MSL/OD

Displacement liquid foam proportioning unit for variable flowrate MSL/OD 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

<u>Optionally:</u>

- 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/OD 1K0/4”	0471010510	1000	4”	200 ÷ 1600	500	04740905
MSL/OD 1K5/4”	0471015510	1500	4”	200 ÷ 1600	650	04741105
MSL/OD 2K0/6”	0471020610	2000	6”	400 ÷ 3200	800	04741305
MSL/OD 2K5/6”	0471025610	2500	6”	400 ÷ 3200	900	04741505
MSL/OD 3K0/8”	0471030710	3000	8”	800 ÷ 6400	950	04741705
MSL/OD 4K0/8”	0471040710	4000	8”	800 ÷ 6400	1300	04742105
MSL/OD 5K0/10”	0471050810	5000	10”	1200 ÷ 9600	1700	04742505
MSL/OD 6K0/10”	0471060810	6000	10”	1200 ÷ 9600	1900	04742912
MSL/OD 7K0/12”	0471070910	7000	12”	1600 ÷ 12800	2300	04743305
MSL/OD 10K0/14”	0471091110	10000	14”	2400 ÷ 19200	3000	04744505
MSL/OD 12K0/14”	0471093110	12000	14”	2400 ÷ 19200	3800	04745305
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL/OD 1K0/4”	0471010520	1000	DN 100	200 ÷ 1600	500	04740906
MSL/OD 1K5/4”	0471015520	1500	DN 100	200 ÷ 1600	650	04741106
MSL/OD 2K0/6”	0471020620	2000	DN 150	400 ÷ 3200	800	04741306
MSL/OD 2K5/6”	0471025620	2500	DN 150	400 ÷ 3200	900	04741506
MSL/OD 3K0/8”	0471030720	3000	DN 200	800 ÷ 6400	950	04741706
MSL/OD 4K0/8”	0471040720	4000	DN 200	800 ÷ 6400	1300	04742106
MSL/OD 5K0/10”	0471050820	5000	DN 250	1200 ÷ 9600	1700	04742506
MSL/OD 6K0/10”	0471060820	6000	DN 250	1200 ÷ 9600	1900	04742913
MSL/OD 7K0/12”	0471070920	7000	DN 300	1600 ÷ 12800	2300	04743306
MSL/OD 10K0/14”	0471091120	10000	DN 350	2400 ÷ 19200	3000	04744506
MSL/OD 12K0/14”	0471093120	12000	DN 350	2400 ÷ 19200	3800	04745306

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