

TECNOCRYO PRESSURE FILTER TCR100 1/4"-3/4"



TCR100 Standard Series 1/4" to 3/4"

FILTER

Stainless steel

OIL & GAS



TCR 100 | STANDARD SERIES FROM 1/4" TO 3/4", 100 BAR

Stainless steel 316 L filters designed and manufactured for heavy-duty applications. Completely made of stainless steel 316 L, they are compatible with all liquids and gases

APPLICATIONS:

- Pharmaceutical industry;
- Chemical industry;
- Oil & gas and Off Shore applications;
- Food industry;

FEATURES:

- Particular attention to the low level of roughness of surfaces, to grant high standard of cleaning;
- Compatible for use in aggressive environment;
- Suitable for extreme temperatures (-60°C), critical environments, hazardous applications;
- Suitable to be cleaned and sanitized by the most common processes;

MATERIALS

Body, bonnet	316L stainless steel
Bowl	316L stainless steel
Seals	NBR - EPDM - FKM - Silicone
Internal parts	316L stainless steel
Filter element	Stainless steel 316L (5 µm, 25 µm, 50 µm or coalescent 0.01µm)

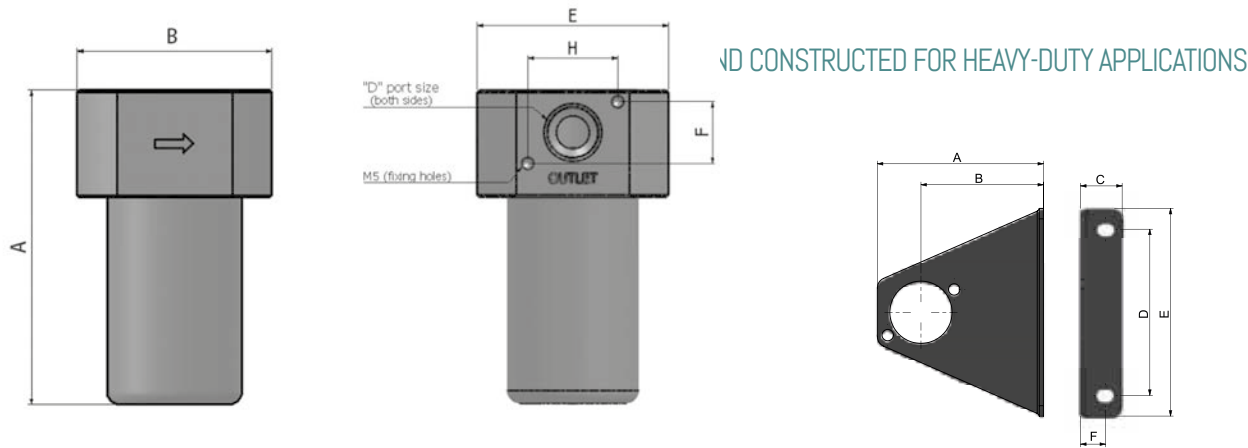
TECHNICAL DATA

	1/4"-3/8"	1/2" - 3/4"
Port thread	1/4" BSPP F - 1/4" NPT F	1/2"-3/4" BSPP F - 1/2"-3/4" NPT F
P. max Inlet	100 Bar / 1450 Psi no drain (50 bar Temp > 80°C)	
Flow rate *)	260 Nm ³ /h - 4400 dm ³ /min	350 Nm ³ /h - 5900 dm ³ /min
Weight	1.6kg/3lb	2.3kg/5lb
Working temp.	-25°C to +110°C (HNBR) / -50°C to +130°C (EPDM) -60°C to +230°C Silicone / -20°C +200°C FKM (optional)	
Conformity to Directives	94/9/EC ATEX - ASTM A182 Nace MR0.175	

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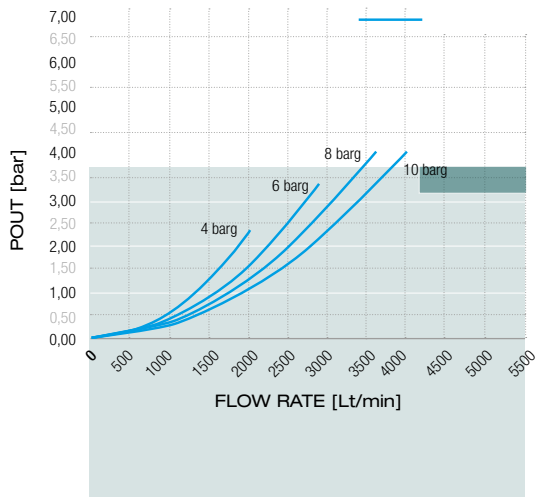
SIZE

1/4"	108	60	-	1/4"	60	11	-	28	-
1/2"-3/4"	111	68	-	1/2"-3/4"	68	22	-	32	-

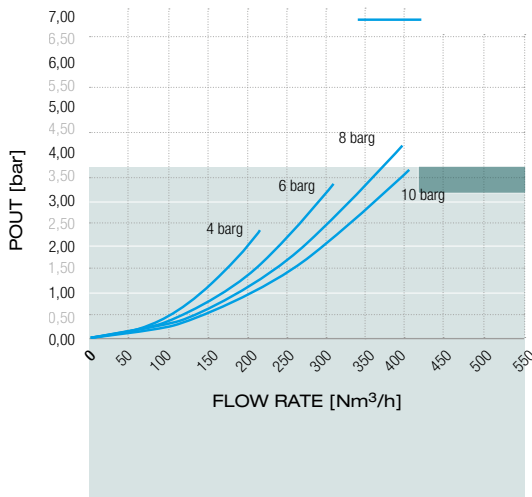
SIZE

1/4"	88	59	20	80	100	12
1/2"-3/4"	88	59	20	80	100	12

FLOW RATE Series TCR60 Filter 1/4"



FLOW RATE Series TCR60 Filter 1/2"



OPTIONALS

- Bracket
- Flanges
- Coalescing microfilter 0.01µm
- Oring Kalrez®

NOTE



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Manderlay Gardens
Emley
West Yorkshire
HD8 9TY

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