

Þ = 6.25 slug/ft³

Find: p in SI units

Solution.

6 /3/22 HO 1.1 Sp. Parts 2/2

Solution.

6 25 St. 14.5939 Rg | 1 Mg | 35.3147 pt 3

= 3.22 Mg/m³
$$\rightarrow$$

P

8. Given: h=2.5 m | 1000 kg | 1 m³

= 3.22 Mg/m³ \rightarrow

Win ibs

Solution.

V = Jiv² h

400 mm = 200 mm = r

200 mm | 1 m | 2.3 mg/m³

1010 man

3.14(.2)³(2.5) = 314 m³ 2.3 Mg/m³ = W

W = 7225 Mg | 1000 kg | 2.2 lbs = 1590 lbs \rightarrow W

1 Mg | 1 kg