

PACKAGE DATA [C13DE50]

NOVEMBER 10, 2021

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Feature Code:	C13DE50	Rating Type:	STANDBY	Sales model Package:	PGS350S
Engine Sales Model:	C13	Engine Arrangement Number:	4343726	Hertz:	60
EKW W/F:	350.0	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	17021	14055	12289	149	143	141	145	140	138	141	136	134	138	132	131
75.0	17021	14055	12289	161	156	152	158	152	149	154	149	145	150	145	141
50.0	17021	14055	12289	172	168	165	168	165	161	165	161	158	161	158	154
25.0	17021	14055	12289	185	179	177	181	176	174	177	172	170	174	168	167

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	138	136	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	138	136	122	113
75.0	15255	140	140	140	140

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	138	136	122	113
75.0	17904	140	140	140	140

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
350.0	100.0	103.1	95.3	99.6	96.7	96.5	95.8	93.2	97.9
262.5	75.0	102.8	94.0	99.6	96.5	96.2	94.9	92.2	98.3
175.0	50.0	102.2	92.9	99.5	96.3	95.9	94.2	90.9	95.9
87.5	25.0	101.3	92.1	99.3	96.2	95.6	93.6	89.5	90.5

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
350.0	100.0	93.1	85.3	89.6	86.7	86.5	85.8	83.2	87.9
262.5	75.0	92.8	84.0	89.6	86.5	86.2	84.9	82.2	88.3
175.0	50.0	92.2	82.9	89.5	86.3	85.9	84.2	80.9	85.9
87.5	25.0	91.3	82.1	89.3	86.2	85.6	83.6	79.5	80.5

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
350.0	100.0	87.1	79.3	83.6	80.7	80.5	79.8	77.2	81.9
262.5	75.0	86.8	78.0	83.6	80.5	80.2	78.9	76.2	82.3
175.0	50.0	86.2	76.9	83.5	80.3	79.9	78.2	74.9	79.9
87.5	25.0	85.3	76.1	83.3	80.2	79.6	77.6	73.5	74.5

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
350.0	100.0	74.0	72.8	69.8	62.2	59.4	59.6	55.8	69.5
262.5	75.0	74.0	74.9	73.1	69.5	62.1	59.7	57.4	72.6
175.0	50.0	72.0	72.4	68.8	61.9	59.4	56.8	52.9	46.8
87.5	25.0	71.0	72.0	68.6	61.4	59.4	56.9	53.1	44.2

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
350.0	100.0	70.0	73.0	77.1	58.0	56.0	53.0	51.0	62.0
262.5	75.0	69.0	73.0	75.9	58.0	55.0	53.0	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
350.0	100.0	87.0	76.0	77.0	72.0	72.0	70.0	69.0	85.0
262.5	75.0	87.0	79.0	77.0	72.0	72.0	70.0	68.0	84.0
175.0	50.0	83.0	75.0	77.0	71.0	72.0	69.0	65.0	62.0
87.5	25.0	81.0	74.0	76.0	70.0	72.0	69.0	66.0	58.0

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