MSL/E

Displacement liquid foam proportioning unit for variable flowrate MSL/E 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 foam compound outside the membrane,
  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/E 450/3”	0470003410	450	3”	200 ÷ 1600	400	04720317
MSL/E 0K6/3”	0470006410	600	3”	200 ÷ 1600	450	04720409
MSL/E 1K0/4”	0470010510	1000	4”	200 ÷ 1600	500	04720808
MSL/E 1K5/4”	0470015510	1500	4”	200 ÷ 1600	650	04721030
MSL/E 2K0/6”	0470020610	2000	6”	400 ÷ 3200	800	04721231
MSL/E 2K5/6”	0470025610	2500	6”	400 ÷ 3200	900	04721420
MSL/E 3K0/8”	0470030710	3000	8”	800 ÷ 6400	950	04721618
MSL/E 4K0/8”	0470040710	4000	8”	800 ÷ 6400	1300	04722015
MSL/E 5K0/10”	0470050810	5000	10”	1200 ÷ 9600	1700	04722418
MSL/E 6K0/10”	0470060810	6000	10”	1200 ÷ 9600	1900	04722817
MSL/E 7K0/12”	0470070910	7000	12”	1600 ÷ 12800	2300	04723211
MSL/E 10K0/14”	0470091110	10000	14”	2400 ÷ 19200	3000	04724403
MSL/E 12K0/14”	0470093110	12000	14”	2400 ÷ 19200	3800	04725202
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL/E 450/3”	0470003420	450	DN 80	200 ÷ 1600	400	04720316
MSL/E 0K6/3”	0470006420	600	DN 80	200 ÷ 1600	450	04720411
MSL/E 1K0/4”	0470010520	1000	DN 100	200 ÷ 1600	500	04720809
MSL/E 1K5/4”	0470015520	1500	DN 100	200 ÷ 1600	650	04721017
MSL/E 2K0/6”	0470020620	2000	DN 150	400 ÷ 3200	800	04721230
MSL/E 2K5/6”	0470025620	2500	DN 150	400 ÷ 3200	900	04721422
MSL/E 3K0/8”	0470030720	3000	DN 200	800 ÷ 6400	950	04721619
MSL/E 4K0/8”	0470040720	4000	DN 200	800 ÷ 6400	1300	04722021
MSL/E 5K0/10”	0470050820	5000	DN 250	1200 ÷ 9600	1700	04722409
MSL/E 6K0/10”	0470060820	6000	DN 250	1200 ÷ 9600	1900	04722812
MSL/E 7K0/12”	0470070920	7000	DN 300	1600 ÷ 12800	2300	04723212
MSL/E 10K0/14”	0470091120	10000	DN 350	2400 ÷ 19200	3000	04724404
MSL/E 12K0/14”	0470093120	12000	DN 350	2400 ÷ 19200	3800	04725203