MSLDI

Displacement liquid foam proportioning unit for variable flowrate MSLDI 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.
MSLDI 0K6/3”	0472206410	600	3”	200 ÷ 1600	450	04700507
MSLDI 1K0/4”	0472210510	1000	4”	200 ÷ 1600	500	04700907
MSLDI 1K5/4”	0472215510	1500	4”	200 ÷ 1600	650	04701107
MSLDI 2K0/6”	0472220610	2000	6”	400 ÷ 3200	800	04701309
MSLDI 2K5/6”	0472225610	2500	6”	400 ÷ 3200	900	04701411
MSLDI 3K0/8”	0472230710	3000	8”	800 ÷ 6400	950	04701707
MSLDI 4K0/8”	0472240710	4000	8”	800 ÷ 6400	1300	04702107
MSLDI 5K0/10”	0472250810	5000	10”	1200 ÷ 9600	1700	04702507
MSLDI 6K0/10”	0472260810	6000	10”	1200 ÷ 9600	1900	04702907
MSLDI 7K0/12”	0472270910	7000	12”	1600 ÷ 12800	2300	04703307
MSLDI 10K0/14”	0472291110	10000	14”	2400 ÷ 19200	3000	04704507
MSLDI 12K0/14”	0472293110	12000	14”	2400 ÷ 19200	3800	04705307
DIN PN 16 flange						
Type	Code nr.	Capacity (lt.)	Dia.Foam Proportioning Pipe and Flange	Flowrate (lt/min)	Weight (Kg)	Dwg. nr.
MSLDI 0K6/3”	0472206420	600	DN 80	200 ÷ 1600	450	04700508
MSLDI 1K0/4”	0472210520	1000	DN 100	200 ÷ 1600	500	04700906
MSLDI 1K5/4”	0472215520	1500	DN 100	200 ÷ 1600	650	04701108
MSLDI 2K0/6”	0472220620	2000	DN 150	400 ÷ 3200	800	04701308
MSLDI 2K5/6”	0472225620	2500	DN 150	400 ÷ 3200	900	04701412
MSLDI 3K0/8”	0472230720	3000	DN 200	800 ÷ 6400	950	04701708
MSLDI 4K0/8”	0472240720	4000	DN 200	800 ÷ 6400	1300	04702108
MSLDI 5K0/10”	0472250820	5000	DN 250	1200 ÷ 9600	1700	04702508
MSLDI 6K0/10”	0472260820	6000	DN 250	1200 ÷ 9600	1900	04702908
MSLDI 7K0/12”	0472270920	7000	DN 300	1600 ÷ 12800	2300	04703308
MSLDI 10K0/14”	0472291120	10000	DN 350	2400 ÷ 19200	3000	04704508
MSLDI 12K0/14”	0472293120	12000	DN 350	2400 ÷ 19200	3800	04705308

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