

## PACKAGE DATA [C27DRA1]

**NOVEMBER 10, 2021**

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<b>Feature Code:</b>	C27DRA1	<b>Rating Type:</b>	STANDBY	<b>Sales model Package:</b>	C27 SR5
<b>Engine Sales Model:</b>	C27 T2/ESE	<b>Engine Arrangement Number:</b>	3495619	<b>Hertz:</b>	60
<b>EKW W/F:</b>	800.0	<b>Noise Reduction:</b>	0 dBA	<b>Back Pressure:</b>	0.0 inH2O

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### Engine Package Information

Engine Package Data

### Package Cooling Information

Data not available.

### Package Sound Information

**Sound Comments :** As per SAE J1074 Standard

## 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>
800.0	100.0	108.0	107.1	102.5	102.5	104.0	100.8	96.5	97.3
600.0	75.0	107.6	106.9	101.9	102.4	104.0	100.5	95.3	92.8
400.0	50.0	107.3	106.6	101.6	102.2	104.0	100.3	94.4	89.9
200.0	25.0	107.2	106.1	101.7	102.2	104.0	100.2	94.1	88.3

**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>
800.0	100.0	98.0	97.1	92.5	92.6	94.0	90.8	86.5	87.3
600.0	75.0	97.6	96.9	91.9	92.4	94.0	90.5	85.3	82.8
400.0	50.0	97.3	96.6	91.6	92.2	94.0	90.3	84.4	79.8
200.0	25.0	97.2	96.1	91.7	92.2	94.0	90.2	84.1	78.3

**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>
800.0	100.0	92.0	91.1	86.5	86.6	88.0	84.8	80.5	81.3
600.0	75.0	91.6	90.9	85.9	86.4	88.0	84.5	79.3	76.8
400.0	50.0	91.3	90.6	85.6	86.2	88.0	84.3	78.4	73.8
200.0	25.0	91.2	90.1	85.7	86.2	88.0	84.2	78.1	72.3

## 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>
800.0	100.0	88.6	94.3	91.1	87.5	81.4	75.8	70.1	67.8
600.0	75.0	87.5	73.3	89.6	87.2	79.6	74.2	67.9	64.4
400.0	50.0	88.2	93.8	88.1	88.2	81.2	75.9	69.6	65.9
200.0	25.0	87.2	94.5	87.0	86.5	80.6	75.2	67.9	63.9

**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>
800.0	100.0	75.0	81.6	78.0	73.2	67.2	62.4	56.5	56.5
600.0	75.0	74.8	81.7	76.8	74.1	66.5	61.6	55.5	52.8
400.0	50.0	75.1	83.6	77.1	73.6	67.7	62.1	56.8	52.0

200.0 25.0 74.7 83.8 77.1 72.4 67.3 62.2 55.8 50.6

**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
800.0	100.0	73.7	82.9	76.4	72.7	63.6	59.4	53.4	52.7
600.0	75.0	73.6	81.7	74.9	73.7	63.2	58.7	52.9	49.5
400.0	50.0	73.1	82.0	74.4	72.7	64.0	59.3	53.7	49.0
200.0	25.0	72.8	82.4	75.0	71.5	63.6	59.2	52.9	48.0

**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
800.0	100.0	110.0	100.1	109.7	105.9	104.7	104.3	95.0	75.8

**Open Mechanical 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
800.0	100.0	101.6	95.2	94.6	95.6	96.9	94.7	91.8	90.4

**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
800.0	100.0	91.4	86.8	85.6	85.7	87.0	84.7	80.5	78.5

**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
800.0	100.0	85.0	81.6	80.7	79.1	81.1	77.7	73.9	68.5