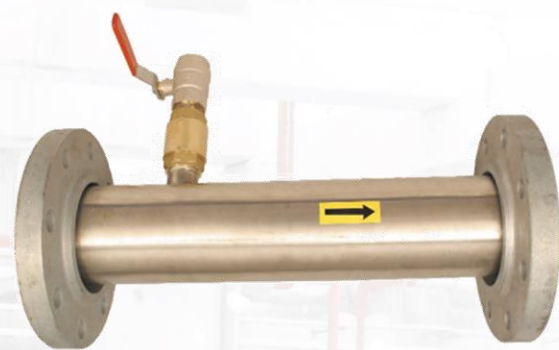




Product name	MI-80, 100, 150
Description	Zasysacz liniowy do stałych instalacji gaśniczych
Manufacturer	SKUM
Revision	1.0/2024

ASK ABOUT THE PRODUCT

1. Description

The stationary inline inductor injects foam agent into a water stream. The inductor can handle high counter pressures, allowing a long distance from the injection point to the foam applicator.

2. Application

An inline inductor is designed for use in fixed flow foam systems such as low, medium, and high-expansion foam systems, water and foam deluge systems, and monitors.

3. Product Features

- Light weight corrosion resistant all stainless steel construction with hot-dipped galvanized slip-on flanges
- Factory calibrated to any flow and pressure in the range
- Specifically designed for low percentage admixture
- Low main stream pressure loss
- Foam induction up to 6%
- Integrated suction check valve
- MI series ranges from 800 Lpm at 5 bar (211 gpm at 73 psi) to 12,000 Lpm at 16 bar (3,170 gpm at 232 psi) inlet pressure
- Replaceable internal parts for future system changes
- Suction height up to 3.5 m (11.5 ft)
- Installation in any vertical or horizontal position

4. Connections

- Water/Foam inlet: flanged to fit DIN PN16 or ANSI 150 lb
- Factory calibrated to any flow and pressure in the range
- Foam inlet ball valve: screw threaded BSP Female
- Foam concentrate suction hose

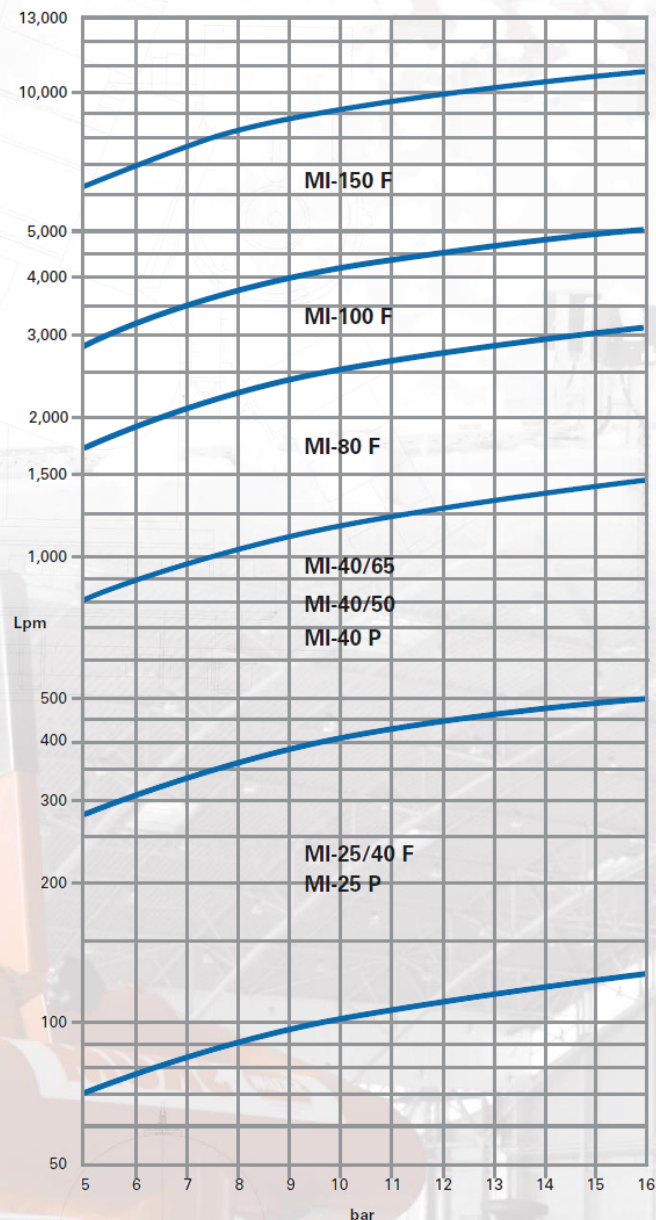
5. Listings and Approvals

- Russian Maritime Register of Shipping (RMRS)

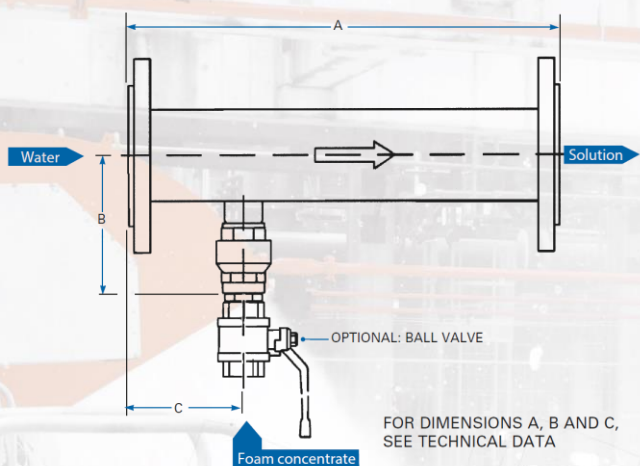
6. Installation

- A minimum of five nominal pipe diameters of straight pipe upstream and downstream of the inline inductor shall be used.

7. Capacity Range for Inline Inductors



Note: 6% induction is not available for all flows. See the Technical Data table.



8. Ordering Information

Part No.	Description
121708149	MI-80 F DIN 1 in. BSP
121708156	MI-80 F V DIN 1 in. BSP
121708170	MI-80 F V DIN 1 in. BSP 3% to 6%
121708244	MI-80 F ANSI 1 in. BSP
121708251	MI-80 F V ANSI 1 in. BSP
121708265	MI-80 F ANSI 1 in. BSP 3% to 6%
121710048	MI-100 F DIN/ANSI 1 1/4 in. BSP
121710055	MI-100 F V DIN/ANSI 1 1/4 in. BSP
121715446	MI-150 F DIN/ANSI 2 in. BSP
121715453	MI-150 F V DIN 2 in. BSP

9. Technical Data

INLINE INDUCTOR SKUM MI SERIES		MI-80 F	MI-100 F	MI-150 F
Working pressure		Max 16 bar (232 psi)	Max 16 bar (232 psi)	Max 16 bar (232 psi)
Proportioning		Max 6%	Max 6%	Max 6%
Approximate pressure drop		30-35%	30-35%	30-35%
Total capacity at 16 bar (232 psi)	1% to 3%	Max 3150 L/min (832 gal/min)	Max 5100 L/min (1347 gal/min)	Max 12500 L/min (3300 gal/min)
	6%	Max 1600 L/min (423 gal/min)	Max 2550 L/min (674 gal/min)	Max 6250 L/min (1651 gal/min)
Connection	Water	80 DIN PN 16 lub 3" ANSI 150 lb	100 DIN PN 16 fit for 4" ANSI 150 lb	150 DIN PN 16 fit for 6" ANSI 150 lb
	Foam	Gwint zewnętrzny 1" BSP do 156 L/min (do 41 gal/min)	Gwint zewnętrzny 1 1/4" BSP do 300 L/min (do 79 gal/min)	Gwint zewnętrzny 2" BSP do 720 L/min (do 190 gal/min)
Dimensions	A	312 mm (12.3")	490 mm (19.3")	565 mm (22.2")
	B	145 mm (5.7")	157 mm (6.2")	203 mm (8.0")
	C	84 mm (3.3")	130 mm (5.1")	136 mm (5.4")
Weight		10 kg (22 lb)	19 kg (42 lb)	28 kg (62 lb)
Material	Body	Stainless steel	Stainless steel	Stainless steel
	Nozzle and diffuse	Polypropylene	Polypropylene	Polypropylene
	Flange	Galvanized steel	Galvanized steel	Galvanized steel
	Foam conc. check valve	Brass	Brass	Brass