

# RecondOil box

Offline oil filtration



# Oil cleaning: A simple solution for an invisible problem

A simple, environmentally friendly solution for increased uptime and process availability. Investing in oil cleaning gives your company a better economy.

## Offline oil filtration

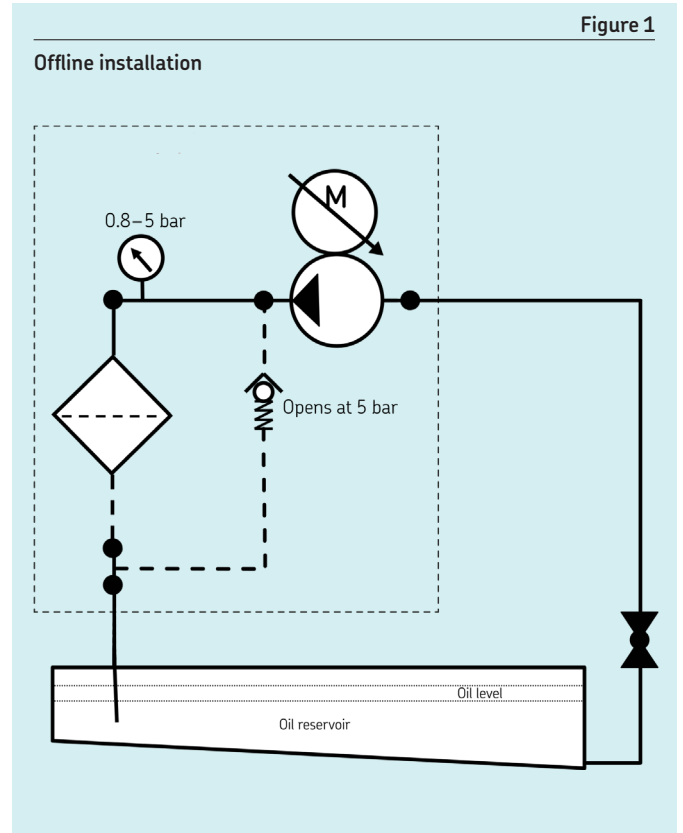
### Removes all types of contamination:

- soft and hard particles down to nano-size
- bacteria
- water (free, bound and emulsified)
- sludge and insolubles (e.g. varnish)
- soluble oxidation products (i.e. pre-varnish)

### Benefits:

- cost-effective maintenance
- no oil changes = environmentally friendly
- change filters instead of changing oil
- increased machine lifetime
- less downtime
- no oxidation in oil

## Technical drawing



ROBX3115DSL



ROBX3125DSL



ROBX3135DSL/B

## Technical specification

### RecondOil box

|                                    |                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------|
| <b>Oil temperature:</b>            | Max. 80 °C (In case of higher temperatures contact RecondOil)                              |
| <b>Working pressure:</b>           | 0.8–5 bar                                                                                  |
| <b>Pressure:</b>                   | Max. 5 bar, relief valve opens at 5 bar                                                    |
| <b>Power consumption:</b>          | 0.01–0.17 kW (variable speed)                                                              |
| <b>Power supply:</b>               | 80–230 VAC                                                                                 |
| <b>Hose connection IN:</b>         | 1/2" BSP                                                                                   |
| <b>Hose connection OUT:</b>        | 1/2" BSP                                                                                   |
| <b>Installation (see drawing):</b> | Connect as an offline unit. «IN» = hose to tank and «OUT» = hose to tank                   |
| <b>Filter insert:</b>              | SKF RecondOil DST-activated depth filter (ROBX500DST) or Standard depth filter (ROBX500HY) |

Table 1

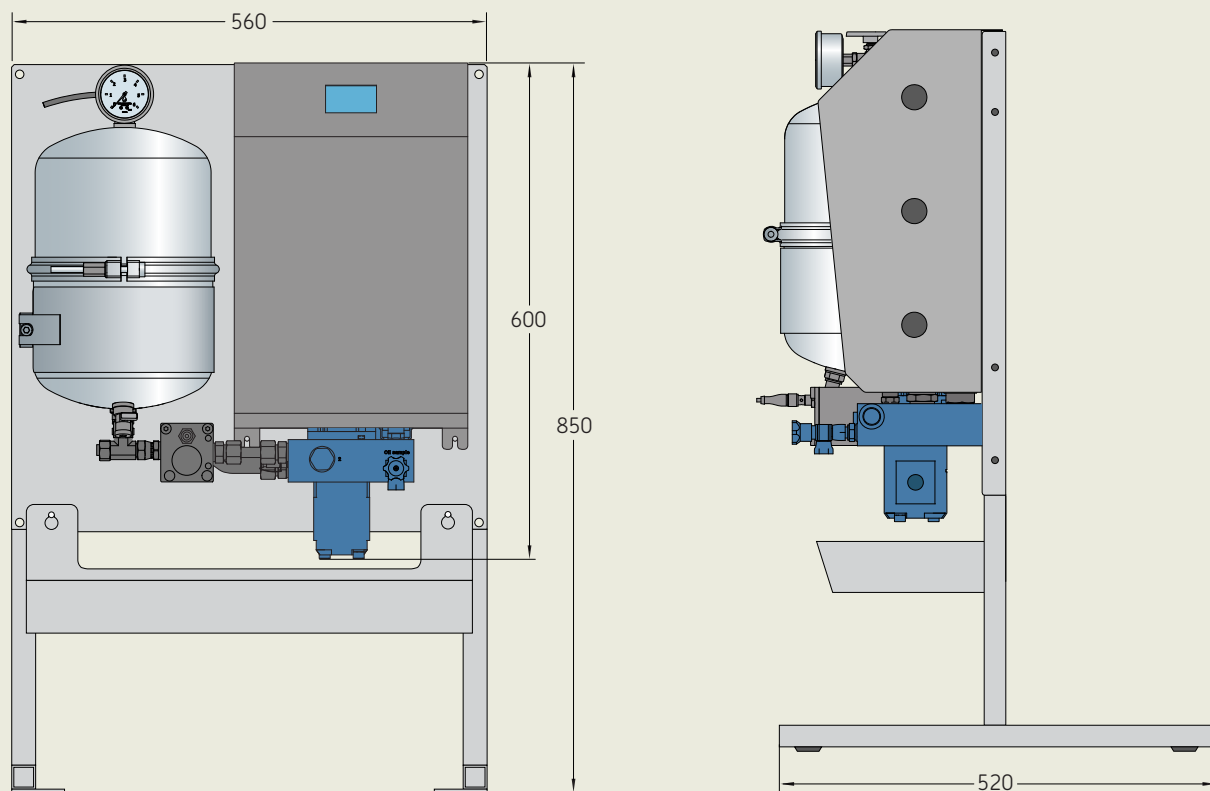
| Type designation | Housings | DSL: Display + Spill tray + Legs |           |       |       |        | DS: Display + Spill tray |           |       |       |        |
|------------------|----------|----------------------------------|-----------|-------|-------|--------|--------------------------|-----------|-------|-------|--------|
|                  |          | Dry weight                       | Op weight | Width | Depth | Height | Dry weight               | Op weight | Width | Depth | Height |
|                  |          | kg                               |           | mm    |       |        | kg                       |           | mm    |       |        |
| Side by side:    |          |                                  |           |       |       |        |                          |           |       |       |        |
| ROBX3115DSL      | 1        | 33                               | 42        | 560   | 290   | 600    | 30                       | 39        | 560   | 290   | 600    |
| ROBX3125DSL      | 2        | 46                               | 64        | 830   | 290   | 600    | 43                       | 61        | 830   | 290   | 600    |
| ROBX3135DSL      | 3        | 63                               | 90        | 1120  | 290   | 600    | 59                       | 86        | 1120  | 290   | 600    |
| ROBX3145DSL      | 4        | 76                               | 112       | 1390  | 290   | 600    | 70                       | 106       | 1390  | 290   | 600    |
| ROBX3155DSL      | 5        | 89                               | 134       | 1660  | 290   | 600    | 83                       | 128       | 1660  | 290   | 600    |
| ROBX3165DSL      | 6        | 106                              | 160       | 1950  | 290   | 600    | 97                       | 151       | 1950  | 290   | 600    |
| ROBX3175DSL      | 7        | 119                              | 182       | 2220  | 290   | 600    | 110                      | 173       | 2220  | 290   | 600    |
| ROBX3185DSL      | 8        | 132                              | 204       | 1390  | 290   | 600    | 123                      | 195       | 1390  | 290   | 600    |
| Back to back:    |          |                                  |           |       |       |        |                          |           |       |       |        |
| ROBX3125DSL/B    | 2        | 42                               | 60        | 560   | 550   | 850    | -                        | -         | -     | -     | -      |
| ROBX3135DSL/B    | 3        | 51                               | 78        | 560   | 550   | 850    | -                        | -         | -     | -     | -      |
| ROBX3145DSL/B    | 4        | 64                               | 100       | 830   | 550   | 850    | -                        | -         | -     | -     | -      |
| ROBX3155DSL/B    | 5        | 73                               | 118       | 830   | 550   | 850    | -                        | -         | -     | -     | -      |
| ROBX3165DSL/B    | 6        | 90                               | 144       | 1120  | 550   | 850    | -                        | -         | -     | -     | -      |
| ROBX3175DSL/B    | 7        | 99                               | 162       | 1120  | 550   | 850    | -                        | -         | -     | -     | -      |
| ROBX3185DSL/B    | 8        | 112                              | 184       | 1390  | 550   | 850    | -                        | -         | -     | -     | -      |

Table 2

| Type designation | Housings | DL: Display + Legs |           |       |       |        | D: Display |           |       |       |        |
|------------------|----------|--------------------|-----------|-------|-------|--------|------------|-----------|-------|-------|--------|
|                  |          | Dry weight         | Op weight | Width | Depth | Height | Dry weight | Op weight | Width | Depth | Height |
|                  |          | kg                 |           | mm    |       |        | kg         |           | mm    |       |        |
| Side by side:    |          |                    |           |       |       |        |            |           |       |       |        |
| ROBX3115DSL      | 1        | 31                 | 40        | 560   | 550   | 850    | 28         | 37        | 560   | 290   | 600    |
| ROBX3125DSL      | 2        | 43                 | 61        | 830   | 550   | 850    | 40         | 58        | 830   | 290   | 600    |
| ROBX3135DSL      | 3        | 59                 | 86        | 1120  | 550   | 850    | 53         | 80        | 1120  | 290   | 600    |
| ROBX3145DSL      | 4        | 71                 | 107       | 1390  | 550   | 850    | 65         | 101       | 1390  | 290   | 600    |
| ROBX3155DSL      | 5        | 83                 | 128       | 1660  | 550   | 850    | 77         | 122       | 1660  | 290   | 600    |
| ROBX3165DSL      | 6        | 99                 | 153       | 1950  | 550   | 850    | 90         | 144       | 1950  | 290   | 600    |
| ROBX3175DSL      | 7        | 111                | 174       | 2220  | 550   | 850    | 102        | 165       | 2220  | 290   | 600    |
| ROBX3185DSL      | 8        | 123                | 195       | 1390  | 550   | 850    | 114        | 186       | 1390  | 290   | 600    |
| Back to back:    |          |                    |           |       |       |        |            |           |       |       |        |
| ROBX3125DSL/B    | 2        | 40                 | 58        | 560   | 550   | 850    | -          | -         | -     | -     | -      |
| ROBX3135DSL/B    | 3        | 49                 | 76        | 560   | 550   | 850    | -          | -         | -     | -     | -      |
| ROBX3145DSL/B    | 4        | 61                 | 97        | 830   | 550   | 850    | -          | -         | -     | -     | -      |
| ROBX3155DSL/B    | 5        | 70                 | 115       | 830   | 550   | 850    | -          | -         | -     | -     | -      |
| ROBX3165DSL/B    | 6        | 86                 | 140       | 1120  | 550   | 850    | -          | -         | -     | -     | -      |
| ROBX3175DSL/B    | 7        | 95                 | 158       | 1120  | 550   | 850    | -          | -         | -     | -     | -      |
| ROBX3185DSL/B    | 8        | 107                | 179       | 1390  | 550   | 850    | -          | -         | -     | -     | -      |

## Technical specification for ROB3115DSL

Figure 2



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