

Tank with return filter

TmR



CHARACTERISTICS FEATURES

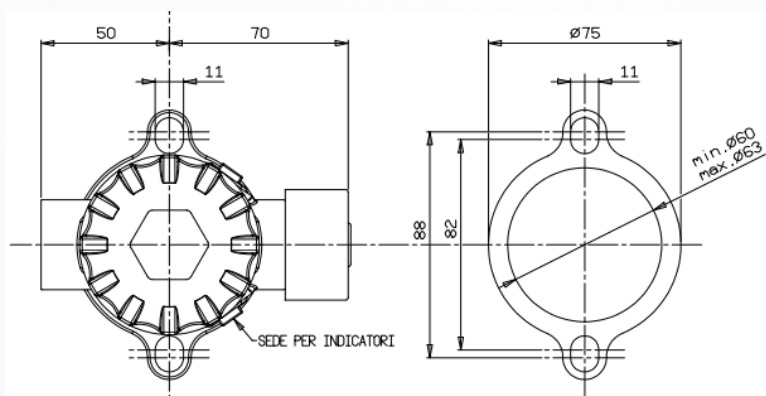
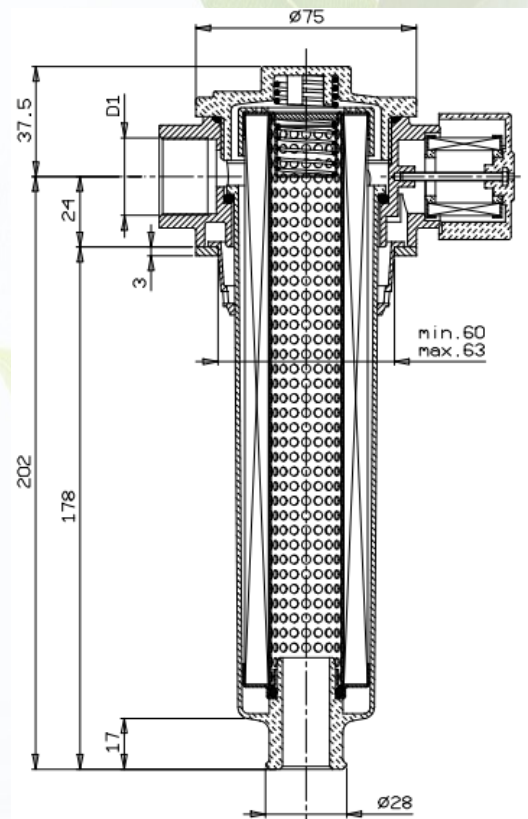
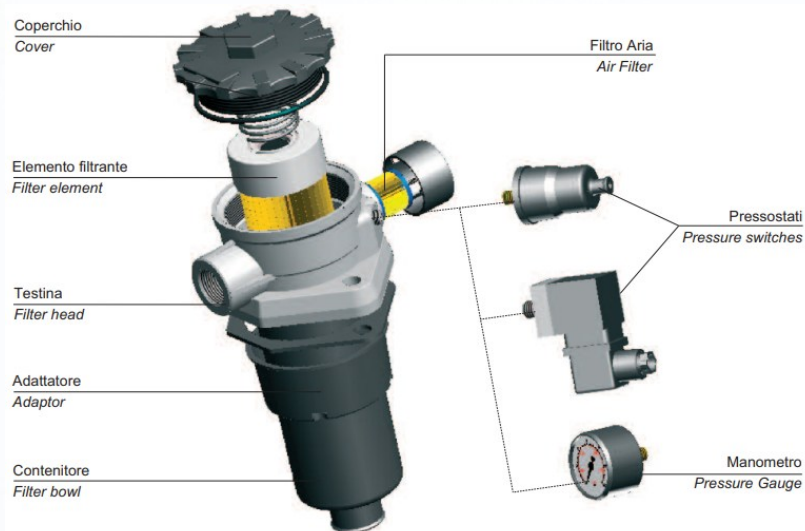
- 1/2" connection
- Multiple tank sizes (3-10L)
- 10 µm filter element

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Filter unit (OMTP 020)



MATERIALS (housing)

Filter head	Aluminium die-casting
Filter bowl	Glass reinforced nylon
Cover	Glass reinforced nylon
Seals	N: Nitrile (Buna-N) V: Fluoroelastomer (viton)
By-pass valve	Nitrile (Buna-N)

MATERIALS (filter elements)

End caps	Galvanized sheet iron
Support tube	Galvanized sheet iron
Support mesh	Galvanized steel with epox coating

SETTI FILTRANTI / FILTRATION MATERIALS

Elementi filtranti Filter elements	Descrizione Description	Materiale Material	Grado di filtrazione (µm) Filtration (µm)	Rapporto B / B Ratio	
				ISO 4572 Bx≥200	ISO 16889 Bx(c)≥200
C10	Carta trattata / Treated paper	Fibre di cellulosa / Cellulose fibre	10	-	-

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Filter unit (OMTP 20) — PERFORMANCE DATA

WORKING CONDITIONS

Filter pressure	Max working pressure:
	1.000.000 Pa (10 bar)
	Test pressure:
	2.000.000 Pa (20 bar)
Working temperature	Bursting pressure:
	3.000.000 Pa (30 bar)
Collapse pressure (filter element)	-20 to +90°C
	500.000 Pa (5 bar)
By-pass valve setting pressure	150.000 Pa (1.5 bar)
Compatibility with hydraulic fluids ISO 2943	Compatible with mineral oils type (HH, HM, HR, HV, HG according to ISO 6743/4)

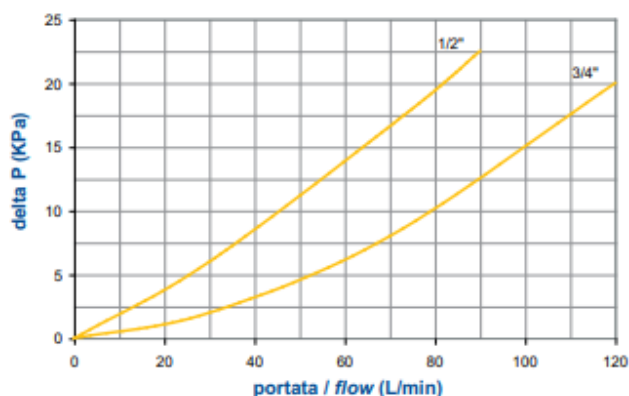
PORTATE CONSIGLIATE RECOMMENDED FLOWS

OMTP	Elemento filtrante Filter element	Portata (L/min) Flow (L/min)	Peso (kg) Weight (kg)
020	C10	35	0,44

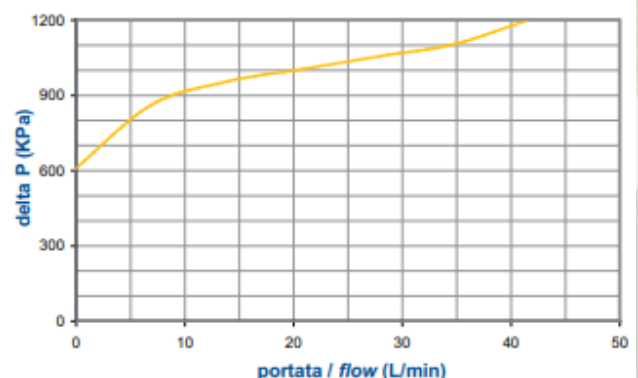
FILTRATION AREA (cm²) FILTER ELEMENTS

OMTPR	20
C10 - C25	870

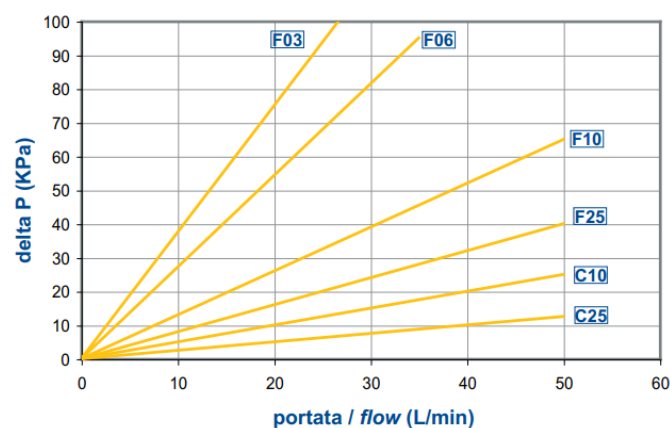
ΔP CORPI / ΔP HOUSINGS



BY-PASS / BY-PASS



ΔP ELEMENTI



ΔP ELEMENTS

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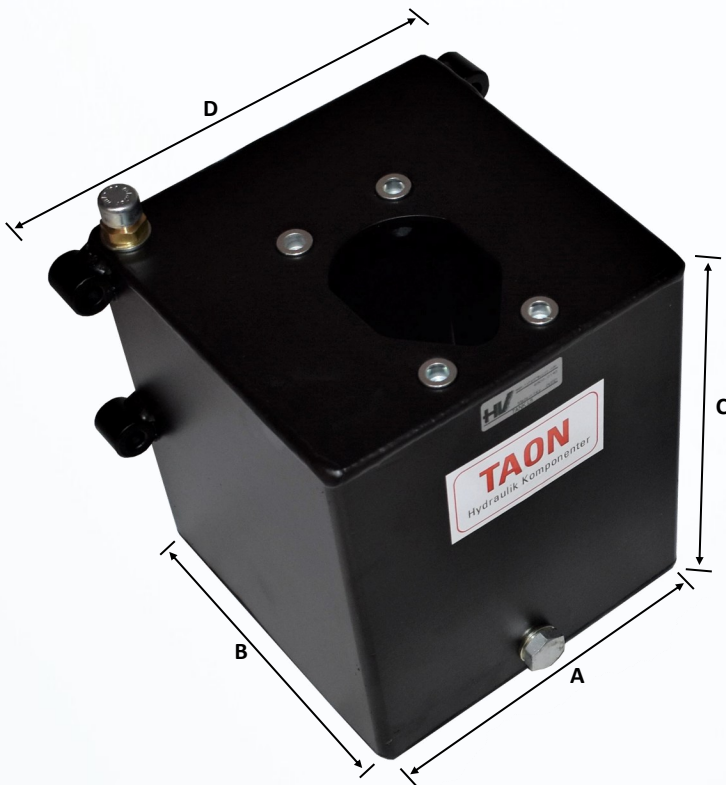
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Tank— DATA



CAPACITY L	A mm	B mm	C mm	D mm
1	100	150	120	120
2	100	150	185	120
3	100	150	255	120
5	175	175	200	195
7	175	175	275	195
10	175	175	380	195

	MODEL	CAPACITY L	DIMENSIONS mm	SUCTION PIPE mm	WEIGHT kg
Steel	S1 ac	1	100x150x120	Ø10x85	2,2
	S2 ac	2	100x150x185	Ø10x114	3,0
	S3 ac	3	100x150x255	Ø10x180	3,7
	S5 ac	5	175x175x200	Ø10x156	5,3
	S7 ac	7	175x175x275	Ø10x215	6,6
	S10 ac	10	175x175x380	Ø10x325	8,3
Stainless Steel AISI-316	S3AISI316	3	100x150x255	Ø10x180	3,5
	S5AISI316	5	175x175x200	Ø10x156	5,0

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