Pressure Drop Information (Resistance to Flow of Water) for Strainers

Note: Some strainers are not available in all the sizes shown. Please refer to the relevant Technical Information (TI) sheet for the particular product to ensure that the connection size required is available.

Screwed strainers

How to use:
For a given flowrate extend a horizontal line until it intersects with the diagonal that represents the strainer size and material.

Drop a vertical line from this point until it reaches the pressure drop axis.

This figure indicates the pressure drop in bar, e.g. 9000 kg/h of water passing through a 1½" Fig 14 with standard screen would have a pressure drop of 0.047 bar.

Fig 12

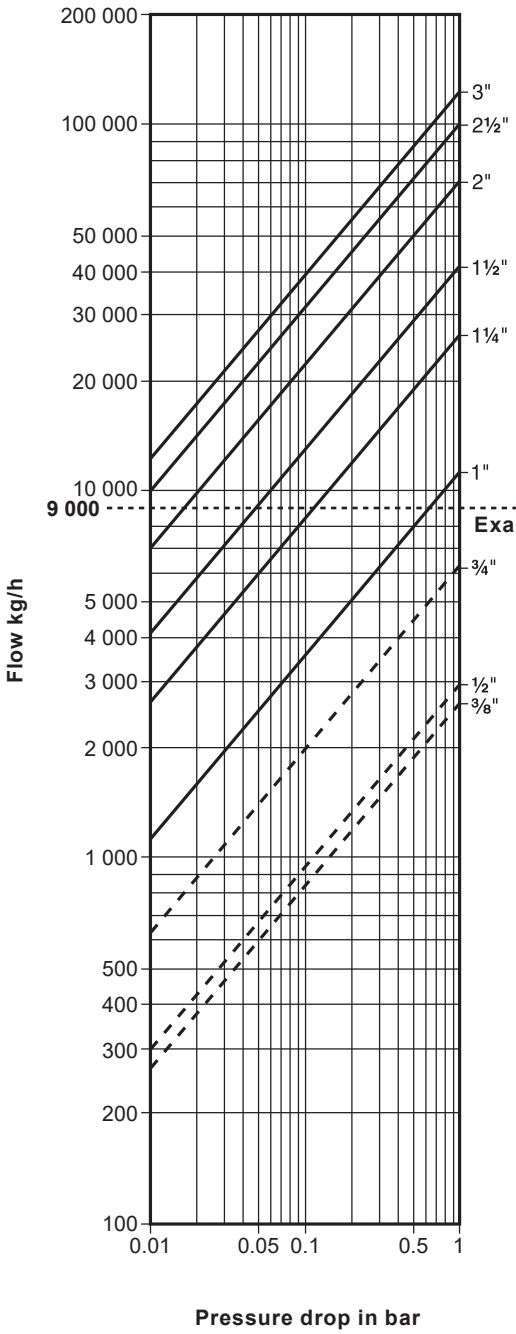
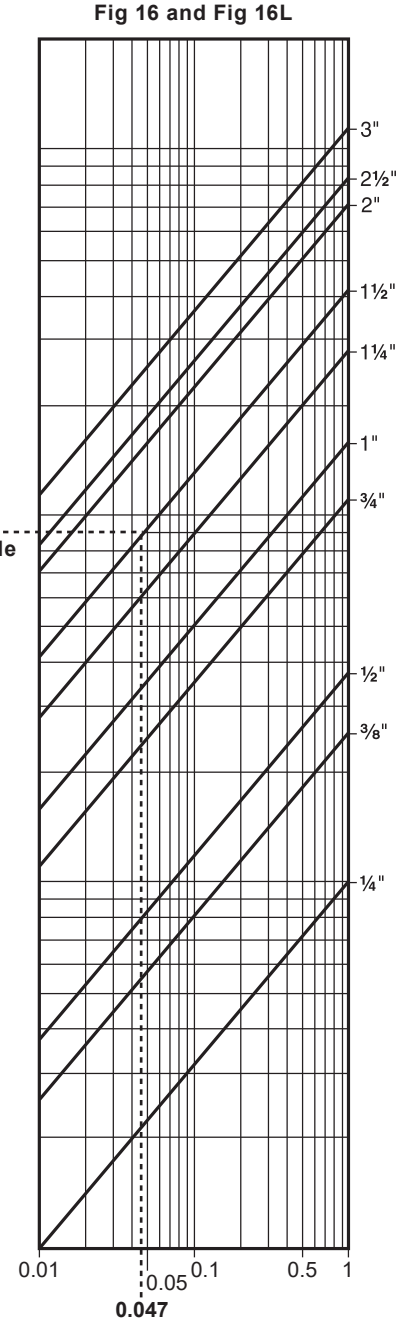


Fig 12SG, Fig 13, Fig 14, Fig 16 and Fig 16L



Key

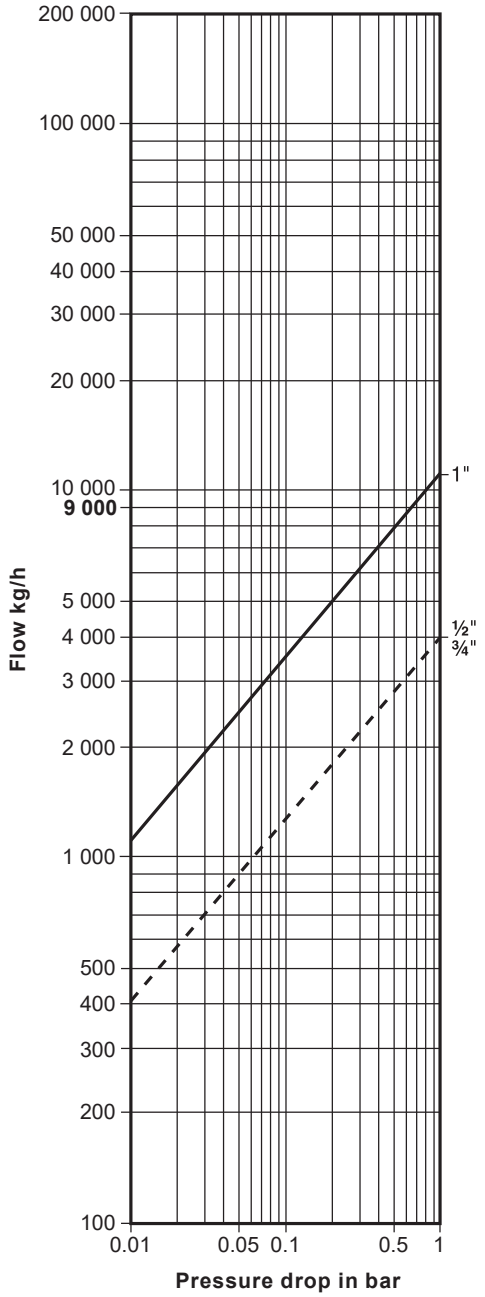
Screens 100 mesh or coarser

All screens

Screwed strainers continued on next page

Screwed strainers

Fig 4



Key

Screens 100 mesh or coarser

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All screens

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Flanged strainers

How to use:
For a given flowrate extend a horizontal line until it intersects with the diagonal that represents the strainer size and material.

Drop a vertical line from this point until it reaches the pressure drop axis.

This figure indicates the pressure drop in bar, e.g. 50 000 kg / h of water passing through a DN100 Fig 34 with standard screen would have a pressure drop of 0.1 bar.

Fig 33, Fig 34, Fig 36, Fig 3616, Fig 37 and Fig 3716