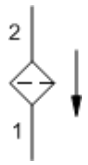
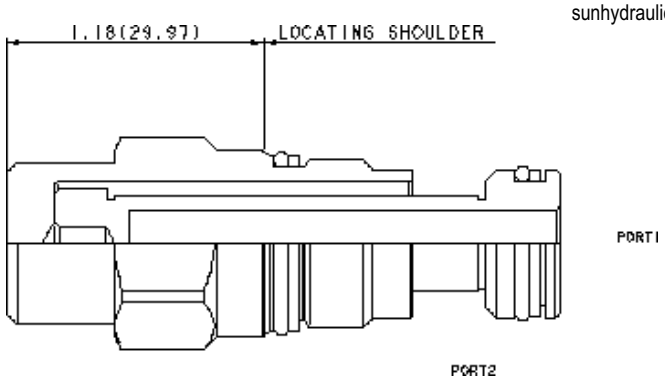
MODEL
FLDA

Filter
SERIES 1 / CAPACITY: 40 L/min. / CAVITY: T-13A

sunhydraulics.com/model/FLDA





CONFIGURATION

X	Control	Not Adjustable
D	Filter Rating	40 Micron Nominal (Surface type)
N	Seal Material	Buna-N
(none)	Material/Coating	

Sun filter elements are available as Surface Type (Last Chance) and Depth Style elements. The flow path is Port 2 to Port 1 and should not be used in reverse, even with a reverse free flow check valve installed. The elements have a high collapse pressure and are intended to be used in line with the system. Filter life will depend on initial system cleanliness and the amount of dirt ingression to the system when operating.

TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Cavity	T-13A
Series	1
Capacity	40 L/min.
Maximum Operating Pressure	350 bar
Valve Hex Size	22,2 mm
Valve Installation Torque	41 - 47 Nm
Seal kit - Cartridge	Buna: 990010007
Seal kit - Cartridge	EPDM: 990010014
Seal kit - Cartridge	Polyurethane: 990010002
Seal kit - Cartridge	Viton: 990010006
Model Weight	0.10 kg.

NOTES

See Related Accessories for replacement elements.

CONFIGURATION OPTIONS

Model Code Example: FLDAXDN

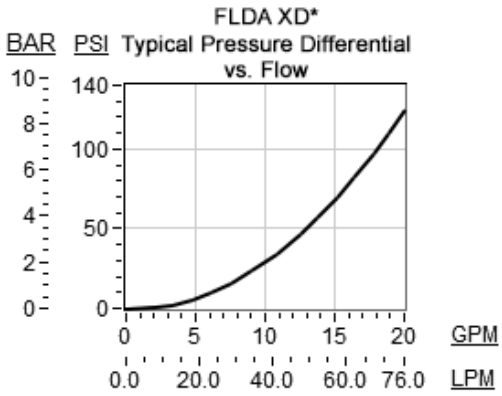
CONTROL (X)	FILTER RATING (D)	SEAL MATERIAL (N)	MATERIAL/COATING
X Not Adjustable	**D** 40 Micron Nominal (Surface type)	**N** Buna-N	Standard Material/Coating
		E EPDM	**/AP** Stainless Steel, Passivated
		V Viton	**/LH** Mild Steel, Zinc-Nickel

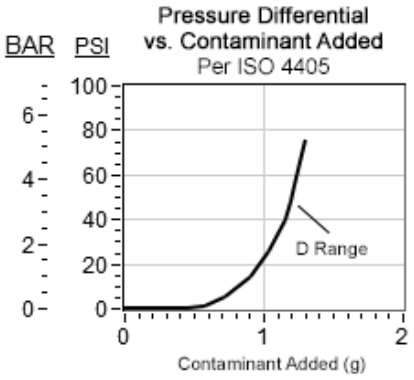
TECHNICAL FEATURES

- Differential crush pressure is 3000 psid (210 bar).
- The flow path is Port 2 to Port 1 only.
- Installation directly above the subplate will protect the entire valve stack from particles.
- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- Surface type element features a 304 stainless steel mesh media. All internal components are 304 stainless steel.
- Surface Type elements have a 40 micron nominal rating (63 micron absolute).
- Surface Type elements are designed to capture errant particles that may not be trapped in the main system filter or particles resulting from a component failure.
- With a correctly assembled system, Surface Type elements will be unnoticed during regular operation, but will provide protection from sudden component failure.
- Surface Type (Last Chance) elements have a single layer stainless steel mesh supported by perforated sheet tube.

PERFORMANCE CURVES

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