MSL/OI

Displacement liquid foam proportioning unit for variable flowrate MSL/OI type

- with horizontal 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/OI 1K0/4”	0471910510	1000	4”	200 ÷ 1600	500	04740820
MSL/OI 1K5/4”	0471915510	1500	4”	200 ÷ 1600	650	04741007
MSL/OI 2K0/6”	0471920610	2000	6”	400 ÷ 3200	800	04741209
MSL/OI 2K5/6”	0471925610	2500	6”	400 ÷ 3200	900	04741409
MSL/OI 3K0/8”	0471930710	3000	8”	800 ÷ 6400	950	04741607
MSL/OI 4K0/8”	0471940710	4000	8”	800 ÷ 6400	1300	04742007
MSL/OI 5K0/10”	0471950810	5000	10”	1200 ÷ 9600	1700	04742207
MSL/OI 6K0/10”	0471960810	6000	10”	1200 ÷ 9600	1900	04742822
MSL/OI 7K0/12”	0471970910	7000	12”	1600 ÷ 12800	2300	04743217
MSL/OI 10K0/14”	0471991110	10000	14”	2400 ÷ 19200	3000	04744407
MSL/OI 12K0/14”	0471993110	12000	14”	2400 ÷ 19200	3800	04745207
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL/OI 1K0/4”	0471910520	1000	DN 100	200 ÷ 1600	500	04740821
MSL/OI 1K5/4”	0471915520	1500	DN 100	200 ÷ 1600	650	04741008
MSL/OI 2K0/6”	0471920620	2000	DN 150	400 ÷ 3200	800	04741210
MSL/OI 2K5/6”	0471925620	2500	DN 150	400 ÷ 3200	900	04741410
MSL/OI 3K0/8”	0471930720	3000	DN 200	800 ÷ 6400	950	04741608
MSL/OI 4K0/8”	0471940720	4000	DN 200	800 ÷ 6400	1300	04742008
MSL/OI 5K0/10”	0471950820	5000	DN 250	1200 ÷ 9600	1700	04742208
MSL/OI 6K0/10”	0471960820	6000	DN 250	1200 ÷ 9600	1900	04742823
MSL/OI 7K0/12”	0471970920	7000	DN 300	1600 ÷ 12800	2300	04743218
MSL/OI 10K0/14”	0471991120	10000	DN 350	2400 ÷ 19200	3000	04744408
MSL/OI 12K0/14”	0471993120	12000	DN 350	2400 ÷ 19200	3800	04745208

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