

[Home](#)[Products](#)[Support](#)[Industries](#)[Services](#)[Solutions](#)[Where to Buy](#)

[Home](#) / [Products](#) / [Filters, Collecto...](#) / [Filter Assemblies...](#) / [Hydraulic Filters](#) / [Tanktop Mounted S...](#) / [SRL1210QLBG5GG16G](#)

Tanktop Mounted Suction and Return Filter - SR Series

Part #: SRL1210QLBG5GG16G



The SR series filters are capable of feeding filtered oil under positive pressure to the suction side of the boost pump filtering both open and closed loop oil systems through one filter.

[View Series Page](#) [Share / Email](#) [Print](#)

Technical Specifications

Flow Rate:	0 to 125 l/min	Product Style:	Tanktop Mounted Suction and Return Filter
Brand:	Parker	Product Series:	SR Series
Division:	Hydraulic & Industrial Process Filtration Division EMEA	For Fluid Type:	Hydraulic Oil
Bypass Valve		Operating Pressure:	10 bar, 150 psi
Pressure Rating:	1.7 bar	Operating Temperature:	-30 to +110 °C, -22 to +230 °F
Connection Type:	Return G1", Suction G3/4"	Mounting Type:	Tank Mounted
Industry:	Construction, Agriculture, Materials Handling	Housing Material:	Aluminium
Filter Element Type:	10QL Ecoglass	Specifications Met:	Degree of filtration determined by multipass test according to ISO 16889.
Application:	Road Sweepers, Road Rollers, Fork Lift Trucks, Loading Shovels, Telescopic Handlers, Dump Trucks, Skid Steers, Agricultural Harvesting Machines, Mini Excavators	Micron Rating:	10 MICRON
Indicator Type:	Visual	Indicator Pressure Setting:	2.0 bar
Technology:	Filtration, Hydraulics	Seal Material:	Nitrile
Product Type:	Hydraulic Filters		
Options:	Strainer 120µ		

[Safety Warning](#)

Item Information

The SR series filters are capable of filtering both open and closed loop oil circuits through one filter.

SR1 and SR2 are capable of feeding filtered oil under positive pressure to the suction side of the boost pump, filtering both open and closed loop oil systems through one filter.

Features and Benefits

- Compact design – Less space required for improved flexibility during system design
- Bypass valve mounted in series with back-pressure valve – Ensures pressurisation of filtered oil for hydrostatic drive resulting in lower risk of pump cavitation and oil foaming
- *LEIF@* elements – Safeguards the use of genuine parts for guaranteed quality of filtration
- Strainer located in filter head – Strainer filters all bypassed fluid by using a system-matched degree of filtration for improved protection of system
- High level of customisation – Dedicated system-matched solutions can easily be made available for improved integration of filter in system combined with lower initial system costs
- Quick response bypass with low hysteresis – Reduction of bypass period and only a small part of the total flow is bypassing the element
- Standard or customised funnel – Oil enters the tank under the oil level for significant reduction in oil foaming
- Multiple ports availability – More compact solutions can be realised, the use of manifold blocks can be avoided, easy to integrate with cooler circuit

CAD Drawings + Files



Related Documents



Parker Sales Company UK

psc.uk.webform@support.parker.com

+44 (0)1926 317878

+ Company Information

+ Global Operations

+ Help & Support

+ Follow Us :

© PARKER HANNIFIN CORP 2023

ENGINEERING YOUR SUCCESS.

[SITE MAP](#) [SAFETY](#) [PRIVACY POLICIES](#) [TERMS AND CONDITIONS](#)

