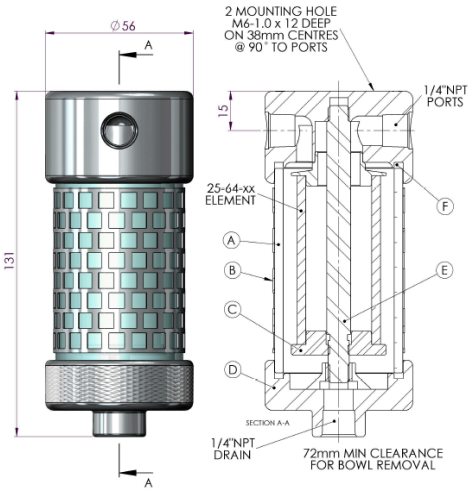
RF-HG-137

Glass-Bowl Sample / Analyser Filter Housing · 316L · Pyrex® Bowl · ¼″ NPT · 7 bar · Ø 25 × 64 element



Cross-section · Do not scale · All dimensions in mm

TECHNICAL SPECIFICATIONS

Model	**RF-HG-137**
Housing Type	Glass-bowl sample / analyser filter (general purpose)
Port Connections	¼″ NPT, inlet / outlet
Drain	¼″ NPT
Maximum Pressure	7 bar (100 psig)
Maximum Temperature	100 °C (212 °F)
Internal Volume	110 cc
Element Size	Ø 25 × 64 mm (size code 25064)
Outer Diameter	Ø 56 mm
Overall Length	131 mm
Weight	approx. 1 kg
Mounting	2 × M6 × 1.0, 12 mm deep, 38 mm centres @ 90° to port centreline
Min. Clearance (bowl removal)	72 mm

MATERIALS OF CONSTRUCTION

Head	316L stainless steel
Bowl	Pyrex® borosilicate glass (visual monitoring)
Internals	316L stainless steel
Standard O-ring / Gasket	Viton® (FKM) standard
Optional Seals	Nitrile (NBR) · Silicone (VMQ) · Kalrez® (FFKM)
Exotic Alloy Options	Alloy C-276 (RF-HG-137H) · Alloy 400 / Monel® (RF-HG-137M)

APPLICATION NOTES

Typical Service	Primary sample conditioning — analyser and instrument protection; general-purpose gas / liquid filtration with visual bowl monitoring of condensate and contamination
Oxygen Service	Oxygen cleaning service available on request
Orientation	Vertical, ports uppermost; drainable bowl

COMPATIBLE FILTER ELEMENTS (Ø 25 × 64)

Article	Type
RF-P-25064-xx	Particulate (disposable microfibre)
RF-C-25064-xx	Coalescing (oil aerosol / liquid)
RF-SS-25064-xxx	Sintered stainless steel
RF-TF-25064-xxx	Sintered PTFE (corrosive gas)

Replace “xx” with grade / micron rating.

SPARE PARTS & SEALS

Article	Description
RF-A-GB137	Pyrex® glass bowl (A)
RF-A-BG137	Bowl guard (B)
RF-A-ER137	Element retainer (C)
RF-A-BP137	Base plate (D)
RF-A-TR137	Tie rod (E)
RF-A-SK137V	Seal kit, Viton® (F)

Seal kits also in NBR / VMQ / FFKM. Spare article numbers confirmed on order.

ORDERING

Item	Detail
Housing	RF-HG-137, 316L, Pyrex bowl, ¼″ NPT
Element	select 25064 type & grade
Seal material	specify per gas / service
Options	O_2 cleaning · exotic alloy

Bowl guard recommended above 4 bar.

Selection note: The RF-HG-137 is a 316L stainless-steel sample / analyser filter housing with a transparent Pyrex® borosilicate glass bowl for continuous visual monitoring of condensate and contamination. It is a functional alternative for common glass-bowl primary sample conditioners (¼″ NPT, Pyrex bowl, Ø 25 × 64 element); installation dimensions on request. Rated 7 bar / 100 °C; fit a bowl guard for mechanical protection. Oxygen cleaning service and exotic-alloy heads (Alloy C-276, Alloy 400) available on request. Confirm seal material for the intended service before ordering.