

第 32 表 エネルギー換算表 (I)

1 ft-lb = 0.13826 kg-m = 1.35587J				1 kg-m = 7.23275 ft-lb = 9.80665J			
ft-lb	kg-m	kg-m/cm ² 2V, 2U	J	kg-m	ft-lb	kg-m/cm ² 2V, 2U	J
1	0.138	0.173	1.356	1	7.233	1.250	9.807
2	0.277	0.346	2.712	2	14.466	2.50	19.613
3	0.415	0.518	4.068	2.4	17.359	3.00	23.536
4	0.553	0.691	5.423	2.8	20.252	3.50	27.459
5	0.691	0.864	6.779	3	21.699	3.75	29.420
6	0.830	1.037	8.135	3.2	23.146	4.00	31.381
7	0.968	1.210	9.491	4	28.932	5.00	39.227
8	1.106	1.383	10.847	4.2	30.379	5.25	41.188
9	1.244	1.556	12.203	4.8	34.718	6.00	47.072
10	1.383	1.728	13.559	5	36.165	6.25	49.033
15	2.074	2.592	20.338	5.6	40.505	7.00	54.917
20	2.765	3.456	27.117	6	43.398	7.50	58.840
25	3.457	4.320	33.897	6.2	44.845	7.75	60.801
30	4.148	5.185	40.676	6.4	46.291	8.00	62.763
35	4.839	6.049	47.455	7	50.631	8.75	68.647
40	5.530	6.913	54.235	7.2	52.078	9.00	70.608
45	6.221	7.777	61.014	8	57.864	10.00	78.453
50	6.913	8.641	67.794	9	65.097	11.25	88.260
55	7.604	9.505	74.573	10	72.330	12.50	98.067
60	8.295	10.369	81.352	11	79.563	13.75	107.873
70	9.678	12.097	94.911	12	86.796	15.00	117.680
80	11.060	13.826	108.470	13	94.029	16.25	127.486
90	12.443	15.554	122.028	14	101.262	17.50	137.293
100	13.826	17.282	135.587	15	108.495	18.75	147.100
110	15.208	19.010	149.146	16	115.728	20.00	156.906
120	16.591	20.738	162.704	17	122.961	21.25	166.713
130	17.973	22.466	176.263	18	130.194	22.50	176.520
140	19.356	24.195	189.822	19	137.427	23.75	186.326
150	20.738	25.923	203.381	20	144.660	25.00	196.133
160	22.121	27.651	216.939	21	151.893	26.25	205.940
170	23.503	29.379	230.498	22	159.126	27.50	215.746
180	24.886	31.107	244.057	23	166.359	28.75	225.553
190	26.268	32.836	257.615	24	173.592	30.00	235.360
200	27.651	34.564	271.174	25	180.825	31.25	245.166
210	29.034	36.292	284.733	26	188.058	32.50	254.973
220	30.415	38.020	298.291	27	195.291	33.75	264.780
				28	202.524	35.00	274.586
				29	209.757	36.25	284.393
				30	216.990	37.50	294.200

第 33 表 エネルギー換算表 (Ⅱ)

1 J = 0.10197 kg-m = 0.73753							
J	kg-m	kg-m/cm ² 2V, 2U	ft-lb	J	kg-m	kg-m/cm ² 2V, 2U	ft-lb
1	0.102	0.127	0.738	135	13.766	17.208	99.567
2	0.204	0.255	1.475	140	14.276	17.845	103.254
3	0.306	0.382	2.213	145	14.786	18.482	106.942
4	0.408	0.510	2.950	150	15.296	19.120	110.630
5	0.510	0.637	3.688	155	15.806	19.757	114.317
6	0.612	0.765	4.425	160	16.315	20.394	118.005
7	0.714	0.892	5.163	165	16.825	21.032	121.692
8	0.816	1.020	5.900	170	17.335	21.669	125.380
9	0.918	1.147	6.638	175	17.845	22.306	129.068
10	1.020	1.275	7.375	180	18.355	22.944	132.755
15	1.530	1.912	11.063	185	18.865	23.581	136.443
20	2.039	2.549	14.751	190	19.375	24.218	140.131
25	2.549	3.187	18.438	195	19.884	24.856	143.818
30	3.059	3.824	22.126	200	20.394	25.493	147.506
35	3.569	4.461	25.814	205	20.904	26.130	151.194
40	4.079	5.099	29.501	210	21.414	26.768	154.881
45	4.589	5.736	33.189	215	21.924	27.405	158.569
50	5.099	6.373	36.877	220	22.434	28.042	162.257
55	5.608	7.011	40.564	225	22.944	28.680	165.944
60	6.118	7.648	44.252	230	23.453	29.317	169.632
65	6.628	8.285	47.939	235	23.963	29.954	173.320
70	7.138	8.923	51.627	240	24.473	30.591	177.007
75	7.648	9.560	55.315	245	24.983	31.229	180.695
80	8.158	10.197	59.002	250	25.493	31.866	184.383
85	8.668	10.834	62.690	255	26.003	32.503	188.070
90	9.177	11.472	66.378	260	26.513	33.141	191.758
95	9.687	12.109	70.065	265	27.022	33.778	195.445
100	10.197	12.746	73.753	270	27.532	34.415	199.133
105	10.707	13.384	77.441	275	28.042	35.053	202.821
110	11.217	14.021	81.128	280	28.552	35.690	206.508
115	11.727	14.658	84.816	285	29.062	36.327	210.196
120	12.237	15.296	88.504	290	29.572	36.965	213.884
125	12.746	15.933	92.191	295	30.082	37.602	217.571
130	13.256	16.570	95.879	300	30.591	38.239	221.259