MSLD

Displacement liquid foam proportioning unit for variable flowrate MSLD 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

Optionally:

- 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/D 0K6/3”	0472406410	600	3”	200 ÷ 1600	450	04700505
MSL/D 1K0/4”	0472410510	1000	4”	200 ÷ 1600	500	04700909
MSL/D 1K5/4”	0472415510	1500	4”	200 ÷ 1600	650	04701105
MSL/D 2K0/6”	0472420610	2000	6”	400 ÷ 3200	800	04701310
MSL/D 2K5/6”	0472425610	2500	6”	400 ÷ 3200	900	04701409
MSL/D 3K0/8”	0472430710	3000	8”	800 ÷ 6400	950	04701705
MSL/D 4K0/8”	0472440710	4000	8”	800 ÷ 6400	1300	04702105
MSL/D 5K0/10”	0472450810	5000	10”	1200 ÷ 9600	1700	04702505
MSL/D 6K0/10”	0472460810	6000	10”	1200 ÷ 9600	1900	04702905
MSL/D 7K0/12”	0472470910	7000	12”	1600 ÷ 12800	2300	04703305
MSL/D 10K0/14”	0472491110	10000	14”	2400 ÷ 19200	3000	04704505
MSL/D 12K0/14”	0472493110	12000	14”	2400 ÷ 19200	3800	04705305
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL/D 0K6/3”	0472406420	600	DN 80	200 ÷ 1600	450	04700506
MSL/D 1K0/4”	0472410520	1000	DN 100	200 ÷ 1600	500	04700908
MSL/D 1K5/4”	0472415520	1500	DN 100	200 ÷ 1600	650	04701106
MSL/D 2K0/6”	0472420620	2000	DN 150	400 ÷ 3200	800	04701311
MSL/D 2K5/6”	0472425620	2500	DN 150	400 ÷ 3200	900	04701410
MSL/D 3K0/8”	0472430720	3000	DN 200	800 ÷ 6400	950	04701706
MSL/D 4K0/8”	0472440720	4000	DN 200	800 ÷ 6400	1300	04702106
MSL/D 5K0/10”	0472450820	5000	DN 250	1200 ÷ 9600	1700	04702506
MSL/D 6K0/10”	0472460820	6000	DN 250	1200 ÷ 9600	1900	04702906
MSL/D 7K0/12”	0472470920	7000	DN 300	1600 ÷ 12800	2300	04703306
MSL/D 10K0/14”	0472491120	10000	DN 350	2400 ÷ 19200	3000	04704506
MSL/D 12K0/14”	0472493120	12000	DN 350	2400 ÷ 19200	3800	04705306

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