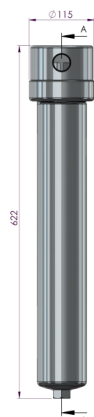


RF-H-160

316L Stainless Steel High-Flow Filter Housing · 1" NPT · 100 bar · 200 °C



Do not scale drawing · All dimensions in mm



RF-H-160 · 316L stainless steel

TECHNICAL SPECIFICATIONS

Model	RF-H-160 (1" NPT)
Housing Type	High-flow T-style inline filter housing
Connection	1" NPT
Drain	¼" NPT
Maximum Pressure	100 bar (1,450 psi)
Maximum Temperature	200 °C (392 °F)
Internal Volume	2,700 cc
Weight	18 kg
Filter Element Size	51-476 (Ø 51 × 476 mm)
Overall Height	622 mm
Head Diameter	Ø 115 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 160H
Alloy 400 (Monel)	Model 160M

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 160	316L SS Bowl (C)
MB150	Mounting Bracket

AVAILABLE O-RINGS

Code	Material
GV150 (D)	Viton (Standard)
GN150	Nitrile
KZ150	Kalrez™
GS150	Silicone

Note: The RF-H-160 is the high-flow variant of the 100-series housing family, featuring the extended 51-476 element size (476 mm filter length) and 2,700 cc sump volume for superior service life and liquid slug buffering at minimal differential pressure. Contact R+F FilterElements for application-specific element selection guidance.