



CleverFilter

THE FILTRATION PEOPLE

www.cleverfilter-group.com

Duplex Filter Unit R8370-Series

R8370-Series

Duplex Filter Unit



Features and Benefits

The **R8370** Series Duplex Filter is widely used in power generation turbines and other auxiliary machinery lubrication systems.

It is designed for efficient removal of particulate impurities either continuously or from large oil streams to ensure system's reliable and efficient operation.

- Integrated design
- For high-efficiency filter elements such as RP 8300 E, RP 8300 F, RP 8314 F and others
- Several options for differential pressure warning to meet individual needs and conditions
- Rapidly responding bypass valve to increase system safety
(Advanced warning possible - before the bypass valve opens)
- Housings with O-ring seal for simple and safe handling
- Strictly manufactured under ISO9001 / 14001 and OHSAS18001 as a pre-condition for persistent quality



CleverFilter

THE FILTRATION PEOPLE

www.cleverfilter-group.com

Duplex Filter Unit R8370-Series

Technical Data

Product	Description	Main Materials	Height [mm]	Cartridges e.g.
R8370-Series	Duplex unit filter housing	Aluminum alloy and carbon steel	16" cartridge: 843 39" cartridge: 1398	RP 8300 F03-39H

Max. flow rate (rec. per housing) [l/min]	Max. operating pressure [MPa]	Test pressure [MPa]	Temperature range** [°C]
1,200	2.8 (28 bar)	4.2 (42 bar)	Buna N: - 43 ~ 107 Viton®*: - 29 ~ 120

**based on o-ring material;

Attention: In HWCF or water-glycol fluids max. 60°C

Product Code H – R8370 – 03 – 03 – 16 – A – I – K

Sealing:

H: Buna N
Z: Viton®*

Multi-joint options:

blank : Standard
K : Non-Standard

R: Duplex unit filter housing

Options for differential pressure warning:

B : Port with metal plug
D : Visual warning device **without** cold start recognition
I : Port with plastic plugs
P : Visual warning device **with** cold start recognition
R24DC : SPDT, illuminated, 24V DC

Inlet / outlet connection:

03 : 2½" flange
ISO 6162, 4 holes

Pressure range bypass valve:

A: 1.7 ± 0.2 bar
B: 4.5 ± 0.4 bar
C: 3.4 ± 0.3 bar
D: 6.9 ± 0.5 bar
Y: no bypass valve

Retention rate [µm]:

03 : 3 50 : 50
05 : 5 80 : 80
07 : 7 100 : 100
12 : 12 150 : 150
22 : 22 220 : 220
25 : 25

Note: 25 to 220 micron are precision stainless steel mesh filters

Cartridge length:

16: 16"
39: 39"

Couldn't find what you were looking for? More variations on request!