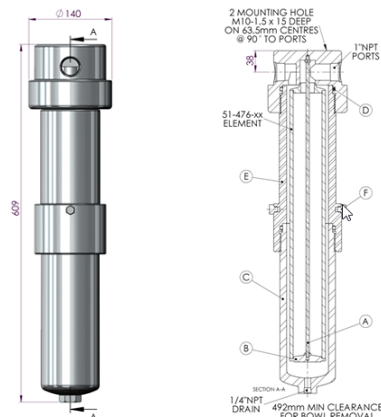


RF-H-160HP

316L Stainless Steel High-Pressure Filter Housing · 1" NPT · 200 bar · 200 °C



External elevation · mm Section A-A · Do not scale drawing



RF-H-160HP · 316L stainless steel

TECHNICAL SPECIFICATIONS

Model	RF-H-160HP (1" NPT)
Housing Type	High-pressure inline filter housing
Connection	1" NPT ports
Drain	1/4" NPT
Maximum Pressure	200 bar (2,900 psi)
Maximum Temperature	200 °C (392 °F)
Internal Volume	2,700 cc
Weight	24 kg
Filter Element Size	51-476 (Ø 51 × 476 mm)
Overall Height	609 mm
Head Diameter	Ø 140 mm
Bowl Removal Clearance	492 mm min.
Mounting	2 × M10-1.5 × 15 deep, 63.5 mm centres @ 90° to ports

MATERIALS OF CONSTRUCTION

Head	316L Stainless Steel
Bowl	316L Stainless Steel
Internals	316L Stainless Steel
Standard Gasket / O-ring	Viton (FKM)

EXOTIC MATERIAL OPTIONS

Alloy C-276	Model 160HPH
Alloy 400 (Monel)	Model 160HPM

OXYGEN CLEANING

Oxygen cleaning service available on request

COMPATIBLE R+F FILTER ELEMENTS

R+F Article No.	Element Type
RF-C-51476-xx	Coalescing (glass microfibre)
RF-P-51476-xx	Particulate (glass microfibre)
RF-SS-51476-xx	Sintered 316L stainless steel
RF-TF-51476-xx	Sintered PTFE
Replace "xx" with micron rating or grade. Element size 51-476 (Ø 51 × 476 mm).	

REPLACEMENT PARTS

Code	Description
TR160	Tie Rod (A)
ER150	Element Retainer (B)
SC160	Support Core
SSB 160HP	316L SS Bowl (C & E)
MB150VP	Mounting Bracket

AVAILABLE O-RINGS

Code	Material
GV160HP (D)	Viton (Standard)
GN160HP	Nitrile
KZ160HP	Kalrez™
GS160HP	Silicone

Note: The RF-H-160HP is the high-pressure variant of the 160-series housing, rated to **200 bar** while retaining the 51-476 element size (476 mm filter length) and 2,700 cc sump volume. Contact R+F FilterElements for application-specific element selection guidance.