

Kraft

Force

	N	kp	P	tonf (UK)	lbf	ozf
1 N	= 1	0,1020	102,0	$100,4 \times 10^{-6}$	0,2248	3,597
1 kp	= 9,807	1	1.000	$0,984 \times 10^{-3}$	2,205	35,27
1 p	= $9,81 \times 10^{-3}$	1×10^{-3}	1	$0,984 \times 10^{-6}$	$2,2 \times 10^{-3}$	$35,3 \times 10^{-3}$
1 tonf (UK)	= 9964	1.016	$1,02 \times 10^6$	1	2.240	$35,8 \times 10^3$
1 lbf	= 4.448	0,4536	453,6	$0,5 \times 10^{-6}$	1	16
1 ozf	= -	$28,4 \times 10^{-3}$	28,35	$27,9 \times 10^{-6}$	$62,5 \times 10^{-3}$	1

Geschwindigkeit

Velocity

	km/h	m/min	m/s	mile/h	ft/min	ft/s	in/s
1 km/h	= 1	16,667	0,2778	0,6214	64,68	0,9113	10,936
1 m/min	= 0,06	1	$16,7 \times 10^{-3}$	$37,3 \times 10^{-3}$	3,281	$54,7 \times 10^{-3}$	0,656
1 m/s	= 3,6	60	1	2,237	196,85	3,281	39,57
1 mile/h	= 1,609	26,82	0,4470	1	88	1,467	17,6
1 ft/min	= $18,3 \times 10^{-3}$	0,3048	$5,08 \times 10^{-3}$	$11,4 \times 10^{-3}$	1	$16,7 \times 10^{-3}$	0,2
1 ft/s	= 1,097	18,288	0,3048	0,6818	60	1	12
1 in/s	= 91×10^{-3}	1,524	$25,4 \times 10^{-3}$	$56,8 \times 10^{-3}$	5	$83,3 \times 10^{-3}$	1

Drehmoment

Torque

	Nm	Ncm	kgfm	lbf.ft	lbf.in	ozf.in
1 Nm	= 1	100	0,10197	0,73756	8,8507	141,61
1 Ncm	= 0,01	1	$1,02 \times 10^{-3}$	$7,376 \times 10^{-3}$	$88,5 \times 10^{-3}$	1,4161
1 kgfm	= 9,8067	980,67	1	7,233	86,796	1.389
1 lbf.ft	= 1,356	135,6	0,1383	1	12	192
1 lbf.in	= 0,1129	11,29	$11,5 \times 10^{-3}$	$83,3 \times 10^{-3}$	1	16
1 onz.in	= $7,062 \times 10^{-3}$	0,7062	$0,72 \times 10^{-3}$	$5,21 \times 10^{-3}$	$62,5 \times 10^{-3}$	1

Leistung

Power

	kW	PS	hp	kgfm/s	ft.lbf/s
1 kW	= 1	1,360	1,341	102,0	737,6
1 PS	= 0,7355	1	0,9863	75	542,5
1 hp	= 0,7457	1,014	1	76,04	550
1 kgfm/s	= $9,8 \times 10^{-3}$	$13,33 \times 10^{-3}$	$13,15 \times 10^{-3}$	1	7,233
1 ft.lbf/s	= $1,36 \times 10^{-3}$	$1,84 \times 10^{-3}$	$1,82 \times 10^{-3}$	0,1383	1

Massenträgheitsmoment

Moment of Inertia

	kg.m ² (mr ²)	kgfm ² (GD ²)	lb.ft ² (WK ²)	kpms ²	ft lbf s ²
1 kg.m ² (mr ²)	= 1	4	23,73	0,102	0,7376
1 kgfm ² (GD ²)	= 0,25	1	5,933	25×10^{-3}	0,1844
1 lf.ft ² (WK ²)	= 42,1	0,1686	1	$4,30 \times 10^{-3}$	$31,1 \times 10^{-3}$
1 kpms ²	= 9,807	39,23	232,7	1	7,233
1 ft lbf s ²	= 1,356	5,423	32,17	0,1383	1

Länge

Length

	mm	m	in	ft	yds	km	miles
1 mm	= 1	0,001	0,3937	0,0033	0,0019	-	-
1 m	= 1.000	1	39,370	3,2808	1,09636	0,001	0,0006215
1 in	= 25,4	0,0254	1	0,0833	0,0277	0,0000254	0,0000158
1 ft	= 304,8	0,3048	12	1	0,0333	0,000304	0,0001894
1 yd	= 914,4	0,9144	36	3	1	0,000914	0,000568
1 km	= -	1.000	39.370	3.281	1.093	1	0,6215
1 mile	= -	1,609	63.346	5.279	1.759	1,609	1