

BASIC VALVE FLANGED METAL



Applications

Hydraulic valves for irrigation purposes, potable water distribution and industrial processes.

Useful functions

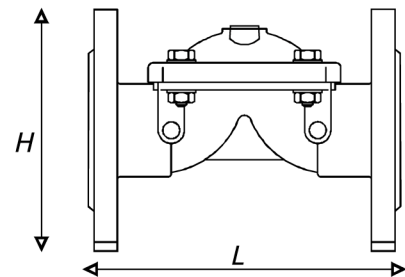
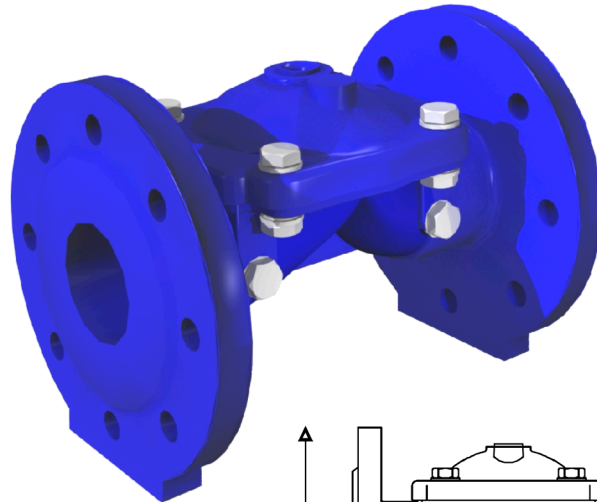
Electric valve	Level control (float valve)
Pressure reducing	Flow control
Pressure sustaining	Security valve

Advantages

Low pressure losses
Easy maintenance
Slow opening and closing to avoid hydraulic ham

Technical features

Material body and cover: Cast iron GG25
Coating: Powder polyester
Diaphragm: Natural rubber (NR), (EPDM and VITON option)
Spring: Stainless steel AISI 304, (AISI 316 option)
Flanges DIN 2502 PN16: DN80, Dn100, DN120, Dn150, DN200, DN250 and DN300
Max working pressure: 16 bar



MINIMUM WORKING PRESSURE

VALVE	low press.	high press.
DN80	0,4	0,7
DN100	0,5	0,7
DN125	0,5	0,7
DN150	0,6	1,0
DN200	0,6	0,9
DN250	0,7	1,0
DN300	0,7	1,0

DIMENSIONS

Code	Valve	L	H	W	kg.	Nº	D
892335	3"	275	210	174	14,8	8	18
892345	4"	315	235	204	21,8	8	18
892355	5"	315	250	204	28,0	8	18
892365	6"	400	295	302	50,0	8	22
892385	8"	560	345	302	63,0	12	22
892410	10"	460	460	372	110,0	12	24
892412	12"	580	495	372	160,0	12	24

codes for high pressure diaphragm AP, for low pressure diaphragm BP, please consult

N: num of holes - D: Ø of holes

HEAD LOSS, FULLY OPENED VALVE (M).

Flow (m3/h)	20	30	40	50	60	70	80	90	100	125	150	200	300	400	500	600	800	1000	1200
DN80	0,44	0,97	1,70	2,62	3,73	5,03	6,51	8,18	10,03										
DN100	0,35	0,68	1,09	1,58	2,13	2,75	3,42	4,15	4,95	7,15	9,66								
DN125									1,00	1,25	2,10	4,55	9,86	5,10					
DN150												1,25	2,70	3,75	8,00				
DN200												1,00	2,00	1,00	6,00	8,90			
DN250															1,65	2,10	3,82	6,10	
DN300															0,95	1,32	2,40	3,60	5,10

*Bold: advised flow rates