

Diesel engine power to Fuel Consumption table - Naturally aspirated Engines



Table based on fuel consumed at 240 g/kW hour

Power Unit			Fuel Consumption per hour			
hp	kW	kVA	lb	kg	liter	US gal
1	0.75	0.93	0.32	0.144	0.17	0.045
1.07	0.8	1	0.344	0.152	0.18	0.048
1.34	1	1.25	0.432	0.192	0.23	0.061
5	3.73	4.66	1.6	0.720	0.85	0.226
7	5.22	6.52	2.24	1.040	1.19	0.315

hp	kW	kVA	lb	kg	liter	US gal
10	7.46	9.32	3.2	1.440	1.70	0.450
12	9	11	3.84	1.760	2.05	0.541
15	11	14	4.8	2.160	2.56	0.676
18	13	17	5.76	2.600	3.07	0.811
20	15	19	6.4	2.800	3.41	0.900
22	16	21	7.04	3.200	3.75	0.991
25	19	23	8	3.600	4.26	1.126
35	26	33	11.2	5.120	5.97	1.577
50	37	47	16	7.280	8.53	2.253

hp	kW	kVA	lb	kg	liter	US gal
55	41	51	17.6	8.000	9.36	2.472
60	45	56	19.2	8.720	10.24	2.705
65	48	61	20.8	9.440	11.12	2.938
75	56	70	24	10.880	12.80	3.384
80	60	75	25.6	11.600	13.68	3.616
100	75	93	32	14.400	17.04	4.504

hp	kW	kVA	lb	kg	liter	US gal
120	89	112	38.4	17.600	20.48	5.408
150	112	140	48	21.600	25.60	6.760
200	149	186	64	28.800	34.08	9.000
220	164	205	70.4	32.000	37.52	9.910
300	224	280	96	43.200	51.12	13.500
310	231	289	99.2	44.800	52.88	13.968
350	261	326	112	64.000	51.20	15.768

hp	kW	kVA	lb	kg	liter	US gal
400	298	373	128	58.400	68.24	18.024
450	336	419	144	65.600	76.72	20.264
500	373	466	160	72.800	85.28	22.530
600	447	559	192	87.200	102.40	27.040
750	559	699	240	108.800	128.00	33.840
1000	746	932	320	144.800	170.40	45.040

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Approximate guide only, subject to change without notice