

PACKAGE DATA [57LGE03]

SEPTEMBER 18, 2020

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Feature Code:	57LGE03	Rating Type:	STANDBY	Sales model Package:	DG60-2
Engine Sales Model:	5.7LNA	Engine Arrangement Number:	4830906	Hertz:	60
EKW W/F:	60.0	Noise Reduction:	0 dBA	Back Pressure:	0.0 inH2O

Engine Package Information

Engine Package Data

Package Cooling Information

Open Cooling Data

% Load	Airflow Rate scfm			Ambient Capability Sea Level (Deg F)			Ambient Capability 300 m (Deg F)			Ambient Capability 600 m (Deg F)			Ambient Capability 900 m (Deg F)		
	0	1/2	3/4	0	1/2	3/4	0	1/2	3/4	0	1/2	3/4	0	1/2	3/4
	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O
100.0	7557	6956	6603	127	123	120	123	120	116	120	116	113	116	113	109
75.0	7557	6956	6603	132	129	125	129	125	122	125	122	118	122	118	114
50.0	7557	6956	6603	136	132	131	132	129	127	129	125	123	125	122	120
25.0	7557	6956	6603	141	138	134	138	134	131	134	131	127	131	127	123

SA Level 2 Canopy Cooling Data

% Load	Airflow Rate scfm	Ambient Capability Sea Level (Deg F)	Ambient Capability 300 m (Deg F)	Ambient Capability 600 m (Deg F)	Ambient Capability 900 m (Deg F)
100.0	5897	123	120	116	113
75.0	5897	131	127	123	120
50.0	5897	138	134	131	127
25.0	5897	143	140	136	132

WP Canopy - Industrial Cooling Data

% Load	Airflow Rate scfm	Ambient Capability Sea Level (Deg F)	Ambient Capability 300 m (Deg F)	Ambient Capability 600 m (Deg F)	Ambient Capability 900 m (Deg F)
100.0	6497	125	122	118	114
75.0	6497	127	123	120	116
50.0	6497	129	125	122	118
25.0	6497	129	125	122	118

Package Sound Information

Sound Comments :

Open Sound Data

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
60.0	100.0	91.4	74.2	84.4	89.8	87.4	84.9	85.1	80.6	80.5
45.0	75.0	90.6	73.3	82.2	86.9	85.6	84.4	85.1	80.2	79.3
30.0	50.0	90.1	72.6	81.5	85.1	84.5	84.2	85.0	79.6	78.0
15.0	25.0	89.8	72.1	82.1	84.5	84.1	84.2	84.8	78.9	76.6

Distance: 23.0 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
60.0	100.0	81.4	64.2	74.4	79.8	77.4	74.9	75.1	70.6	70.5
45.0	75.0	80.6	63.3	72.2	76.9	75.6	74.4	75.1	70.2	69.3
30.0	50.0	80.1	62.6	71.5	75.1	74.5	74.2	75.0	69.6	68.0
15.0	25.0	79.8	62.1	72.1	74.5	74.1	74.2	74.8	68.9	66.6

Distance: 49.2 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
60.0	100.0	75.4	58.2	68.4	73.8	71.4	68.9	69.1	64.6	64.5
45.0	75.0	74.6	57.3	66.2	70.9	69.6	68.4	69.1	64.2	63.3
30.0	50.0	74.1	56.6	65.5	69.1	68.5	68.2	69.0	63.6	62.0
15.0	25.0	73.8	56.1	66.1	68.5	68.1	68.2	68.8	62.9	60.6

SA Level 2 Canopy Sound Data

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
60.0	100.0	84.6	85.6	89.0	79.5	78.1	74.1	77.2	79.6	73.7
45.0	75.0	83.8	85.2	88.4	77.4	77.1	73.7	76.7	78.8	72.1
30.0	50.0	82.5	84.0	86.4	76.2	76.4	73.3	75.3	76.3	69.6
15.0	25.0	80.5	82.1	83.0	75.8	76.0	73.1	72.9	72.0	66.0

Distance: 23.0 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
60.0	100.0	69.6	78.5	77.6	69.9	64.5	60.8	61.2	62.0	57.6
45.0	75.0	68.9	78.2	76.6	69.4	64.0	60.3	61.1	61.3	56.3
30.0	50.0	68.0	77.0	74.7	68.5	63.6	59.9	60.1	59.5	54.4
15.0	25.0	66.7	74.9	72.0	67.2	63.4	59.6	58.2	56.5	52.0

Distance: 49.2 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
60.0	100.0	63.6	72.5	71.6	63.9	58.5	54.8	55.2	56.0	51.6
45.0	75.0	62.9	72.2	70.6	63.4	58.0	54.3	55.1	55.3	50.3
30.0	50.0	62.0	71.0	68.7	62.5	57.6	53.9	54.1	53.5	48.4
15.0	25.0	60.7	68.9	66.0	61.2	57.4	53.6	52.2	50.5	46.0

WP Canopy - Industrial Sound Data

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
60.0	100.0	104.6	89.9	106.9	102.7	98.7	96.5	97.2	98.4	91.9
45.0	75.0	103.6	89.3	106.6	100.7	97.4	95.7	96.6	97.6	90.3
30.0	50.0	101.7	88.0	105.4	99.6	95.8	93.8	94.3	94.3	86.9
15.0	25.0	98.9	86.0	103.4	99.2	94.0	90.9	90.4	88.6	81.7

Distance: 23.0 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
60.0	100.0	92.3	83.6	99.5	86.4	84.9	85.2	85.2	84.9	80.4
45.0	75.0	91.2	83.0	99.1	84.6	83.7	84.1	84.5	83.8	78.7
30.0	50.0	89.0	81.5	97.6	83.5	81.9	82.0	81.8	80.2	74.6
15.0	25.0	85.7	79.2	94.9	83.1	79.6	78.9	77.0	74.4	68.3

Distance: 49.2 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
60.0	100.0	86.3	77.6	93.5	80.4	78.9	79.2	79.2	78.9	74.4
45.0	75.0	85.2	77.0	93.1	78.6	77.7	78.1	78.5	77.8	72.7
30.0	50.0	83.0	75.5	91.6	77.5	75.9	76.0	75.8	74.2	68.6
15.0	25.0	79.7	73.2	88.9	77.1	73.6	72.9	71.0	68.4	62.3

Open Exhaust Sound Data

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
60.0	100.0	113.0	108.0	118.0	111.0	110.0	107.0	106.0	101.0	89.0
45.0	75.0	113.0	108.0	118.0	109.0	110.0	107.0	105.0	101.0	89.0
30.0	50.0	111.0	106.0	117.0	107.0	109.0	105.0	104.0	99.0	85.0
15.0	25.0	109.0	101.0	116.0	112.0	106.0	103.0	99.0	92.0	79.0

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