



SRK Combo

Max Flow: 79 gpm (300 lpm)



SRK Suction/Return Combination In-Tank Filters

Working Pressures to: 145 psi
1000 kPa
10.0 bar

Rated Static Burst to: 217 psi
1497 kPa
15.0 bar

Flow Range to: 79 gpm
300 lpm

Applications

- Hydrostatic Transmissions
- Mobile Equipment



Features

The SRK tank-mounted suction and return filter is a popular choice for hydrostatic transmissions. The filtered flow is maintained at a slight backpressure to provide clean, pressurized oil, mainly for charge pumps in hydrostatic transmission systems. The pressurized flow is designed to reduce cavitation risks. This patented design uses an integrated main flow and bypass flow filter filter, which is capable of delivering filtered and pressurized oil, even in bypass situations. Emergency suction flow is also filtered. The SRK operates in a standard flow (outside to inside) configuration. SAE O-Ring ports are standard to meet popular application requirements.

- 4-point mounting
- Housing material: steel
- Buna-N® seals standard
- Head material: aluminum
- Cover material: glass-filled nylon
- Main filters include integrated bypass filters

Buna-N® is a registered trademark of E. I. DuPont de Nemours and Company.

Beta Rating (per ISO 16889)

- Performance to $\beta_{13(c)} = 1000$

Porting Size Options

- Inlet: SAE-16, SAE-20 O-ring
- Outlet: SAE-16 O-Ring

Replacement Filter Lengths

- 18.6" / 472 mm

Standard Bypass Ratings

- 36 psi / 250 kPa / 2.5 bar

Standard Backpressure Ratings

- 7.3 psi / 50 kPa / 0.5 bar

Assembly Weight

- 10.8 lbs / 4.9 kg

Operating Temperatures

- -22°F to 212°F / -30°C to 100°C

Filter Collapse Ratings

- 145 psid / 1000 kPa / 10 bar

Return Flow Rate

- 79 gpm (300 lpm)

Emergency Suction Flow Rate

- 27 gpm (100 lpm)

SRK Filter Assemblies

Donaldson Part No.	Inlet Port Connections	Outlet Port Connections	Bypass Valve	Emergency Suction	Comments
K041634	SAE-20 & SAE-16	(2) - SAE-16	36 psi (2.5 bar)	125 µm Wire Mesh	Indicator not included

Filter Choices

Media Type	$\beta_{x(c)} = 1000$ Rating based on ISO 16889	Length in mm	Donaldson Part No.	Bypass	Comments
Synteq Synthetic	13 µm	18.6 472	P765457	125 µm Wire	For Combo 300 Assemblies

- Standard collapse designs are double wire-backed using epoxy-coated steel mesh for maximum pleat support and dirt capacity.
- All SRK filters are standard flow (outside to inside).
- Buna-N seals are standard on all SRK filters.

Suction Filter Choices

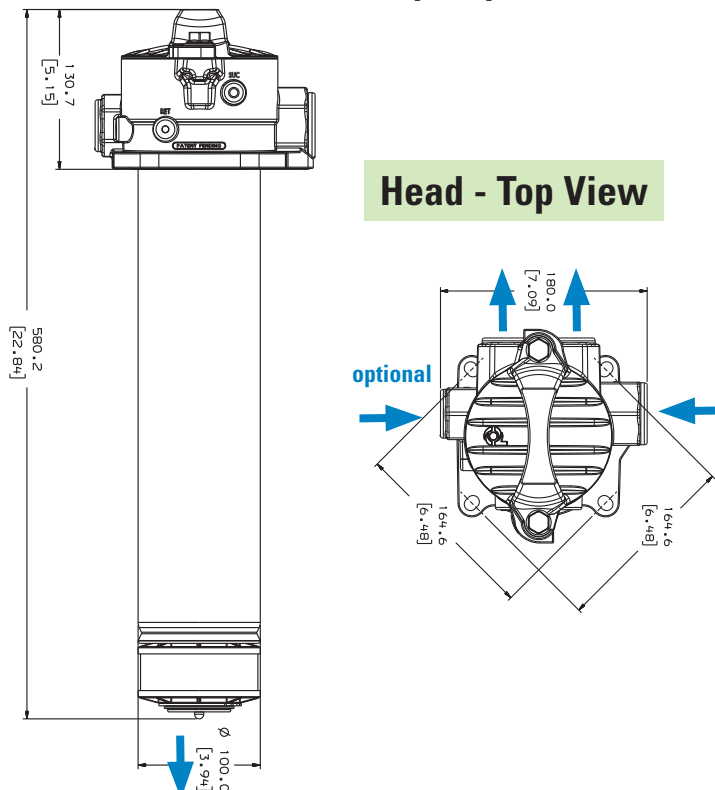
Media Type	$\beta_{x(c)} = 2$ Rating based on ISO 16889	Length in mm	Donaldson Part No.
Wire Mesh	125 µm	1.98 50.2	P764183

Indicator Options

Donaldson Part No.	Set Point	Style	Connection
P764467	36 psi (2.5 bar)	30 VDC, N.O.	G1/8"
P764613	36 psi (2.5 bar)	30 VDC, N.C.	G1/8"
P764612	36 psi (2.5 bar)	Visual	G1/8"

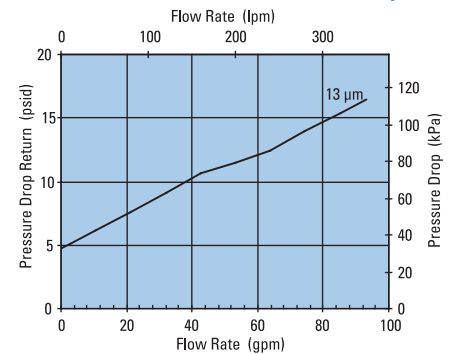
Assembly - Side View

All dimensions are shown in millimeters [inches].



Performance Data

SRK Suction / Return Combo Assembly



Flow Schematic

