MSL/EI

Displacement liquid foam proportioning unit for variable flowrate MSL/EI 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

Optionally:

-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.
MSL/EI 450/3”	0470203410	450	3”	200 ÷ 1600	400	04720318
MSL/EI 0K6/3”	0470206410	600	3”	200 ÷ 1600	450	04720408
MSL/EI 1K0/4”	0470210510	1000	4”	200 ÷ 1600	500	04720823
MSL/EI 1K5/4”	0470215510	1500	4”	200 ÷ 1600	650	04721031
MSL/EI 2K0/6”	0470220610	2000	6”	400 ÷ 3200	800	04721218
MSL/EI 2K5/6”	0470225610	2500	6”	400 ÷ 3200	900	04721421
MSL/EI 3K0/8”	0470230710	3000	8”	800 ÷ 6400	950	04721624
MSL/EI 4K0/8”	0470240710	4000	8”	800 ÷ 6400	1300	04722022
MSL/EI 5K0/10”	0470250810	5000	10”	1200 ÷ 9600	1700	04722408
MSL/EI 6K0/10”	0470260810	6000	10”	1200 ÷ 9600	1900	04722826
MSL/EI 7K0/12”	0470270910	7000	12”	1600 ÷ 12800	2300	04723209
MSL/EI 10K0/14”	0470291110	10000	14”	2400 ÷ 19200	3000	04724405
MSL/EI 12K0/14”	0470293110	12000	14“	2400 ÷ 19200	3800	04725204
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL/EI 450/3”	0470203420	450	DN 80	200 ÷ 1600	400	04720319
MSL/EI 0K6/3”	0470206420	600	DN 80	200 ÷ 1600	450	04720407
MSL/EI 1K0/4”	0470210520	1000	DN 100	200 ÷ 1600	500	04720807
MSL/EI 1K5/4”	0470215520	1500	DN 100	200 ÷ 1600	650	04721032
MSL/EI 2K0/6”	0470220620	2000	DN 150	400 ÷ 3200	800	04721217
MSL/EI 2K5/6”	0470225620	2500	DN 150	400 ÷ 3200	900	04721423
MSL/EI 3K0/8”	0470230720	3000	DN 200	800 ÷ 6400	950	04721625
MSL/EI 4K0/8”	0470240720	4000	DN 200	800 ÷ 6400	1300	04722024
MSL/EI 5K0/10”	0470250820	5000	DN 250	1200 ÷ 9600	1700	04722407
MSL/EI 6K0/10”	0470260820	6000	DN 250	1200 ÷ 9600	1900	04722827
MSL/EI 7K0/12”	0470270920	7000	DN 300	1600 ÷ 12800	2300	04723208
MSL/EI 10K0/14”	0470291120	10000	DN 350	2400 ÷ 19200	3000	04724406
MSL/EI 12K0/14”	0470293120	12000	DN 350	2400 ÷ 19200	3800	04725205