

Applications



INDUSTRIAL



MOBILE VEHICLES



MARINE



AGRICULTURE



BULK FUEL FILTRATION

Application Introduction:

The Reason for Better Engine Filtration

Mobile machines and commercial vehicles are subject to the toughest working conditions. To ensure smooth operation of vehicles, and to protect both the engine and exhaust aftertreatment from damage, optimum diesel fuel conditioning is particularly important. The new HDP 240 BC expands the Schroeder Industries product portfolio in the field of fuel filtration on modern diesel engines. While formerly a flow volume from 90 to 476 gph (340 to 1800 lph) has been covered, this new product complements the lower engine power range with fuel system flow rates up to 63 gph (240 lph).

Features and Benefits

- Our new 63 gph fuel filter is designed with compact off-highway equipment in mind
- Our high performance, dual function diesel filtration and water separation uses the same two-stage element design found in our larger filters
- Dual function: Diesel filtration and water separation through the two-stage element designs
- High performance stability due to an efficient water separation on clean side over the entire service life
- Simple and fast element replacement makes servicing the HDP 240 easy
- Easy installation and flexibility due to various porting configurations options
- Guaranteed quality as the filter can only be operated with use of quality replacement elements
- Modular porting, priming pump, and heater options make for easy installation and servicing in tight spaces

Options Available

- Transparent or black bowl
- Fuel pre-heater
- Water-in-fuel sensor (necessary with black bowl)
- Hand priming pump
- Various Inlet/Outlet port configuration options (consult factory for special requests)



Model No.: HDP KF1 240 BC1 xx W
1.1 /-AS16-H3L-PH4R-DLO-TR



Model No.: HDP KF1 240 BC1 xx W
1.1 /-AS16-PH4L-DOO

Flow Rating:	up to 63 gph (up to 240 lph)
Operating Pressure:	<14.5 psia, (<1 bar absolute) suction side application
Temperature Range:	-40°F to 194°F (-40°C to 90°C)
Nominal Voltage:	WIF: 12/24VDC Heater: 12VDC
Fuel Preheater Rated Power:	175W
Weight of incl. Element:	240 BC: approx. 2.7 lbs (1.2 kg.)
Water Separation Efficiency:	>95% to ISO CD 16332
Porting Thread:	M16 x 1.5

up to 63 gph^{ICF}
up to 240 lph^{IDF}

<14.5 psia^{DFA}
<1 bar absolute^{BDA}
Suction Side Application

GHPF

GHCF

QCF

BDS

BDS2

BDS3

BDS4

LVH-F

LVH-C

BDFC

BDFP

BDC

HDP 240

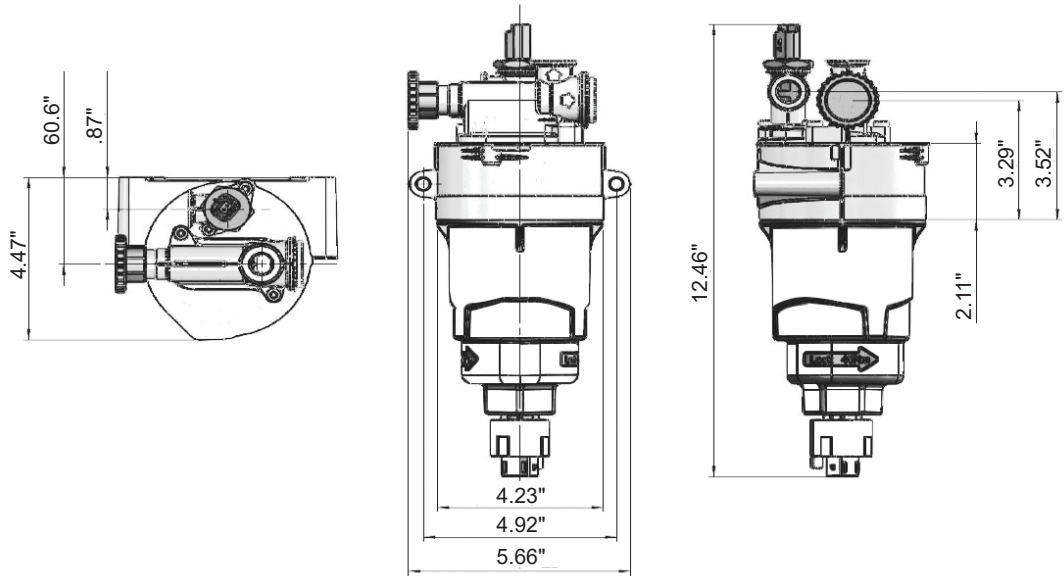
HDP

HDPD

BCC

Filter Housing Specifications

HDP KF1
240 BC1



Metric dimensions in ().
Dimensions shown are inches (millimeters) for general information and overall envelope size only.
For complete dimensions please contact Schroeder Industries to request a certified print.

Filter Model Number Selection

Highlighted product eligible for **QuickDelivery**

How to Build a Valid Model Number for a Schroeder HDP Housing Supplied w/ Element:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	BOX 11
HDP							.	/-		

Example: NOTE: Only box 9 may contain more than one option

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	BOX 11
HDP	KF1	240	BC1	10	W	1	.	X	/-	-DLO -TR

= HDP KF1 240 BC1 10 W 1.X /-DLO-TR

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5
Filter Series HDP	Filter Material KF1 = Dieselmicron®	Size 240 = 63 gph	Evolution Stage BC1 = Manual Drain Configuration	Filtration Rating 7 = 7 µm
BOX 6	BOX 7	BOX 8	BOX 9	
Type of Clogging Indicator W = No clogging indicator	Type Code 1	Modification Number X = Latest version number always supplied	Options	
			-AS16 = WIF sensor w/ integral drain -PH4R = Hand priming pump, right handed operation -H3L = Integrated fuel pre-heater (12 VDC) Left inlet port orientation	
			BOX 10	
			Port Orientation	
			-DOO = Inlet top, outlet top -DLO = Inlet left, outlet top	
			BOX 11	
			Bowl Option	
			Omit = Black -TR = Transparent	

NOTES:

For other options, including the ones listed below, contact factory:

- Porting orientation not listed in model code builder
- SAE J1926 ORB or SAE J2044 Quick Connect Porting
- Cummins® ready Water-in-Fuel (WIF) sensor options
- Other OEM-ready Water-in-Fuel (WIF) sensor options