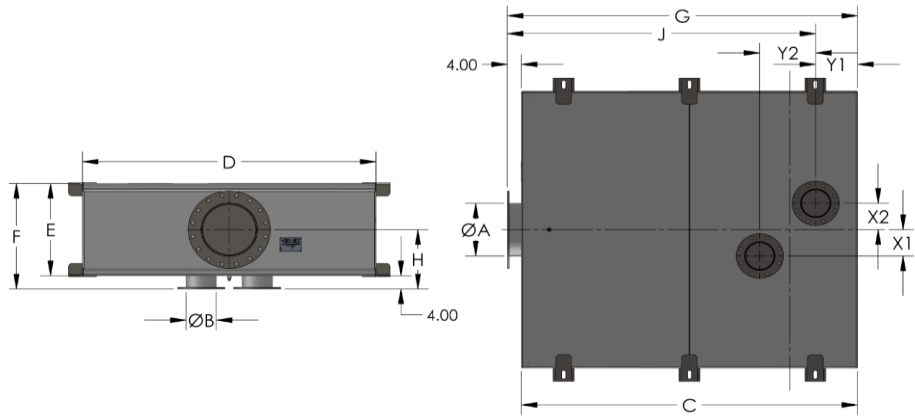


Application

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
000-005-640	C7.1	Single	5	5	48	42	18	22	52.25	13	40.25	10.17	---	12	---	860	DXF	STEP
000-005-641	C9	Single	6	6	48	42	20	24	52.25	14	40.13	---	12	12	---	908	DXF	STEP
000-005-642	C15	Single	8	10	60	60	22	26	64.25	15	52.25	---	13	12	---	1435	DXF	STEP
000-005-643	C18	Single	8	10	60	60	22	26	64.25	15	64.25	---	14	12	---	1436	DXF	STEP
000-005-644	C27	Single	10	12	72	72	24	28	76.25	16	64.25	0	0	12	---	1971	DXF	STEP
000-005-645	C32	Single	10	14	72	78	26	30	76.25	17	64.25	0	0	12	---	2194	DXF	STEP
000-005-646	3512C	Dual	8	16	96	84	28	32	100.25	18	88.25	10.23	10.23	12.00	0.00	2896	DXF	STEP
000-005-647	3516C	Dual	10	18	96	96	30	34	100.25	19	88.25	10.23	10.23	12.00	0.00	3415	DXF	STEP
000-005-648	3516C-HD	Dual	12	20	96	96	32	36	100.25	20	88.25	10.23	10.23	12.00	0.00	3444	DXF	STEP
000-005-649	C175-16	Quad	10*	24	96	96	36	40	100.25	22	88.25	*	See Drawing	*	3702	DXF	STEP	
000-005-650	C175-20	Dual	18**	26	96	96	38	42	100.25	23	78.25	19.25	19.25	22.00	0.00	3920	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 6 Rectangular Transmission Loss Curve

