RSCN Suction Strainers



RECOMMENDED FOR:

RYCO RSCN Series Suction Strainers are designed to be installed on the Suction Line, inside the oil reservoir, below the level of oil; to protect the pump from large particle contamination.

FEATURES:

- Sturdy, all metal construction, continuous epoxy bonded.
- Filtration 149 Micron (100 Mesh Size).
- Stainless steel mesh can be cleaned.
- BSPP threads.
- No Bypass Valve. Flow to pump will stop if Strainer becomes clogged.

TECHNICAL DATA

• Filtration Media:

Stainless Steel woven mesh, extensively pleated to maximise surface area thus maximising dirt holding capacity.

- Filtration Rating: 149 Micron Absolute.
- Threaded Cap: Aluminium.
- End Cap: Plated steel.

PART NUM PART

RSCN-60024

- Centre Tube: Plated steel.
- Operating Temperature: 80°C (176°F) maximum continuous working temperature.

PORT



TECHNICAL DATA (CONTINUED)

• Fluid Compatibility:

Mineral/petroleum based hydraulic oils, may also be used with lubricants and coolants.

• Nominal Flow Rates:

Nominal flow rates shown below are for 30 centistoke viscosity oil, and include a factor to allow for normal viscosity changes due to temperature changes, and for normal flow restriction due to clogging between service intervals. Normal selection is to match nominal flow rate of strainer with pump flow rate. However, if regular very cold starts at below 0°C (32°F) are expected, or if extended service intervals are required, or if oil of more than 30 centistoke viscosity at normal system operating temperature is used; a larger size **RSCN** Suction Strainer should be specified. See pages 386 and 387 for "Effect of Temperature and Viscosity on Flow Rate an Pressure Drop".

SCREEF

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NUMBER	FLOW	BSPP	LENGTH	LENGTH	DIAMETER	AREA	WEIGHT
PART NO	LPM	A inch	B mm	L mm	D mm	sq. cm	kg
RSCN-01202	12	1/4	78	90	46	187	0,10
RSCN-01203	12	3/8	78	90	46	187	0,10
RSCN-02004	20	1/2	93	105	46	226	0,10
RSCN-02806	28	3/4	97	109	64	406	0,20
RSCN-04008	40	1	127	139	64	542	0,20
RSCN-06010	60	1.1/4	127	139	86	929	0,30
RSCN-08012	80	1.1/2	154	168	86	1161	0,35
RSCN-12012	120	1.1/2	188	200	86	1393	0,40
RSCN-16016	160	2	223	235	100	1806	0,55
RSCN-20016	200	2	248	260	100	2032	0,60
RSCN-30020	300	2.1/2	196	211	150	2787	0,85
RSCN-40024	400	3	257	272	150	3677	1.00

345

OVERALL

MOUNTING INSTRUCTIONS

HIGHER TECHNOLOGY EQUALS GREATER PERFORMANCE

330

RYCO RSCN Series Suction Strainers are installed inside the oil reservoir, below the level of the oil. They should be installed at the opposite end of the reservoir to the oil return line, to allow the oil to cool, settle and de-aerate as much as possible before it returns to the pump.

150

PART NUMBERS, SPECIFICATIONS AND DIMENSIONS

NOMINAL

600

1.25