

## Conversões

### Comprimento

cm	inch	pés	mtr	km	milhas
1	.3937	.03281	.01	.00001	
2.54	1	.083333	.02778		
30.48	12	1	.3048		
100	39.37	3.281	1	.001	
100000	39370	3281	1000	1	.6214
160934	63360	5280	1609	1.609	1

### Temperatura

de °C a °F	de °F a °C
$32 + (1,8 \times °C)$	$(°F - 32) \times 0,55$

### Energia

ft-lbs	kg-m	kw-hr	hp-hr	in-lb	Joule
1	.1383			12	1.356
7.233	1			86.80	9.806
		1	1.341		859.9
		.7457	1		641.2
.0833	.01152			1	.113

### Pressão

kgf/mm <sup>2</sup>	kgf/cm <sup>2</sup>	bar	psi	Mpa
1	100	98.066	1422.334	9.807
0.01	1	0.9807	14.223	0.098
0.0102	1.0197	10	14.5038	0.1
0.0007	0.0703	0.06895	1	0.066895
0.10197	10.197	10	145.037	1

### Velocidade

mtr/sec	ft/sec	km/hr	mph	ft/min
1	3.281	3.6	2.237	196.85
.3048	1	1.097	.6818	60
.2778	.9113	1	.6214	54.68
.4470	1.467	1.609	1	88
.00508	.01667	.01829	.01136	1

### Torque

ft-lbs	lbs-in	da-Nm	Nm	kp-m	kg-m
1	12	.13556	1.356	.1382	.1382
.08333	1	.01130	.1130	.01152	.01152
7.376	88.51	1	10	1.019	1.019
.7376	8.851	.1	1	.102	.102
7.2359	86.80	.9806	9.806	1	1

### Volume

in <sup>3</sup>	cm <sup>3</sup>	litros	quart	galón
1	16.39	.01639	.0173	.004
.06102	1	.001	.0010	.00026
61.02	1000	1	1.05	.26
57.75	947	.9463	1	.25
231.26	3790	3.79	3.98	1

### Viscosidade

(SSU)	ISO-VG	CentiStoke	CentiPoise*
31	2	1.0	0.876
35	3	2.5	2.19
40	5	4.2	3.68
45	5/7	5.9	5.17
50	7	7.5	6.57
55	7/10	8.8	7.71
60	10	10.5	9.20
70	10/15	13.2	11.56
80	15	15.7	13.75
90	22	18.2	15.94
100	22	20.6	18.05
150	32	32.0	28.03
200	46	43.2	37.84
300	68	65.0	56.94
400	68/100	86.0	75.34
500	100	108	94.61
750	150	162	141.91
1000	220	216	189.22
1500	320	323	282.95
2000	460	431	377.56
3000	680	648	567.65
4000	1000	862	755.11

### Força e Peso

newt	daN	kg (kp)	lbs
1	.1	.1020	.224
10	1	1.020	2.24
9.807	.9807	1	2.20
4.4482	.4448	.4536	1

### Potência

hp	kw	met hp
1	.7457	1.014
1.341	1	1.360
.9863	.7355	1

### Área

in <sup>2</sup>	cm <sup>2</sup>	mm <sup>2</sup>
1	6.452	645.2
.1550	1	.01
.001550	100	1