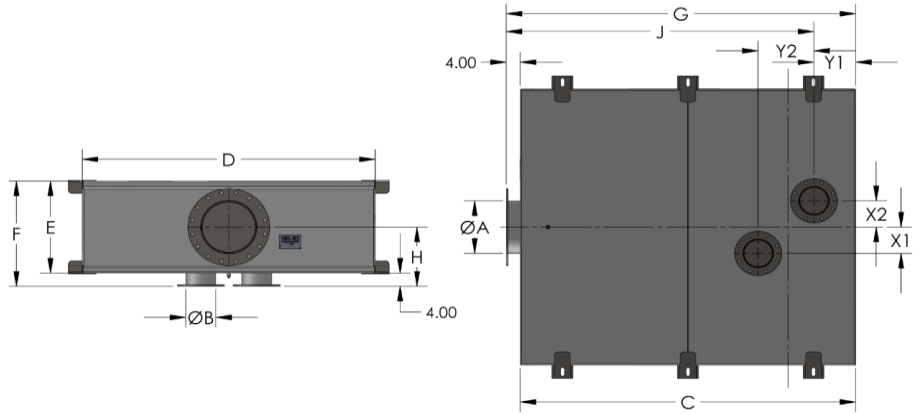


ADVANCED EXHAUST SOLUTIONS

Application

AES disk silencers offer broad range acoustic performance in a compact, thermally insulated package. AES Caterpillar engine specific disk silencers are designed to the unique exhaust and performance requirements of your Caterpillar application.



Part Number (Click for PDF)	Engine	Inlet Configuration	Inlet Size (B)	Outlet Size (A)	Length (C)	Width (D)	Thickness (E)	F	G	H	J	X1	X2	Y1	Y2	Weight	DXF	STEP
000-005-651	C7.1	Single	5	6	48	42	20	24	52.25	14	40.25	10.17	---	12	---	939	DXF	STEP
000-005-652	C9	Single	6	8	48	42	22	26	52.25	15	40.25	---	12	12	---	1009	DXF	STEP
000-005-653	C15	Single	8	10	60	60	24	28	64.25	16	52.25	---	13	12	---	1560	DXF	STEP
000-005-654	C18	Single	8	10	60	60	24	28	64.25	16	52.25	---	14	12	---	1548	DXF	STEP
000-005-655	C27	Single	10	12	72	72	26	30	76.25	17	64.25	0	0	12	---	2140	DXF	STEP
000-005-656	C32	Single	10	16	72	78	28	32	76.25	18	64.25	0	0	12	---	2394	DXF	STEP
000-005-657	3512C	Dual	8	18	96	84	30	34	100.25	19	88.25	10.23	10.23	12.00	0.00	3106	DXF	STEP
000-005-658	3516C	Dual	10	20	96	96	34	38	100.25	21	88.25	10.23	10.23	12.00	0.00	3656	DXF	STEP
000-005-659	3516C-HD	Dual	12	22	96	96	36	40	100.25	22	88.25	10.23	10.23	12.00	0.00	3889	DXF	STEP
000-005-660	C175-16	Quad	10	26	96	96	40	44	100.25	24	88.25	*	See Drawing	*	4127	DXF	STEP	
000-005-661	C175-20	Dual	18**	28	96	96	42	46	100.25	25	88.25	19.25	19.25	12.00	0.00	4336	DXF	STEP

All dimensions are in inches, all weights are in pounds and are approximate.

Overall insertion loss is approximate, and is system dependent.

The information provided in this document is intended for informational purposes only and is subject to change without notice.

* Quad inlet design does not require Caterpillar factory exhaust manifold.

** Requires Caterpillar factory exhaust manifold.

Silencer Design

- Carbon Steel Service Temp Limits
900° F Continuous
1000° F Intermittent
- 125/150# ANSI Flange Bolt Pattern
- Thermal/Acoustically Insulated
- 0.50" NPT Drain
- High Temp Black Paint (rated to 1200° F)
- Standard Top and Bottom Mounting Lugs
- Continuously Welded Construction

Silencer Options

- 304SS, 316SS and 321SS construction
- Aluminum Thermal Spray Coat Finish
- High Performance Ceramic Coating
- Dual Inlet and Outlet Configurations
- Custom Mounting /Structural Upfitting
- Flush Inlet Flange with Weld Nuts
- Custom Integral Emissions Modules
- Spark Arresting Capable

Class 7 Rectangular Transmission Loss Curve

