MSL

Displacement liquid foam proportioning unit for variable flowrate MSL 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 0K6/3”	0473006410	600	3”	200 ÷ 1600	450	04700413
MSL 1K0/4”	0473010510	1000	4”	200 ÷ 1600	500	04700815
MSL 1K5/4”	0473015510	1500	4”	200 ÷ 1600	650	04701012
MSL 2K0/6”	0473020610	2000	6”	400 ÷ 3200	800	04701218
MSL 2K5/6”	0473025610	2500	6”	400 ÷ 3200	900	04701405
MSL 3K0/8”	0473030710	3000	8”	800 ÷ 6400	950	04701610
MSL 4K0/8”	0473040710	4000	8”	800 ÷ 6400	1300	04702005
MSL 5K0/10”	0473050810	5000	10”	1200 ÷ 9600	1700	04702405
MSL 6K0/10”	0473060810	6000	10”	1200 ÷ 9600	1900	04702810
MSL 7K0/12”	0473070910	7000	12”	1600 ÷ 12800	2300	04703205
MSL 10K0/14”	0473091110	10000	14”	2400 ÷ 19200	3000	04704411
MSL 12K0/14”	0473093110	12000	14”	2400 ÷ 19200	3800	04705205
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL 0K6/3”	0473006420	600	DN 80	200 ÷ 1600	450	04700412
MSL 1K0/4”	0473010520	1000	DN 100	200 ÷ 1600	500	04700816
MSL 1K5/4”	0473015520	1500	DN 100	200 ÷ 1600	650	04701011
MSL 2K0/6”	0473020620	2000	DN 150	400 ÷ 3200	800	04701219
MSL 2K5/6”	0473025620	2500	DN 150	400 ÷ 3200	900	04701406
MSL 3K0/8”	0473030720	3000	DN 200	800 ÷ 6400	950	04701611
MSL 4K0/8”	0473040720	4000	DN 200	800 ÷ 6400	1300	04702006
MSL 5K0/10”	0473050820	5000	DN 250	1200 ÷ 9600	1700	04702406
MSL 6K0/10”	0473060820	6000	DN 250	1200 ÷ 9600	1900	04702809
MSL 7K0/12”	0473070920	7000	DN 250	1600 ÷ 12800	2300	04703206
MSL 10K0/14”	0473091120	10000	DN 300	2400 ÷ 19200	3000	04704410
MSL 12K0/14”	0473091120	12000	DN 300	2400 ÷ 19200	3800	04705206