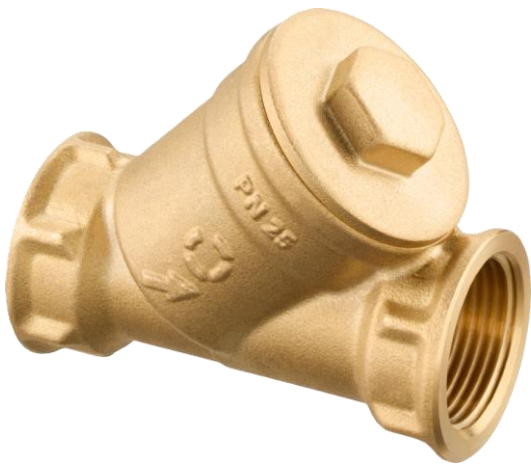


Strainer PN 25

With mesh size 600 μm or 250 μm
DN 8...50



Brass strainer for horizontal and vertical installation. For central heating and cooling systems with closed circuits and industrial plants. For operation with non-aggressive, non-hazardous liquids, e.g. water or water-glycol mixtures according to VDI 2035 / ÖNORM 5195.

For operation with water or water-glycol mixtures according to VDI 2035 / ÖNORM 5195 (max. 50% glycol content, pH value 6.5...10) as well as non-aggressive, non-hazardous liquids.

Material resistance: Mineral, heating and hydraulic oils, fuels, air, non-hazardous, non-aggressive gases. Not suitable for gaseous fluids group 1 according to directive 2014/68/EU. The regulations and standards applicable to the use of these media may restrict the temperature.

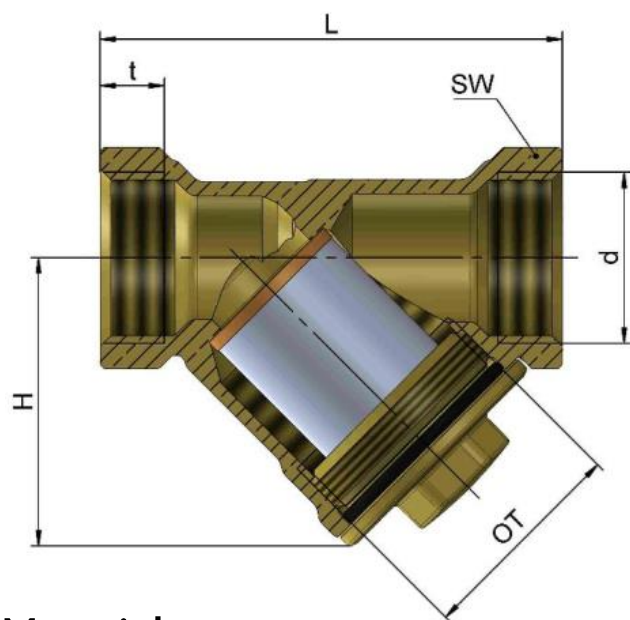
With mesh size 600 μm (100 meshes / cm^2) or 250 μm (600 meshes / cm^2) for various areas of application. The screw-on cover makes it easy to clean and replace the screens.

Technical Data

Nominal sizes	DN 8...50
Variants	DN 10...20: with internal thread according to EN 10226 DN 8 as well as DN 25...50: with internal thread according to ISO 228
Operating temperature	-10...150 °C
Operating pressure	PN 25
Medium	Water, water-glycol mixture with a max. glycol content of 50% according to VDI 2035 / ÖNORM 5195 Mineral, heating and hydraulic, oils, fuels and air. Not suitable for gaseous fluids group 1 according to Directive 2014/68/EU
Mesh size	Item no. 11202...: 600 µm, 100 meshes / cm ² Item no. 11212...: 250 µm, 600 meshes / cm ²
Kvs values	1.9...58.3

Dimensions and Item Numbers

DN	Connection d	L [mm]	H [mm]	OT	SW [mm]	t [mm]	Item no. 600 µm	Item no. 250 µm
8	G ¼	62	33	G ½	21	11.2	1120202	1121202
10	Rp ¾	62	33	G ½	21	11.2	1120203	1121203
15	Rp ½	65	37	G ¾	25	11.5	1120204	1121204
20	Rp ¾	75	46	G 1	31	12	1120206	1121206
25	G 1	90	56	G 1 ¼	38	12.5	1120208	1121208
32	G 1 ¼	110	71	G 1 ¾	50	15.5	1120210	1121210
40	G 1 ½	120	78	G 2	55	16.5	1120212	1121212
50	G 2	150	94	G 2 ½	67	18.5	1120216	1121216



Materials

Component	Material
Body and cover	Brass
Screen insert	Stainless steel
O-ring	FKM

Accessories

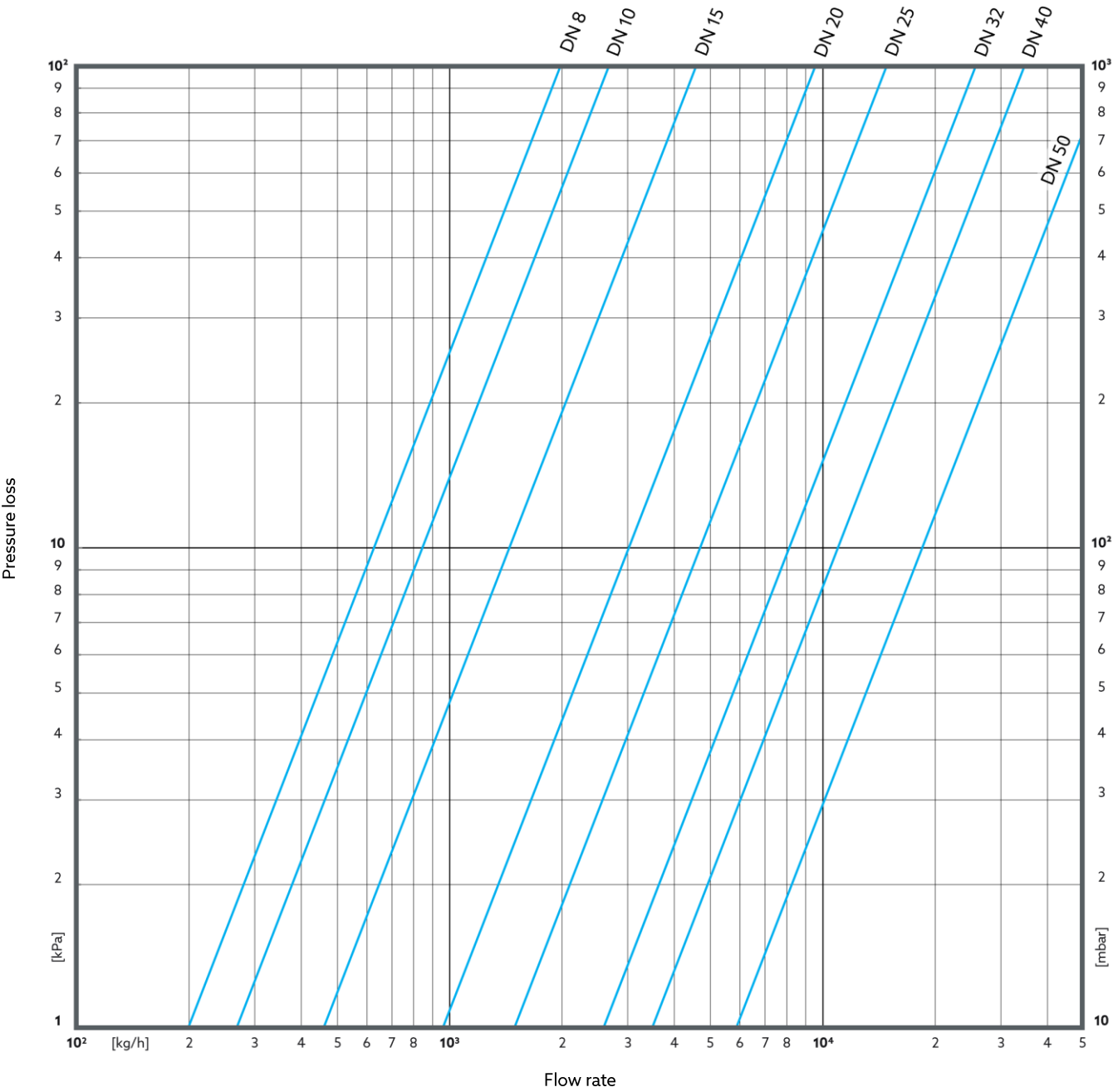
Screen insert, mesh size 600 µm

Nominal size	Meshes	Item no.
DN 8 and DN 10	100 / cm ²	1123003
DN 15	100 / cm ²	1123004
DN 20	100 / cm ²	1123006
DN 25	100 / cm ²	1123008
DN 32	100 / cm ²	1123010
DN 40	100 / cm ²	1123012
DN 50	100 / cm ²	1123016

Double screen insert, mesh size 250 µm

Nominal size	Meshes	Item no.
DN 8 und DN 10	600 / cm ²	1123103
DN 15	600 / cm ²	1123104
DN 20	600 / cm ²	1123106
DN 25	600 / cm ²	1123108
DN 32	600 / cm ²	1123110
DN 40	600 / cm ²	1123112
DN 50	600 / cm ²	1123116

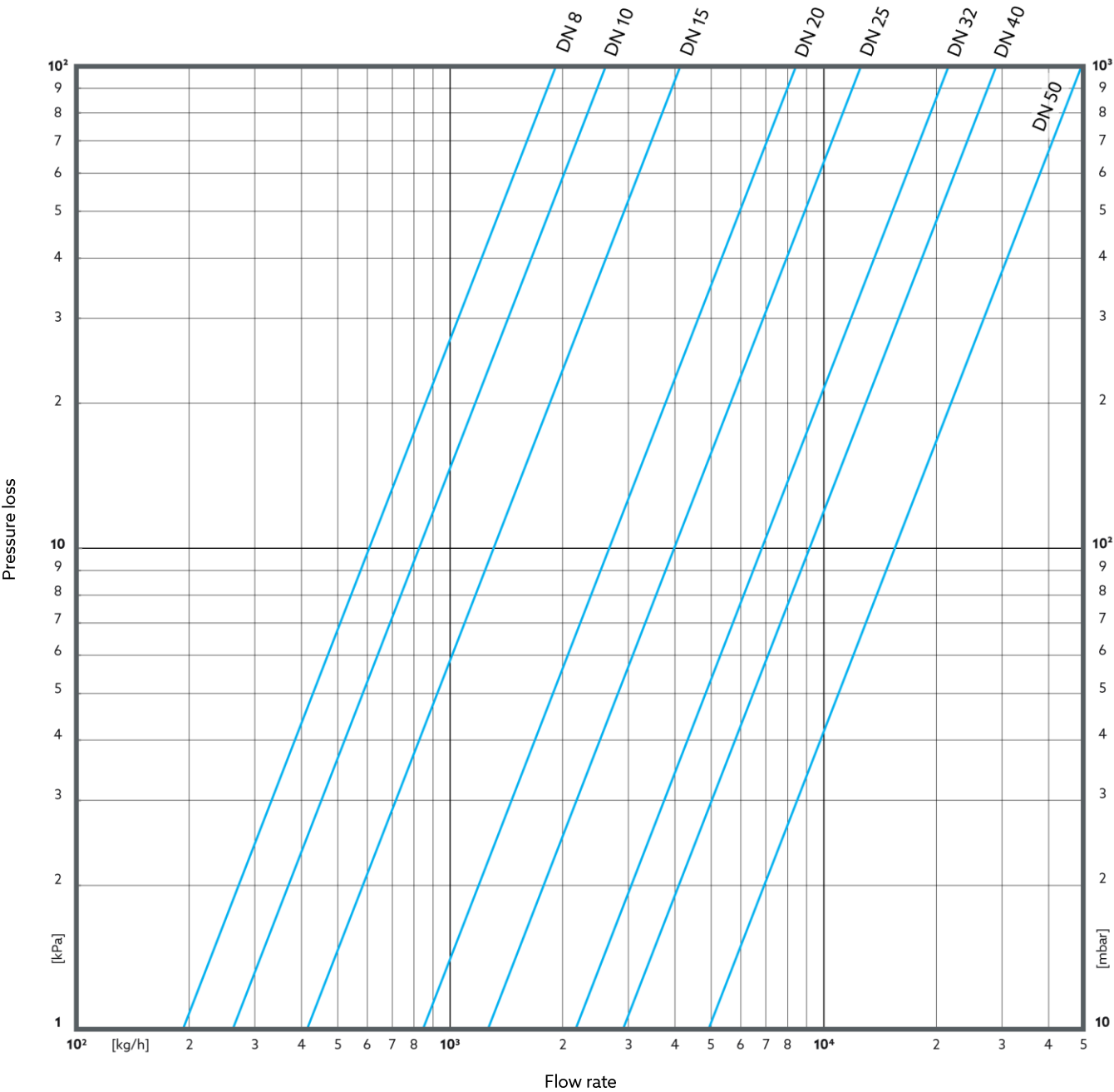
Flow Chart, 600 μm (item no. 11202..)



Kvs values

Nominal size	DN 8	DN 10	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
Kvs value	2.0	2.7	4.6	9.5	14.8	25.7	34.7	58.3

Flow Chart, 250 µm (item no. 11212..)



Kvs values

Nominal size	DN 8	DN 10	DN 15	DN 20	DN 25	DN 32	DN 40	DN 50
Kvs value	1.9	2.6	4.1	8.4	12.6	21.6	28.9	49.0

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