MSLI

Displacement liquid foam proportioning unit for variable flowrate MSLI type

- with vertical tank in welded carbon steel, capacity 450 lt to 12.000 lt,
  with manhole,
  dimensioned according the European Standard 97/23/CE “PED” for working pressure 10 bar,
  design pressure 12 bar and test pressure 18 bar,
  with internal Hypalon membrane,
  with internal distribution and stabilizing pipes in stainless steel,
  with tank pressure indicator, safety valve and metallic plate with technical data of the unit,
- complete of all necessary accessories for the proper operation of the unit,
- level indication with ball valves along the side of the tank,
  (optionally level indication with flowmeter on the water inlet line to the tank),
- foam proportioning pipe for variable flowrate in welded carbon steel,
  DN flanged ANSI 150 lbs R.F. (alternative DIN PN 16),
- connecting line and valves between proportioner and tank (water inlet line) in carbon steel,
- connecting line and valves between tank and proportioner (foam compound outlet line) in stainless steel AISI 304,
  with internal Venturi nozzle in stainless steel for flowrate Q = 200÷19.200 lt/min.,
  with pressure gauges on the proportioning pipe for visualization of the pressure upstream and downstream the Venturi nozzle,
  with foam compound admixing percentage regulating valve 0÷6%,
- external protective painting: sandblasting SA 2,5,
  n.1 epoxy rich primer coat d.f.t.=60µ,
  n.2 final epoxy enamel coats red RAL 3000, d.f.t. =45µ each,
  total d.f.t. =150µ
- internally protected execution for agressive foam compounds,
  with internal protective painting: sandblasting SA 3,
  n.1 epoxy rich primer coat d.f.t.=60µ,
  n.1 final epoxy coat, d.f.t. =40µ,
  total d.f.t. =100µ

<u>Optionally:</u>

-electric refilling pump mounted on the proportioner and complete with connecting piping

ANSI 150 lbs R.F. flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSLI 0K6/3”	0473206410	600	3”	200 ÷ 1600	450	04700414
MSLI 1K0/4”	0473210510	1000	4”	200 ÷ 1600	500	04700818
MSLI 1K5/4”	0473215510	1500	4”	200 ÷ 1600	650	04701009
MSLI 2K0/6”	0473220610	2000	6”	400 ÷ 3200	800	04701214
MSLI 2K5/6”	0473225610	2500	6”	400 ÷ 3200	900	04701407
MSLI 3K0/8”	0473230710	3000	8”	800 ÷ 6400	950	04701609
MSLI 4K0/8”	0473240710	4000	8”	800 ÷ 6400	1300	04702007
MSLI 5K0/10”	0473250810	5000	10”	1200 ÷ 9600	1700	04702407
MSLI 6K0/10”	0473260810	6000	10”	1200 ÷ 9600	1900	04702811
MSLI 7K0/12”	0473270910	7000	12”	1600 ÷ 12800	2300	04703207
MSLI 10K0/14”	0473291110	10000	14”	2400 ÷ 19200	3000	04704409
MSLI 12K0/14”	0473293110	12000	14“	2400 ÷ 19200	3800	04705207
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSLI 0K6/3”	0473206420	600	DN 80	200 ÷ 1600	450	04700415
MSLI 1K0/4”	0473210520	1000	DN 100	200 ÷ 1600	500	04700819
MSLI 1K5/4”	0473215520	1500	DN 100	200 ÷ 1600	650	04701008
MSLI 2K0/6”	0473220620	2000	DN 150	400 ÷ 3200	800	04701221
MSLI 2K5/6”	0473225620	2500	DN 150	400 ÷ 3200	900	04701408
MSLI 3K0/8”	0473230720	3000	DN 200	800 ÷ 6400	950	04701608
MSLI 4K0/8”	0473240720	4000	DN 200	800 ÷ 6400	1300	04702004
MSLI 5K0/10”	0473250820	5000	DN 250	1200 ÷ 9600	1700	04702408
MSLI 6K0/10”	0473260820	6000	DN 250	1200 ÷ 9600	1900	04702812
MSLI 7K0/12”	0473270920	7000	DN 300	1600 ÷ 12800	2300	04703208
MSLI 10K0/14”	0473291120	10000	DN 350	2400 ÷ 19200	3000	04704408
MSLI 12K0/14”	0473293120	12000	DN 350	2400 ÷ 19200	3800	04705208