

# PACKAGE DATA [C18DE6E]

NOVEMBER 10, 2021

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Feature Code:	C18DE6E	Rating Type:	STANDBY	Sales model Package:	PGS600
Engine Sales Model:	C18	Engine Arrangement Number:	4206877	Hertz:	60
EKW W/F:	600.0	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	21683	20058	19246	134	127	125	113	113	113	95	95	86	77	77	77
75.0	21683	20058	19246	140	140	140	140	140	138	140	140	136	140	138	132

### 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	109	107	86	77
75.0	17233	129	127	125	122

## Package Sound Information

Sound Comments :

## 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>
600.0	100.0	105.3	98.5	96.5	102.4	100.0	99.6	93.5	87.0
450.0	75.0	104.8	96.7	96.1	102.3	99.3	98.7	92.2	89.2
300.0	50.0	104.0	94.8	96.0	102.3	98.6	97.4	90.6	89.3
150.0	25.0	103.6	94.1	96.3	102.2	98.2	96.4	89.6	87.3

**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>
600.0	100.0	95.3	88.5	86.5	92.4	90.0	89.6	83.5	77.0
450.0	75.0	94.8	86.7	86.1	92.3	89.3	88.7	82.2	79.2
300.0	50.0	94.0	84.8	86.0	92.3	88.6	87.4	80.6	79.3
150.0	25.0	93.6	84.1	86.3	92.2	88.2	86.4	79.6	77.3

**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>
600.0	100.0	89.3	82.5	80.5	86.4	84.0	83.6	77.5	71.0
450.0	75.0	88.8	80.7	80.1	86.3	83.3	82.7	76.2	73.2
300.0	50.0	88.0	78.8	80.0	86.3	82.6	81.4	74.6	73.3
150.0	25.0	87.6	78.1	80.3	86.2	82.2	80.4	73.6	71.3

## 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>
600.0	100.0	87.6	90.0	89.1	85.5	80.8	78.6	74.7	74.5
450.0	75.0	87.1	87.9	88.8	85.2	80.3	78.4	73.8	72.3
300.0	50.0	86.7	86.1	88.2	85.1	80.3	78.1	72.8	70.1
150.0	25.0	86.7	85.2	88.5	85.1	80.5	78.1	72.0	68.2

**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>
600.0	100.0	75.4	81.1	77.1	73.6	68.3	64.5	59.5	60.4
450.0	75.0	74.8	78.1	77.4	73.6	67.4	63.3	57.7	57.2
300.0	50.0	74.1	75.8	77.1	73.1	66.8	62.3	56.4	55.5

150.0 25.0 73.9 75.5 76.8 73.1 66.9 62.8 56.2 52.5

**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>
600.0	100.0	72.8	78.5	75.1	71.1	64.8	61.5	57.2	59.3
450.0	75.0	72.0	76.4	74.3	70.9	64.1	60.6	55.3	56.5
300.0	50.0	71.7	75.1	73.9	71.2	64.3	60.2	54.1	52.8
150.0	25.0	71.6	74.0	74.1	71.2	64.2	60.2	53.7	49.4

**WP Canopy - Critical 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>
600.0	100.0	98.3	97.8	94.1	95.2	91.4	89.9	88.6	92.0
450.0	75.0	97.1	96.6	93.7	94.7	90.6	89.0	87.0	88.6
300.0	50.0	95.7	94.9	93.3	94.1	89.7	87.6	84.8	83.7
150.0	25.0	95.0	93.8	93.1	93.8	89.4	86.8	83.3	80.6

**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>
600.0	100.0	86.5	90.6	85.6	81.2	80.3	78.0	76.7	79.5
450.0	75.0	85.4	89.3	85.2	81.0	79.4	77.1	75.3	76.1
300.0	50.0	84.3	87.7	84.6	80.8	78.7	76.0	73.5	71.4
150.0	25.0	83.8	86.8	84.3	80.7	78.5	75.5	72.4	68.8

**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>
600.0	100.0	80.5	84.6	79.6	75.2	74.3	72.0	70.7	73.5
450.0	75.0	79.4	83.3	79.2	75.0	73.4	71.1	69.3	70.1
300.0	50.0	78.3	81.7	78.6	74.8	72.7	70.0	67.5	65.4
150.0	25.0	77.8	80.8	78.3	74.7	72.5	69.5	66.4	62.8

**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>
600.0	100.0	121.6	128.2	121.3	114.6	116.1	114.3	114.0	103.6
450.0	75.0	118.4	127.0	119.0	113.9	113.3	111.6	104.7	90.3

300.0	50.0	114.4	121.2	117.6	110.1	108.9	106.9	99.4	77.8
150.0	25.0	108.1	114.9	109.8	102.9	102.5	102.4	89.7	70.3

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