

## Suction Strainers for Filtering Hydraulic Reservoirs

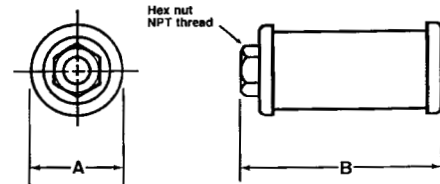


### Features

- Flow Range: 0-100 *gpm* / 0-389.5 *l/min*
- ½" NPTF to 3" NPTF
- Meets J.I.C. Standards
- One piece construction
- Available with or without relief valve
- Stainless steel pleated 100 mesh/140µm screen
- Plated perforated steel center core epoxy bonded to heavy gauge connector and end caps
- Reusable! Clean by swishing in non-caustic solvent, then blow from inner diameter to outer diameter with compressed air.

### Application

The Donaldson Suction Strainer filters petroleum-based hydraulic fluids, phosphate esters, water glycols, lubricating oils, coolants, fuels and water in fluid reservoirs, sumps, and similar applications.



## Suction Strainer Dimensional Specifications & Performance

with NO relief valve	with 3 psi relief valve	NPTF Pipe Size	A (Diameter)		B (Length)		Screen Area (sq. in.)	Weight		Flow <sup>1</sup>	
			in	mm	in	mm		lbs	kg	gpm	l/min
P169012		½"	2.63	66	3.10	79	62	0.4	.88	5	19
P169013	P173910	¾"	2.63	66	3.55	80	68	0.5	1.1	8	30
P169014	P173911	1"	2.63	66	5.35	136	110	0.7	1.5	10	38
P169015	P173912	1¼"	3.38	86	6.85	174	162	1.0	2.2	20	76
P169016	P173913	1½"	3.38	86	8.01	203	225	1.2	2.6	30	114
P169017	P173914	1½"	3.94	100	9.8	250	340	1.4	3.1	50	189
P169018	P173915	2"	3.94	100	9.8	250	340	1.8	4.0	50	189
P169019	P173916	2½"	5.12	130	10.1	256	400	2.3	5.0	75	284
P169020	P173917	3"	5.12	130	11.78	299	500	3.0	6.6	100	379

<sup>1</sup> On suction lines in hydraulic systems, the recommended flow velocity is 5 ft./sec. maximum. A clean filter with 225 SSU oil @ 100°F and a flow velocity of 5 ft./sec. will not exceed a pressure drop of 0.35 psi.