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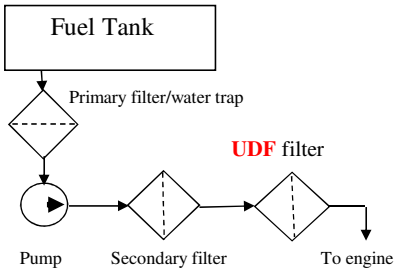
SPEC SHEET - TK 2 DIESEL FUEL FILTER

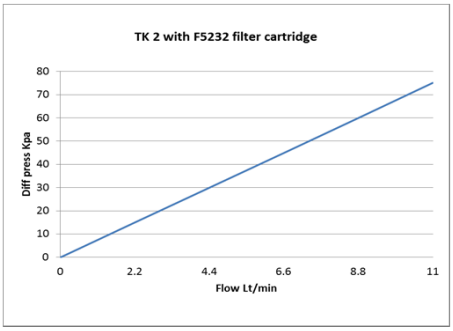
Installation sequence



Mounting hole configuration

This filter is secured by two U bolt clamps. The hole centres are 135 mm apart and the distance between the clamps may vary according to the instalation and available space on the machine on to which it is installed.
On some machines a special bracket is supplied to facilitate the instalation.

Pressure drop/flow rate graph



General

Kilowatt rating - Construction machinery	300 kw
Kilowatt rating - Agriculture Machinery	150kw
Maximum operating pressure	600 kPa
Maximum operating temperature	75℃
Standard port size	1/2" bsp
Number of inlet ports	1
Number of outlet ports	1

Dimensions

Height	490mm
Width	135mm
Depth	135mm
Fitting clearance required - sides	20mm
Fitting clearance required - top	380mm
Fitting clearance required - bottom	80mm

Service intervals

UDF filters are sized to give a service life that coincides with the service interval of the vehicles on to which they are fitted. Do not extend the filter cartridge life beyond that of the standard filter service interval as this can lead to fuel starvation and cavitations at the pump inlet if the cartridge becomes blocked. If premature blocking due to very dirty fuel occurs the cartridge should be changed immediately.

Replacement parts

Filter element part #	F 5232
Lid seal part #	F 1008
Lid bolt "O" ring part #	F 1006
Post seal part #	F 1012

Beta ratios

UDF filters are better known as polishing filters. They must be preceded by conventional water trap/filters of β(10) = 200 and high efficiency primary fuel filters of β(4) = 200 as per ISO 16889.
UDF filters remove more than 95% of the 0.5µ to 4µ particles that pass straight through the standard OEM filters and can thus be rated as β(0.5 to 4) = 20.
The minute particles that interfere with the clearances between the needle and the barrel and cause stiction and wear are removed by UDF filters.

Flow restrictions

Filter size should be selected based on the maximum flow rate at a pressure drop of 15 kPa. **See pressure drop/flow rate graph**
For special applications please contact us for advice.

Clean fuel - saves money
- reduces emissions
- improves performance

Note - For safety reasons the maximum operating temperature has been reduced to 75°C