

KLS-HV
KLD-HV

3 gpm
11.4 L/min

High Viscosity Kidney Loop Systems

U.S. Patents 6568919 7604738



KLD-HV-G2820

KLD-HV

Features and Benefits

- Rugged, protective frame with integrated lifting eyes for lifting the filter skid via crane or hoist
- Ability to filter fluids having a viscosity up to 15,000 SUS
- Base-ported filter provides easy element service from the top cap
- 18-inch housing is standard
- 18 and 27 - inch options available

Applications

- Compact design in protective frame allows for easy transport up towers in wind applications
- Supplementing continuous filtration by the system's filters
- Cleaning up a hydraulic system following component replacement
- Filtering new fluid before it is put into service
- Transferring fluid from storage tanks and drums to system reservoirs

Description

Schroeder's newest addition to the off-line kidney loop family offers the user the ability to filter high viscosity fluids - up to 15,000 SUS.

The KLS-HV and KLD-HV is a compact, self-contained filtration system equipped with high efficiency, high capacity elements capable of removing particulate contamination and/or water quickly, conveniently and economically. It is perfect for cleaning up existing systems as well as for prefiltering new fluids, since new fluids often have contamination levels significantly higher than that recommended for most hydraulic systems.

The KLS-HV and KLD-HV dual filtration unit can be used to remove both water and particulate contamination or for staged particulate contamination removal. Additional features include a modular base that eliminates hoses and fittings between components with easy to change element design.

Specifications

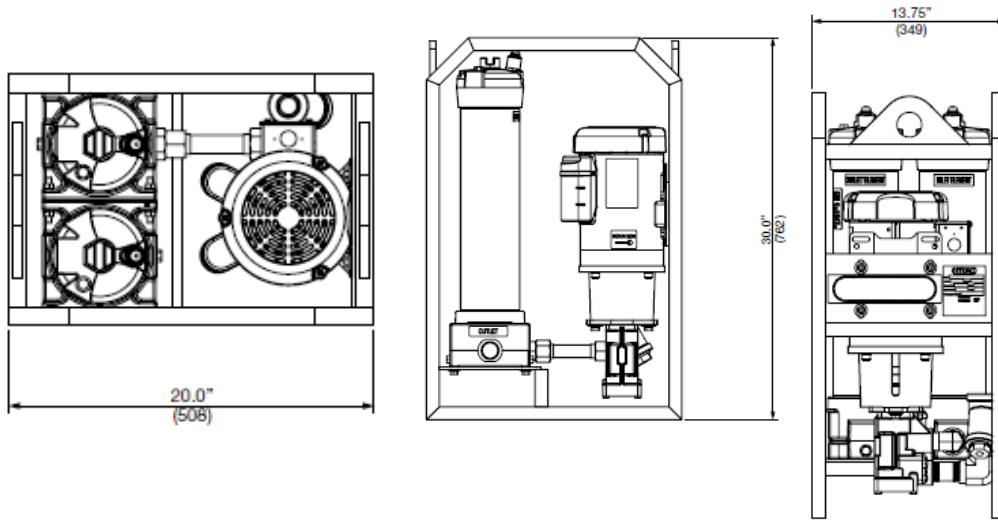
Flow Rating:	3 gpm (11.74 L/min) max
Maximum Viscosity:	15,000 SUS (2150 cSt)
Maximum Operating Temperature:	-20°F to 150°F (29°C to 65°C)
Bypass Valve Setting:	Cracking: 40 psi (2.8 bar)
Material:	Manifold and cap: Cast aluminum Element case: Steel Protective Frame: Tubular Steel
Compatibility:	All petroleum based hydraulic fluid. Contact factory for use with other fluids.
Motor:	115V AC single phase 1.5 HP Standard Offering 460V - 60Hz 575V - 60 Hz 460V wash down motor

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KLS-HV KLD-HV

KLD-HV



Metric dimensions in ().

How to Build a Valid Model Number for a Schroeder KLS-HV or KLD-HV:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7
KLD-HV						

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7
KLD-HV	18	GWR	GWR	V		G2820

= KLD-HV18GWRGWRVG2820

BOX 1	BOX 2	BOX 3
Series	Element Length	Element Micron Rating
KLS-HV	18	G03, G05, G10 = Excellement® Z-Media® (synthetic) w/GeoSeal®
KLD-HV	27	GWR = Water Removal w/GeoSeal®

BOX 4	BOX 5
Element Micron Rating	Element Micron Rating
G03, G05, G10 = Excellement® Z-Media® (synthetic) w/GeoSeal®	V = FPM
GWR = Water Removal w/GeoSeal®	

BOX 6	BOX 7
Voltage	Options
Omit = 115V, 60Hz, 1-ph	G2820* = High Viscosity Filter Skid with rugged protective frame
B = 460V-60Hz Includes Motor Start	
E = 575V-60Hz-3Ph	
WD = Washdown Motor Option - 460VAC (G3472)	

*18" housing only

CS 1000

CS 1939

CSI-C-11

HY-TRAX®

RBSA

CSM

FCU

MCS

AS

SMU

CTU

EPK

Trouble
Check Plus

HMG2500

HMG4000

ET-100-6

HTB

RFSa

HFS-BC

HFS-15

MFD-BC

MFS, MFD

HY-TRAX®
Retrofit System

MFD-MV

MFS-HV

AMS, AMD

FS

AMFS

KLS, KLD

KLCO

MCO

AKS, AKD

LSN, LSA, LSW

X Series

OLF Compact

OLF

OLF-P

NxTM

VEU-F

VMU

IXU

Triton-A

Triton-E

NAV

SVD01

OXS

Appendix