

BALANCING VALVE VARIABLE ORIFICE - PN16 - CAST IRON - DRILLED FLANGE PN 16



This article was made in compliance with the quality management requirements of standard ISO 9001:2008. All articles are tested according to the standard EN 12266-1:2003. It can be used in a wide variety of sectors: heating, air conditioning, water, sanitary systems and generally with any non corrosive liquid.

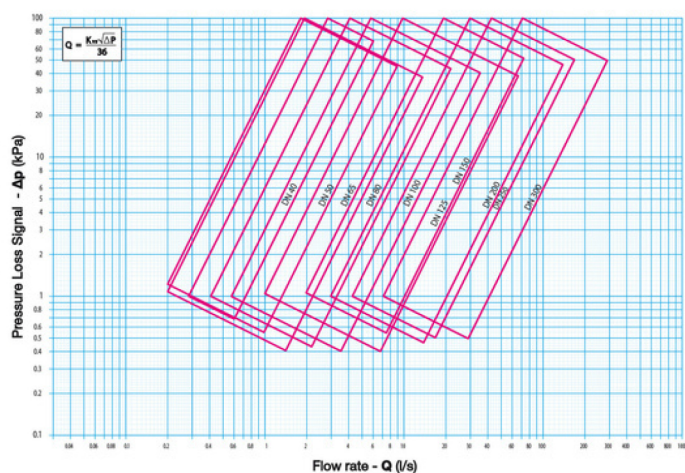
It is guaranteed for 5 years.

It is made of EN-JL 1040 cast iron.

Nominal Pressure: PN16

Operating temperature: $-10 \div 120^{\circ}\text{C}$

FLOW AND PRESSURE DROP



Notes:

1 l/s = 3.6 m³/h

1 m³/h = 0.278 l/s

1 kPa = approx. 100 mm

1 bar = 100 kPa

PRESSURE TEMPERATURE RATINGS



Notes:

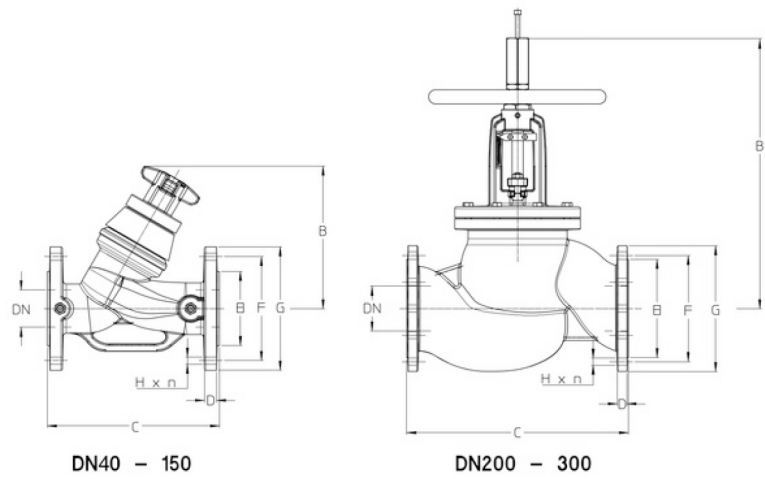
1 bar = 14,5 psi

1 bar = 14,5 lbf/in²

$^{\circ}\text{C} = 5/9 \times (^{\circ}\text{F} - 32)$

$^{\circ}\text{F} = 32 + (9/5 \times ^{\circ}\text{C})$

TECHNICAL DRAWING



DN	40	50	65	80	100	125	150	200	250	300
Kgs.	8,2	11,6	15,6	19,8	34,8	52,4	78,6	173	254	350
B	178	190	215	225	334	369	403	732	740	849
C	200	230	290	310	350	400	403	600	730	850
D	14	16	17	19	21	22	21	26	29	28
E	84	99	118	132	156	178	211	266	320	370
F	110	125	145	160	180	210	240	295	355	410
G	150	165	185	200	220	250	285	340	405	460
H	19	19	19	19	19	19	23	23	28	28
n	4	4	4	8	8	8	8	12	12	12

Flanging:
TS ISO 7005-2

TECHNICAL CHARACTERISTICS

KV - KVS										
DN	40	50	65	80	100	125	150	200	250	300
KV - KVS	26,15	47,50	79,70	116,80	196,80	360,00	387,80	724,80	866,00	1474,60

KV = Flow rate in m³/h at a pressure drop of 1 bar

KVS = Water flow rate that causes a pressure drop of 1 bar measured on the pressure connections

OUR CERTIFICATIONS