



DAB系列吸湿空气滤清器 DESICACANT AIR BRESTHER DAB

(一) 简介

DAB系列吸湿空气滤清器主要应用于油箱的空气吸湿及过滤。其工作原理是，首先当空气通过干燥剂时，水份被吸收，经过干燥剂之后，通过空气滤清器滤芯时，空气中固体颗粒物被去除，可以有效防止由于液面上升下降及热胀冷缩产生的压差使水份及固体颗粒侵入油箱，有效提高液压系统工作性能和可靠性，延长油液及设备的使用寿命。

进出口设置了膜片式吸气阀芯和出气阀芯，有效的延长了吸湿剂使用寿命，并且空气经多级粗过滤再精过滤 $3\mu\text{m}$ ，实现高性能过滤。

干燥的吸湿剂呈蓝色，吸湿剂颜色变淡并逐渐呈红色直至变成淡红色，当吸湿剂呈粉红色时，吸湿剂已达饱和，应予更换或烘干再使用。

1. 更换吸湿剂只需拆掉空气滤清器即可。
2. 吸湿剂可放在 150°C 左右烘箱中烘干，吸湿剂呈蓝色时即可重新使用。

注意：破碎的吸湿颗粒请勿再使用。

INTRODUCTION

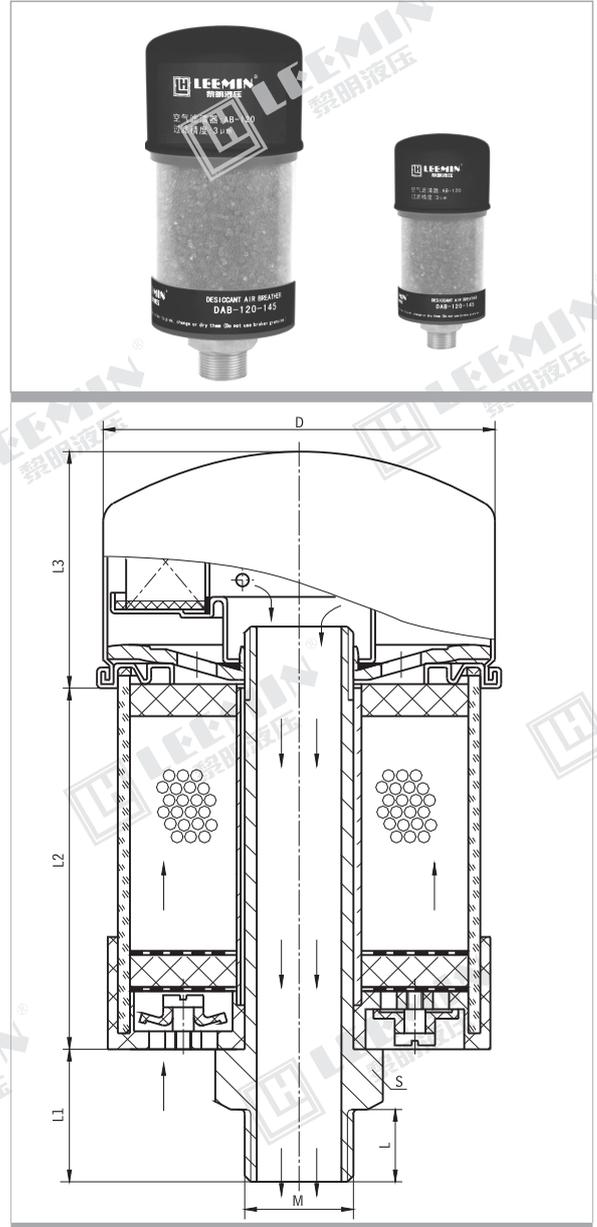
Desiccant Air Breather DAB is mainly used on the tank with moisture absorption and air filtration. First, the moisture in the incoming air is absorbed when passing through the drying agent. After passing through the drying agent, the dirt particles are caught in the air filter element; these can reduce the pressure loss caused by the fluctuation of oil and the changing of temperature. With the moisture absorbed and the dirt particles caught, the reliability and the processing ability in the hydraulic system will be decreased and the life of the oil and the oil and the machine will be extended.

As moisture is absorbed, the drying agent granules will gradually change color from blue to pink. The granules should be changed when the color changes to pink.

It is just need to open the cover when changing the drying granules. The granules can be put in the 150°C oven for drying until it turns blue again.

Note: the broken drying granules can not be used again.

(二) 型号说明 MODEL CODE



(三) 外形尺寸及技术参数 MOUNTING SIZE AND TECHNICAL DATA

| 型号 Model | D | L1 | L2 | L3 | L | M | S | 吸湿量 Volume drying agent (g) | 吸湿剂重量 Drying agent filling weight (g) | 最大空气流量 Max.rate of air flow (m ³ /min) | 过滤精度 Filtr. (μm) | 空滤器型号 Model of Air Breather |
|-------------|-------|----|-----|----|----|--------|----|--------------------------------|--|--|---------------------|--------------------------------|
| DAB-90-90 | 95.5 | 33 | 90 | 58 | 18 | G3/4 | 36 | 85 | 270 | 0.5 | 3 | AB-90 |
| DAB-90-150 | | | 150 | | | | | 540 | | | | |
| DAB-120-145 | 126.5 | 45 | 145 | 99 | 25 | G1 1/4 | 53 | 285 | 840 | 1.25 | | AB-120 |
| DAB-120-255 | | | 255 | | | | | 1680 | | | | |