MSL/OI/D

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

<u>Optionally:</u>

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

Cacialanza & C.

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/D 1K0/4”	0471210510	1000	4”	200 ÷ 1600	500	04740907
MSL/OI/D 1K5/4”	0471215510	1500	4”	200 ÷ 1600	650	04741107
MSL/OI/D 2K0/6”	0471220610	2000	6”	400 ÷ 3200	800	04741307
MSL/OI/D 2K5/6”	0471225610	2500	6”	400 ÷ 3200	900	04741507
MSL/OI/D 3K0/8”	0471230710	3000	8”	800 ÷ 6400	950	04741707
MSL/OI/D 4K0/8”	0471240710	4000	8”	800 ÷ 6400	1300	04742107
MSL/OI/D 5K0/10”	0471250810	5000	10”	1200 ÷ 9600	1700	04742507
MSL/OI/D 6K0/10”	0471260810	6000	10”	1200 ÷ 9600	1900	04742914
MSL/OI/D 7K0/12”	0471270910	7000	12”	1600 ÷ 12800	2300	04743307
MSL/OI/D 10K0/14”	0471291110	10000	14”	2400 ÷ 19200	3000	04744507
MSL/OI/D 12K0/14”	0471293110	12000	14”	2400 ÷ 19200	3800	04745307
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL/OI/D 1K0/4”	0471210520	1000	DN 100	200 ÷ 1600	500	04740908
MSL/OI/D 1K5/4”	0471215520	1500	DN 100	200 ÷ 1600	650	04741108
MSL/OI/D 2K0/6”	0471220620	2000	DN 150	400 ÷ 3200	800	04741308
MSL/OI/D 2K5/6”	0471225620	2500	DN 150	400 ÷ 3200	900	04741508
MSL/OI/D 3K0/8”	0471230720	3000	DN 200	800 ÷ 6400	950	04741708
MSL/OI/D 4K0/8”	0471240720	4000	DN 200	800 ÷ 6400	1300	04742108
MSL/OI/D 5K0/10”	0471250820	5000	DN 250	1200 ÷ 9600	1700	04742508
MSL/OI/D 6K0/10”	0471260820	6000	DN 250	1200 ÷ 9600	1900	04742915
MSL/OI/D 7K0/12”	0471270920	7000	DN 300	1600 ÷ 12800	2300	04743308
MSL/OI/D 10K0/14”	0471291120	10000	DN 350	2400 ÷ 19200	3000	04744508
MSL/OI/D 12K0/14”	0471293120	12000	DN 350	2400 ÷ 19200	3800	04745308