MSL/O

Displacement liquid foam proportioning unit for variable flowrate MSL/O 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),
  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%,
- connecting line and valves between proportioner and tank (water inlet line and foam compound outlet line) in carbon steel with internal part of the valves in stainless steel,
- 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

Optionally:

- 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

-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/O 1K0/4”	0471810510	1000	4”	200 ÷ 1600	500	04740818
MSL/O 1K5/4”	0471815510	1500	4”	200 ÷ 1600	650	04741005
MSL/O 2K0/6”	0471820610	2000	6”	400 ÷ 3200	800	04741207
MSL/O 2K5/6”	0471825610	2500	6”	400 ÷ 3200	900	04741407
MSL/O 3K0/8”	0471830710	3000	8”	800 ÷ 6400	950	04741605
MSL/O 4K0/8”	0471840710	4000	8”	800 ÷ 6400	1300	04742005
MSL/O 5K0/10”	0471850810	5000	10”	1200 ÷ 9600	1700	04742205
MSL/O 6K0/10”	0471860810	6000	10”	1200 ÷ 9600	1900	04742820
MSL/O 7K0/12”	0471870910	7000	12”	1600 ÷ 12800	2300	04743215
MSL/O 10K0/14”	0471891110	10000	14”	2400 ÷ 19200	3000	04744405
MSL/O 12K0/14”	0471893110	12000	14”	2400 ÷ 19200	3800	04745205
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL/O 1K0/4”	0471810520	1000	DN 100	200 ÷ 1600	500	04740819
MSL/O 1K5/4”	0471815520	1500	DN 100	200 ÷ 1600	650	04741006
MSL/O 2K0/6”	0471820620	2000	DN 150	400 ÷ 3200	800	04741208
MSL/O 2K5/6”	0471825620	2500	DN 150	400 ÷ 3200	900	04741408
MSL/O 3K0/8”	0471830720	3000	DN 200	800 ÷ 6400	950	04741606
MSL/O 4K0/8”	0471840720	4000	DN 200	800 ÷ 6400	1300	04742006
MSL/O 5K0/10”	0471850820	5000	DN 250	1200 ÷ 9600	1700	04742206
MSL/O 6K0/10”	0471860820	6000	DN 250	1200 ÷ 9600	1900	04742821
MSL/O 7K0/12”	0471870920	7000	DN 300	1600 ÷ 12800	2300	04743216
MSL/O 10K0/14”	0471891120	10000	DN 350	2400 ÷ 19200	3000	04744406
MSL/O 12K0/14”	0471893120	12000	DN 350	2400 ÷ 19200	3800	04745206

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