

**PACKAGE DATA [C09DE47]****OCTOBER 13, 2020**For Help Desk Phone Numbers [Click here](#)

Feature Code:	C09DE47	Rating Type:	STANDBY	Sales model Package:	PGS250
Engine Sales Model:	C9	Engine Arrangement Number:	4529865	Hertz:	60
EKW W/F:	250.0	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
100.0	22283	21188	20411	140	140	140	140	140	138	122	122	122	104	104	104
75.0	22283	21188	20411	140	140	140	140	140	140	140	140	140	140	140	140

**SA Level 1 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	12395	127	123	120	104
75.0	12395	140	138	134	131

**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	12395	127	123	120	104
75.0	12395	140	138	134	131

**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	18222	131	127	123	104
75.0	18222	140	140	138	134

**Package Sound Information**

Sound Comments :

**SA Level 1 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
250.0	100.0	85.9	91.4	92.6	89.2	81.3	78.2	76.0	74.4	69.8
187.5	75.0	85.1	91.0	92.0	88.5	80.6	77.4	75.0	73.3	68.2
125.0	50.0	84.5	90.2	91.6	87.9	80.1	77.0	74.3	72.0	66.3
62.5	25.0	84.2	89.1	91.4	87.7	79.9	77.1	73.9	70.5	64.0

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
250.0	100.0	74.2	84.6	82.0	76.8	69.0	66.4	64.7	63.0	57.4
187.5	75.0	73.4	84.7	81.5	76.2	67.9	65.7	63.5	61.9	56.0
125.0	50.0	72.8	84.6	81.2	75.8	67.3	65.3	62.7	60.5	54.2
62.5	25.0	72.5	84.1	81.1	75.5	67.1	65.2	62.2	59.0	51.9

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
250.0	100.0	68.2	78.6	76.0	70.8	63.0	60.4	58.7	57.0	51.4
187.5	75.0	67.4	78.7	75.5	70.2	61.9	59.7	57.5	55.9	50.0
125.0	50.0	66.8	78.6	75.2	69.8	61.3	59.3	56.7	54.5	48.2
62.5	25.0	66.5	78.1	75.1	69.5	61.1	59.2	56.2	53.0	45.9

**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
250.0	100.0	82.8	88.1	90.3	85.6	78.4	76.0	73.2	69.8	66.0
187.5	75.0	82.7	87.1	90.0	85.6	78.4	75.9	73.0	69.2	65.2
125.0	50.0	82.7	86.2	89.8	85.6	78.4	75.9	73.0	68.6	63.8
62.5	25.0	82.7	85.3	89.7	85.6	78.4	76.1	73.2	68.0	62.1

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
250.0	100.0	71.2	81.3	81.0	75.1	66.5	60.0	60.1	57.5	54.8
187.5	75.0	71.2	80.5	80.7	75.2	66.4	59.9	60.2	57.0	54.1
125.0	50.0	71.0	79.7	80.4	75.1	66.4	60.0	60.2	56.3	52.7
62.5	25.0	70.9	79.0	80.1	74.9	66.6	60.3	60.0	55.5	50.8

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
250.0	100.0	65.2	75.3	75.0	69.1	60.5	54.0	54.1	51.5	48.8
187.5	75.0	65.2	74.5	74.7	69.2	60.4	53.9	54.2	51.0	48.1
125.0	50.0	65.0	73.7	74.4	69.1	60.4	54.0	54.2	50.3	46.7
62.5	25.0	64.9	73.0	74.1	68.9	60.6	54.3	54.0	49.5	44.8

**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
250.0	100.0	93.0	92.7	95.1	92.5	89.4	87.7	85.6	80.9	74.9
187.5	75.0	92.9	91.6	94.6	92.1	88.9	87.5	85.9	81.3	74.8
125.0	50.0	92.7	90.4	94.0	91.7	88.7	87.5	85.7	81.2	74.3
62.5	25.0	92.5	89.2	93.3	91.3	88.6	87.6	85.1	80.8	73.4

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
250.0	100.0	82.2	85.4	87.5	80.9	79.1	76.9	74.1	69.5	63.3
187.5	75.0	82.0	84.3	87.1	80.4	78.8	76.6	74.2	69.7	63.0
125.0	50.0	82.0	83.4	86.6	80.0	78.9	76.7	74.3	69.8	62.7
62.5	25.0	82.2	82.5	86.0	79.7	79.3	77.1	74.4	69.7	62.3

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
250.0	100.0	76.2	79.4	81.5	74.9	73.1	70.9	68.1	63.5	57.3
187.5	75.0	76.0	78.3	81.1	74.4	72.8	70.6	68.2	63.7	57.0
125.0	50.0	76.0	77.4	80.6	74.0	72.9	70.7	68.3	63.8	56.7
62.5	25.0	76.2	76.5	80.0	73.7	73.3	71.1	668.4	63.7	56.3

**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
250.0	100.0	124.2	119.8	117.7	121.9	117.7	118.1	119.1	111.9	104.1
187.5	75.0	123.3	120.9	118.6	121.1	117.0	116.6	119.0	111.0	103.0
125.0	50.0	120.2	115.3	115.1	118.5	115.4	115.9	113.5	107.6	99.0
62.5	25.0	118.6	112.5	115.2	115.9	114.5	115.6	110.4	102.3	93.1

**Open Mechanical 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
250.0	100.0	101.0	90.9	93.2	97.5	94.8	94.9	93.9	91.8	94.6
187.5	75.0	100.2	89.8	92.9	97.4	94.7	94.7	93.3	90.5	91.9
125.0	50.0	99.7	88.3	92.3	97.4	94.7	94.7	92.8	89.5	89.1
62.5	25.0	99.4	86.6	91.2	97.5	94.7	94.8	92.4	89.0	86.2

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
250.0	100.0	91.0	80.9	83.2	87.5	84.8	84.9	83.9	81.8	84.6
187.5	75.0	90.2	79.8	82.9	87.4	84.7	84.7	83.3	80.5	81.9
125.0	50.0	89.7	78.3	82.3	87.4	84.7	84.7	82.8	79.5	79.1
62.5	25.0	89.4	76.6	81.2	87.5	84.7	84.8	82.4	79.0	76.2

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
250.0	100.0	85.0	74.9	77.2	81.5	78.8	78.9	77.9	75.8	78.6
187.5	75.0	84.2	73.8	76.9	81.4	78.7	78.7	77.3	74.5	75.9
125.0	50.0	83.7	72.3	76.3	81.4	78.7	78.7	76.8	73.5	73.1
62.5	25.0	83.4	70.6	75.2	81.5	78.7	78.8	76.4	73.0	70.2

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