

Description

Stauff Off-line and By-pass Filter Systems, OLS / BPS, are designed to keep hydraulic and lubrication systems free of particle and water contamination. Stauff OLS and BPS units utilize the Radial Micro Filtration Systems concept for the removal of contamination from hydraulic and lubrication systems. Desiccant Air Breathers, which clean and dry the air entering the reservoir, are also part of this contamination removal system.

Stauff RMF Filtration Systems will provide optimal system cleanliness for today's sophisticated hydraulic and lubrication systems.



Technical Specifications

Construction	OLS (off-line filter system with integrated motor / pump unit), BPS (by-pass filter system)	Max system volume	up to 10.800 liter (2853 gal)
Housing	Anodized aluminium	Bypass valve (integrated in filter head)	6.2 bar (90 PSI) for all types
Seals	NBR (Buna-N®)	Clogging indicator	Pressure gauge, filled with glycerin
Connection	1/4" and 1/2" BSP (for BPS) 3/8", 1/2", 3/4" BSP and 18L (for OLS)	Media	Mineral- or lubrication oil, others on request
Differential pressure	max 6,2 bar (90 PSI) across element	Motor types (for OLS)	Several motor types available, for more information please see page 11 (Ordering Codes)
Nominal flow	between 2,1 l/min (0.55 US GPM) and 17 l/min (4.5 US GPM)		
Temperature range	max 80°C (176°F) media temperature (at a viscosity between 20 and 160 cSt)		