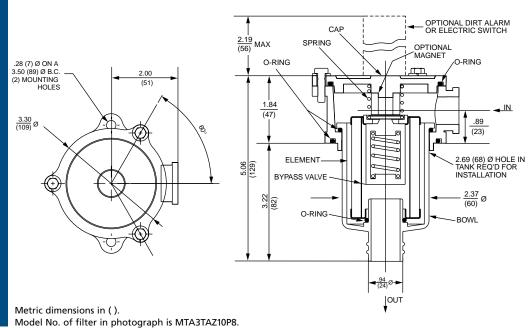
# **MTA** MiniMiser Tank-Mounted Filter

### 15 gpm 55 L/min 100 psi 7 bar





#### Filter Housing Specifications

Flow Rating:	Up to 15 gpm (55 L/min) for 150 SUS (32 cSt) fluids
Max. Operating Pressure:	100 psi (7 bar)
Min. Yield Pressure:	269 psi (18 bar)
Rated Fatigue Pressure:	Contact factory
Temp. Range:	-20°F to 225°F (-29°C to 107°C)
Bypass Setting:	Cracking: 25 psi (2 bar) Full Flow: 48 psi (3.3 bar)
Porting Head & Cap: Element Case:	Die Cast Aluminum Glass Filled Nylon
Weight of MTA-3:	1.0 lbs. (0.5 kg)
Element Change Clearance:	3.0" (76 mm)

#### Element Performance Information

		ng Per ISO 4572/I rticle counter (APC) cali		Abs. Rating wrt ISO 16889 Using APC calibrated per ISO 11171		Dirt Holding
Element	$B_x \ge 75$	$B_x \ge 100$	$B_x \ge 200$	$ m eta_x(c) \geq 200$	$B_{x}(c) \geq 1000$	Capacity gm
3TA10	15.5	16.2	18.0	N/A	N/A	N/A
3TAZ3	<1.0	<1.0	<2.0	4.7	5.8	4
3TAZ5	2.5	3.0	4.0	6.5	7.5	4
3TAZ10	7.4	8.2	10.0	10.0	12.7	4
3TAZ25	18.0	20.0	22.5	19.0	24.0	4

Element Collapse Rating: 150 psid (10 bar)
Flow Direction: Outside In

Element Nominal Dimensions: 2.0" (51 mm) O.D. x 3.0" (76 mm) long

Fluid Compatibility Type Fluid Appropriate
Petroleum Based Fluids All Paper (E)

**Appropriate Schroeder Media**All Paper (E) and Synthetic (Z) media

For more information, refer to Fluid Compatibility: Fire Resistant Fluids, pages 19 and 20.

## MiniMiser Tank-Mounted Filter MTA



■ Cost effective alternative to spin-on filters. ■ Compact size minimizes space requirements.

■ Special filter design provides aftermarket benefits.

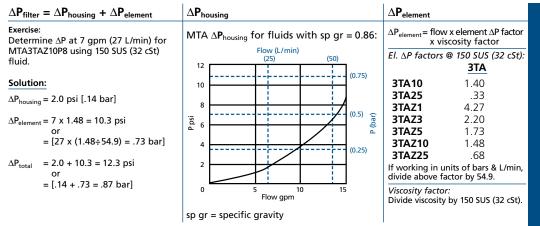
**Features** 

Pressure		nent Part No.	Element selections are predicated on the use of 150 SUS (32 cSt) petroleum based fluid and a 25 psi (1.7 bar) bypass valve.			
Return Line Tank- Mounted	Е	10	3TA10 See MTB			
		25	3TA25			
	Z	Z3	3TAZ3	See MTB		
		Z5	3TAZ5	See MTB		
		Z10	3TAZ10 See MT		See MTB	
		Z25	3	3TAZ25		See MTB
	Flow	gpm C	5		10	15
		(L/min) C	) (25	i)	(5	0)

Element Selection Based on Flow Rate

MTA

Shown above are the elements most commonly used in this housing.



**Pressure** Drop Information Based on Flow Rate

and Viscosity

Sizing of elements should be based on element flow information provided in the Element Selection chart above.

Filter	Element Part No.		Optional		Dirt Alarm <sup>®</sup> (See Appendix A for	Filter MAF1
Series	Length	Media	Magnet	Porting Options	complete list of options)	Model Number MF2 Selection
МТА		TA10 TA25 TAZ3 TAZ5 TAZ10 TAZ25	(Omit) = None M = Magnet	P8 = ½" NPTF  S8= ¾"-16 SAE Straight (SAE-8)  B8= IS) 228 G-½ (½-14 BSPP)	Y2C = Bottom Mounted Gauge in Cap  Y5 = Back Mounted Gauge in Cap	KF3
	3"					LF1—2"
					ESC = Electrical Pressure Switch	MLF1
					(2 Terminals)	SRLT
						RLT
						KF8

See Appendix B for additional information on these options and instructions on how to order.

Other **Available Options**