

HPK04 Components

Element Choices

Media Number	B ₅₀ = 1000 Rating	Length (in./mm)	Part No.	Comments
1	6µm	8/203	P167842	
			P167185	High Collapse
		16/406	P169433	
			P167187	High Collapse
2	9µm	8/203	P164594	
			P164601	Viton Seals
		16/406	P164598	
			P164603	Viton Seals
2½	10µm	8/203	P164166	
			P167186	High Collapse
		16/406	P164170	
			P164367	Viton Seals
4	20µm	8/203	P167188	High Collapse
			P164365	Viton Seals
			P164174	
9	23µm	8/203	P164174	
			P164178	
20	>50µm	8/203	P165319	
			P162233	200 wiremesh screen
74	—/—/75	8/203	P162233	200 wiremesh screen



Filter Notes

- **SEALS:** Filters with seals made of **BunaN** are appropriate for most applications involving petroleum oil. Filters with seals made of **Viton**® (a fluorocopolymer) are required when using diester, phosphate ester fluids, water glycol, water/oil emulsions, and HWCF (high water content fluids) over 150°F. (*Viton*® is a registered trademark of DuPont Dow Elastomers.)
- **SYNTHETIC MEDIA:** Synteq® filter media is compatible with petroleum based fluids, and most phosphate esters, water oil emulsions, and HWCF (high water content fluids.)
- Donaldson high collapse filters are physically designed to withstand up to 3000 psi/ 20,700 kPa before collapsing.

Housing Choices

Length (in./mm)	Part No.
8/203	P162451
16/203	P162452

Note: Head assemblies include head-to-housing seal.

Head Choices

Port Size ⁴	Working Pressure	Bypass Rating	Indicators ¹	Part No.
1½" SAE 4-Bolt Flange (code 61) and SAE-20 O-Ring	3000 psi	60 psi	visual LH, blank plate RH ²	P166127
1½" SAE 4-Bolt Flange (code 61) and SAE-20 O-Ring	3000 psi	90 psi with reverse flow check valve	visual LH, blank plate RH ²	P166149
1½" SAE 4-Bolt Flange (code 61) and SAE-20 O-Ring	3000 psi	no bypass	visual LH, blank plate RH ²	P169754
1½" SAE 4-Bolt Flange (code 62)	6000 psi	60 psi	visual LH only ²	P164346
1½" SAE 4-Bolt Flange (code 62)	6000 psi	90 psi with reverse flow check valve	visual LH, blank plate RH ²	P170057
1¼" SAE 4-Bolt Flange (code 62)	6000 psi	90 psi with reverse flow check valve	visual LH, blank plate RH ²	P170058
1¼" SAE 4-Bolt Flange (code 62)	6000 psi	90 psi with reverse flow check valve	blank plate LH, drilled, tapped, ³ plugged RH for P173929	P173887

Head Notes

- On all HPK04 heads where an indicator is NOT installed, a blank plate or a plug is there.
- ¹ Donaldson uses the inlet port as the reference point. "Left side," for instance, means that the indicator mounts on the side of the filter head that is on your left when you face the inlet port.
 - ² Alternate indicator: Electrical indicator (P166298) mounts in place of visual model on left side only.
 - ³ Alternate indicator: Electrical indicator (P173929) mounts on right side of head only.
 - ⁴ CAUTION: Consult fitting manufacturers for maximum allowable operating pressures.