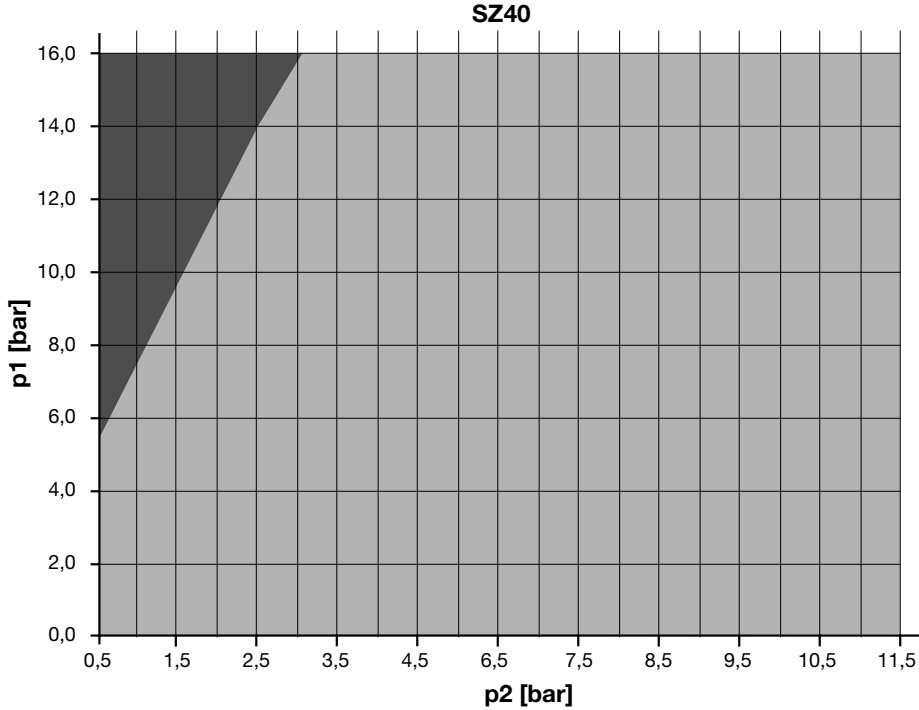




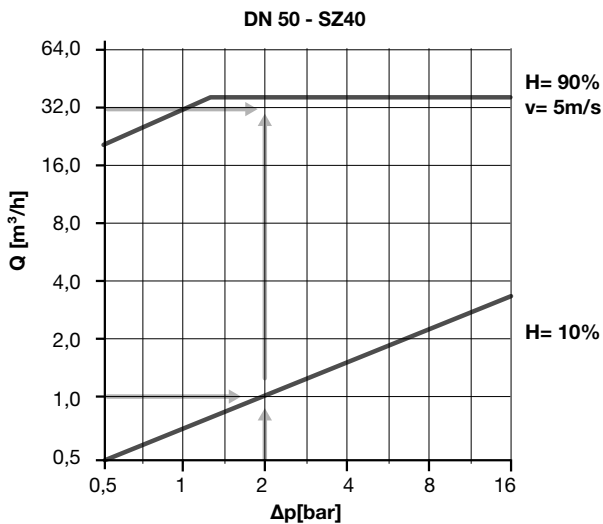
Further information

Cavitation diagram



Min. differential pressure: 0,5 bar (lower differential pressure on request)  
 Max. differential pressure: acc. to cavitation diagram  
 Max. flow velocity: 5 m/s  
**SZ** = Slotted cylinder  
 Dark gray= full cavitation  
 Light gray = SZ40  
 Further slotted cylinder (SZ10, SZ20, SZ60) on request

With the help of the flow charts the optimal flow for the different diameter between the minimum opening degree of 10% and maximum opening degree of 90% by a given pressure difference can be identified.

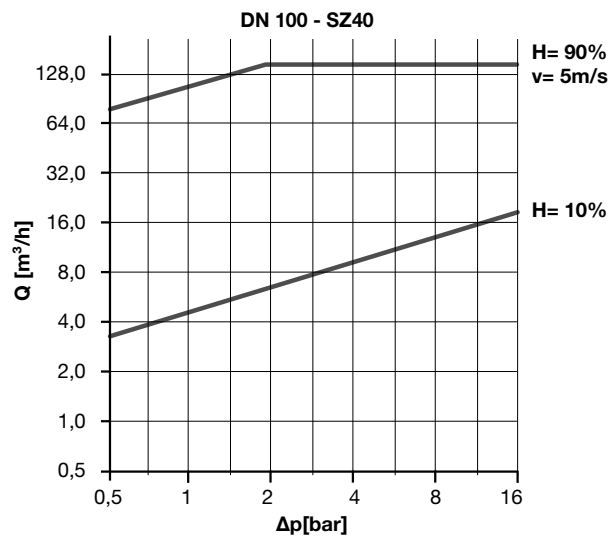
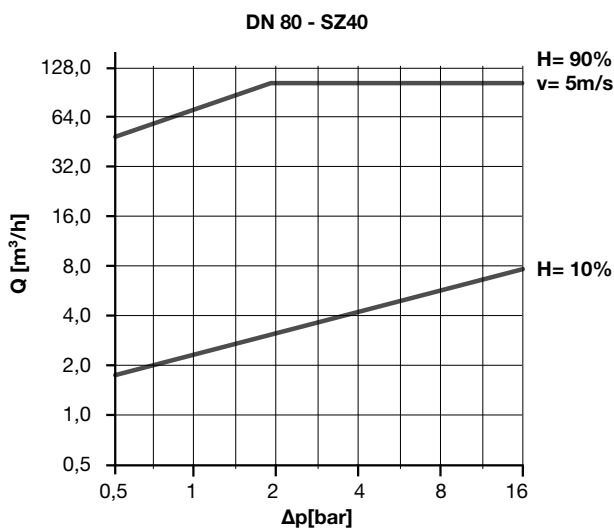
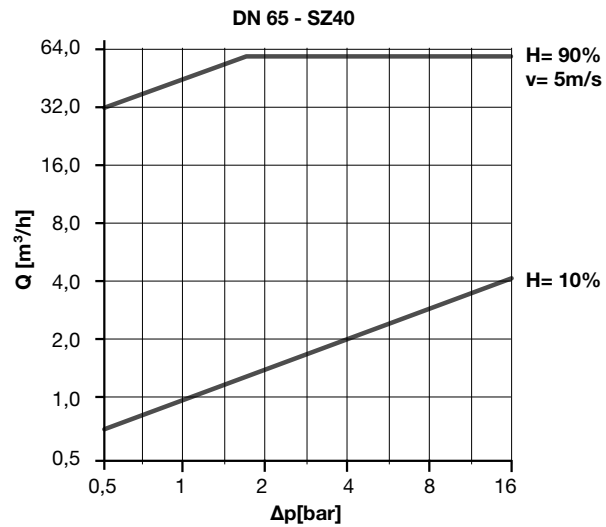
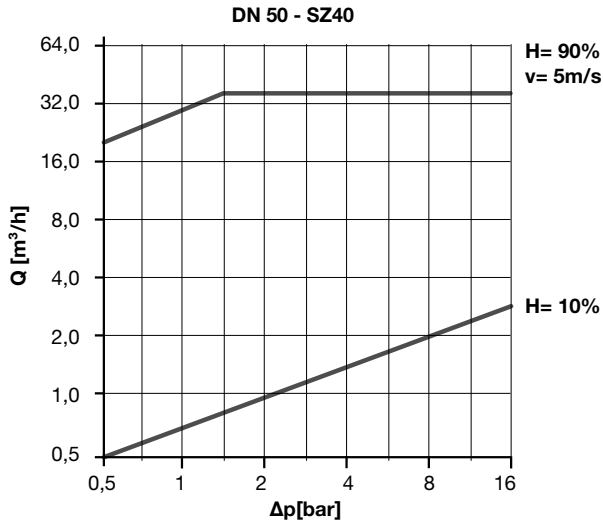


**Example:** The optimal flow area with max. (H = 90%) and min. (H = 10%) opening degree has to be within the given blue lines.  
 Pressure difference  $\Delta p = 2$  bar • max. flow ca. 32 m<sup>3</sup>/h • min. flow ca. 1,0 m<sup>3</sup>/h



Further information

Flow chart



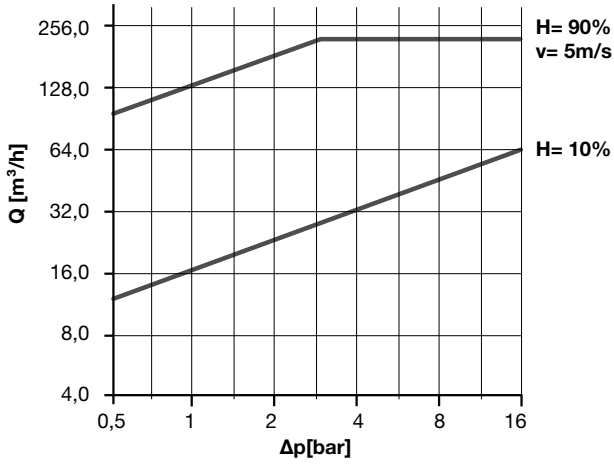
Q = flow rate [m³/h]  
 Δp = pressure difference between upstream and downstream [bar]  
 H = 10% min. opening degree  
 H = 90% max. opening degree  
 v = 5m/s max. velocity



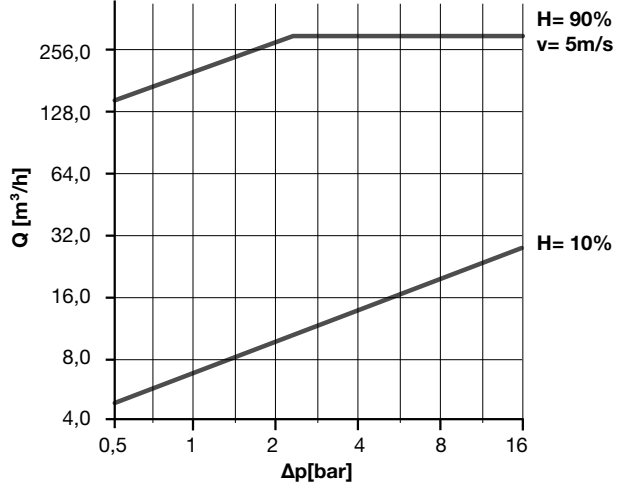
Further information

Flow chart

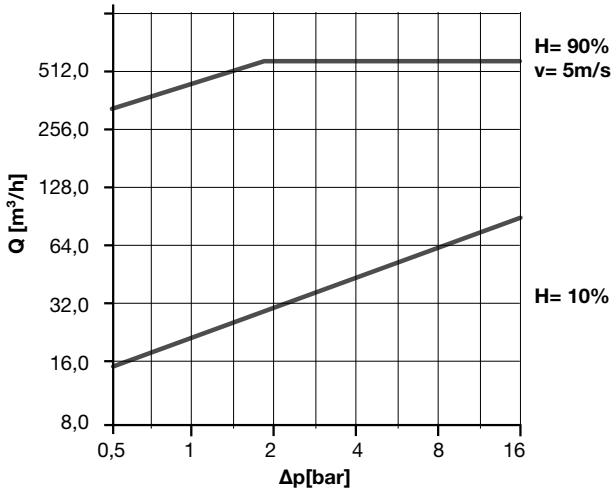
DN 125 - SZ40



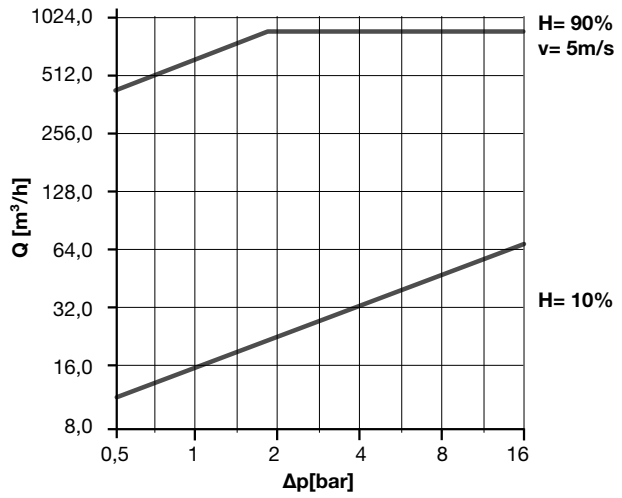
DN 150 - SZ40



DN 200 - SZ40



DN 250 - SZ40



DN 300 - SZ40

