

Tool Energy Comparison Between Kent "F" Series and "G" Series Hammers

Hammer Sales Class		150#	250#	350#	500#	750#	1,000#	1,500#	2,000#	3,000#	4,000#	5,000#	6,000#	8,000#	10,000#
AEM Certified Test Results		KF 1	KF 2	KF 3	KF 4	KF 5	KF 6	KF 9	KF 12	KF 19	KF 22	KF 27	KF 35	KF 45	KF 70
AEM Tool Energy Rating:	<i>in Ft. Lbs.</i>	69.3	97.4	162.0	192.1	277.0	475.9	754.8	1167.0	1548.9	2537.6	2731.8	3298.7	4023.7	5259.6
	<i>in joules</i>	93.9	132.1	219.6	260.4	375.6	645.3	1023.4	1582.3	2100.0	3440.5	3703.8	4472.4	5455.4	7131.0
Tested Flow Rate:	<i>GPM</i>	4.83	7.35	8.96	9.71	11.22	32.08	29.33	34.32	27.98	37.89	35.84	55.47	51.00	89.07
	<i>LPM</i>	18.28	27.84	33.92	36.77	42.48	121.44	111.03	129.92	105.92	143.42	135.67	209.96	193.07	337.16
Tested Striking Rate:	<i>bpm</i>	1282.80	1218.60	1158.60	964.20	771.00	1454.40	867.60	751.20	458.40	450.60	387.00	345.00	298.20	347.40
	<i>f/Hz</i>	21.38	20.31	19.31	16.07	12.85	24.24	14.46	12.52	7.64	7.51	6.45	5.75	4.97	5.79
Supply Line Pressure:	<i>PSI</i>	1969.03	1988.18	1976.86	1983.97	1965.55	2256.64	2108.85	2570.07	2534.24	2556.29	2557.16	2539.03	2553.24	2546.28
	<i>BAR</i>	135.76	137.08	136.30	136.79	135.52	155.59	145.40	177.20	174.73	176.25	176.31	175.06	176.04	175.56

Kent's G Series Hammers have not been Certified by the AEM® method.
These numbers are offered for comparison purposes, only.

Hammer Sales Class		125#	250#	500#	750#	1,250#	2,000#	3,000#	4,000#	5,000#	7,000#	10,000#
		KHB1G	KHB2G	KHB3G	KHB5G	KHB8G	KHB10G	KHB15G	KHB20G	KHB30G	KHB40G	KHB50G
Tool Energy Rating:	<i>in Ft. Lbs.</i>	47.9	65.6	176.3	285.4	480.9	659.4	1137.2	2188.3	3002.6	3546.9	4937.1
	<i>in joules</i>	65.0	89.0	239.0	387.0	652.0	894.0	1541.8	2967.0	4071.0	4809.0	6693.9
Tested Flow Rate:	<i>GPM</i>	5.28	7.93	13.21	17.96	22.45	23.78	31.70	39.63	50.19	66.04	84.54
	<i>LPM</i>	20.00	30.00	50.00	68.00	85.00	90.00	120.00	150.00	190.00	250.00	320.00
Tested Striking Rate:	<i>bpm</i>	1500.00	1500.00	1200.00	900.00	800.00	600.00	550.00	500.00	450.00	400.00	350.00
	<i>f/Hz</i>	25.00	25.00	20.00	15.00	13.33	10.00	9.17	8.33	7.50	6.67	5.83
Supply Line Pressure:	<i>PSI</i>	1740.45	1740.45	1885.49	2030.53	2175.57	2320.60	2465.64	2610.68	2610.68	2610.68	2610.68
	<i>BAR</i>	120.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	180.00	180.00	180.00

KENT's "F" Series data is measured single blow energy, with the flow, pressure, and frequency at which the readings were made.
The figures shown for the KHB "G" Series reflect uncertified data, and should not be considered AEM Impact Energy Ratings