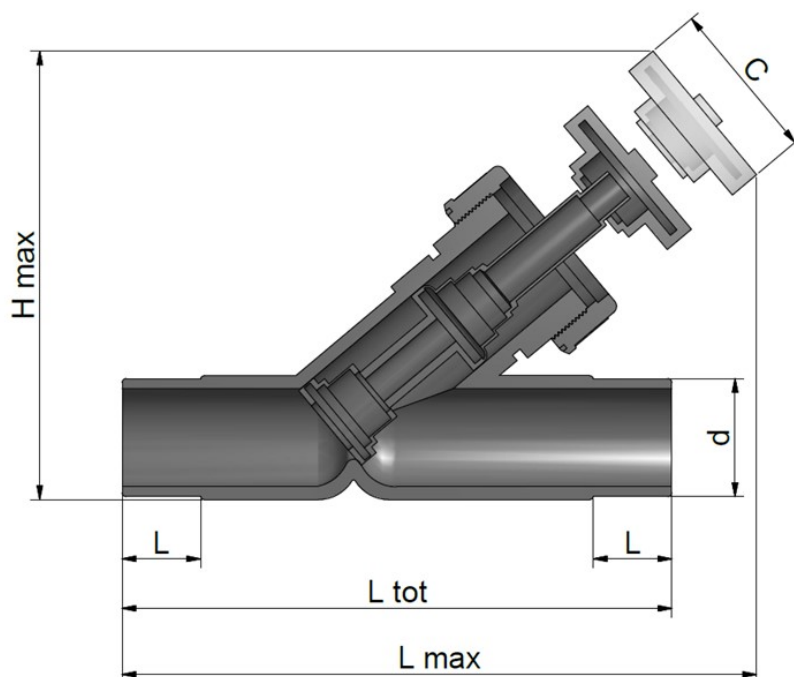
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SOLVENT WELDED METRIC SPIGOTS

MANICOTTI METRICI PER INCOLLAGGIO MASCHIO

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Code	d	DN	L	L tot	L max	H max	C	PN	Weight (g)
CDRVIV0200	20	15	16	124	146	124	60	10	160
CDRVIV0250	25	20	19	144	165	146	60	10	250
CDRVIV0320	32	25	22	154	188	173	70	10	380
CDRVIV0400	40	32	26	174	217	195	85	10	480
CDRVIV0500	50	40	31	194	247	222	105	10	820
CDRVIV0630	63	50	38	224	299	269	130	10	1345

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