




### Features and Benefits

- Removal of oil aging products, solid particles and water
- Improvement in component lifetime
- Greater machine availability
- Less space required due to compact construction
- Very easy maintenance
- High contamination retention capacity of the elements

 Part of the Schroeder Industries 2030 Initiative

### Description

The OffLine Filter Pressure (OLF-P) is a stationary offline filter and is used to remove oil aging products, water and solid particles from hydraulic and lubrication fluids.

Thanks to its compact construction, the OLF-P is also ideally suited for use in even the smallest of installation spaces. The housings are pressure resistant up to 20 bar. Since the housing material is aluminium, the filters are also suitable for low-temperature applications.

The flow can be taken directly from the main flow through an orifice and the orifice determines the flow rate. The offline filters can also be equipped with a motor-pump unit and an inductive particle counter, as an option.

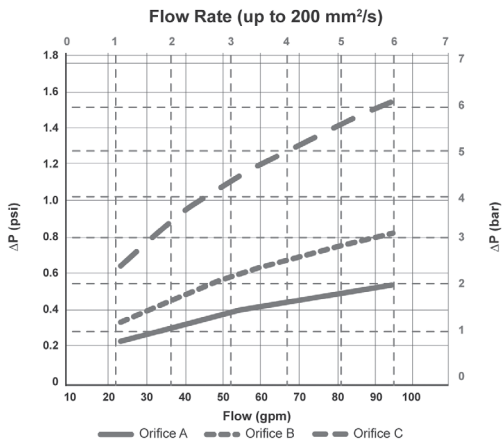
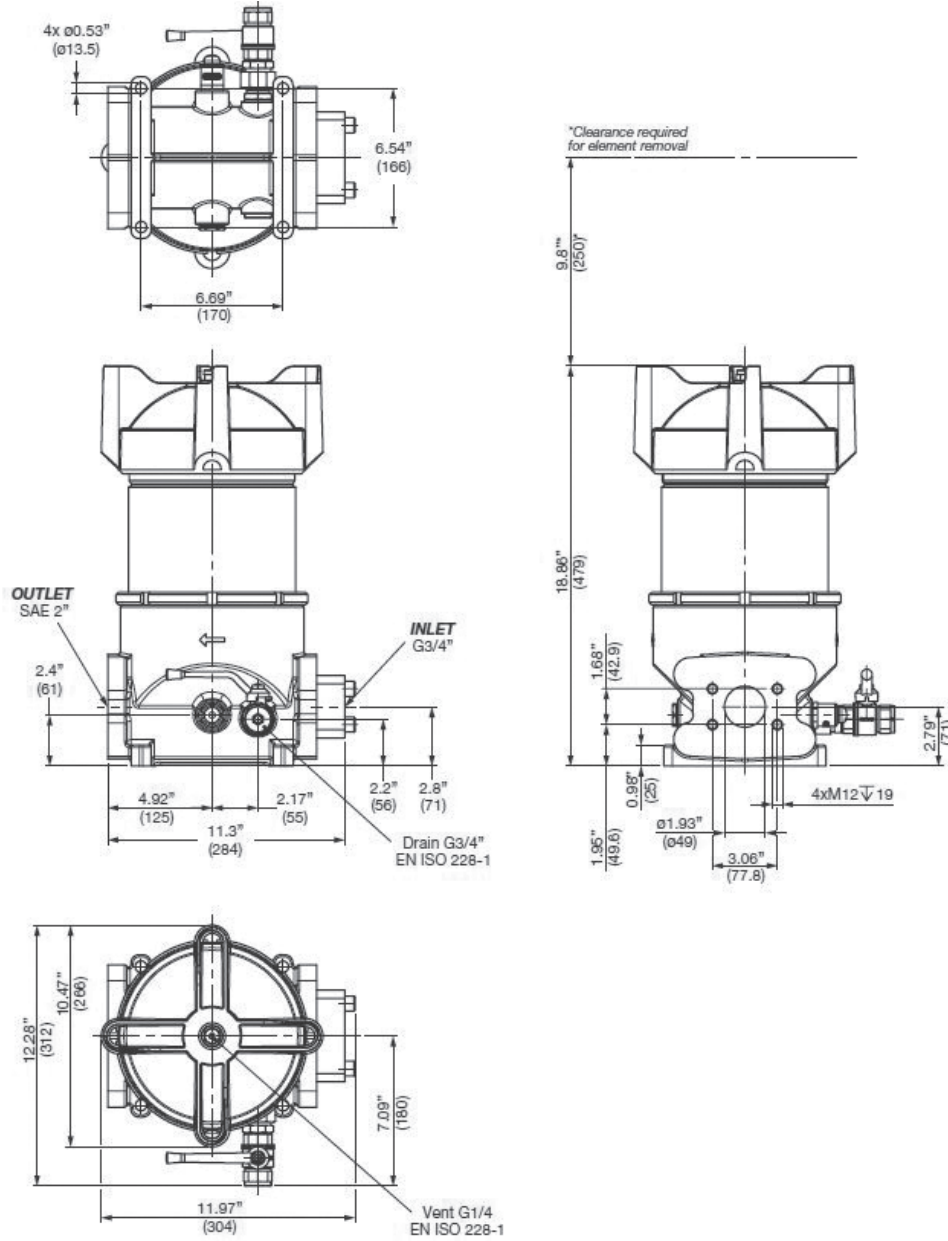
The Trimicron series of filter elements NxTMxxx have been specially developed for the combined removal of fine particles, water and oil aging products. The most modern filter materials with reliable separation characteristics and high contamination retention capacity are used for this purpose.

### Specifications

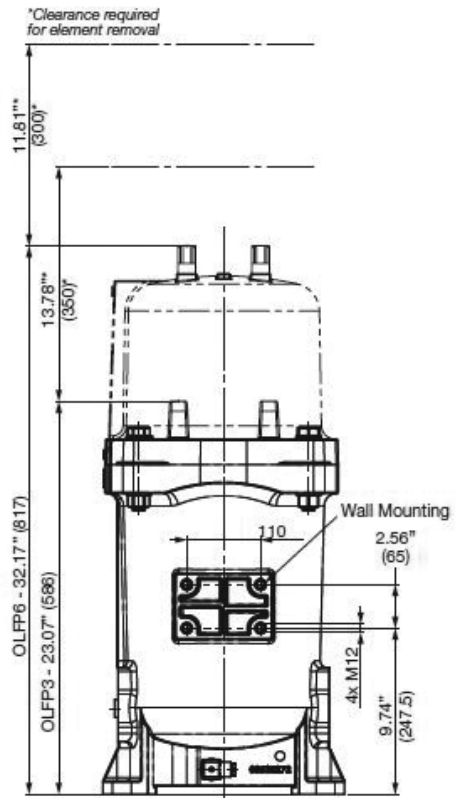
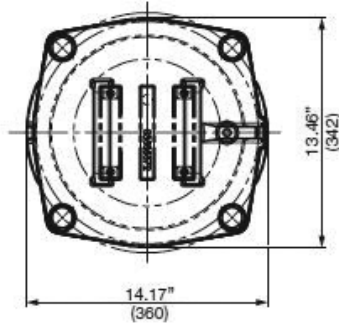
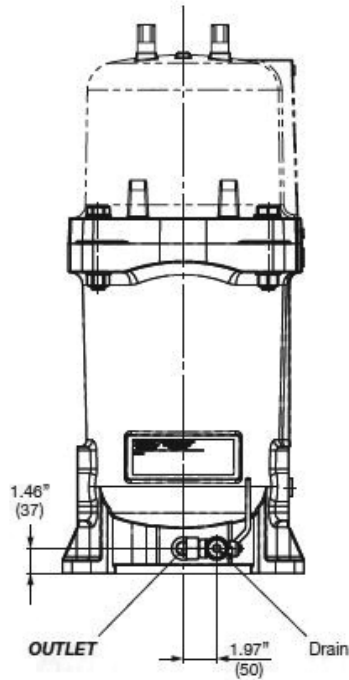
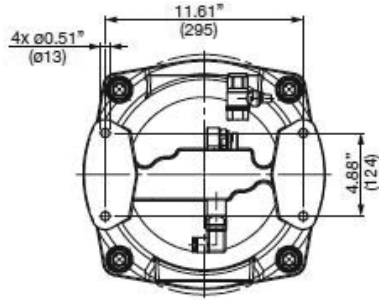
	OLF-P 1	OLF-P 3	OLF-P 6
Operating Pressure:	Max. 363 psi (25 bar)	Max. 290 psi (20 bar)	
Fluid Temp. Range:	-22° F to 176° F (-30° C to 80° C)		
Max. Operating Viscosity:	1000 cSt		
Ambient Temp. Range:	-22° F to 176° F (-30° C to 80° C)		
Survival Temp.:	-40° F (-40° C)		
Storage Temp.:	-40° F to 176° F (-40° C to 80° C)		
Head Material:	Aluminum		
Bowl Material:	Aluminum		
Seals:	FPM/NBR		
Filter Housing Content:	-2.4 gal. (-9 liters)	-7.1 gal. (-27 liters)	-11 gal. (-43 liters)
Hydraulic Port (IN/OUT):	See table "Hydraulic Connections" on next page		
Filter Element:	1 x N1TMXXX	1 x N3TMXXX	2 x N3TMXXX
Weight:	Approx. 46.3 lbs (21 kg)	Approx. 82 lbs (37 kg)	Approx. 90 lbs (41 kg)

- CS 1000
- CS 1939
- CSI-C-11
- HY-TRAX®
- RBSA
- CSM
- FCU
- MCS
- AS
- SMU
- CTU
- EPK
- Trouble Check Plus
- HMG2500
- HMG4000
- ET-100-6
- HTB
- RFSA
- HFS-BC
- HFS-15
- MFD-BC
- MFS, MFD
- HY-TRAX® Retrofit System
- MFD-MV
- MFS-HV
- AMS, AMD
- FS
- AMFS
- KLS, KLD
- MCO
- AKS, AKD
- LSN, LSA, LSW
- X Series
- OLF Compact
- OLF
- OLF-P**
- NxTM
- VEU-F
- VMU
- IXU
- Triton-A
- Triton-E
- NAV
- SVD01
- OXs
- Appendix

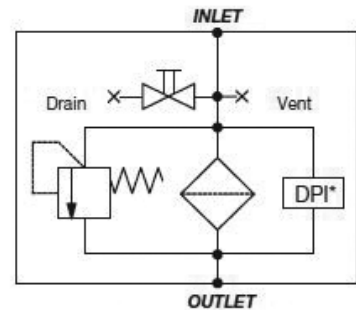
## OLFP 1



**OLFP 3/6**



**Hydraulic Schematic**



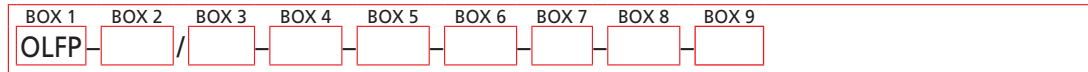
**Replacement Elements**

Model Code	Micron Rating	Part No.
N1TM003	3	3284980
N3TM003	3	3566060

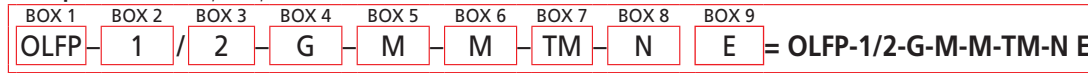
# Offline Filter System

# OLF-P

## How to Build a Valid Model Number for a Schroeder OLF-P:



**Example:** NOTE: One option per box



BOX 1	BOX 2
<b>Series</b>	<b>Size</b>
OLF-P = Offline Filter - Pressure	1 = Filter size 1 (1 x filter element N1TM003 *)
OLF-PCM = Offline Filter - Pressure with Condition Monitoring (TCM)	3 = Filter size 3 (1 x filter element N3TM003 *)
	6 = Filter size 6 (2 x filter element N3TM003 *)

BOX 3	BOX 4	BOX 5
<b>Flow Rate</b>	<b>Type of Pump</b>	<b>Motor</b>
2 = 0.53 gpm (2 L/min)	O = with orifice	M = 230 V/50 Hz/1 Phase/0.37 kW
3 = 0.79 gpm (3 L/min)	G = gear pump	N = 400 V/50 Hz/3 Phase/0.37 kW
6 = 1.59 gpm (6 L/min)	Z = without	AB = 690 V/50 Hz/1 Phase/0.37 kW
Z = variable (without pump)		X = Other voltages
		N60, M60 = Operation at 60 Hz
		Z = Without electric motor

BOX 6	BOX 7	BOX 8	BOX 9
<b>Contamination Monitoring</b>	<b>Element Type</b>	<b>Sealing Material</b>	<b>Clogging Indicator</b>
M = TMS Metallic Sensor	TM = Trimicron	N = NBR	E = Standard, back-pressure indicator
A = TWS Water Sensor		F = FPM	B = Differential pressure indicator, visual (VM2BM.x)
Z = Omit			C = Differential pressure indicator, electrical (VM2C.x)
			D3 = Differential pressure indicator, visual/electrical (VM2D.x)
			D38 = Differential pressure indicator, visual/electrical (VL x GW.0 /-V-113)
			Z = Omit

## Model Number Selection

- CS 1000
- CS 1939
- CSI-C-11
- HY-TRAX®
- RBSA
- CSM
- FCU
- MCS
- AS
- SMU
- CTU
- EPK
- Trouble Check Plus
- HMG2500
- HMG4000
- ET-100-6
- HTB
- RFSA
- HFS-BC
- HFS-15
- MFD-BC
- MFS, MFD
- HY-TRAX® Retrofit System
- MFD-MV
- MFS-HV
- AMS, AMD
- FS
- AMFS
- KLS, KLD
- MCO
- AKS, AKD
- LSN, LSA, LSW
- X Series
- OLF Compact
- OLF
- OLF-P**
- NxTM
- VEU-F
- VMU
- IXU
- Triton-A
- Triton-E
- NAV
- SVD01
- OXS