

# PACKAGE DATA [C15DECF]

NOVEMBER 10, 2021

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<b>Feature Code:</b>	C15DECF	<b>Rating Type:</b>	STANDBY	<b>Sales model Package:</b>	PGS500
<b>Engine Sales Model:</b>	C15	<b>Engine Arrangement Number:</b>	4206876	<b>Hertz:</b>	60
<b>EKW W/F:</b>	500.0	<b>Noise Reduction:</b>	0 dBA	<b>Back Pressure:</b>	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	29770	27827	26909	140	140	136	131	131	131	113	113	113	95	95	95
75.0	29770	27827	26909	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	26415	118	116	104	95
75.0	26415	138	136	136	134

### 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	26415	131	129	127	125

## Package Sound Information

**Sound Comments :** 1m - ISO 8528-10, 15-Pt. grid; 7m - SAE J1074, 4-Pt. spatial average; 15m - calculated from 7m data (free field dispersion)

## Open Sound Data

**Distance:** 3.3 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	105.0	95.0	99.0	98.0	100.0	98.0	93.0	100.0
375.0	75.0	104.0	94.0	99.0	98.0	99.0	96.0	92.0	97.0
250.0	50.0	102.0	93.0	98.0	98.0	98.0	95.0	90.0	91.0
125.0	25.0	102.0	92.0	99.0	98.0	98.0	94.0	90.0	87.0

**Distance:** 23.0 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	95.0	85.0	89.0	88.0	90.0	88.0	83.0	90.0
375.0	75.0	94.0	84.0	89.0	88.0	89.0	86.0	82.0	87.0
250.0	50.0	92.0	83.0	88.0	88.0	88.0	85.0	70.0	81.0
125.0	25.0	92.0	82.0	89.0	88.0	88.0	84.0	80.0	77.0

**Distance:** 49.2 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	89.0	79.0	83.0	82.0	84.0	82.0	77.0	84.0
375.0	75.0	88.0	78.0	83.0	82.0	83.0	80.0	76.0	81.0
250.0	50.0	86.0	77.0	82.0	82.0	82.0	79.0	74.0	75.0
125.0	25.0	86.0	76.0	83.0	82.0	82.0	78.0	74.0	71.0

## SA Level 1 Canopy Sound Data

**Distance:** 3.3 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	87.0	88.0	88.0	83.0	80.0	79.0	73.0	76.0
375.0	75.0	86.0	86.0	88.0	83.0	80.0	77.0	72.0	76.0
250.0	50.0	85.0	84.0	88.0	83.0	79.0	77.0	71.0	72.0
125.0	25.0	85.0	83.0	87.0	82.0	79.0	76.0	71.0	65.0

**Distance:** 23.0 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	75.0	78.0	78.0	70.0	67.0	67.0	61.0	68.0
375.0	75.0	74.0	75.0	78.0	70.0	67.0	65.0	59.0	64.0
250.0	50.0	74.0	74.0	77.0	69.0	66.0	65.0	58.0	65.0

125.0 25.0 73.0 73.0 77.0 69.0 66.0 64.0 60.0 52.0

**Distance:** 49.2 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	69.0	71.0	71.0	64.0	61.0	61.0	54.0	61.0
375.0	75.0	67.0	69.0	71.0	63.0	60.0	59.0	53.0	57.0
250.0	50.0	67.0	67.0	71.0	62.0	59.0	58.0	52.0	58.0
125.0	25.0	66.0	67.0	70.0	62.0	59.0	58.0	53.0	46.0

**SA Level 2 Canopy Sound Data**

**Distance:** 3.3 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	86.0	88.0	88.0	84.0	80.0	77.0	73.0	69.0
375.0	75.0	86.0	87.0	88.0	84.0	80.0	76.0	72.0	68.0
250.0	50.0	85.0	86.0	88.0	83.0	79.0	76.0	71.0	67.0
125.0	25.0	86.0	85.0	88.0	83.0	80.0	76.0	71.0	66.0

**Distance:** 23.0 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	72.0	78.0	75.0	68.0	65.0	63.0	58.0	55.0
375.0	75.0	71.0	77.0	75.0	67.0	65.0	62.0	57.0	54.0
250.0	50.0	71.0	75.0	75.0	67.0	64.0	60.0	57.0	53.0
125.0	25.0	71.0	74.0	75.0	67.0	64.0	61.0	56.0	51.0

**Distance:** 49.2 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	65.0	71.0	69.0	62.0	58.0	56.0	52.0	48.0
375.0	75.0	65.0	70.0	69.0	61.0	58.0	55.0	51.0	47.0
250.0	50.0	64.0	69.0	68.0	60.0	57.0	54.0	50.0	46.0
125.0	25.0	64.0	68.0	69.0	61.0	58.0	54.0	50.0	44.0

**WP Canopy - Industrial Sound Data**

**Distance:** 3.3 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	97.0	93.0	95.0	93.0	92.0	91.0	86.0	85.0
375.0	75.0	96.0	91.0	95.0	93.0	91.0	90.0	85.0	82.0

250.0	50.0	95.0	90.0	94.0	92.0	91.0	88.0	83.0	78.0
125.0	25.0	95.0	89.0	94.0	92.0	90.0	87.0	82.0	77.0

**Distance:** 23.0 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	87.0	85.0	85.0	82.0	83.0	80.0	76.0	74.0
375.0	75.0	86.0	84.0	85.0	81.0	82.0	79.0	75.0	71.0
250.0	50.0	85.0	83.0	84.0	81.0	81.0	78.0	74.0	68.0
125.0	25.0	85.0	83.0	84.0	80.0	81.0	78.0	73.0	67.0

**Distance:** 49.2 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	81.0	79.0	79.0	76.0	77.0	74.0	70.0	68.0
375.0	75.0	80.0	78.0	79.0	75.0	76.0	73.0	69.0	65.0
250.0	50.0	79.0	77.0	78.0	75.0	75.0	72.0	68.0	62.0
125.0	25.0	79.0	77.0	78.0	74.0	75.0	72.0	67.0	61.0

### Open Exhaust Sound Data

**Distance:** 3.3 Feet

<b>EKW W/F</b>	<b>% LOAD</b>	<b>OVERALL SOUND DB(A)</b>	<b>OBCF 125HZ DB</b>	<b>OBCF 250HZ DB</b>	<b>OBCF 500HZ DB</b>	<b>OBCF 1000HZ DB</b>	<b>OBCF 2000HZ DB</b>	<b>OBCF 4000HZ DB</b>	<b>OBCF 8000HZ DB</b>
500.0	100.0	116.0	115.0	120.0	114.0	110.0	106.0	100.0	93.0
375.0	75.0	116.0	115.0	119.0	114.0	109.0	105.0	100.0	91.0
250.0	50.0	111.0	99.0	111.0	109.0	105.0	104.0	96.0	80.0
125.0	25.0	106.0	93.0	108.0	104.0	101.0	99.0	88.0	60.0

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