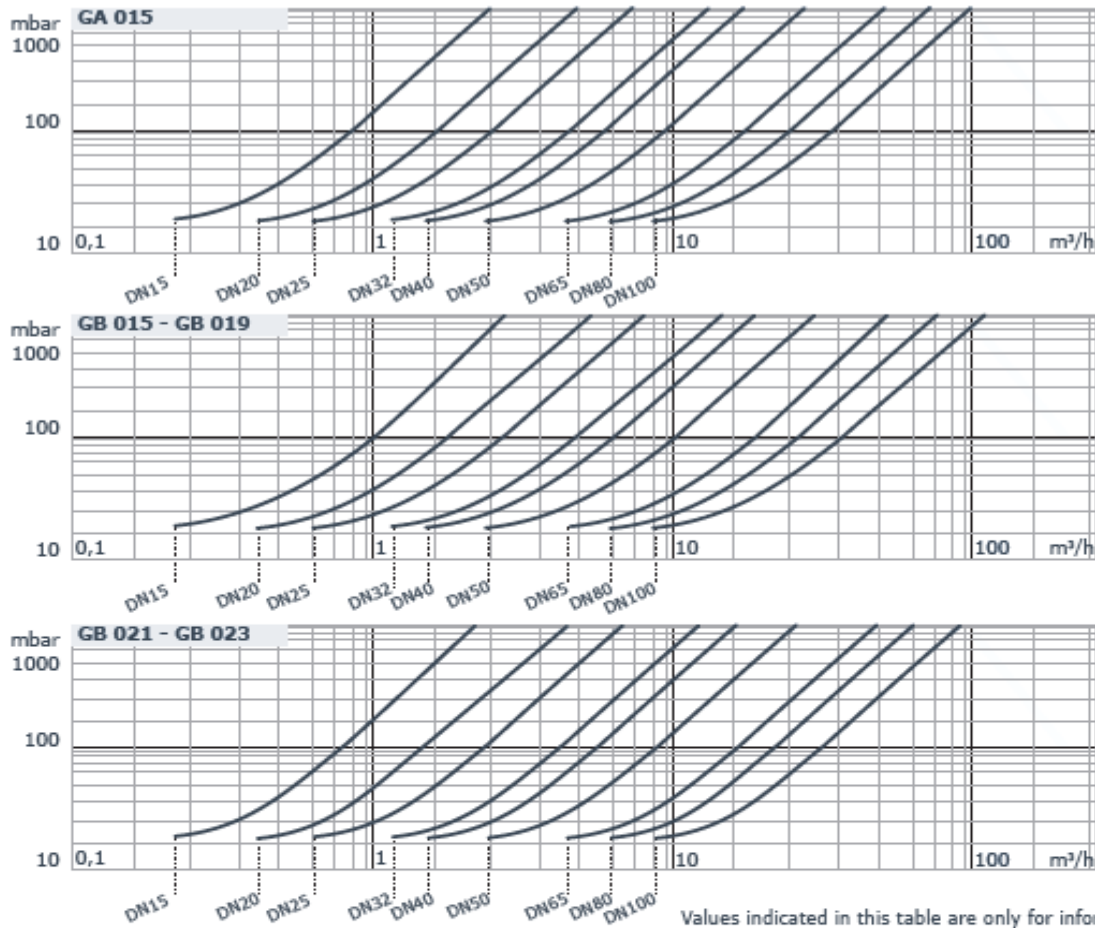


GA 015 GB 015 GB 019 GB 021 GB 023

Head losses (H<sub>2</sub>O - 20°C - horizontal flow, standard spring)



Formula for calculation of equivalent flow rate to H<sub>2</sub>O

$$Q_e = Q \sqrt{\frac{d}{1000}}$$

For different liquid, gas or steam head losses are determined by equivalent water flow rate, as follows:

Q<sub>e</sub> equivalent water flow (m<sup>3</sup>/h o l/s)      Q fluid flow (m<sup>3</sup>/h o l/s)      d fluid specific gravity (Kg/m<sup>3</sup>)

Temperature - pressure diagram

a NBR T<sub>MAX</sub> = 95°C

d spring AISI 316 T<sub>MAX</sub> = 270°C

b EPDM T<sub>MAX</sub> = 130°C

e spring HASTELLOY C4 T<sub>MAX</sub> = 350°C

c FKM PTFE T<sub>MAX</sub> = 200°C

