

PACKAGE DATA [C13DE51]

NOVEMBER 10, 2021

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Feature Code:	C13DE51	Rating Type:	STANDBY	Sales model Package:	PGS400S
Engine Sales Model:	C13	Engine Arrangement Number:	4343726	Hertz:	60
EKW W/F:	400.0	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	17021	14055	12289	141	136	134	138	132	131	134	129	127	131	125	123
75.0	17021	14055	12289	156	150	149	152	147	145	149	143	141	145	140	138
50.0	17021	14055	12289	168	165	161	165	161	158	161	158	154	158	154	150
25.0	17021	14055	12289	183	177	176	179	174	172	176	170	168	172	167	165

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	18010	136	134	122	113
75.0	18010	140	140	140	140

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	15255	132	131	122	113
75.0	15255	140	140	140	138

WP Canopy - Critical 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	17904	131	129	122	113
75.0	2118	140	140	140	138

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
400.0	100.0	103.1	96.2	99.6	96.9	96.6	96.3	93.7	96.4
300.0	75.0	103.0	94.5	99.6	96.6	96.3	95.3	92.7	98.5
200.0	50.0	102.4	93.2	99.5	96.4	96.0	94.4	91.3	96.9
100.0	25.0	101.5	92.2	99.3	96.2	95.7	93.7	89.7	91.4

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
400.0	100.0	93.1	86.2	89.6	86.9	86.6	86.3	83.7	86.4
300.0	75.0	93.0	84.5	89.6	86.6	86.3	85.3	82.7	88.5
200.0	50.0	92.4	83.2	89.5	86.4	86.0	84.4	81.3	86.9
100.0	25.0	91.5	82.2	89.3	86.2	85.7	83.7	79.7	81.4

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
400.0	100.0	87.1	80.2	83.6	80.9	80.6	80.3	77.7	80.4
300.0	75.0	87.0	78.5	83.6	80.6	80.3	79.3	76.7	82.5
200.0	50.0	86.4	77.2	83.5	80.4	80.0	78.4	75.3	80.9
100.0	25.0	85.5	76.2	83.3	80.2	79.7	77.7	73.7	75.4

SA Level 1 Canopy Sound Data

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
400.0	100.0	75.0	72.4	71.1	66.4	63.6	62.8	56.8	69.9
300.0	75.0	74.0	73.3	69.6	62.3	59.5	73.9	55.4	68.8
200.0	50.0	73.0	72.8	69.0	62.0	59.2	56.9	53.3	53.5
100.0	25.0	71.0	71.4	68.5	61.5	59.2	71.4	52.7	44.1

SA Level 2 Canopy Sound Data

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
400.0	100.0	70.0	74.0	67.0	58.0	55.0	54.0	51.0	61.0
300.0	75.0	70.0	74.0	67.0	57.0	56.0	54.0	51.0	61.0

WP Canopy - Critical Sound Data

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
400.0	100.0	88.0	76.0	77.0	72.0	72.0	70.0	69.0	86.0
300.0	75.0	86.0	76.0	77.0	72.0	72.0	70.0	68.0	84.0
200.0	50.0	86.0	75.0	77.0	71.0	72.0	69.0	66.0	68.0
100.0	25.0	81.0	74.0	76.0	71.0	72.0	69.0	65.0	58.0

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
400.0	100.0	122.0	126.0	120.0	121.0	116.0	113.0	108.0	100.0
300.0	75.0	118.0	124.0	114.0	115.0	111.0	111.0	105.0	95.0
200.0	50.0	113.0	120.0	111.0	110.0	106.0	107.0	100.0	88.0
100.0	25.0	108.0	115.0	110.0	105.0	100.0	101.0	93.0	81.0

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