

**Oil Service Unit for Gear Applications**
**FA 003-2341**

 Easy filling and cleaning · Nominal flow rate up to 3 l/min / 0.8 gpm · Viscosity up to 5.000 mm<sup>2</sup>/s / 23,000 SUS


Oil Service Unit FA 003-2341

**Description**
**FA 003-2341**

The FA 003-2341 Oil Service Unit allows easy filling and cleaning of hydraulic and lubricating systems.

**Suitable for up to 5000 mm<sup>2</sup>/s / 23,000 SUS**

The unit is designed to operate with viscosities between 15 and 5,000 mm<sup>2</sup>/s / 70 and 23,000 SUS. This allows, for example, transmission fluids to be cleaned or filtered while filling, even at low temperatures.

**Hydraulic connection**

Suction hose DN 32 mm x 1.5 m / 4.9 ft length CEL28 (connection M36 x 2, external thread with sealing cone 24°)  
 Pressure hose DN 25 mm x 1.5 m / 4.9 ft length CEL28 (connection M36 x 2, external thread with sealing cone 24°)  
 Suction and pressure hoses can be removed or mounted on quickly with special ARGO-HYTOS fast locking couplings.

**Hydraulic fluids**

Mineral oil and biodegradable fluids (HEES and HETG, see info sheet 00.20).  
 Other fluids on request.

Technical data	
Nominal flow rate	3 l/min / 0.8 gpm
Filter fineness	$\beta_{5(\epsilon)} = 200^*$
Dirt-holding capacity	460 g*
Electric drive	3 ~ 400 V, 50 Hz; 0.25 kW
Weight	approx. 22 kg / 48.5 lbs
Temperature range of fluids / viscosity range	0 °C ... +60 °C +32 °F ... +140 °F
Continuous operation min.	15 mm <sup>2</sup> /s / 70 SUS
Continuous operation max.	5,000 mm <sup>2</sup> /s / 23,000 SUS
Ambient temperature range	0 °C ... +50 °C +32 °F ... +122 °F
Operating pressure	Maximum 6 bar / 87 psi
Clogging indicator	optical

\*according to ISO 16889 at 8 l/min and  $\Delta p$  3 bar / 2.1 gpm and  $\Delta p$  43.5 psi

**Order No.**

FA 003-2341

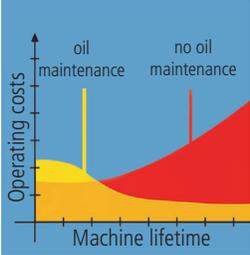
**Replacement filter element Order No.**

V7.1220-13



### Compact and ready to connect

The FA 003-2341 comes ready to connect, with hose packages and filter element.



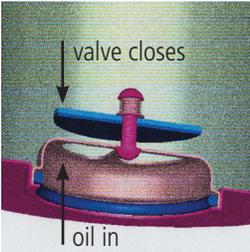
### Economical

The FA 003-2341 oil service unit offers protection that can extend the lifetime of machinery. This protection gives a direct return on investment through extended service intervals and increased machine availability.



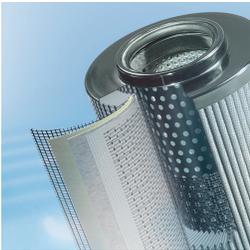
### User-friendly filter element change

The filter element can be removed from the housing together with the cover. The dirt retention valve ensures that solid particle sediment is completely removed with the filter element.



### Maintenance-free filter housing thanks to a unique filter element technique

Fluid flows through the element from the inside to the outside. The built-in dirt retention valve closes automatically when the element is removed, ensuring that all dirt is removed from the housing together with the element.



### Quality in detail

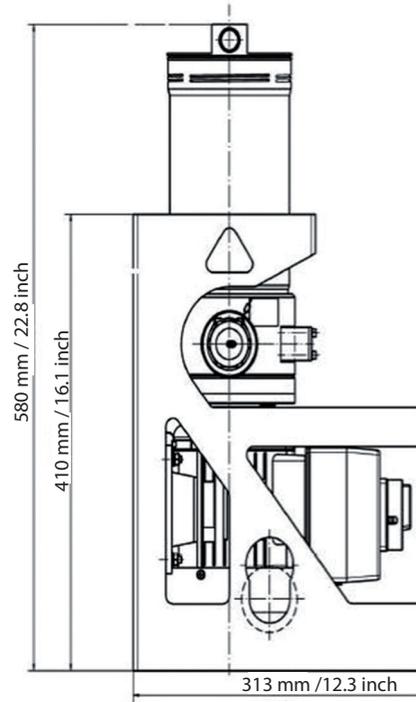
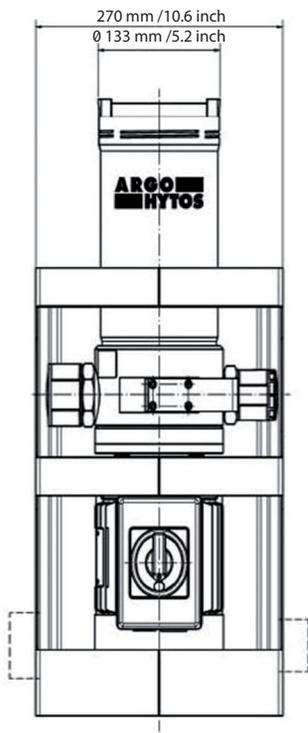
The EXAPOR®MAX 2 ultra-fine element is the heart of the FA 003. High cleanliness levels protect the system from contamination when filling with oil.



### For high oil viscosity

Specifically designed for high viscosity fluids, the FA 003 is highly suited for cleaning and filling oil in gear applications, even at low temperatures- for example: transmission fluid in azimuth gears of wind turbines.

## Dimensions



## Hydraulic symbol

