

Weight of system:

1 Pump : GRUNDFOS SP125-1

Quantity no
 Weight = kg

2 Pontoon

a Float nos

Dimension:
 Diameter m
 Height m

SS Plate Area m²
 Weight = kg

b Pipe Bracket

2" SS304 Pipe m = 0 kg
 1 1/2" SS304 Pipe m = 9.51 kg
 1" SS304 Pipe m = 9.585 kg
 1" X 1" SS Angle m = 0 kg

Weight = kg

c SS Perforated (Pump cover)

Quantity no

4' x 8' x 1mm thk

Dimension:
 Diameter m
 Height m

SS Perf. Area m²
 Weight = kg

3 Nozzle (Type A: 17 mm dia)

Quantity no
 Weight = kg

Nozzle (Type B & C: 12 mm dia)

Quantity no
 Weight = kg

4 Underwater Light

Quantity no
 Weight = kg

| | |
|------------------|------------------------|
| TOTAL WEIGHT = | 210.009 kg |
| Pontoon Volume = | 0.28209 m ³ |
| = | 282.093 kg |

Ratio Weight : Volume

Maximum $\frac{0.74447}{0.75} : \frac{1}{1} \approx (3/4)$

| DATA |
|----------------------------------|
| 79 kg/no |
| 24.21 kg/m ² |
| 4.01 kg/m |
| 3.17 kg/m |
| 2.13 kg/m |
| 1.083 kg/m |
| 38% Open area |
| 8.0683 kg/m ² |
| 0.86 kg/no |
| 0.45 kg/no |
| 0.8 kg/no |
| 1 m ³ (air) = 1000 kg |