

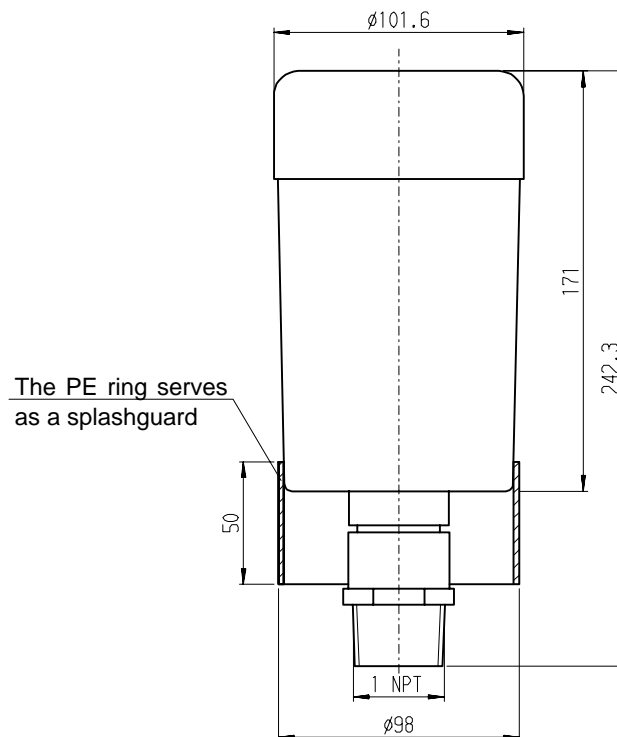
Wet-type air filters to Flender Works Standard W 5124 are used where atmospheric humidity is high. The wet-type air filter keeps the oil free from water and contamination.

## Application

Before starting up, 2 of the 8 holes (sealed with adhesive film) on the underside must be opened. This is entirely sufficient and increases the service life of the filters.

## Operation

Air flows in through the holes in the base of the wet-type air filter and is filtered by a foam-rubber and a polyester filter with an absolute filter fineness of  $3\ \mu\text{m}$ . The filtered air flows through the container filled with "Silica Gel". The "Silica Gel" extracts the moisture from the air. The atmospheric moisture absorbed by the "Silica Gel" causes the gel to change colour from "blue" to "pink" (visible through the transparent housing). Not until the "Silica Gel" has turned completely pink need the whole filter be changed. Filtration takes place in both directions (drawing in and blowing out).



**Fig. 1:** Wet-type air filter with PE ring and 1 NPT adapter

### Technical data:

**Temperature resistance:** -20 °C to +120 °C

**Material:** Polypropylene, polyethylene and PVC

**Weight:** 0.75 kg

Permissible system volume (e. g. gear unit) 1500 l (with volume > 1500 l two filters must be used).