MSLD 2x

Displacement liquid foam proportioning unit for variable flowrate MSLD 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

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 2x 2K0/6”	0472020610	2000	6”	400 ÷ 3200	1600	04711305
MSL/D 2x 2K5/6”	0472025610	2500	6”	400 ÷ 3200	1800	04711505
MSL/D 2x 3K0/8”	0472030710	3000	8”	800 ÷ 6400	1900	04711705
MSL/D 2x 4K0/8”	0472040710	4000	8”	800 ÷ 6400	2600	04712105
MSL/D 2x 5K0/10”	0472050810	5000	10”	1200 ÷ 9600	3400	04712505
MSL/D 2x 6K0/10”	0472060810	6000	10”	1200 ÷ 9600	3800	04712905
MSL/D 2x 7K0/12”	0472070910	7000	12”	1600 ÷ 12800	4600	04713305
MSL/D 2x 10K0/14”	0472091110	10000	14”	2400 ÷ 19200	6000	04714505
MSL/D 2x 12K0/14”	0472093110	12000	14”	2400 ÷ 19200	7400	04715305
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL/D 2x 2K0/6”	0472020620	2000	DN 150	400 ÷ 3200	1600	04711306
MSL/D 2x 2K5/6”	0472025620	2500	DN 150	400 ÷ 3200	1800	04711506
MSL/D 2x 3K0/8”	0472030720	3000	DN 200	800 ÷ 6400	1900	04711706
MSL/D 2x 4K0/8”	0472040720	4000	DN 200	800 ÷ 6400	2600	04712106
MSL/D 2x 5K0/10”	0472050820	5000	DN 250	1200 ÷ 9600	3400	04712506
MSL/D 2x 6K0/10”	0472060820	6000	DN 250	1200 ÷ 9600	3800	04712906
MSL/D 2x 7K0/12”	0472070920	7000	DN 300	1600 ÷ 12800	4600	04713306
MSL/D 2x 10K0/14”	0472091120	10000	DN 350	2400 ÷ 19200	6000	04714506
MSL/D 2x 12K0/14”	0472093120	12000	DN 350	2400 ÷ 19200	7400	04715306

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