UNITS (Propulsors)

Quantity	**SI**	**U.S.**
Mass, m	kg	slug
Mass Flow Rate, m	kg/s	slug/s
Thrust, T	N (or kN)	lbf
Torque, Q	Nm (or kNm)	lbf ft
Density , ρ	kg/m3	slugs/ft^3
		lb s^2/ft^4
Velocity , V	m/s	ft/s
Rotational speed,n	rps	rps

Useful Values: 1 knot = 1.688 ft/s = 0.5144 m/s

1 HP = 550 ft lb_f/s = 0.7456 kW

density (p) for sea water (59 F) = 1.9905 slugs/ft^3 = 1025.9 kg/m^3

kinematic viscosity (v) for sea water (59°F) = 1.18831xl0^{-6} m^2/s = 1.2791xl0^5 ft^2/s