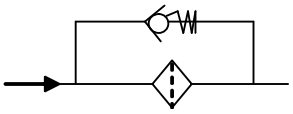
OMTP Series

Return Line Filters

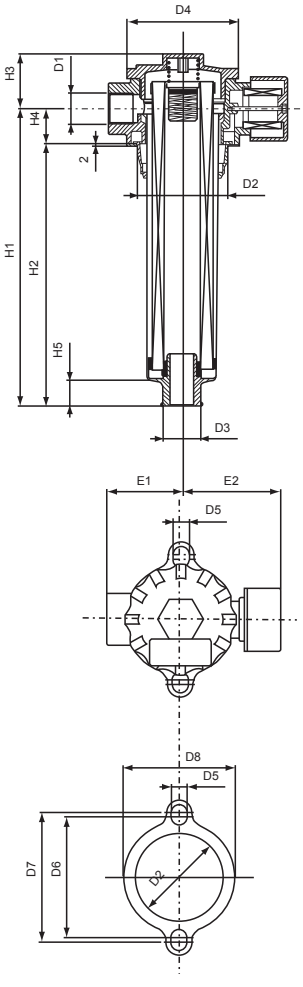
Features

OMTP are a series of return line in-tank filters. The range has two sizes with nominal flows up to 150 litres/minute.
These filters are flanged on the top of the reservoir and have a by-pass valve and air breather (10µm and 40µm) as standard, aimed to filter the air exchanged with the environment.
Filter elements are manufactured with the most advanced materials, in order to grant a high filtration efficiency and duration.

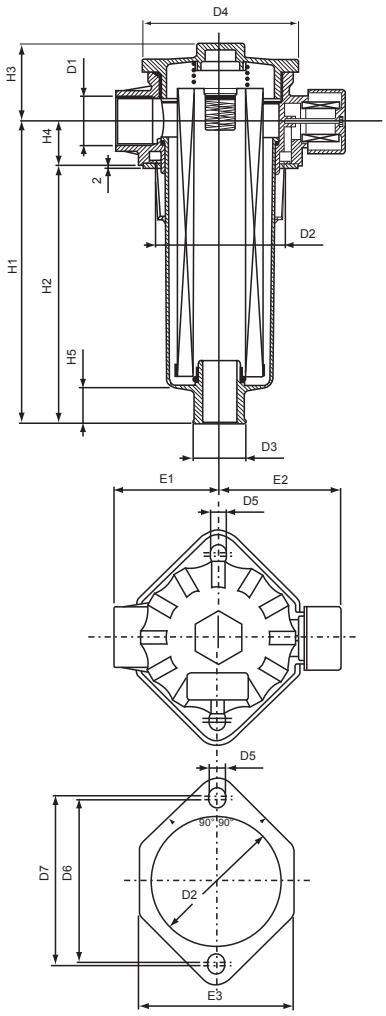


Dimensional Details

OMTP20



OMTP100 1-2-3



Dimensions (mm)

Type	D1	D2	D3	D4	D5	D6	D7	D8	H1	H2	H3	H4	H5	E1	E2	E3
OMTP20	1/2” 3/4”	min.60 max.63	28	75	11	82	88	77	202	178	41	24	16	50	70	-
OMTP100-1	3/4” 1”	min.87 max.91	36	104	11	110	115	-	140	110	60	30	22	70	83	103
OMTP100-2									205	175						
OMTP100-3									305	275						

Pressure Drop

The pressure drop of the complete filter is calculated by adding the pressure drop of the housing to that of the filter element.

Pressure drops in the housing

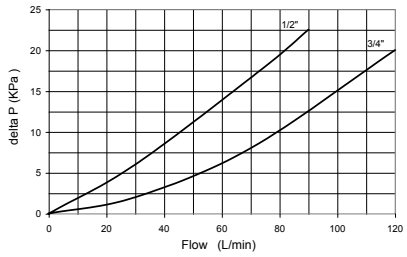
The graphs refer to the use of mineral oil with a mass density of 860 kg/m^3. The pressure drop is proportional to the variations of mass density.

Pressure drops in the filter elements

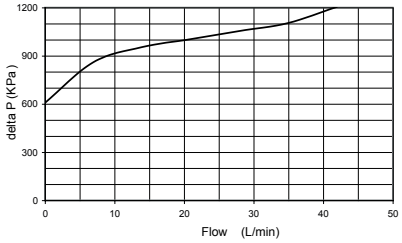
The graphs refer to mineral oil with a kinematic viscosity of 30 cSt. The variation of the pressure drop is proportional to the kinematic viscosity.

OMTP Series 20

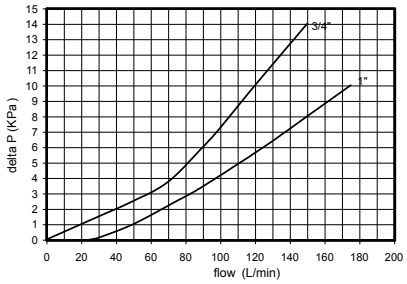
ΔP HOUSINGS



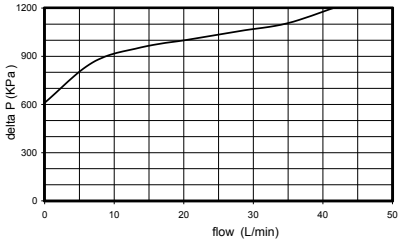
BY-PASS



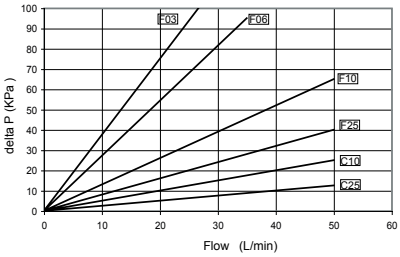
ΔP HOUSINGS



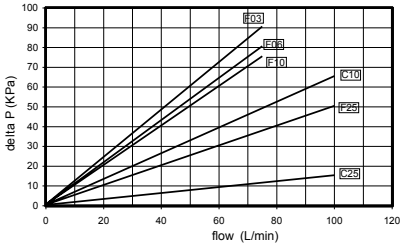
BY-PASS



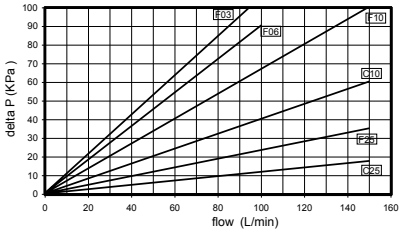
ΔP ELEMENTS



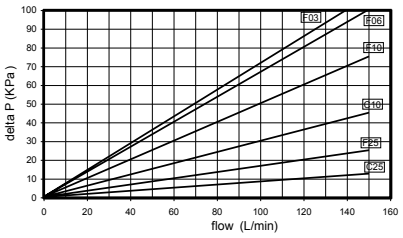
OMPTR101 ΔP ELEMENTS



OMPTR101 ΔP ELEMENTS

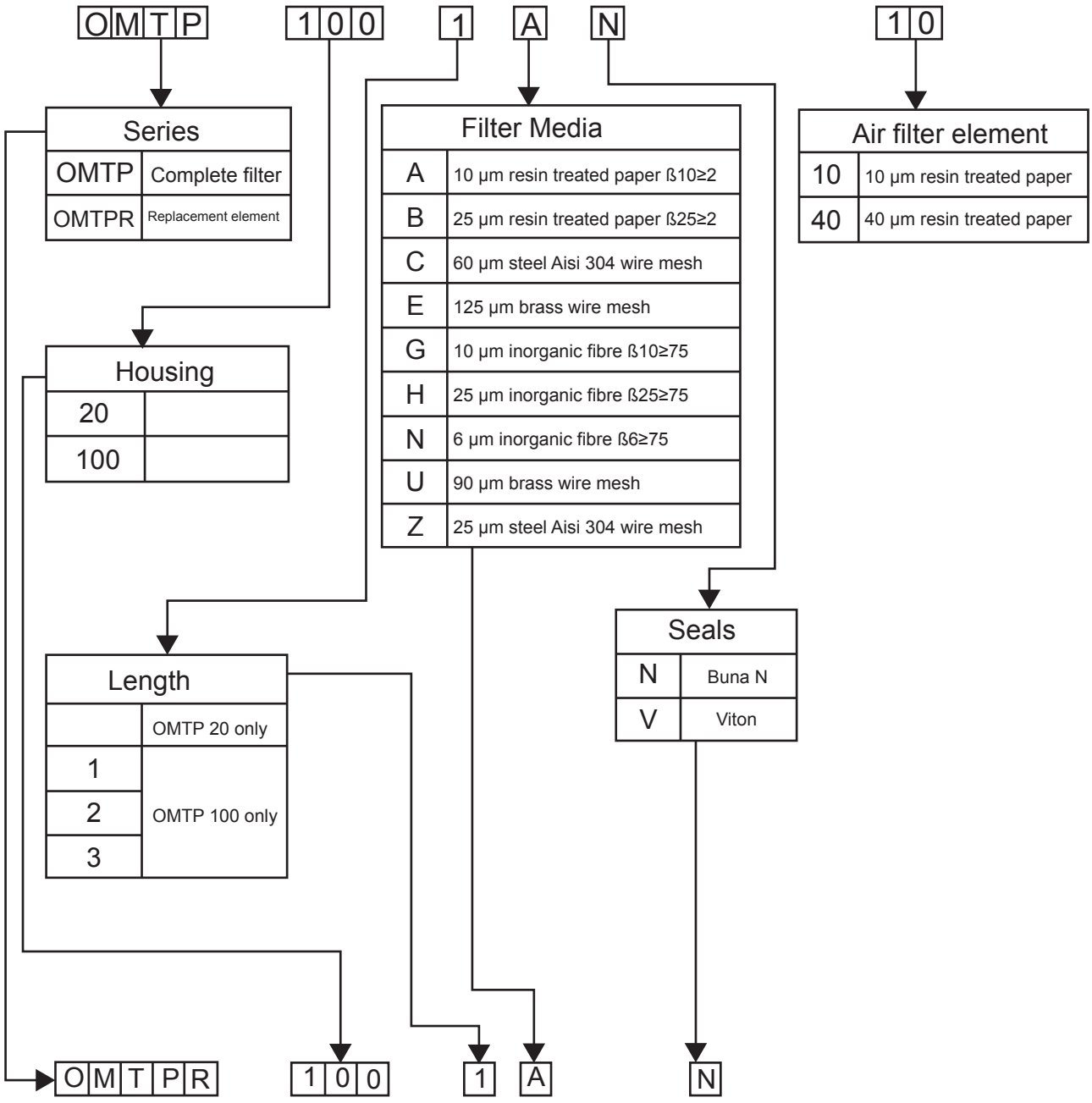


OMPTR101 ΔP ELEMENTS



How To Order

COMPLETE FILTER



REPLACEMENT ELEMENT