

## CHARACTERISTICS

Type W1 ball valves are full bore 2-way valves intended for common valve applications. This economical valve, PN10, can be used to isolate water networks or low pressure acid or basic fluids (Check material resistance table). TPV seat seals ensure a long service life. The materials used are treated for UV protection. Fully removable model.



## AVAILABLE VERSIONS

REFERENCE	BODY	SEATS
5100WC ---*	PVC-U	EPDM

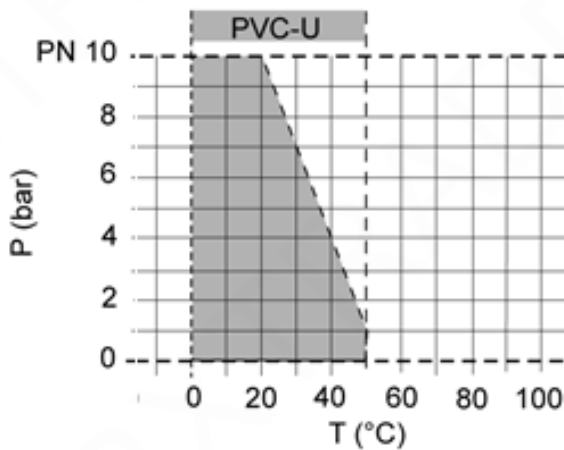
Diameter : DN20 à DN110

Union connection with female end according to DIN / ISO BSP thread optional.



\* --- DN of the valve (example W1 PVC-U / EPDM valve DN 15 code 5100WC015)

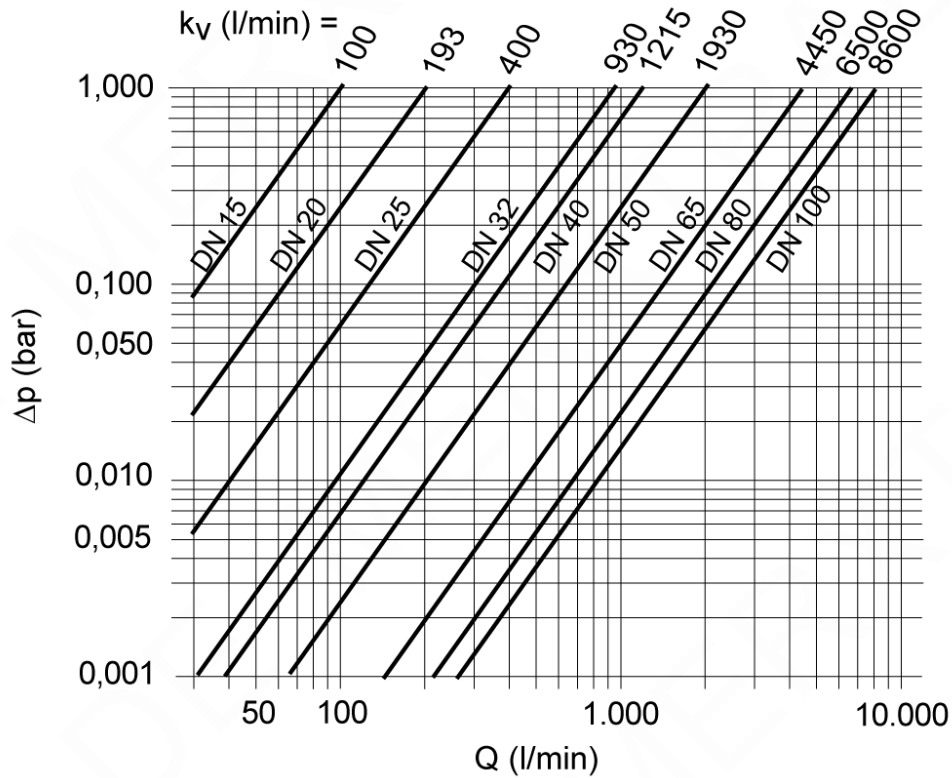
## Limits of Use



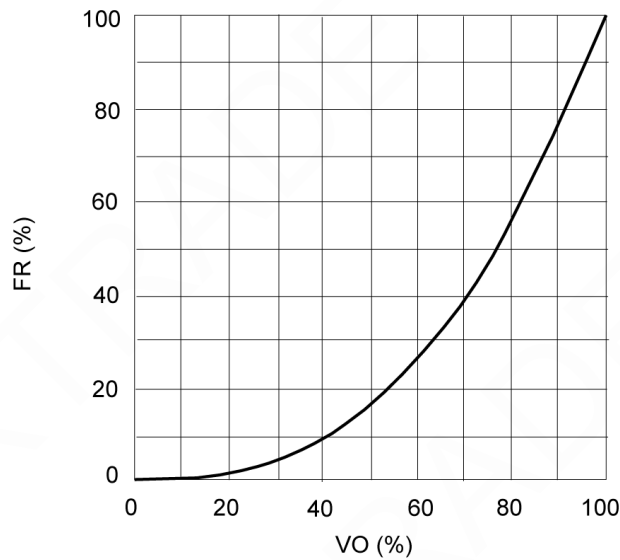
The limits of each material are valid for the nominal pressures indicated and for a period of load of 25 years. These are guideline values for non-hazardous transported goods (DIN 2403), for which the valve material is resistant. For use at temperatures below 0 ° C consult us.

## HYDRAULIC CHARACTERISTICS

Pressure drop curve (Indicative value for H2O at 20 ° C)



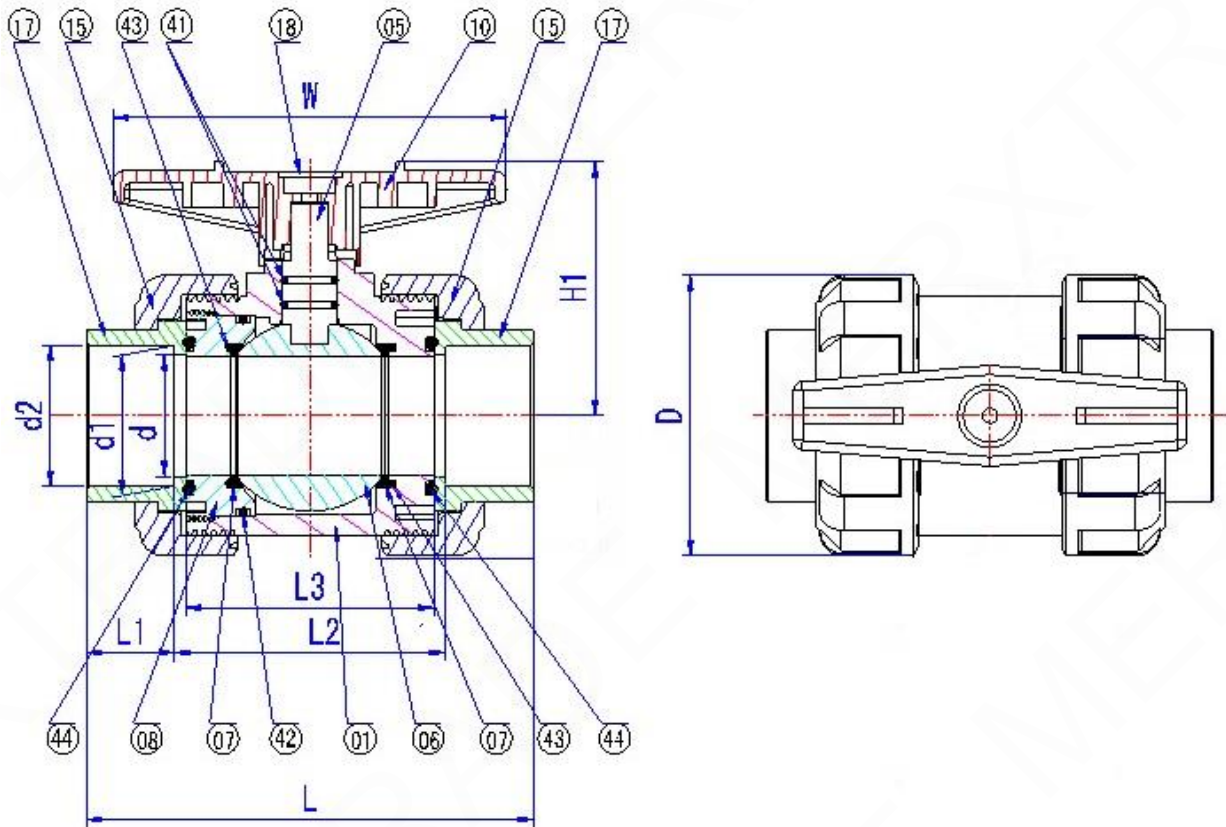
$\Delta P = \text{Delta } P$   
Q = debit



VO = valve opening  
FR = Value Kv

## DIMENSIONS (mm)

DN	d	d1	d2	D	L	L1	L2	L3	W	H1
15	20	20,30	20,10	54	92	16	60	52	84	52,5
20	25	25,30	25,10	63	110	19	62	54	90	59
25	32	32,30	32,10	73,5	114	22	70	62	106	67,5
32	40	40,30	40,10	84,5	130	26	78	70	116	77,5
40	50	50,30	50,10	98	151,5	32	87,5	79,5	128	90
50	63	63,30	63,10	118	171	38	95	85	140	106
65	75	75,30	75,10	150	238,5	47	144,5	132,5	210	136,5
80	90	90,40	90,10	169	268	51	166	150	235	149,5
100	110	110,40	110,10	211	318	61	196	172	260	175



## CONSTRUCTION

N°	Designation	Matériau	N°	Designation	Material
01	Body	PVC-U	17	Collar	PVC-U
05	Axle	PVC-U	18	Cap	ABS
06	Ball	PVC-U	41	Axle seals	EPDM / FPM
07	Seat	TPV	42	Ring seal	EPDM / FPM
08	Support ring	PVC-U	43	Seals for closures	EPDM / FPM
10	Handle	ABS			
15	Union nut	PVC-U	44	Union joints	EPDM / FPM