



Filtration Group®

**Introduction / demands for
Pi 241**

Compact all-rounder

- Ø Modular system
- Ø Compact design
- Ø Minimal pressure drop through optimal flow design
- Ø Constantly flow clearance opening
- Ø Ball switching unit
- Ø Flanged and threaded connections
- Ø Variable operating and mounting possibilities
- Ø International certificates of examinations
- Ø Quality filters, easy to service
- Ø Equipped with highly efficient Filtration Group filter elements
- Ø Beta rated elements according to ISO 16889 multipass test
- Ø Elements with high differential pressure stability and dirt holding capacity



Application

- Ø Lubrication oil
- Ø Hydraulic oil
- Ø Fuel oil (HFO, LFO, MFO)
- Ø Compressor oil with max. 5% ammonia content
- Ø Cooling lubricant (individual case check)
- Ø Temperature range from -10°C to +150°C
- Ø Design pressure 40 bar at 10.000.000 Load cycles (LC)



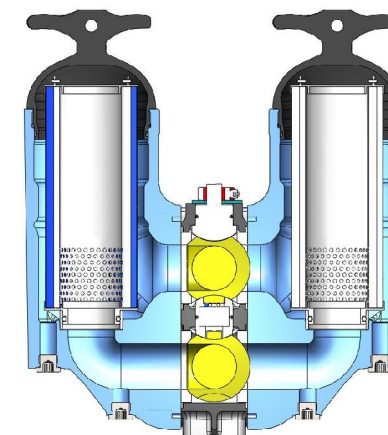
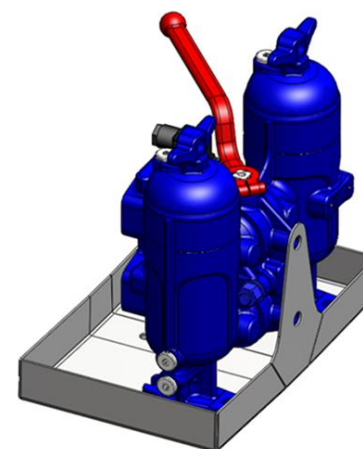
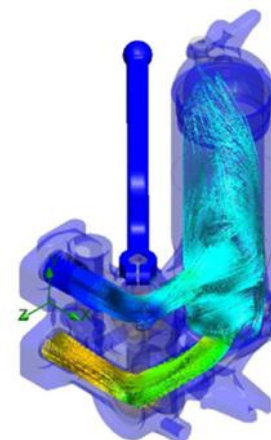
Field of Application

- ØAutomotive
- ØDrive technology
- ØGeneral plant engineering
- ØRefrigeration technology
- ØPower generation
- ØPaper industry
- ØPetro chemistry
- ØRailway
- ØMarine
- ØSteel industry



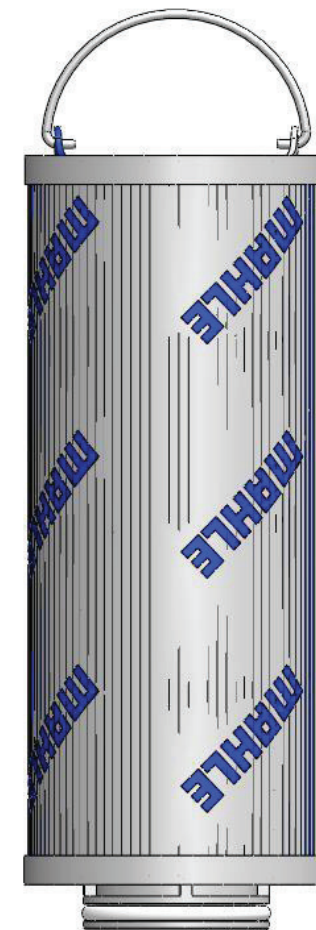
Special features

- Ø Reduced pressure loss and increased dirt holding capacity through maximized filter area, a constant flow cross section and optimized flow transitions
- Ø Maintenance indicator and bypass valve integrated centrally in the switch over unit - no piping / double indicators and more favorable spare part prices compared to solutions with bypass valve in the element
- Ø User-friendly element exchange by removing the cover without tools
- Ø Various connection possibilities (thread, SAE, DIN, ANSI)
- Ø Easy-to-operate, leakage-free ball switch over unit, switch parts made of V2A
- Ø No pressure compensation required (up to 2")
- Ø Variable mounting options by wall and floor mounting
- Ø Comprehensive accessory program



Lube oil filter elements

- new filter element series has been developed according to oil requirements
- filter media PS, Mic, KS-Mic, MB and DRG are available in the usual fineness as well as with e-protect.
- Automatic seal renewal with element exchange
- No constriction of the flow cross-section by element intake
- Constant flow cross-section of the complete filter also through the element
- Comfortable removal by means of wire brackets
- Fixation on top by end disc geometry in the domed cover of the Pi 241



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