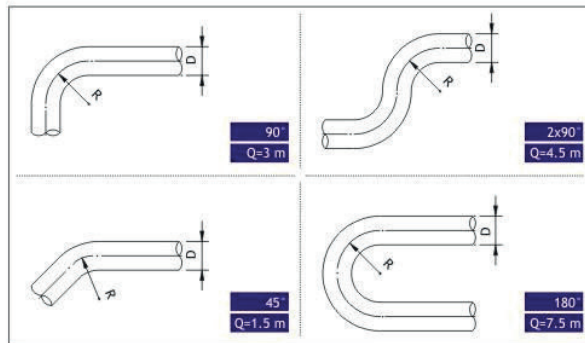


Tryktabstabel

TriaVent SONO



Temperature	-20°C	-0°C	+20°C	+40°C	+60°C	+80°C	+100°C
Correction Fac.	1.158	1.073	1.000	0.936	0.880	0.830	0.785

(R / D = 1)

Equivalent length

$$Z = Q \times \frac{D}{300}$$

Z = Equivalent length, m
 Q = Bend loss coefficient
 D = Duct diameter, mm

Example

Air Velocity = 5 m/s
 Duct Diameter = 203 mm
 Pressure Loss = ?

90° Bend = 1 piece
 Duct Length = 4 m

Pressure Loss for 1 m Duct = 3 Pa (TABLE-1)

Bend Loss Coefficient = 3 (TABLE-2)

Equivalent Length = $3 \times \frac{203}{300} = 2.03$ m

Pressure Loss = $(2.03 + 4) \text{ m} \times 3 \text{ Pa/m}$
 = 18.09 Pa

