



GT™ EXHAUST



**THERMAL
PRODUCTS** INC.
Engineered Solutions To
Industrial Applications



SERENITY™ Disk Silencer Catalog

Silex

INNOVATIONS

NGP036



GT Exhaust and Silex are divisions of Nelson Global Products

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SERENITY™ Disk Grade Options

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SERENITY™

Part number convention

<u>SERENITY</u>	<u>INSULATION</u>	<u>GRADE</u>
A401-4200	NONE	RESIDENTIAL
A401-C1-4100	1"	RESIDENTIAL
A401-5200	NONE	CRITICAL
A401-C1-5100	1"	CRITICAL
A401-C2-5100	2"	CRITICAL
A401-C1-6100	1"	SUPER CRITICAL
A401-C2-6100	2"	SUPER CRITICAL
A411	DESIGNATES DUAL CUMMINS INLETS	
A416	DESIGNATES DUAL CAT INLETS	
A418	DESIGNATES MTU INLETS	
A402	DESIGNATES SPARK ARRESTOR	
FM	SUFFIX DESIGNATES FLUSH MOUNT FLANGE	
TOP	TOP MOUNTING BRACKET LOCATION	
BOT	BOTTOM MOUNTING BRACKET LOCATIONS	
NB	NO BRACKET	
<i>EXAMPLE A401-C2-6114-2-FM-TOP-S304</i>		

For further information on quotes, please contact a Product Specialist



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GT Phone: 1-888-894-3726
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RESIDENTIAL GRADE SERENITY™ DISK SILENCER

20 to 26 dBA Noise Reduction No Thermal Packing

EGSA Class 3

A401-4200

APPLICATION

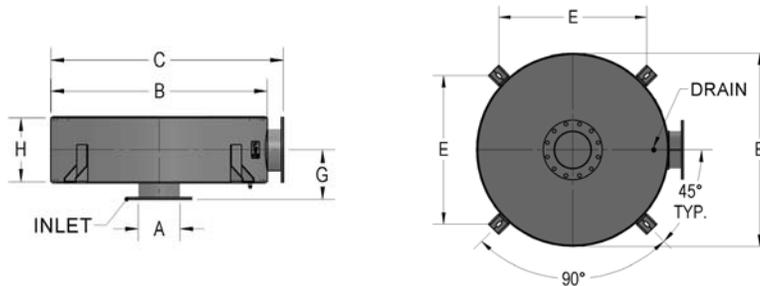
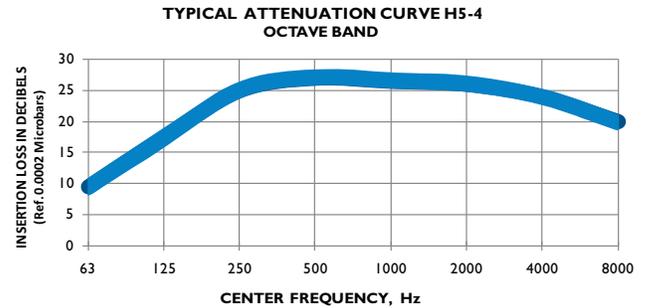
Serenity™ disk silencers feature a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

CONSTRUCTION

A residential grade low-profile disk silencer without internal insulation. The A401-4200 is ideal for enclosures or restricted applications where heat loss is not a critical factor. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Aluminized steel construction with a high heat finish. Flanged inlet and outlet standard. Additional connections, as well as flush mounted inlets, are available. Stainless steel available, consult factory for details.



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
A401-4204	4	22	24	18.12	7.5	7	74
A401-4205	5	25	29	20.24	8	8	89
A401-4206	6	28	32	22.36	8.5	9	106
A401-4208	8	35	39	27.31	10	12	161
A401-4210	10	41	45	31.55	11	14	214
A401-4212	12	46	50	35.09	12.5	17	276
A401-4214	14	52	56	39.33	13	18	342
A401-4216	16	59	63	44.28	14.5	21	432
A401-4218	18	65	69	48.53	15.5	23	624
A401-4220	20	70	74	52.06	16.5	25	723
A401-4222	22	76	80	56.30	17.5	27	840
A401-4224	24	84	88	61.96	18.5	29	1283

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. A401-4216-BOT)

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RESIDENTIAL GRADE SERENITY™ DISK SILENCER

22 to 28 dBA Noise Reduction 1" Thermal Packing

EGSA Class 3

A401-C1-4100

APPLICATION

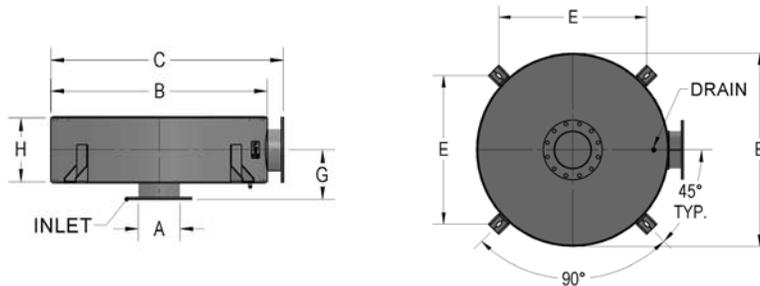
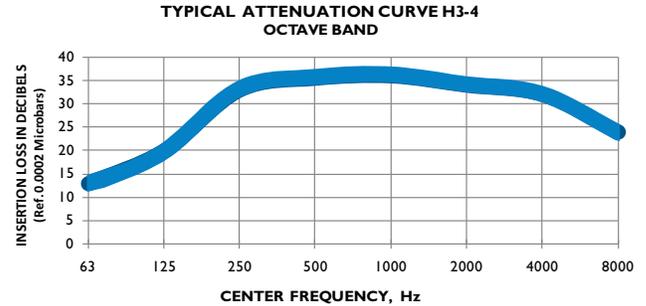
Serenity™ disk silencers feature improved insulation capabilities and advanced heat retention in a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 1" thick packed shell provides a reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Comes with the option of top or bottom mounted brackets, or no brackets.

FINISH AND OPTIONAL MATERIALS

Aluminized steel construction with a high heat finish. Flanged inlet and outlet standard. Additional connections, as well as flush mounted inlets, are available. Stainless steel available, consult factory for details.



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
A401-C1-4104	4	22	26	18.12	7.5	7	98
A401-C1-4105	5	25	29	20.24	8	8	121
A401-C1-4106	6	28	32	22.36	8.5	9	147
A401-C1-4108	8	35	39	27.31	10	12	231
A401-C1-4110	10	41	45	31.55	11	14	313
A401-C1-4112	12	46	50	35.09	12.5	17	407
A401-C1-4114	14	52	56	39.33	13	18	507
A401-C1-4116	16	59	63	44.28	14.5	21	651
A401-C1-4118	18	65	69	49.29	15.5	23	890
A401-C1-4120	20	70	74	52.06	16.5	25	1035
A401-C1-4122	22	76	80	56.30	17.5	27	1210
A401-C1-4124	24	84	88	61.96	18.5	29	1732

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. A401-C1-4116-BOT)

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CRITICAL GRADE SERENITY™ DISK SILENCER

24 to 30 dBA Noise Reduction No Thermal Packing

EGSA Class 4

A401-5200

APPLICATION

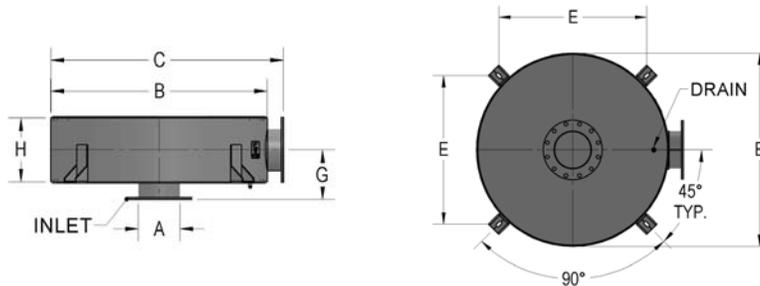
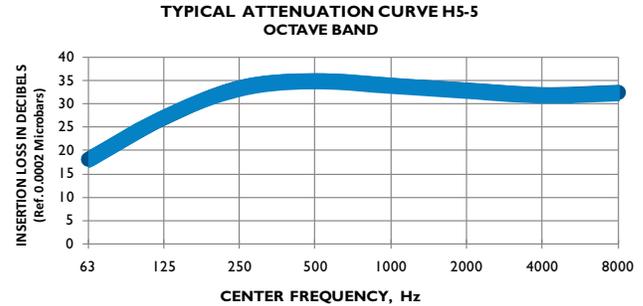
Serenity™ disk silencers feature a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

CONSTRUCTION

A critical grade low-profile disk silencer without internal insulation. The A401-5200 is ideal for enclosures or restricted applications where heat loss is not a critical factor. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Aluminized steel construction with a high heat finish. Flanged inlet and outlet standard. Additional connections, as well as flush mounted inlets, are available. Stainless steel available, consult factory for details.



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
A401-5204	4	28	32	22.36	8.5	9	99
A401-5205	5	32	36	25.19	9.5	11	126
A401-5206	6	36	40	28.02	10	12	151
A401-5208	8	45	49	34.38	11	14	224
A401-5210	10	52	56	39.33	12.5	17	301
A401-5212	12	60	64	44.99	13.5	19	401
A401-5214	14	68	72	50.65	15.5	23	625
A401-5216	16	76	80	56.30	16.5	25	762
A401-5218	18	84	88	61.96	17.5	27	1197
A401-5220	20	90	94	66.20	18	28	1355
A401-5222	22	96	100	70.45	19	30	1541
A401-5224	24	102	106	74.69	20	32	1747

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. A401-5216-BOT)

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CRITICAL GRADE SERENITY™ DISK SILENCER

25 to 31 dBA Noise Reduction 1" Thermal Packing

EGSA Class 4

A401-C1-5100

APPLICATION

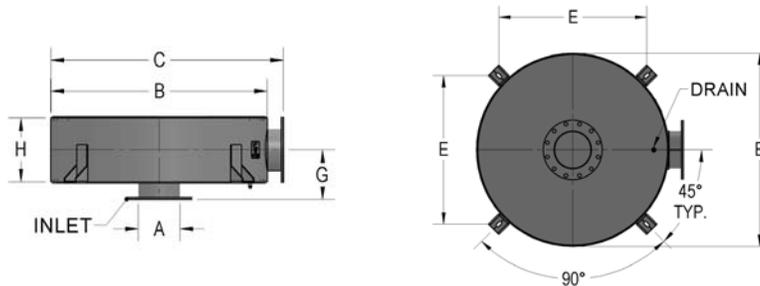
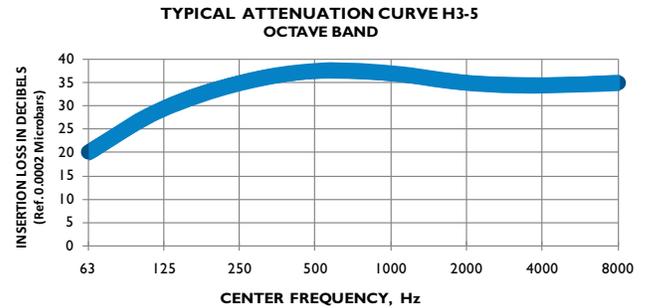
Serenity™ disk silencers feature improved insulation capabilities and advanced heat retention in a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 1" thick packed shell provides a reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Aluminized steel construction with a high heat finish. Flanged inlet and outlet standard. Additional connections, as well as flush mounted inlets, are available. Stainless steel available, consult factory for details.



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
A401-C1-5104	4	28	32	22.36	8.5	9	142
A401-C1-5105	5	32	36	25.19	9.5	11	185
A401-C1-5106	6	36	40	28.02	10	12	226
A401-C1-5108	8	45	49	34.38	11	14	342
A401-C1-5110	10	52	56	39.33	12.5	17	466
A401-C1-5112	12	60	64	44.99	13.5	19	622
A401-C1-5114	14	68	72	50.65	15.5	23	920
A401-C1-5116	16	76	80	56.30	16.5	25	1130
A401-C1-5118	18	84	88	61.96	17.5	27	1644
A401-C1-5120	20	90	94	66.20	18	28	1863
A401-C1-5122	22	96	100	70.45	19	30	2121
A401-C1-5124	24	102	106	74.69	20	32	2406

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. A401-C1-5116-BOT)

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CRITICAL GRADE SERENITY™ DISK SILENCER

27 to 33 dBA Noise Reduction 2" Thermal Packing

EGSA Class 4

A401-C2-5100

APPLICATION

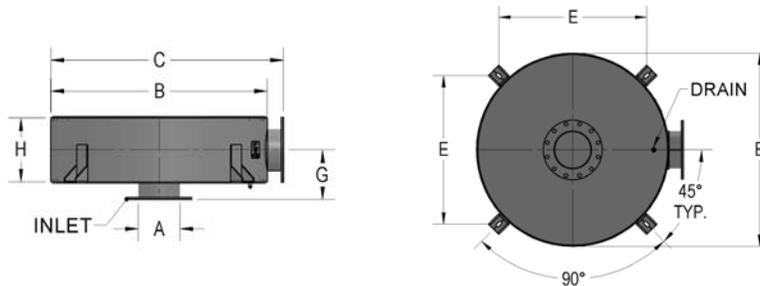
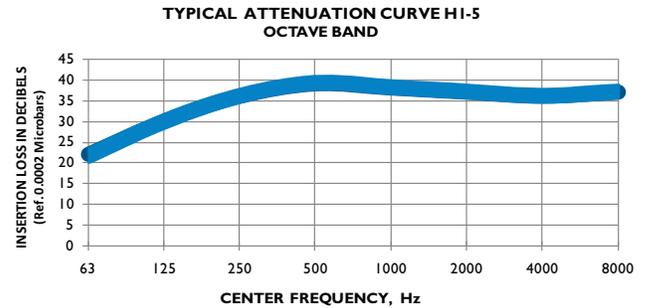
Serenity™ disk silencers feature improved insulation capabilities and advanced heat retention in a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 2" thick packed shell provides a significant reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Aluminized steel construction with a high heat finish. Flanged inlet and outlet standard. Additional connections, as well as flush mounted inlets, are available. Stainless steel available, consult factory for details.



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
A401-C2-5104	4	28	32	22.36	8.5	9	143
A401-C2-5105	5	32	36	25.19	9.5	11	188
A401-C2-5106	6	36	40	28.02	10	12	232
A401-C2-5108	8	45	49	34.38	11	14	355
A401-C2-5110	10	52	56	39.33	12.5	17	487
A401-C2-5112	12	60	64	44.99	13.5	19	654
A401-C2-5114	14	68	72	50.65	15.5	23	966
A401-C2-5116	16	76	80	56.30	16.5	25	1191
A401-C2-5118	18	84	88	61.96	17.5	27	1721
A401-C2-5120	20	90	94	66.20	18	28	1953
A401-C2-5122	22	96	100	70.45	19	30	2227
A401-C2-5124	24	102	106	74.69	20	32	2528

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. A401-C2-5116-BOT)

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SUPER CRITICAL GRADE SERENITY™ DISK SILENCER

33 to 38 dBA Noise Reduction 1" Thermal Packing

EGSA Class 6

A401-C1-6100

APPLICATION

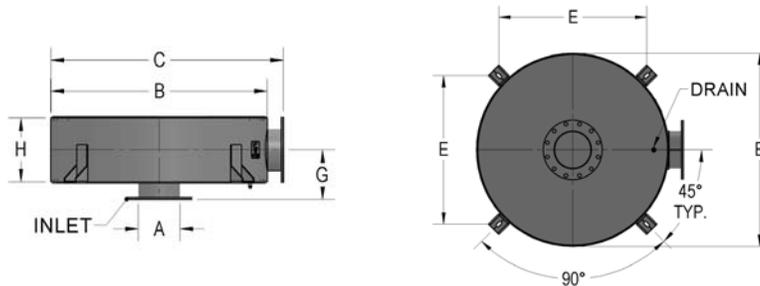
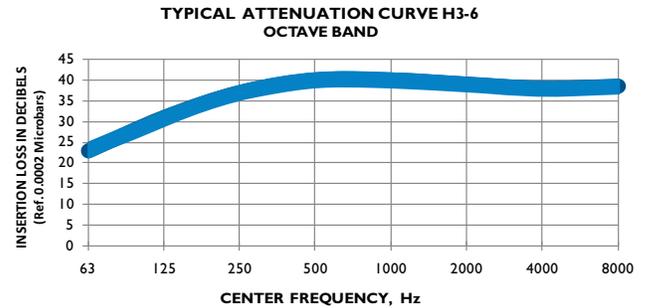
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CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 1" thick packed shell provides a reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Aluminized steel construction with a high heat finish. Flanged inlet and outlet standard. Additional connections, as well as flush mounted inlets, are available. Stainless steel available, consult factory for details.



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
A401-C1-6104	4	33	37	25.90	9	10	182
A401-C1-6105	5	39	43	30.14	10	12	249
A401-C1-6106	6	44	48	33.68	11	14	317
A401-C1-6108	8	54	58	40.75	12	16	466
A401-C1-6110	10	62	66	46.40	13	18	701
A401-C1-6112	12	70	74	52.06	14	20	888
A401-C1-6114	14	74	78	54.89	16.5	25	1072
A401-C1-6116	16	78	82	57.72	18	28	1227
A401-C1-6118	18	84	88	61.96	19	30	1715
A401-C1-6120	20	90	94	66.20	20	32	1965
A401-C1-6122	22	96	100	70.45	21	34	2231
A401-C1-6124	24	102	106	74.69	22	36	2522

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. A401-C1-6116-BOT)

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SUPER CRITICAL GRADE SERENITY™ DISK SILENCER

34 to 40 dBA Noise Reduction 2" Thermal Packing

EGSA Class 6

A401-C2-6100

APPLICATION

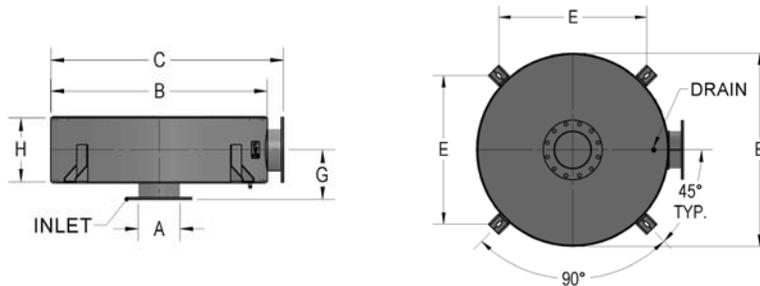
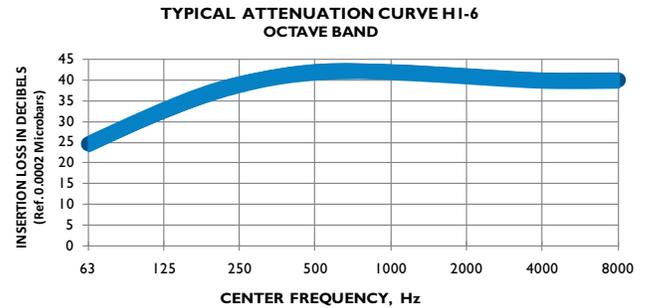
Serenity™ disk silencers feature improved insulation capabilities and advanced heat retention in a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 2" thick packed shell provides a significant reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Aluminized steel construction with a high heat finish. Flanged inlet and outlet standard. Additional connections, as well as flush mounted inlets, are available. Stainless steel available, consult factory for details.



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
A401-C2-6104	4	33	37	25.90	9	10	185
A401-C2-6105	5	39	43	30.14	10	12	257
A401-C2-6106	6	44	48	33.68	11	14	330
A401-C2-6108	8	54	58	40.75	12	16	455
A401-C2-6110	10	62	66	46.40	13	18	734
A401-C2-6112	12	70	74	52.06	14	20	934
A401-C2-6114	14	74	78	54.89	16.5	25	1130
A401-C2-6116	16	78	82	57.72	18	28	1296
A401-C2-6118	18	84	88	61.96	19	30	1797
A401-C2-6120	20	90	94	66.20	20	32	2062
A401-C2-6122	22	96	100	70.45	21	34	2343
A401-C2-6124	24	102	106	74.69	22	36	2652

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. A401-C2-6116-BOT)

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