MSL/DI 2x

Displacement liquid foam proportioning unit for variable flowrate MSLDI 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),
- connecting line and valves between proportioner and tank (water inlet line) in carbon steel,
- connecting line and valves between tank and proportioner (foam compound outlet line) in stainless steel AISI 304,
  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%,
- 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
- 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

Optionally:

-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/DI 2x 2K0/6”	0472620610	2000	6”	400 ÷ 3200	1600	04711307
MSL/DI 2x 2K5/6”	0472625610	2500	6”	400 ÷ 3200	1800	04711507
MSL/DI 2x 3K0/8”	0472630710	3000	8”	800 ÷ 6400	1900	04711707
MSL/DI 2x 4K0/8”	0472640710	4000	8”	800 ÷ 6400	2600	04712107
MSL/DI 2x 5K0/10”	0472650810	5000	10”	1200 ÷ 9600	3400	04712507
MSL/DI 2x 6K0/10”	0472660810	6000	10”	1200 ÷ 9600	3800	04712907
MSL/DI 2x 7K0/12”	0472670910	7000	12”	1600 ÷ 12800	4600	04713307
MSL/DI 2x 10K0/14”	0472691110	10000	14”	2400 ÷ 19200	6000	04714507
MSL/DI 2x 12K0/14”	0472693110	12000	14”	2400 ÷ 19200	7400	04715307
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSL/DI 2x 2K0/6”	0472620620	2000	DN 150	400 ÷ 3200	1600	04711308
MSL/DI 2x 2K5/6”	0472625620	2500	DN 150	400 ÷ 3200	1800	04711508
MSL/DI 2x 3K0/8”	0472630720	3000	DN 200	800 ÷ 6400	1900	04711708
MSL/DI 2x 4K0/8”	0472640720	4000	DN 200	800 ÷ 6400	2600	04712108
MSL/DI 2x 5K0/10”	0472650820	5000	DN 250	1200 ÷ 9600	3400	04712508
MSL/DI 2x 6K0/10”	0472660820	6000	DN 250	1200 ÷ 9600	3800	04712908
MSL/DI 2x 7K0/12”	0472670920	7000	DN 300	1600 ÷ 12800	4600	04713308
MSL/DI 2x 10K0/14”	0472691120	10000	DN 350	2400 ÷ 19200	6000	04714508
MSL/DI 2x 12K0/14”	0472693120	12000	DN 350	2400 ÷ 19200	7400	04715308

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