

Press Release

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The Series for Perfect Air

Rexroth's AS family of maintenance units for all applications



The AS series of maintenance units features modular assembly, compact construction and modern industrial design.

The Air Service System from Rexroth offers customized solutions to provide optimum compressed air quality in a highly diverse range of applications and work environments. These maintenance units not only perform the standard functions of filtering, regulation and lubrication, their modular and compact design further allows for the integration of specific function requirements employing precision controllers, distributors, 3/2-way shut-off valves or filling valves.

The AS series was developed as a family of products stretching from the AS2 series with thread connections G1/4 and G3/8 for the low flow range, to the AS5 series with thread connection G3/4 and G1 for the high flow range. Despite the minimal width of each unit, this Rexroth family is able to cover the entire working range of systems with nominal flow rates of up to 14,500 l/min. The smallest member of the family, the AS1 series, will be launched this fall.

Large maintenance windows allow users to easily identify the condensate levels of the filters and the fill levels of the lubricators. The filter can be optionally equipped with a contamination display. The bayonet catch and easily accessible lock facilitate simple detachment and reattachment of the reservoirs for maintenance purposes. The patented oil filling system permits semi-automated filling of the lubricators, which can be fitted with a fill level indicator using a mounted ST6 sensor for remote diagnosis.

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Its compact construction (which helped it win the 2006 iF Product Design Award for exemplary industrial design) combined with innovative materials makes the AS series a true lightweight. And the smooth surfaces found on each unit make for easy system cleaning.

The AS series can be used in all industries. Specific requirements, such as the locking capability demanded by automakers, have been fulfilled. Being ATEX-approved, the AS series can also be used in explosive areas up to zone 1 (gases) and 21 (dust). This means that the AS family can be deployed for practically any application where the preparation of compressed air is required.

Rexroth makes CAD data and configurations for the AS components available online.

Bosch Rexroth AG is one of the world's leading specialists in the field of drive and control technologies. Under the brand name of Rexroth the company supplies more than 500,000 customers with tailored solutions for driving, controlling and moving machinery used in industrial and factory automation as well as in mobile applications. Bosch Rexroth is a partner for industrial applications and factory automation, mobile applications and using renewable energies. As The Drive & Control Company, Bosch Rexroth develops, produces and sells components and systems in more than 80 countries. In 2008 Bosch Rexroth AG, part of the Bosch Group, achieved sales of around 5.9 billion Euros with 35,300 employees.

For more information please visit: www.boschrexroth.com

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