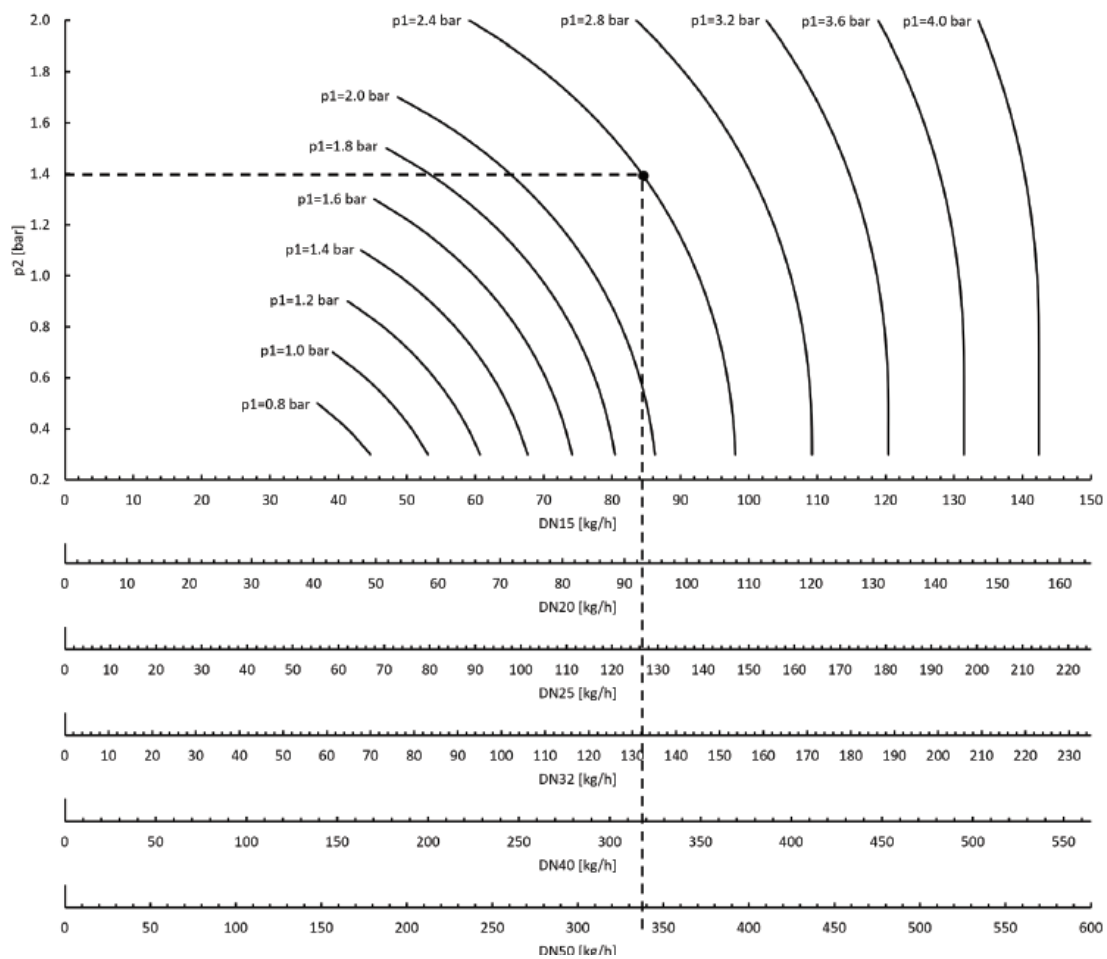## Capacity table

Pressure reducing valve fig. 8937 stainless steel internal thread
Pressure reducing valve fig. 8938 stainless steel flange
Reduced pressure range 0,3 – 2,0 bar.

For example:

Upstream pressure (p1) is 2.4 bar, and the desired downstream pressure (p2) is 1,4 bar.
The application requires a saturated steam mass flow of 300 kg/h.
Starting from the vertical ax (reduced pressure ax), draw a line to where it intersects with the upstream pressure curve (p1). Then, proceed from this point, straight downwards, drawing a line until it reaches the required pressure, showing left of the dashed line.
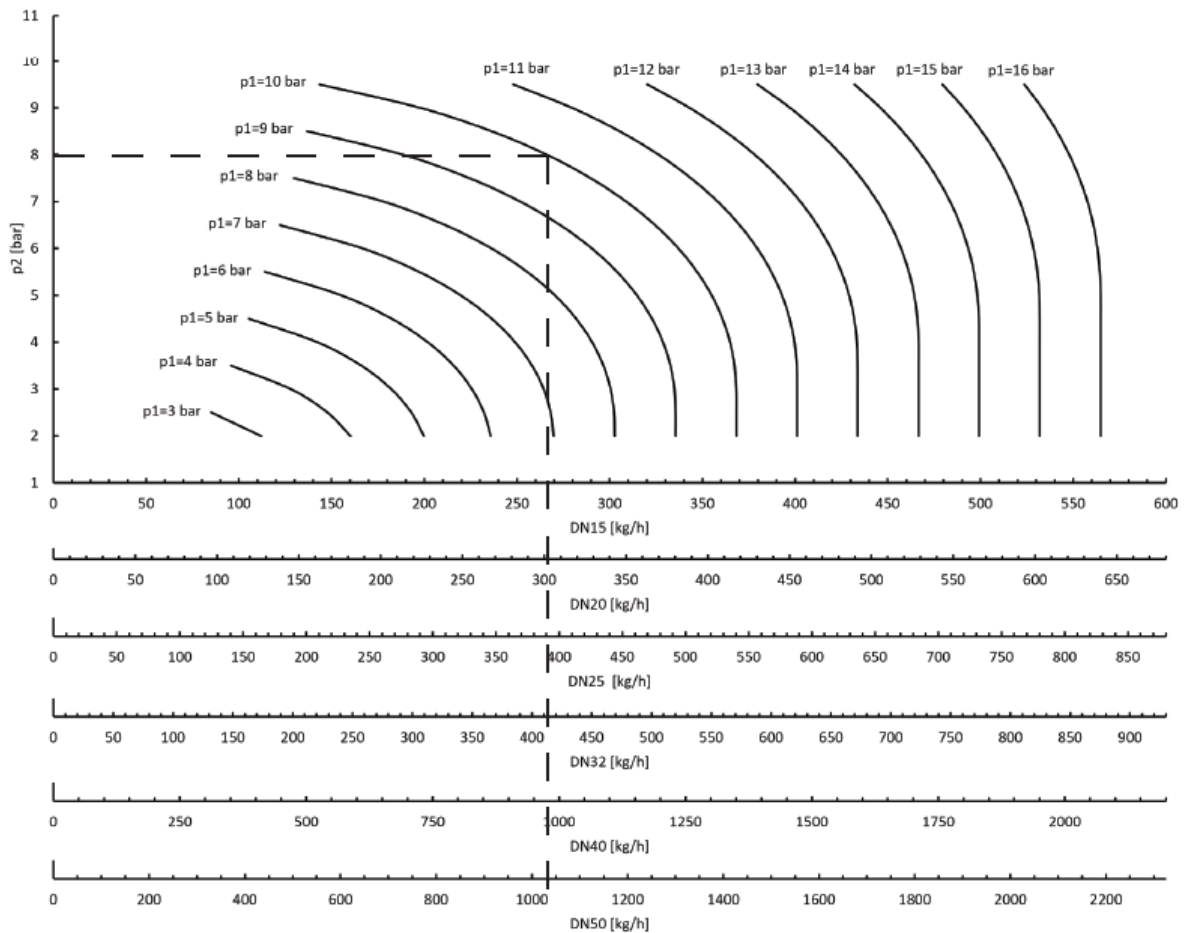Following these criteria, it shows that a DN40 size valve would be sufficient to our needs.

Capacity table

Pressure reducing valve fig. 8937 stainless steel internal thread
Pressure reducing valve fig. 8938 stainless steel flange
Reduced pressure range 2,0 – 5,0 bar and 4,0 – 10,0 bar.

For example:
Upstream pressure (p1) is 10 bar, and the desired downstream pressure (p2) is 8 bar.
The application requires a saturated steam mass flow of 350 kg/h.
Starting from the vertical ax (reduced pressure ax), draw a line to where it intersects with the upstream pressure curve (p1). Then, proceed from this point, straight downwards, drawing a line until it reaches the required pressure, which will show left of it.
Following these criteria, it shows that a DN25 size valve would be sufficient to our needs.

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