MSL 2x

Displacement liquid foam proportioning unit for variable flowrate MSL 2x 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),
  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>

- 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 2x 2K0/6”	0473420610	2000	6”	400 ÷ 3200	1600	04711209
MSL 2x 2K5/6”	0473425610	2500	6”	400 ÷ 3200	1800	04711405
MSL 2x 3K0/8”	0473430710	3000	8”	800 ÷ 6400	1900	04711605
MSL 2x 4K0/8”	0473440710	4000	8”	800 ÷ 6400	2600	04712005
MSL 2x 5K0/10”	0473450810	5000	10”	1200 ÷ 9600	3400	04712405
MSL 2x 6K0/10”	0473460810	6000	10”	1200 ÷ 9600	3800	04712805
MSL 2x 7K0/12”	0473470910	7000	12”	1600 ÷ 12800	4600	04713205
MSL 2x 10K0/14”	0473491110	10000	14”	2400 ÷ 19200	6000	04714405
MSL 2x 12K0/14”	0473493110	12000	14”	2400 ÷ 19200	7400	04715205
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL 2x 2K0/6”	0473420620	2000	DN 150	400 ÷ 3200	1600	04711210
MSL 2x 2K5/6”	0473425620	2500	DN 150	400 ÷ 3200	1800	04711406
MSL 2x 3K0/8”	0473430720	3000	DN 200	800 ÷ 6400	1900	04711606
MSL 2x 4K0/8”	0473440720	4000	DN 200	800 ÷ 6400	2600	04712006
MSL 2x 5K0/10”	0473450820	5000	DN 250	1200 ÷ 9600	3400	04712406
MSL 2x 6K0/10”	0473460820	6000	DN 250	1200 ÷ 9600	3800	04712806
MSL 2x 7K0/12”	0473470920	7000	DN 300	1600 ÷ 12800	4600	04713206
MSL 2x 10K0/14”	0473491120	10000	DN 350	2400 ÷ 19200	6000	04714406
MSL 2x 12K0/14”	0473493120	12000	DN 350	2400 ÷ 19200	7400	04715206

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