

g=11, d=62 cm, P=101 EPa 9 × 1000 73 find density due to specific saving is: 8 = 9. 3w = 1.1. 1ce = 11co = 3 the difference in pressure because of the height is D=9-19-d=1100 kg - 9-8 m - 0,62m = 6683,6 Pc = 6,7 k/a Hisher Patm - Pdiff = 101 kP< - 6,7 kPs = 94,3 kPa P + P = 101k/2 + 6,7k/2 <m diff = 107, 7k/2 6 e e e

h= 23m, P= = 101 kP<, g = 1.03 3 = 5 ~ 5 ~ 1030 ks the pressure difference because of the depth 15. P = 9 sea 9 h = 1030 m3 9,8 = 22m = 222068 P< = zzz kP4/ h6 total (absolute) pressure is Pats = Pata + Papth = 101 kPz + 272 kPz = 323 kPz m = 2000 kg/s 4=73 m m.g.h = 2000 Ks . 9,8 m . 734 W = 1430800 = 1. 43 MW 0 1 1

