

PACKAGE DATA [C18DE6D]

NOVEMBER 10, 2021

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Feature Code:	C18DE6D	Rating Type:	STANDBY	Sales model Package:	PGS550
Engine Sales Model:	C18	Engine Arrangement Number:	4206877	Hertz:	60
EKW W/F:	550.0	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	21683	20058	19246	136	131	129	134	129	125	132	127	123	131	123	120
75.0	21683	20058	19246	140	140	140	140	140	140	140	140	140	140	140	136

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	17233	113	111	109	105
75.0	17233	132	131	129	127

Package Sound Information

Sound Comments :

Open Sound Data

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
550.0	100.0	105.1	97.7	96.3	102.4	99.7	99.2	92.9	88.1
412.5	75.0	104.6	96.2	96.0	102.3	99.1	98.5	91.8	89.5
275.0	50.0	103.9	94.6	96.0	102.3	98.5	97.2	90.4	89.0
137.5	25.0	103.5	94.1	96.4	102.2	98.1	96.3	89.5	87.0

Distance: 23.0 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
550.0	100.0	95.1	87.7	86.3	92.4	89.7	89.2	89.9	78.1
412.5	75.0	94.6	86.2	86.0	92.3	89.1	88.5	81.8	79.5
275.0	50.0	93.9	84.6	86.0	92.3	88.5	87.2	80.4	79.0
137.5	25.0	93.0	84.1	86.4	92.2	88.1	86.3	79.5	77.0

Distance: 49.2 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
550.0	100.0	89.1	81.7	80.3	86.4	83.7	83.2	76.9	72.1
412.5	75.0	88.6	80.2	80.0	86.3	83.1	82.5	75.8	73.5
275.0	50.0	87.9	78.6	80.0	86.3	82.5	81.2	74.4	73.0
137.5	25.0	87.5	78.1	80.4	86.2	82.1	80.3	73.5	71.0

SA Level 1 Canopy Sound Data

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
550.0	100.0	87.3	89.3	88.5	85.5	80.7	78.5	74.5	74.1
412.5	75.0	86.9	86.8	88.8	85.0	80.1	78.1	73.2	71.1

Distance: 23.0 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
550.0	100.0	75.3	80.0	77.4	73.8	68.4	64.2	58.9	59.4
412.5	75.0	74.2	76.4	77.2	73.0	66.7	62.5	57.2	57.2

Distance: 49.2 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
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		DB(A)	DB	DB	DB	DB	DB	DB	DB
550.0	100.0	72.6	77.8	74.7	71.1	64.9	61.3	56.7	58.6
412.5	75.0	71.9	75.5	74.2	71.1	64.2	60.3	54.7	54.7

WP Canopy - Critical Sound Data

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
550.0	100.0	97.8	97.3	93.9	95.0	91.0	89.5	88.0	90.6
412.5	75.0	96.7	96.2	93.6	94.5	90.3	88.6	86.5	87.5
275.0	50.0	95.5	94.7	93.3	94.0	89.7	87.4	84.5	83.1
137.5	25.0	95.0	93.7	93.1	93.8	89.4	86.7	83.1	83.1

Distance: 23.0 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
550.0	100.0	86.0	90.1	85.4	81.1	79.9	77.6	76.1	78.0
412.5	75.0	86.1	88.9	85.0	80.9	79.2	76.8	74.9	75.0
275.0	50.0	84.1	87.5	84.5	80.8	78.6	75.9	73.3	70.9
137.5	25.0	83.8	86.7	84.3	80.7	78.5	75.4	72.3	68.5

Distance: 49.2 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
550.0	100.0	80.8	84.1	79.4	75.1	73.9	71.6	70.1	72.0
412.5	75.0	79.1	82.9	79.0	74.9	73.2	70.8	68.9	69.0
275.0	50.0	78.1	81.5	78.5	74.8	72.6	69.9	67.3	64.9
137.5	25.0	81.8	78.3	74.7	72.5	69.4	66.3	66.3	62.5

Open Exhaust Sound Data

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
550.0	100.0	121.8	113.8	117.1	112.0	111.5	109.4	104.7	99.0
412.5	75.0	118.4	102.5	111.1	109.8	109.3	107.1	99.6	83.8
275.0	50.0	114.4	94.5	113.7	105.0	103.8	102.3	91.7	68.6
137.5	25.0	108.1	97.5	103.0	98.2	98.3	99.6	83.3	63.1

Web Master(s): [PSG Web Based Systems Support](#)

Current Date: 11/10/2021, 2:18:45 PM

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