

Factores de Conversión

Masa

$1 \text{ Kg} = 2.204 \text{ lb}$

$1 \text{ Slug} = 14.59 \text{ Kg}$

$1 \text{ lb}_m = 453.6 \text{ gr}$

$1 \text{ Kg} = 1000 \text{ gr}$

$1 \text{ Slug} = 32.174 \text{ lb}_m$

Fuerza

$1 \text{ N} = 100,000 \text{ Dinas}$

$1 \text{ N} = 0.101 \text{ kgf}$

$1 \text{ KN} = 224.8 \text{ lbf}$

$1 \text{ N} = 0.224 \text{ lbf}$

Longitud

$1 \text{ m} = 3.281 \text{ pies}$

$1 \text{ ft} = 12 \text{ pulg}$

$1 \text{ mi} = 5280 \text{ pies}$

$1 \text{ m} = 39.37 \text{ pulg}$

$1 \text{ mi} = 1.609 \text{ km}$

$1 \text{ milla nautica} = 6076 \text{ pies}$

Volumen

$1 \text{ ft}^3 = 1728 \text{ pulg}^3$

$1 \text{ ft}^3 = 7.48 \text{ gal}$

$1 \text{ gal} = 3.785 \text{ L}$

$1 \text{ gal} = 231 \text{ pulg}^3$

$1 \text{ m}^3 = 264.2 \text{ gal}$

$1 \text{ m}^3 = 35.31 \text{ pies}^3$

Flujo Volumetrico

$1 \text{ gal/min} = 3.785 \text{ L/min}$

$1 \text{ m}^3/\text{s} = 35.31 \text{ pies}^3/\text{s}$

$1 \text{ ft}^3/\text{s} = 449 \text{ gal/min}$

$1 \text{ m}^3/\text{s} = 15\,850 \text{ gal/min}$

$1 \text{ m}^3/\text{s} = 60\,000 \text{ L/min}$

$1 \text{ m}^3/\text{Hr} = 16.67 \text{ L/min}$

Presión

$1 \text{ bar} = 100 \text{ Kpa}$

$1 \text{ lb/pulg}^2 = 144 \text{ lb/pies}^2$

$1 \text{ Pa} = 1 \text{ N/m}^2$

$1 \text{ mmHg} = 133.3 \text{ Pa}$

$1 \text{ lb/pulg}^2 = 27.68 \text{ pulgH}_2\text{O}$

$1 \text{ mH}_2\text{O} = 0.098 \text{ bar}$

Energia

$1 \text{ lb-ft} = 1.356 \text{ J}$

$1 \text{ N-m} = 1 \text{ J}$

$1 \text{ BTU} = 1.055 \text{ KJ}$

Potencia

$1 \text{ HP} = 745.7 \text{ W}$

$1 \text{ HP} = 550 \text{ lb-ft/s}$

$1 \text{ KW} = 1.341 \text{ HP}$

Area

$1 \text{ ft}^2 = 144 \text{ pulg}^2$

$1 \text{ m}^2 = 10.76 \text{ pies}^2$

$1 \text{ pulg}^2 = 645.2 \text{ mm}^2$

$1 \text{ m}^2 = 10^6 \text{ mm}^2$