

G-Drive Noise Levels

1500 RPM (50 Hz) operation

Data Values are for an Engine w/"Typical" radiator & fan and are to be used as an Estimate Only.

Cooling System design and Other Accessories will determine final assembly noise.

-- Engine w/"Typical" radiator & fan --										Engine Exhaust @ 1 Meter from Open Stack									
Engine Model	Frequency (Hz) Sound Power dB(A)									Frequency (Hz) Sound Pressure dB(A)									
	63	125	250	500	1000	2000	4000	8000	Overall	63	125	250	500	1000	2000	4000	8000	Overall	
4B3.3	76	84	89	96	98	98	94	90	103	72	89	96	92	101	104	106	99	110	
4BT3.3	74	84	95	95	95	96	92	87	102	69	80	84	94	97	98	96	93	103	
4B3.9	72	87	90	96	101	99	93	90	104	76	87	103	102	104	104	94	81	114	
4BT3.9	72	91	94	98	103	101	97	92	107										
4BTA3.9																			
6BT5.9	75	85	97	103	104	104	99	94	109	64	78	91	86	94	93	91	76	104	
6BTA5.9	71	85	96	100	104	103	99	91	111										
6CT8.3	75	92	101	107	109	108	104	100	114										
6CTA8.3	76	92	97	102	107	106	100	96	111	72	78	93	98	98	102	94	78	109	
6CTAA8.3	73	87	98	104	108	107	103	102	112	80	74	89	98	97	99	102	101	107	
LTA10	61	77	89	95	99	100	95	85	109	---	86	103	112	109	104	101	85	119	
M11	74	89	95	100	106	104	104	96	115	76	77	97	111	105	103	101	86	117	
QSM11	77	94	99	105	109	108	107	102	114	92	108	103	110	107	109	110	103	117	
NT855	78	97	104	103	106	107	105	98	113	108	108	108	110	114	118	116	110	122	
NTA855	78	95	105	104	107	106	103	97	112	106	106	105	110	115	121	119	112	124	
QSX15	81	97	100	106	108	110	104	105	114	80	89	98	101	104	105	97	98	114	
KTA19	76	100	99	105	105	107	103	100	117	82	93	101	109	106	108	101	90	118	
QSK23	73	93	100	104	107	108	104	100	117	79	84	106	104	106	108	107	106	120	
VTA28	72	100	102	103	105	107	104	97	117	66	86	99	104	101	101	99	88	113	
QST30	83	95	104	105	108	108	104	99	118	82	86	99	103	105	104	101	82	117	
KTA38	83	103	106	109	112	114	109	105	118	108	124	114	115	115	118	116	---	126	
KTA50	---	107	109	113	111	111	107	106	118	107	125	116	117	113	115	114	---	127	
KTTA50	96	101	110	113	116	116	112	108	121	110	112	116	109	103	103	103	101	113	
QSK60	109	113	115	113	115	115	109	104	122	96	103	104	108	105	102	92	81	112	

- Notes: - The figures quoted are from a single gen-set test and do not constitute a guarantee of performance for any particular engine. The data is subject to instrumentation, measurement, and engine to engine variability.
- Test reference procedures ISO 3744 and ANSI S12.34-1998 as applicable.
 - All data are "A" weighted and are rounded to the nearest dB.

QSK45 (calculated)	90	99	105	111	114	114	108	103	119	95	102	103	107	104	101	91	80	111
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QSK45 noise data is to be used as an estimate only.