

Parker Product Datasheet



The IN-AGB Series is a low cost, high performance in-tank mounted return line filter featuring a quick response bypass construction with low hysteresis and a high dirt-holding capacity.

PART NUMBER: IN410QLBNEXXX1
OUTSIDE DIAMETER: 87 mm
FLOW RATE: 180 l/min
BYPASS VALVE PRESSURE RATING: 1.5 bar
FILTER ELEMENT: 10QL Ecoglass *
FLOW CAPACITY (L/MIN): 120
FILTER ELEMENT TYPE: 10QL Ecoglass
MICRON RATING: 10 µm
HEIGHT: 267 mm
OPTIONS: No Diffuser
SEAL MATERIAL: Nitrile
BYPASS VALVE (BAR): 1,5 *

PRODUCT OVERVIEW

The low-cost, high-performance return line IN-AGB filter features Q3 filter media, a bypass construction with low hysteresis, magnetic pre-filtration and a high dirt-holding capacity. The range is capable of handling flow rates from 30 l/min up to 2400 l/min. LEIF® elements are available for flow rates up to 1500 l/min, meeting the most stringent demands for environmentally-friendly filtration and offering protection against poor quality pirate elements.

Features and Benefits

- The filter is integrated into the tank for a compact, low-cost design
- Bypass construction with low hysteresis for improved system protection.
- Magnetic pre-filtration removes ferrous particles, even during bypass conditions for improved fluid cleanliness levels and extended element life and a high dirt-holding capacity.
- Wide range of diffusers including airtight options.
- Flow from inside to out ensuring all captured contamination is retained inside the element and no recontamination of the system during element change out can occur.
- Patented LEIF® elements safeguard filtration quality

TECH SPECIFICATIONS

DIVISION	Hydraulic & Industrial Process Filtration Division EMEA
PRODUCT SERIES	IN-AGB Series
FOR FLUID TYPE	Hydraulic Oil
MOUNTING TYPE	Tank Mounted
SPECIFICATIONS MET	Degree of filtration determined by multipass test according to ISO 16889.
INDUSTRY	Off-Road Machinery
INDICATOR TYPE	No Indicator
INDUSTRY	Industrial Manufacturing Equipment
DIVISION	Hydraulic & Industrial Process Filtration Division EMEA
APPLICATION	Forestry Equipment
TECHNOLOGY	Filtration
APPLICATION	Articulated Dump Trucks
APPLICATION	Excavators
APPLICATION	Lubrication Systems
TECHNOLOGY	Hydraulics

APPLICATION	Agricultural Machines
PRODUCT TYPE	Hydraulic Filter
OPERATING TEMPERATURE	-40 to 100 °C
BRAND	Parker
OPERATING PRESSURE	0 to 500 psi
OPERATING PRESSURE	0 to 34 bar