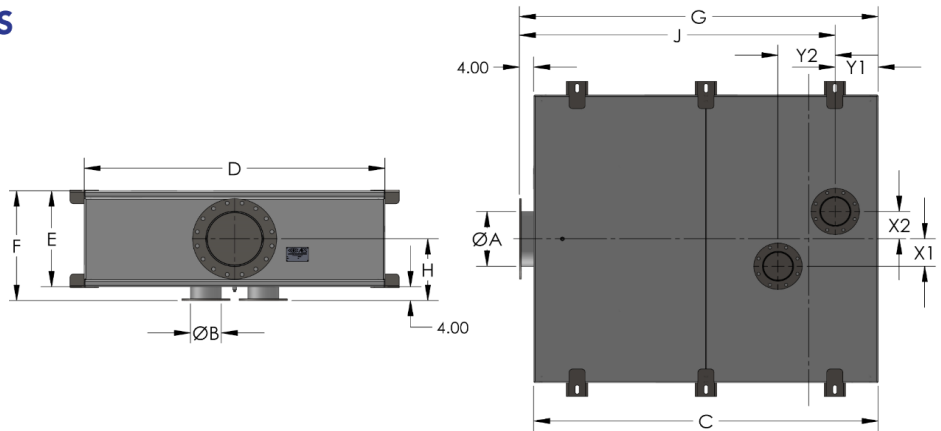


ADVANCED EXHAUST SOLUTIONS

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	Outlet Size (A)	Inlet Size (B)	Length (C)	Width (D)	Thickness (E)	F	G	H	J	X1	X2	Y1	Y2	Weight	DXF	STEP
000-005-662	C7.1	Single	6	5	84	42	22	26	88.50	15	76.50	10.17	---	12	---	1566	DXF	STEP
000-005-663	C9	Single	8	6	84	42	24	28	88.50	16	76.50	---	12	12	---	1667	DXF	STEP
000-005-664	C15	Single	12	8	96	60	28	32	100.50	18	88.50	---	13	12	---	2482	DXF	STEP
000-005-665	C18	Single	12	8	96	60	28	32	100.50	18	88.50	---	14	12	---	2483	DXF	STEP
000-005-666	C27	Single	14	10	132	72	30	34	124.50	19	136.50	0.00	0	12	---	3791	DXF	STEP
000-005-667	C32	Single	16	10	132	78	32	36	136.50	20	124.50	0.00	0	12	---	3995	DXF	STEP
000-005-668	3512C	Dual	20	8	144	84	36	40	148.5	22	136.50	10.23	10.23	12.00	0.00	4984	DXF	STEP
000-005-669	3516C	Dual	22	10	144	96	38	42	148.5	23	136.50	10.23	10.23	12.00	0.00	5518	DXF	STEP
000-005-670	3516C-HD	Dual	26	12	144	96	40	44	148.5	24	136.50	10.23	10.23	12.00	0.00	5634	DXF	STEP
000-005-671	C175-16	Quad	28	10	144	96	44	48	148.5	26	136.50	*	See Drawing	*	6048	DXF	STEP	
000-005-672	C175-20	Dual	30	18**	144	96	46	50	148.5	27	136.50	19.25	19.25	12.00	0.00	6299	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 8 Rectangular Transmission Loss Curve

