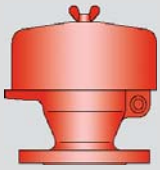
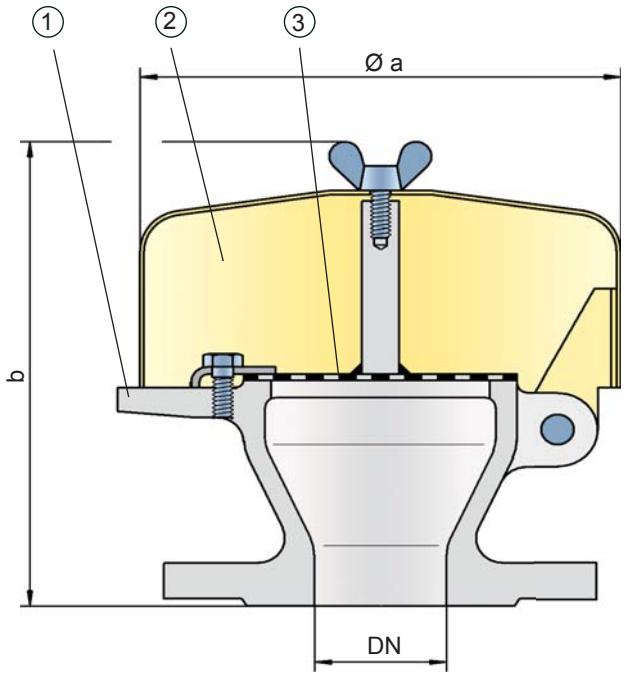


Vent Cap, End-of-Line

PROTEGO® EH/0



The vent cap PROTEGO® EH/0 main components are a housing (1), a weather hood (2) and a protection screen (3). The device is equipped with a fixed weather hood out of metal. The protection screen prevents particles or rain from entering the line.

Special Features and Advantages

- vent cap provides protection against environmental impact (harsh weather conditions, bird nests, etc.)
- cost effective device
- almost maintenance free
- certified flow performance curves

Function and Description

The PROTEGO® E/H0 vent cap allows vessels which are not pressurized to vent. This device prevents rain and dirt from entering the vent line. The EH/0 vent cap is not flame transmission proof. It is often used in combination with detonation flame arresters, when those are used in vent lines, installed at a position which creates a long run up distance from the end of the vent line to prevent endurance burning. The PROTEGO® EH/0 vent cap will then be installed at the end of that vent line to prevent particles or rain from entering the line.

Design Type and Specification

Vent cap, basic design	**EH/0**

Special designs available on request

Table 1: Dimensions — Dimensions in mm / inches

To select the nominal size (DN), please use the flow capacity chart on the following page

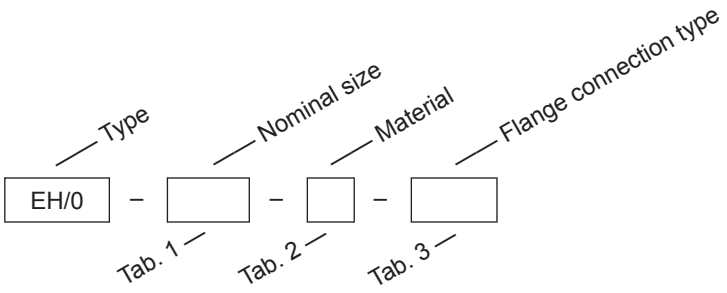
DN	20 / ¾"	25 / 1"	32 / 1¼"	40 / 1½"	50 / 2"	65 / 2½"	80 / 3"
a	163 / 6.42	163 / 6.42	163 / 6.42	183 / 7.20	183 / 7.20	218 / 8.58	218 / 8.58
b	175 / 6.89	175 / 6.89	175 / 6.89	190 / 7.48	190 / 7.48	200 / 7.87	200 / 7.87

Table 2: Material selection

Design	A	B	Special materials upon request
Housing	Steel	Stainless Steel	
Weather hood	Steel	Stainless Steel	

Table 3: Flange connection type

EN 1092-1, Form B1 or DIN 2501, Form C, PN 16	EN or DIN	other types upon request
ANSI 150 lbs RFSF	ANSI	

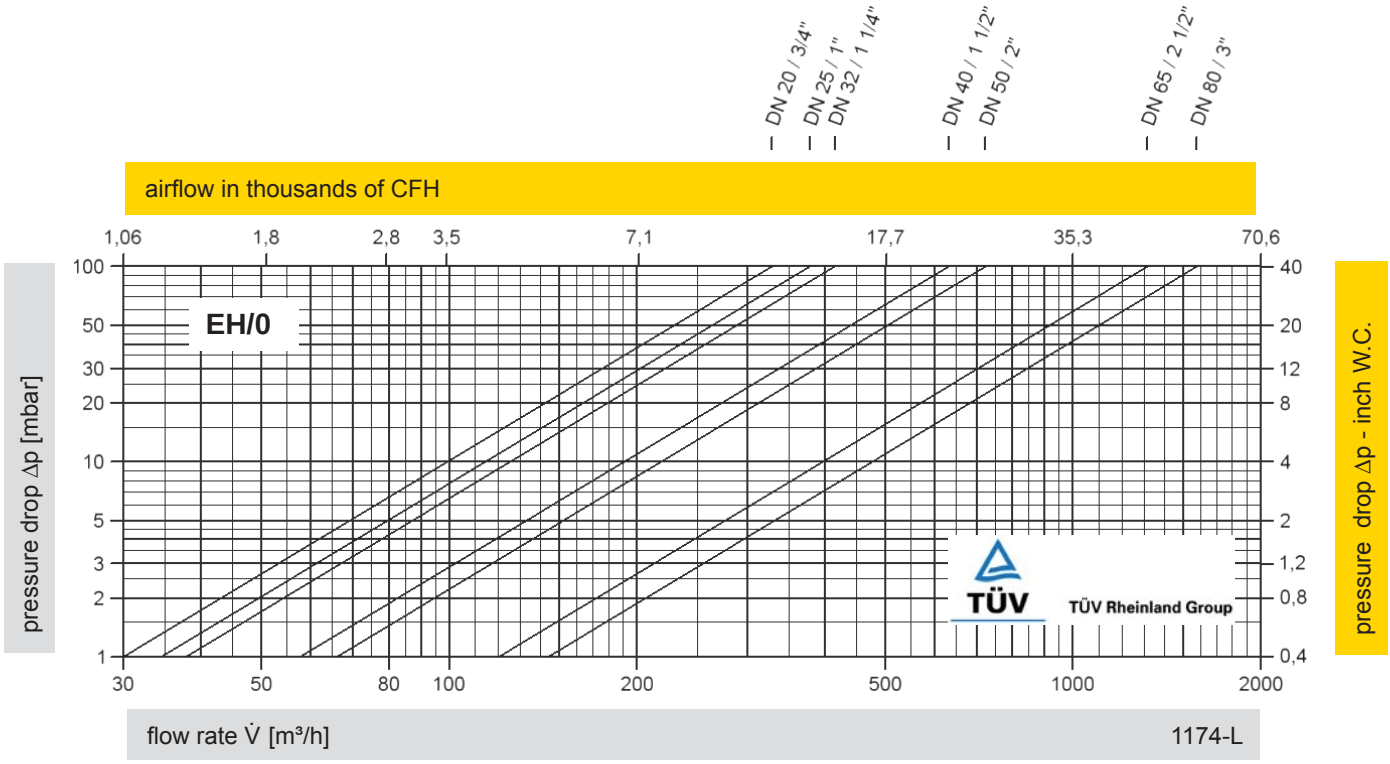


Order example

EH/0	–	80	–	B	–	DIN

Materials and chemical resistance: See Vol. 1 “Technical Fundamentals”

Flow Capacity Chart



The flow capacity chart has been determined with a calibrated and TÜV certified flow capacity test rig.

Volume flow V̇ in [m³/h] and CFH refer to the standard reference conditions of air ISO 6358 (20°C, 1bar).
Conversion to other densities and temperatures refer to Vol. 1: “Technical Fundamentals”.

PROTEGO
for safety and environment