

## Filter ball valve 486 with magnet

- Body in nickel-plated brass
- Female thread G  $\frac{3}{4}$  – G2
- Replaceable stainless strainer insert
- Rod magnet
- Double cap seal



### Description

Ball valve with strainer insert and rod magnet.

### Field of application

Heating systems, cooling systems.

### Construction

Ball valve with lever, connects with female thread G  $\frac{3}{4}$  – G2.  
Replaceable strainer insert with a mesh of 0,6 mm.  
12.000 gauss rod magnet for collecting magnetite.  
Seals in EPDM between cap and body.

### Pressure and temperature

Maximum working pressure: 16 bar  
Maximum working temperature: 100°C  
Minimum working temperature: -20°C  
 $K_v$  values according to the Danish Technological Institute.

### Markings

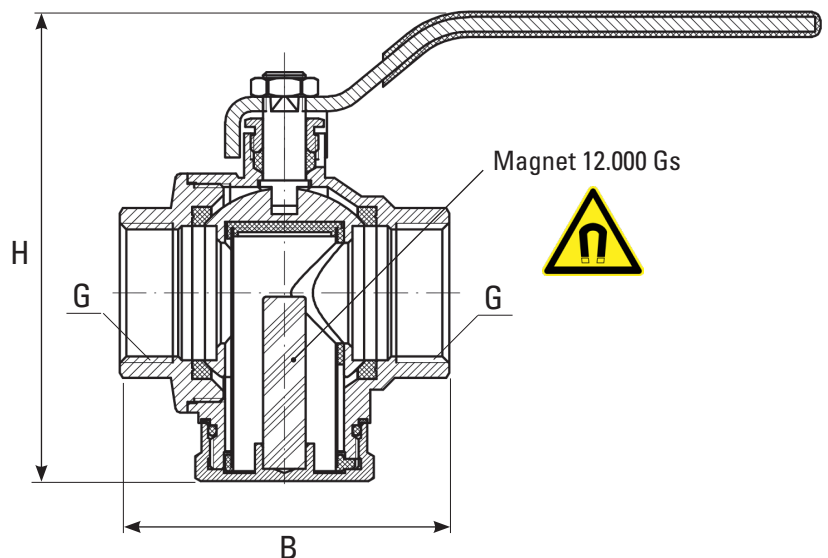
DN, PN and flow direction. Company logotype on lever.

### Care and maintenance

Close the valve and clean the strainer insert and magnet when necessary. The ball valve should be operated periodically. For more information, please see the separate documentation.

### Material specifications

Body	Nickel-plated brass CW617N
Cap	Nickel-plated brass CW617N
Rod magnet	NdFeB Neodymium
Strainer insert	Stainless steel SS304
Cap seal (o-ring)	EPDM
Cap seal (gasket)	EPDM
Ball	Chrome-plated brass
Ball seal	PTFE
Stem	Brass
Stem gasket	PTFE
Gland nut	Brass
Lever	Plastic-laminated steel



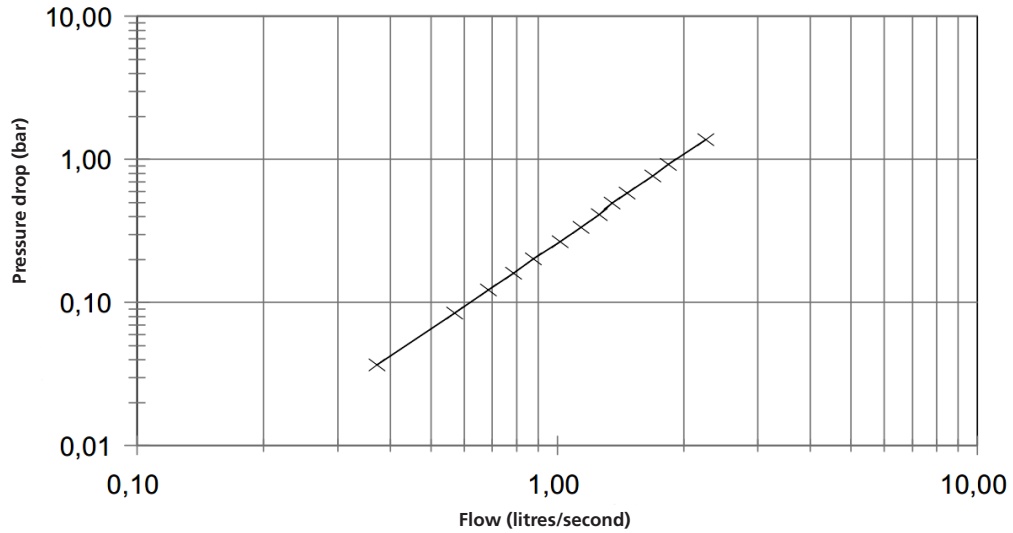
Item number	Description	Connection thread G	$K_v$ value	Width B	Height H
0448602000	Filter ball valve 486-20 Female thread, steel lever, nickel-plated brass, magnet	female $\frac{3}{4}$	7,0	65	100
0448602500	Filter ball valve 486-25 Female thread, steel lever, nickel-plated brass, magnet	female 1	12,7	78	112
0448603200	Filter ball valve 486-32 Female thread, steel lever, nickel-plated brass, magnet	female $1\frac{1}{4}$	21,1	87	129
0448604000	Filter ball valve 486-40 Female thread, steel lever, nickel-plated brass, magnet	female $1\frac{1}{2}$	35,9	108	144
0448605000	Filter ball valve 486-50 Female thread, steel lever, nickel-plated brass, magnet	female 2	53,4	127	188

All dimensions in millimetres

Subject to technical changes and corrections without notice.

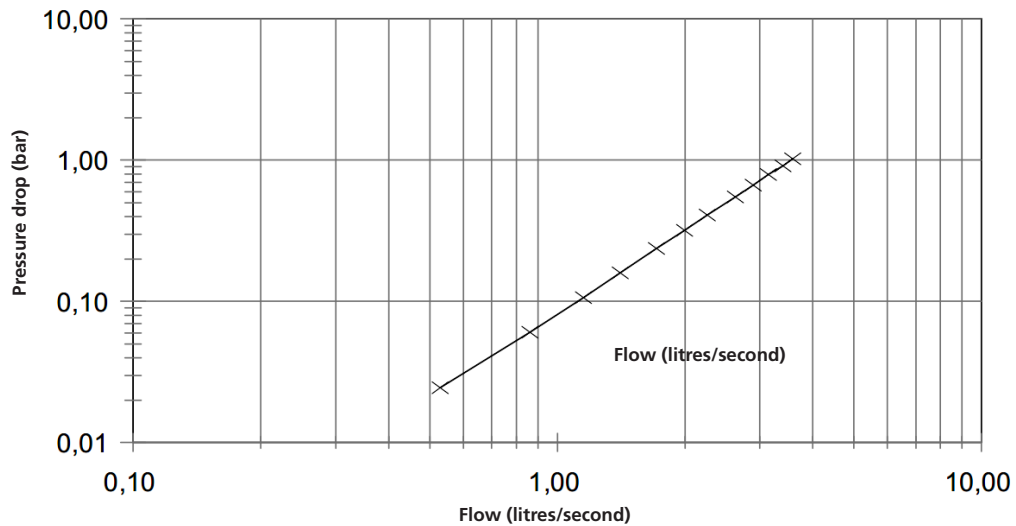
## Pressure drop chart

G 3/4



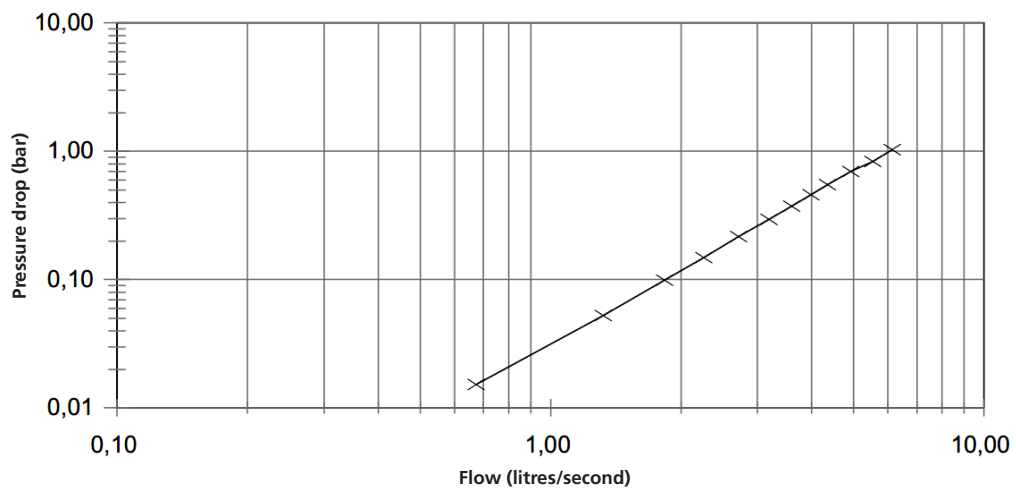
$K_v$  value  
7,0 m<sup>3</sup>/h

G1



$K_v$  value  
12,7 m<sup>3</sup>/h

G 1 1/4

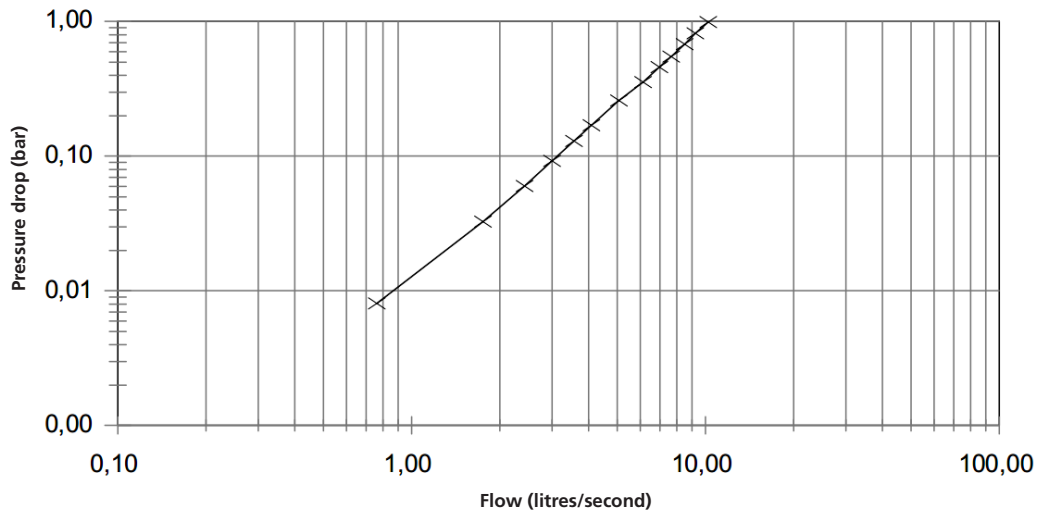


$K_v$  value  
21,1 m<sup>3</sup>/h

Subject to technical changes and corrections without notice.

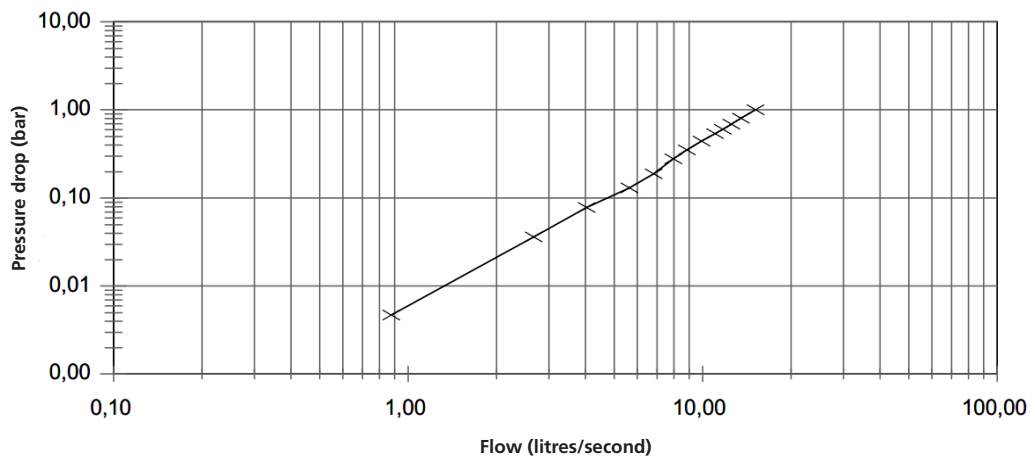
## Pressure drop chart

**G 1½**



**K<sub>v</sub> value  
35,9 m<sup>3</sup>/h**

**G2**



**K<sub>v</sub> value  
53,4 m<sup>3</sup>/h**

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