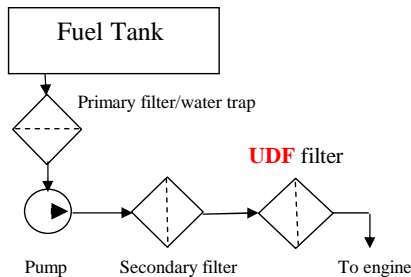


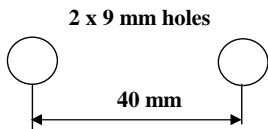
**SPEC SHEET - TD 3 DIESEL FUEL FILTER**



**Installation sequence**

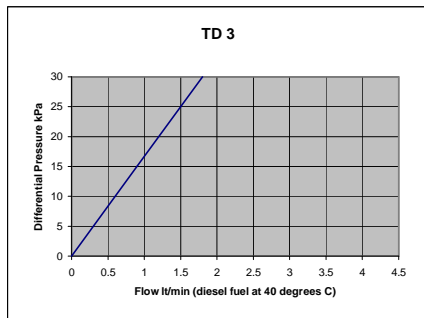


**Mounting hole configuration**



The filter mounting bracket is a swivel mount to allow for attachment to non vertical/horizontal body frame work

**Pressure drop/flow rate graph**



**General**

|  |          |
|--|----------|
| Kilowatt rating - Construction machinery | 100 kw   |
| Kilowatt rating - Agriculture Machinery  | 60kw     |
| Maximum operating pressure               | 600 kPa  |
| Maximum operating temperature            | 75°C     |
| Standard port size                       | 3/8" ORB |
| Number of inlet ports                    | 1        |
| Number of outlet ports                   | 1        |

**Dimensions**

|                                     |       |
|-------------------------------------|-------|
| Height                              | 180mm |
| Width                               | 110mm |
| Depth                               | 115mm |
| Fitting clearance required - sides  | 20mm  |
| Fitting clearance required - top    | 100mm |
| 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 #           | R 5001 |
| Lid seal part #                 | D 1008 |
| "O" ring part #                 | S 1006 |
| Cartridge sealing washer part # | R 1007 |

**Beta ratios**

UDF filters are better known as polishing filters. They must be preceded by conventional water trap/filters of  $\beta(10) = 200$  and high efficiency primary fuel filters of  $\beta(4) = 200$  as per ISO 16889.

UDF filters remove more than 95% of the  $0.5\mu$  to  $4\mu$  particles that pass straight through the standard OEM filters and can thus be rated as  $\beta(0.5 \text{ to } 4) = 20$ .

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***