

CENTREX INLINER

Centrifugal Inline Fans

TECHNICAL SPECIFICATIONS



PENNBARRY™

BULLETIN SX18

TABLE OF CONTENTS

INTRODUCTION	3
CERTIFICATIONS & LISTINGS	4
FILTER OPTIONS	5
SX085, SX095 & SX115 DIRECT DRIVE	6
CENTREX INLINER DIRECT DRIVE	7
CENTREX INLINER BELT DRIVE	8
SX100BC BELT DRIVE	9-10
SX120BC BELT DRIVE	11-12
SX125BC BELT DRIVE	13-14
SX125BHC BELT DRIVE	15-16
SX155BC BELT DRIVE	17-18
SX165BC BELT DRIVE	19-20
SX205BC BELT DRIVE	21-22
SX205BHC BELT DRIVE	23-24
SX225BC BELT DRIVE	25-26
SX225BHC BELT DRIVE	27-28
SX275BC BELT DRIVE	29-30
SX335BC BELT DRIVE	31-32
SX420BC BELT DRIVE	33-34

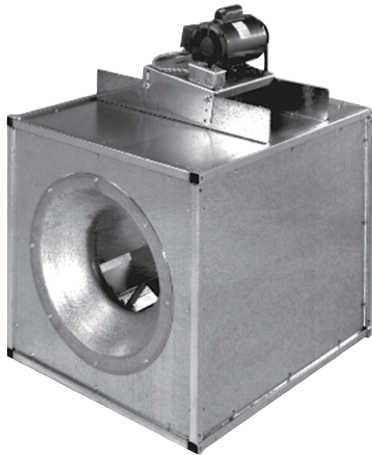
INTRODUCTION

Centrex Inliner

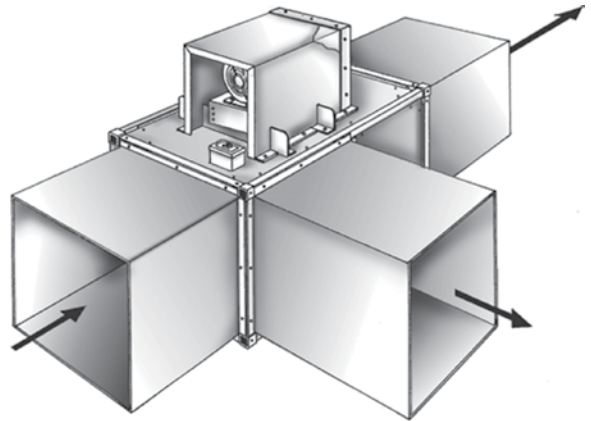
Centrex Inliner fans are widely used in square ducts as clean air boosters in both supply and exhaust systems where the installation of conventional blowers is impractical. Their compact design gives designers an excellent alternative to conventional blowers.

As an integral part of a ventilation system layout, Centrex Inliner fans can be installed either horizontally, vertically or at any angle determined by the duct work. Full-size removable panels enable easy access to the fan interior. Direct-drive motors are isolated from the airstream. Belt drive motors are mounted on the outside housing and can be positioned at any angle to avoid existing building obstructions. Optional motor covers are available as belt guards.

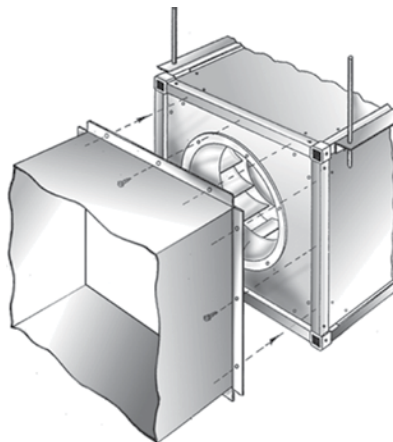
Centrex Inliner fans feature durable galvanized steel construction (aluminum is optional for selected belt drive models), which works in conjunction with a patented wheel design and deeply spun inlets to provide smoother flow through the ventilator. The centrifugal wheels are aluminum, non-overloading, backwardly inclined, robotically welded, and dynamically balanced.



Centrex Direct Drive



Side Duct Illustration



Mounting Frame Illustration

Direct Drive Units

- Static pressure up to 1.75" wg.
- Flow capacity up to 2,764 CFM

Standard Duty Belt Drive Units

- Static pressure up to 2.5" wg.
- Flow capacity up to 27,502 CFM.

High Pressure Belt Drive Units

- Static pressure up to 3.5" wg.
- Flow capacity up to 9,249 CFM

CERTIFICATIONS & LISTINGS



Centrex AMCA Certifications

PennBarry certifies that the Centrex Inliner models shown herein (except model SX420) are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA publications 211 and 311, and comply with the requirements of the AMCA Certified Ratings Program.



cULus Certification

Centrex Inliner fans carry the UL label, UL705 (ZACT/ZACT7), file #E28413.

FILTER OPTIONS

Pressure Drop

Please note that the performance shown in the tables on the following pages does not include the effects of accessories when installed on the fan.

If filters are desired on the fan, take the following pressure drops into account when selecting a unit:

Model	Aluminum Washable Rated at 350 FPM		Pleated Rated at 500 FPM	
	1"	2"	1"	2"
SX085	0.023	0.036	0.24	0.22
SX095 SX100BC	0.011	0.016	0.24	0.22
SX115	0.015	0.024	0.24	0.22
SX120BC SX125BC	0.009	0.013	0.24	0.22
SX155BC SX165BC	0.01	0.016	0.24	0.22
SX205BC	0.009	0.013	0.24	0.22
SX225BC	0.01	0.016	0.24	0.22
SX275BC	0.012	0.019	0.24	0.22
SX335BC	0.013	0.02	0.24	0.22
SX420BC	0.015	0.024	0.24	0.22

SX085, SX095 & SX115 | DIRECT DRIVE

Direct Drive Performance

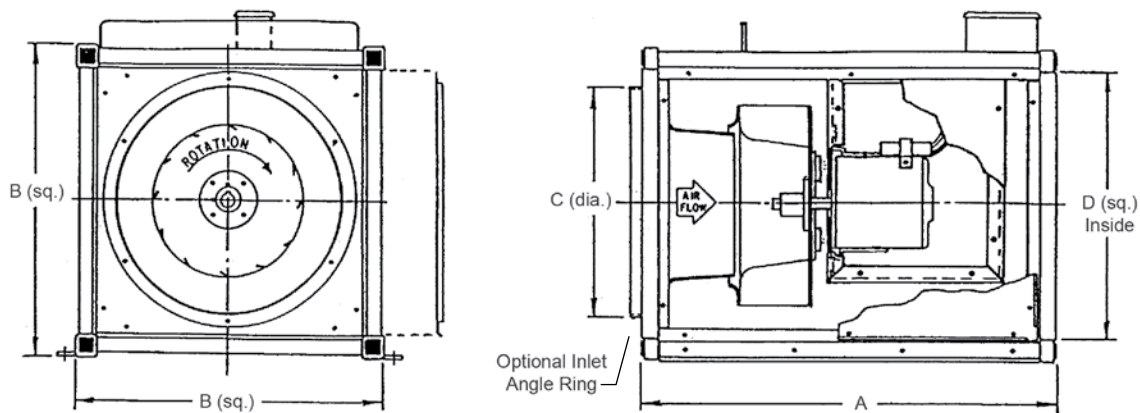
Fan Model	Nominal			Tip	0.125" SP		0.250" SP		0.375" SP		0.500" SP		0.625" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP	
	HP	Max Watts	RPM		CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones
SX085V	1/6	~(1)	1050	2715	386	3.5	275	3.4	146	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SX085S	1/6	~(1)	1300	3361	519	5.4	439	5.5	347	5.4	249	5.4	128	5.4	-	-	-	-	-	-	-	-	-	-
SX085R	1/6	158	1550	4007	641	7.8	583	7.7	513	7.7	435	7.6	354	7.7	269	7.7	-	-	-	-	-	-	-	-
SX085Q	1/4	~(1)	1725	4460	647	9.4	592	9.3	520	9.1	441	8.9	360	8.9	276	8.9	-	-	-	-	-	-	-	-
SX095V	1/6	125	1050	3221	429	2.7	308	3.2	247	3.8	199	4.2	157	4.7	118	5.1	-	-	-	-	-	-	-	-
SX095S	1/6	164	1300	3988	633	5	528	4.8	433	5.2	366	5.6	314	5.9	260	6.3	152	7	-	-	-	-	-	-
SX095R	1/6	212	1550	4755	849	7.9	775	7.5	698	7.4	616	7.5	546	7.7	476	7.9	333	8.3	162	8.8	-	-	-	-
SX095Q	1/4	338	1725	5292	1111	10.6	1061	10.1	1011	10	960	10	907	10	851	10.6	728	13	556	12.2	200	10.8	-	-
SX115V	1/6	437	1050	3788	1299	5.4	1061	5.6	876	5.8	754	5.9	663	6.1	595	6.3	461	6.9	335	7.5	192	8.2	-	-
SX115S	1/3	494	1300	4690	1566	6.9	1382	6.8	1201	6.7	1041	6.7	922	6.6	830	6.9	655	7.5	487	8	305	8.7	103	9.5
SX115R	1/3 ⁽²⁾	566	1550	5681	1756	11.3	1642	14.1	1530	12.4	1414	11.3	1288	11.3	1160	11.3	904	11.3	631	11.3	-	-	-	-
SX115Q1	1/2	701	1650	5953	2216	12.1	2133	11.6	2042	11.4	1952	11.3	1863	11.1	1755	11	1512	10.6	1220	10.2	873	10.6	491	11.1
SX115Q2	3/4	894	1725	6223	2764	15.2	2673	14	2571	13.8	2476	13.7	2383	13.5	2285	13.3	2075	13	1823	12.6	1447	12.1	956	12.3

(1) Available on EC Motor only.

(2) HP = 1/2 for TE motors.

(3) Performances in 50Hz applications will be less than shown below; consult with local PennBarry representative.

Performance certified is for installation type B – Free inlet, Ducted outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for Installation type B: free inlet hemispherical sone levels. Performance ratings do not include the effects of appurtenances.



Direct Drive Dimensions

Model	A	B (sq.)	C (dia.)	D (sq.)	Est. Ship Weight	Est. Ship Vol
SX085RC	16 1/8	15 3/4	11 3/4	13 3/4	35 lbs	2.3 cu ft
SX095VC, SC, RC, & QC	24 1/8	15 3/4	11 3/4	13 3/4	50 lbs	3.5 cu ft
SX115VC, SC, RC, Q1C, & Q2C	27 1/4	21 3/4	14 1/2	19 3/4	70 lbs	7.5 cu ft

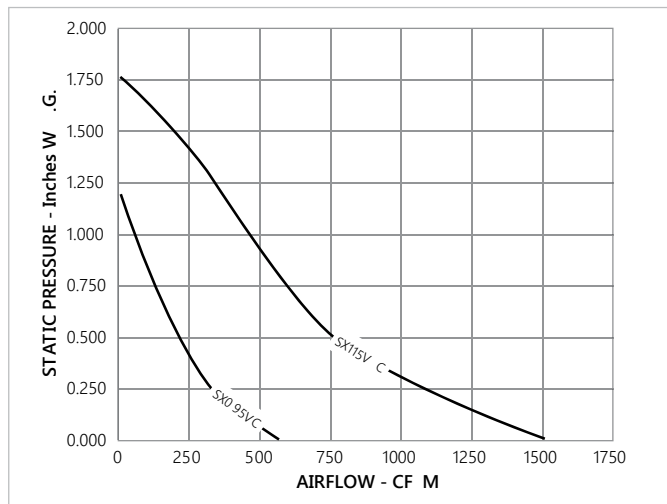
All dimensions in inches

CENTREX INLINER | DIRECT DRIVE

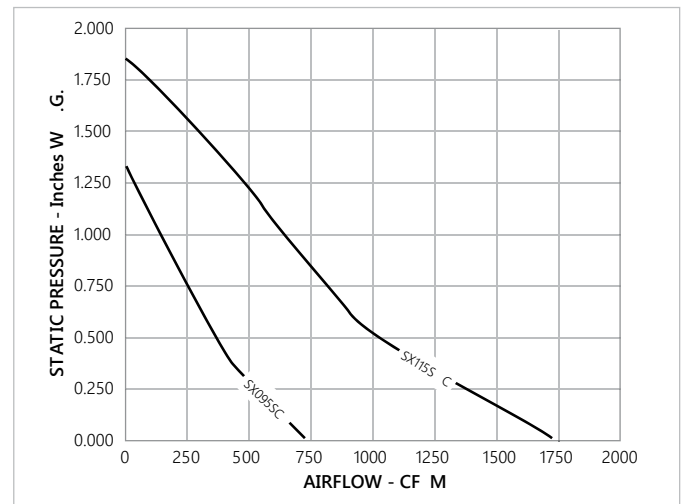
Fan Curves

The fan curves illustrated here show the range of capacities available for direct drive units. Each graph shows the performance of several models at one particular nominal speed. Fan curves provide a quick method for selection of a fan unit based on design point requirements. The direct drive performance chart on the previous page provides the tabular data (CFM and static pressure) used to plot the fan curves. In addition, horsepower, tip speed and sones are tabulated. Since sound is normally an important factor in the selection of a fan, an engineer will usually want to select the "slowest" unit which meets CFM and SP requirements.

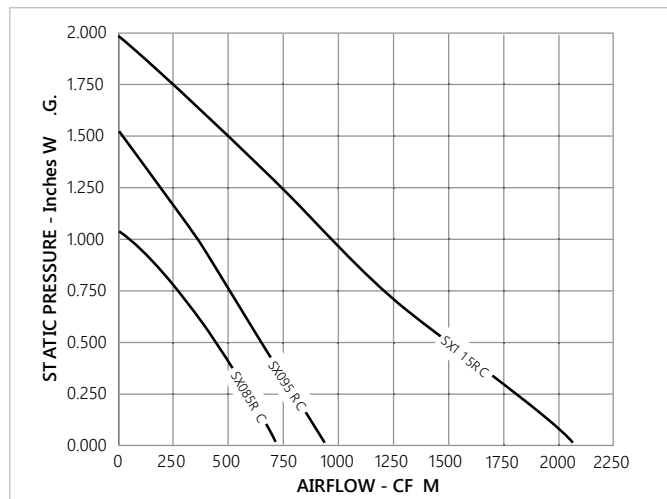
Nominal 1050 RPM



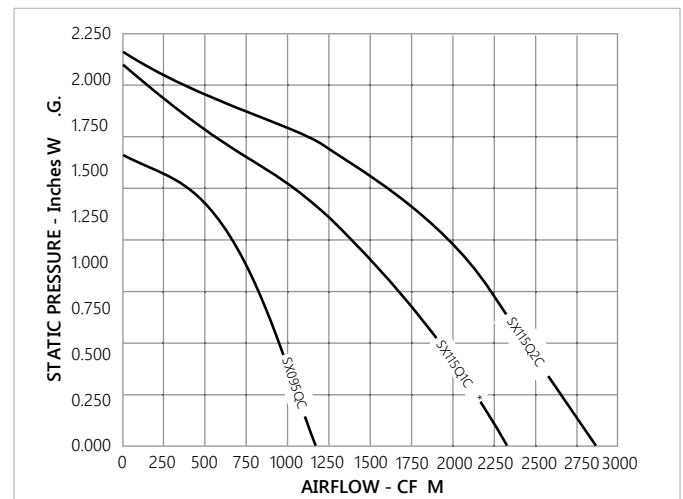
Nominal 1300 RPM



Nominal 1550 RPM



Nominal 1550 RPM



Performance shown is for installation Type B: Free Inlet, Ducted Outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are for loudness values in fan sones at 5'0" (1.5m) in a hemispherical free field per AMCA Standard 301. Values shown are for Installation Type B: free inlet fan sone levels. Performance ratings do not include the effects of appurtenances in the airstream. For models shown on this page, the AMCA Certified Ratings Seal applies to air and sound.

CENTREX INLINER | BELT DRIVE

Performance Data

The thirteen belt drive models shown on the following pages have sizes and capacities ranging from below 400 CFM to above 27,500 CFM, with static pressures from 0" to above 3.5". All models are available in up to eight different horsepower sizes with a wide range of RPM.

The data provided for each belt drive model includes:

- Performance Chart
- Fan Curve Graph
- Elevation drawing showing overall dimensions

Each curve graphically displays the range of capacities available for each model, in most cases beyond the specifics shown in the tabular data. The maximum performance afforded by each horsepower is indicated by dashed lines and the RPM is indicated by solid lines.

Some models have graphs that show both shaded and unshaded areas. Selection should be made from the unshaded area only. Shaded areas reflect unstable performance ("surge"), a characteristic typical of backwardly inclined wheels, and should be avoided. These unstable regions are not shown in the tabular data.

The highest RPM shown for a specific horsepower in the tabular data is the maximum speed that for any point along the performance curve, the BHP will not exceed the available horsepower.

It is important to note that while it is common industry-wide practice to exceed a "nominal" horsepower by using a motor's service factor, PennBarry uses a conservative portion of the service factor, allowing half to remain a true "safety" factor. PennBarry's software also factors an additional allowance for belt drive losses into the BHP calculations to ensure proper motor selection. This allowance is currently the most conservative in the industry.

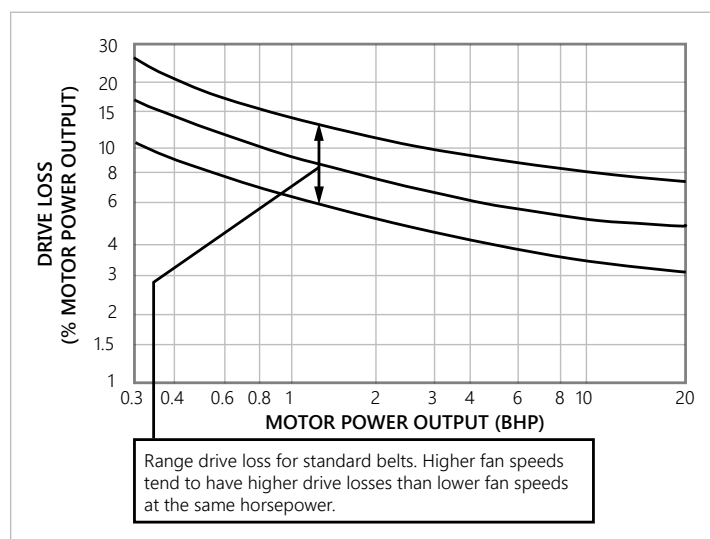
Note: Centrex Inliner fans are only one component of a total system. As such, performance is directly affected by the system. It is critical that system designers determine actual system losses to ensure that the actual flow is specified in the system range.

Belt Drive Losses

The air performance tables shown in this catalog do include drive losses. When comparing the data found in our charts to data that does not include drive losses, the chart below will help estimate our equivalent brake horsepower (BHP).

The AMCA Review Committee has developed the chart shown below for the purpose of estimating belt drive losses. To calculate total BHP (including drive losses): Find the BHP of your operating point on the x-axis on the graph below. Follow the vertical line to the lines indicating the range of drive losses. Look at the y-axis on the left and find the drive loss percentage. Calculate the total BHP by adding the drive loss to the operating point BHP. For BHP's below 0.3, use 30%.

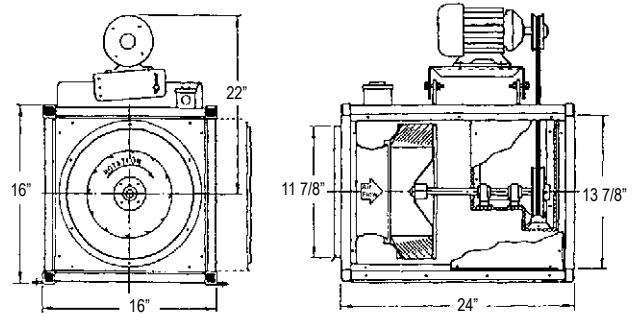
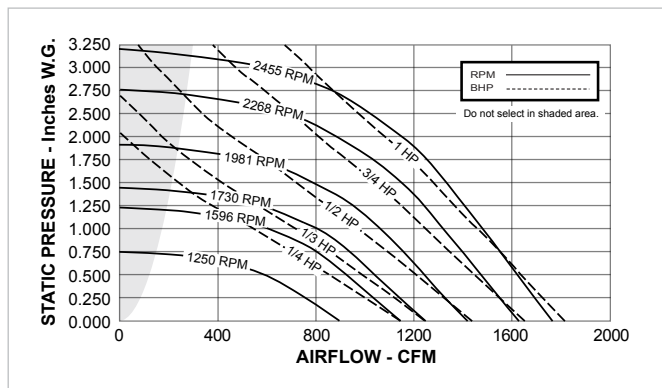
Drive Loss Reference Chart



For totally enclosed, explosion proof, multi-speed and all 1.0 Service Factor motors, fan BHP plus drive losses should not exceed motor rated HP.

Graph reprinted from AMCA publication 203 with the express written permission from the Air Movement and Control Association, Inc., 30 West University Drive, Arlington Heights, IL 60004-1983.

SX100BC | BELT DRIVE



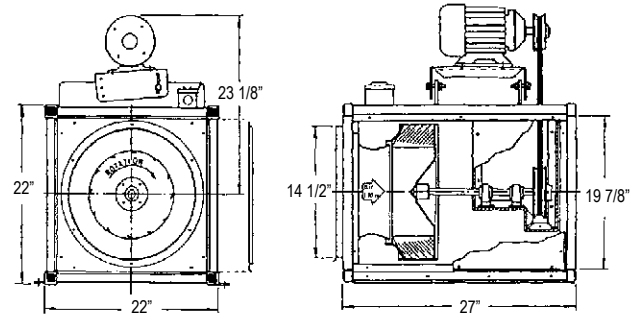
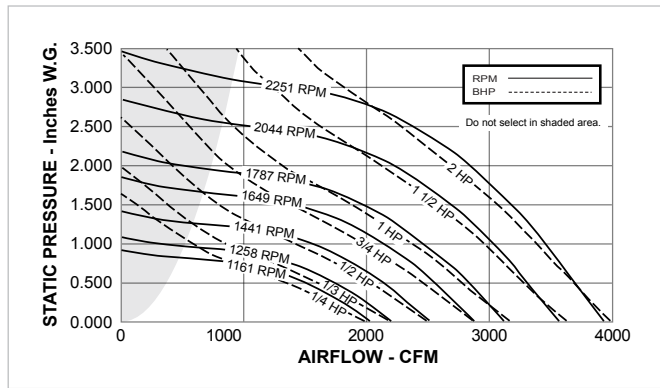
HP	RPM	Tip Speed	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1/4	900	2827	368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4.2	0.043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1000	3142	447	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			5.2	0.057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1100	3456	523	242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			6.2	0.074	6.3	0.063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1200	3770	596	383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			7.4	0.095	7.5	0.091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1300	4084	667	492	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			8.2	0.118	8.3	0.118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1400	4398	736	586	379	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		9.1	0.146	9.1	0.149	9.2	0.139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1500	4712	805	673	504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		10.1	0.178	10.0	0.183	10.1	0.179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1596	5014	870	750	606	409	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		11.0	0.213	10.7	0.219	10.7	0.218	10.8	0.202	-	-	-	-	-	-	-	-	-	-	-	-	
1625	5105	889	773	635	449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		11.2	0.224	10.9	0.231	10.9	0.231	11.0	0.218	-	-	-	-	-	-	-	-	-	-	-	-	
1/3	1650	5184	906	792	659	483	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			11.5	0.234	11.2	0.242	11.1	0.242	11.2	0.232	-	-	-	-	-	-	-	-	-	-	-	
	1675	5262	923	811	682	515	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			11.7	0.244	11.4	0.252	11.4	0.254	11.4	0.246	-	-	-	-	-	-	-	-	-	-	-	
	1700	5341	939	830	705	545	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			12.0	0.255	11.6	0.263	11.6	0.266	11.6	0.259	11.6	0.215	-	-	-	-	-	-	-	-	-	
	1730	5435	959	853	732	580	365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12.3			0.268	11.9	0.277	11.8	0.280	11.9	0.274	11.9	0.241	-	-	-	-	-	-	-	-	-	-	
1775	5576	989	886	772	630	442	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		12.8	0.289	12.3	0.298	12.2	0.303	12.3	0.298	12.3	0.275	-	-	-	-	-	-	-	-	-	-	
1825	5733	1022	923	814	681	514	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		13.3	0.313	12.8	0.323	12.7	0.329	12.7	0.326	12.7	0.311	-	-	-	-	-	-	-	-	-	-	
1/2	1900	5969	1071	978	875	756	609	410	-	-	-	-	-	-	-	-	-	-	-	-	-	
			14.1	0.352	13.7	0.363	13.4	0.370	13.4	0.370	13.4	0.361	13.4	0.322	-	-	-	-	-	-	-	-
	1981	6223	1124	1036	940	830	700	538	-	-	-	-	-	-	-	-	-	-	-	-	-	
			15.0	0.398	14.5	0.410	14.1	0.419	14.0	0.421	14.0	0.414	14.0	0.394	-	-	-	-	-	-	-	-
	2075	6519	1184	1101	1011	913	797	659	481	-	-	-	-	-	-	-	-	-	-	-	-	-
16.0			0.455	15.6	0.469	15.1	0.479	15.0	0.484	14.9	0.480	14.9	0.470	15.0	0.430	-	-	-	-	-	-	
2150	6754	1233	1153	1067	974	869	746	595	379	-	-	-	-	-	-	-	-	-	-	-	-	
		17.1	0.505	16.6	0.520	16.1	0.531	15.9	0.537	15.8	0.537	15.7	0.528	15.7	0.506	15.7	0.434	-	-	-	-	

SX100BC | BELT DRIVE

HP	RPM	Tip Speed	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
3/4	2200	6912	1265		1187		1104		1015		915		798		662		485		-		-	
			17.9	0.540	17.4	0.556	16.8	0.567	16.6	0.575	16.4	0.576	16.3	0.569	16.3	0.555	16.3	0.504	-	-	-	-
	2268	7125	1308		1234		1154		1069		976		868		743		595		357		-	
			18.9	0.591	18.5	0.607	17.9	0.620	17.5	0.629	17.3	0.633	17.2	0.627	17.2	0.616	17.1	0.585	17.0	0.487	-	-
	2325	7304	1345		1272		1196		1114		1025		924		809		672		498		-	
			19.7	0.636	19.3	0.652	18.7	0.666	18.3	0.676	18.1	0.681	18.0	0.678	17.9	0.668	17.8	0.648	17.8	0.589	-	-
	2350	7383	1361		1289		1214		1133		1046		947		835		705		541		-	
			20.0	0.656	19.7	0.673	19.1	0.687	18.5	0.697	18.5	0.703	18.3	0.701	18.2	0.692	18.2	0.676	18.1	0.623	-	-
	2375	7461	1377		1306		1232		1152		1066		970		861		736		582		313	
			21.0	0.677	20.0	0.694	19.5	0.709	19.0	0.719	18.8	0.725	18.6	0.724	18.6	0.716	18.5	0.702	18.4	0.656	18.3	0.522
	2425	7618	1409		1340		1268		1190		1107		1016		912		795		657		470	
			21.0	0.719	21.0	0.737	20.0	0.753	19.7	0.764	19.5	0.771	19.3	0.772	19.2	0.765	19.1	0.753	19.1	0.721	18.9	0.644
	2455	7713	1428		1360		1289		1212		1131		1043		943		830		698		534	
			22.0	0.746	21.0	0.764	21.0	0.780	20.0	0.791	19.9	0.799	19.7	0.802	19.6	0.795	19.5	0.784	19.4	0.759	19.3	0.698

Performance certified is for installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for Installation Type A: free inlet hemispherical sone levels. For models shown on this page, the AMCA Certified Ratings Seal applies to air and sound.

SX120BC | BELT DRIVE



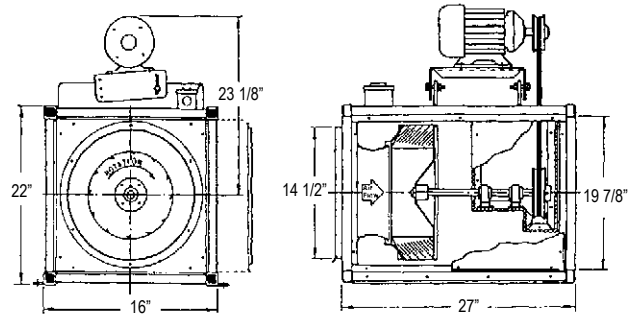
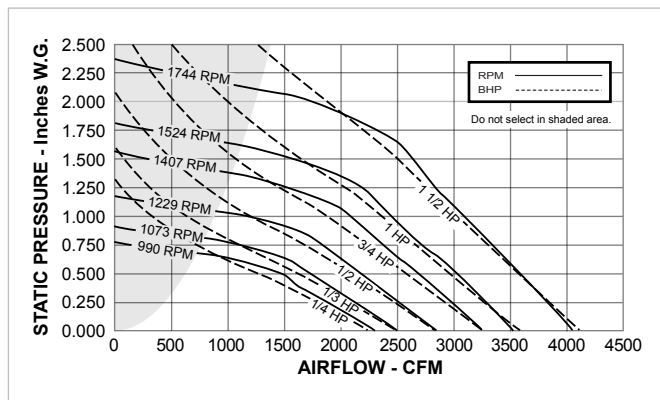
HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1/4	775	2847	948		-		-		-		-		-		-		-		-		-	
			3.6	0.09	-		-		-		-		-		-		-		-		-	
	925	3398	1309		645		-		-		-		-		-		-		-		-	
			5.6	0.15	5.2	0.12	-		-		-		-		-		-		-		-	
1/3	1161	4265	1800		1507		989		-		-		-		-		-		-		-	
			8.0	0.29	7.6	0.30	7.5	0.27	-		-		-		-		-		-		-	
	1225	4500	1923		1660		1273		-		-		-		-		-		-		-	
			8.8	0.33	8.4	0.35	8.2	0.34	-		-		-		-		-		-		-	
1/2	1258	4621	1986		1737		1384		-		-		-		-		-		-		-	
			9.1	0.36	8.7	0.37	8.5	0.37	-		-		-		-		-		-		-	
	1325	4867	2113		1890		1591		1045		-		-		-		-		-		-	
			9.6	0.42	9.2	0.43	8.9	0.44	9.0	0.38	-		-		-		-		-		-	
3/4	1400	5153	2255		2053		1792		1420		-		-		-		-		-		-	
			10.3	0.49	10.0	0.51	9.6	0.52	9.6	0.50	-		-		-		-		-		-	
	1441	5293	2332		2140		1892		1560		767		-		-		-		-		-	
			10.8	0.53	10.5	0.55	10.1	0.56	10.0	0.55	10.1	0.40	-		-		-		-		-	
1	1500	5510	2443		2264		2032		1747		1284		-		-		-		-		-	
			11.6	0.60	11.2	0.62	10.8	0.64	10.6	0.63	10.6	0.58	-		-		-		-		-	
	1575	5785	2583		2415		2206		1968		1621		788		-		-		-		-	
			12.5	0.69	12.2	0.72	11.7	0.73	11.3	0.74	11.3	0.71	11.5	0.50	-		-		-		-	
1	1649	6057	2721		2559		2374		2148		1869		1439		-		-		-		-	
			13.2	0.79	12.9	0.82	12.5	0.83	12.1	0.85	12.0	0.84	12.1	0.77	-		-		-		-	
	1685	6190	2787		2628		2452		2235		1978		1609		-		-		-		-	
			13.7	0.84	13.4	0.87	13.1	0.89	12.7	0.90	12.4	0.90	12.5	0.85	-		-		-		-	
1	1715	6300	2843		2686		2516		2307		2067		1740		1037		-		-		-	
			14.2	0.89	13.9	0.92	13.5	0.94	13.1	0.95	12.8	0.95	12.8	0.92	13.0	0.72	-		-		-	
	1755	6447	2917		2763		2601		2400		2185		1877		1397		-		-		-	
			14.9	0.95	14.5	0.98	14.1	1.00	13.7	1.02	13.3	1.02	13.4	0.99	13.5	0.90	-		-		-	
1	1787	6564	2976		2824		2668		2474		2264		1985		1582		-		-		-	
			15.5	1.00	15.1	1.03	14.7	1.05	14.2	1.07	13.8	1.08	13.8	1.06	13.8	0.99	-		-		-	

SX120BC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1 1/2	1825	6704	3045		2896		2748		2562		2357		2104		1761		1003		-		-	
			16.2	1.06	15.8	1.10	15.4	1.12	14.9	1.14	14.4	1.15	14.2	1.14	14.3	1.08	14.5	0.82	-	-	-	-
	1875	6887	3137		2990		2852		2676		2478		2254		1957		1486		-		-	
			16.8	1.15	16.5	1.18	16.2	1.21	15.8	1.23	15.4	1.24	15.1	1.24	15.1	1.21	15.1	1.09	-	-	-	-
	1925	7071	3228		3085		2951		2787		2597		2400		2126		1761		906		-	
			17.5	1.24	17.2	1.28	17.0	1.31	16.8	1.33	16.5	1.34	16.2	1.35	16.1	1.32	16.1	1.25	16.2	0.88	-	-
	1975	7255	3320		3179		3048		2894		2714		2523		2284		1991		1477		-	
			18.3	1.34	18.1	1.38	18.0	1.41	17.8	1.43	17.7	1.45	17.5	1.45	17.4	1.44	17.3	1.40	17.4	1.24	-	-
	2044	7508	3446		3310		3181		3040		2873		2690		2490		2226		1878		1168	
			19.5	1.48	19.3	1.52	19.1	1.55	19.0	1.58	18.9	1.60	18.7	1.61	19.0	1.61	19.0	1.58	18.9	1.50	18.8	1.18
2	2075	7622	3502		3368		3241		3105		2943		2765		2581		2330		2024		1499	
			20.0	1.55	19.9	1.59	19.7	1.62	19.4	1.65	19.2	1.67	19.0	1.68	19.2	1.69	19.2	1.67	19.1	1.60	19.1	1.41
	2125	7806	3593		3462		3337		3210		3057		2883		2705		2483		2216		1839	
			21.0	1.66	21.0	1.70	21.0	1.74	20.0	1.77	20.0	1.79	19.7	1.81	19.6	1.81	19.6	1.80	19.6	1.75	19.6	1.64
	2175	7989	3684		3556		3432		3314		3165		2999		2827		2632		2385		2076	
			23.0	1.78	22.0	1.82	22.0	1.86	21.0	1.89	21.0	1.91	21.0	1.93	20.0	1.94	20.0	1.94	20.0	1.91	20.0	1.83
	2200	8081	3729		3602		3480		3363		3218		3057		2887		2706		2469		2192	
			23.0	1.84	23.0	1.89	22.0	1.92	22.0	1.96	22.0	1.98	21.0	2.00	21.0	2.01	21.0	2.01	21.0	1.98	21.0	1.92
	2225	8173	3775		3649		3527		3412		3271		3115		2947		2777		2546		2285	
			24.0	1.91	23.0	1.95	23.0	1.99	22.0	2.02	22.0	2.04	22.0	2.06	21.0	2.08	21.0	2.08	21.0	2.06	21.0	2.01
	2251	8269	3822		3697		3577		3462		3326		3174		3009		2841		2624		2373	
			24.0	1.97	24.0	2.02	23.0	2.05	23.0	2.09	22.0	2.11	22.0	2.13	22.0	2.15	21.0	2.15	21.0	2.14	21.0	2.09

Performance certified is for installation type A: Free Inlet, Free Outlet. Power rating (BHP) does not include transmission losses. For further information on estimating belt drive losses and motor service factors see page 13. The sound ratings shown are for loudness values in fan sones at 5'0" (1.5m) in a hemispherical free field per AMCA Standard 301. Values shown are for installation Type A: free inlet sone levels. Performance ratings do not include the effects of appurtenances.

SX125BC | BELT DRIVE



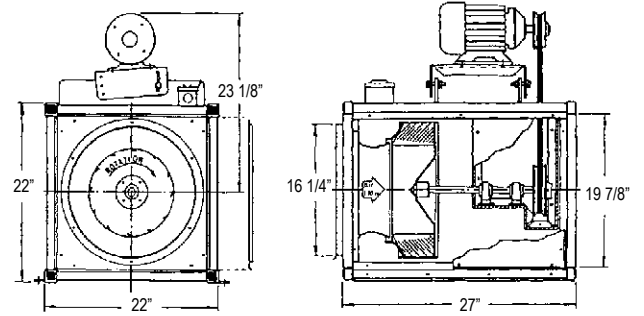
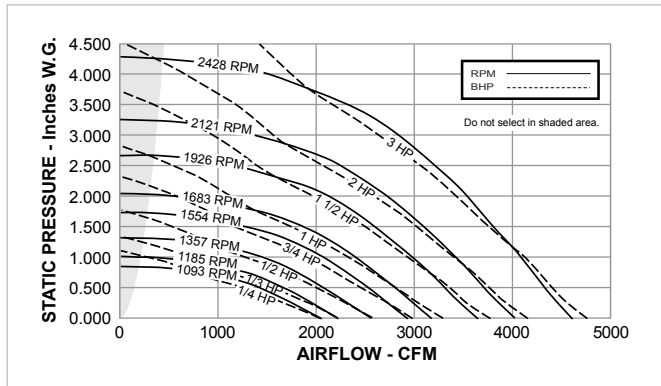
HP	RPM	Tip Speed FPM	0.250 SP "		0.500 SP "		0.750 SP "		1.000 SP "		1.250 SP "		1.500 SP "		1.750 SP "		2.000 SP "		2.250 SP "		2.500 SP "	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1/4	915	3803	1687		1140		-		-		-		-		-		-		-		-	
			8.6	0.23	8.2	0.22	-		-		-		-		-		-		-		-	
	950	3948	1789		1310		-		-		-		-		-		-		-		-	
			9.1	0.25	8.8	0.26	-		-		-		-		-		-		-		-	
1/3	990	4115	1901		1462		-		-		-		-		-		-		-		-	
			9.9	0.29	9.6	0.30	-		-		-		-		-		-		-		-	
	1020	4239	1983		1559		-		-		-		-		-		-		-		-	
			10.2	0.31	9.9	0.32	-		-		-		-		-		-		-		-	
1/2	1050	4364	2065		1647		894		-		-		-		-		-		-		-	
			10.4	0.34	10.1	0.35	9.8	0.29	-		-		-		-		-		-		-	
	1073	4459	2128		1714		1105		-		-		-		-		-		-		-	
			10.5	0.36	10.3	0.37	10.1	0.34	-		-		-		-		-		-		-	
3/4	1110	4613	2228		1823		1337		-		-		-		-		-		-		-	
			10.8	0.40	10.6	0.41	10.5	0.40	-		-		-		-		-		-		-	
	1150	4779	2335		1941		1541		-		-		-		-		-		-		-	
			11.1	0.44	10.9	0.46	10.9	0.46	-		-		-		-		-		-		-	
1	1190	4946	2442		2062		1715		-		-		-		-		-		-		-	
			11.7	0.49	11.4	0.50	11.4	0.51	-		-		-		-		-		-		-	
	1229	5108	2545		2184		1845		1194		-		-		-		-		-		-	
			12.0	0.54	11.7	0.55	11.8	0.57	11.7	0.50	-		-		-		-		-		-	
1 1/2	1265	5257	2641		2300		1956		1449		-		-		-		-		-		-	
			12.4	0.59	12.1	0.60	12.1	0.62	12.1	0.58	-		-		-		-		-		-	
	1335	5548	2825		2505		2159		1813		-		-		-		-		-		-	
			13.2	0.68	13.0	0.71	12.9	0.71	13.0	0.72	-		-		-		-		-		-	
2	1370	5694	2916		2605		2264		1967		1298		-		-		-		-		-	
			13.6	0.74	13.4	0.76	13.4	0.77	13.5	0.78	13.2	0.68	-		-		-		-		-	
	1407	5848	3012		2707		2373		2090		1573		-		-		-		-		-	
			14.0	0.80	13.9	0.82	13.9	0.84	14.1	0.85	13.8	0.78	-		-		-		-		-	

SX125BC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.250 SP "		0.500 SP "		0.750 SP "		1.000 SP "		1.250 SP "		1.500 SP "		1.750 SP "		2.000 SP "		2.250 SP "		2.500 SP "	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1	1435	5964	3082		2784		2457		2182		1738		-		-		-		-		-	
			14.4	0.84	14.3	0.87	14.2	0.88	14.5	0.90	14.3	0.86	-	-	-	-	-	-	-	-	-	-
	1465	6089	3156		2867		2549		2271		1896		-		-		-		-		-	
			14.8	0.90	14.7	0.93	14.6	0.94	14.9	0.95	14.8	0.93	-	-	-	-	-	-	-	-	-	-
	1495	6213	3231		2948		2642		2359		2038		1368		-		-		-		-	
			15.2	0.95	15.1	0.98	15.0	1.00	15.2	1.01	15.3	1.00	15.2	0.87	-	-	-	-	-	-	-	-
	1524	6334	3302		3027		2736		2443		2172		1610		-		-		-		-	
			15.5	1.00	15.4	1.04	15.3	1.05	15.5	1.07	15.8	1.08	15.7	0.98	-	-	-	-	-	-	-	-
1 1/2	1555	6463	3379		3111		2834		2534		2277		1807		-		-		-		-	
			15.9	1.07	15.8	1.10	15.6	1.12	15.8	1.13	16.3	1.14	16.2	1.07	-	-	-	-	-	-	-	-
	1585	6587	3453		3192		2922		2623		2376		1976		-		-		-		-	
			16.2	1.13	16.2	1.17	16.0	1.18	16.1	1.20	16.8	1.21	16.7	1.17	-	-	-	-	-	-	-	-
	1615	6712	3526		3273		3010		2712		2471		2127		1480		-		-		-	
			16.6	1.19	16.6	1.23	16.3	1.25	16.4	1.26	17.1	1.28	17.2	1.25	17.1	1.10	-	-	-	-	-	-
	1645	6837	3600		3353		3097		2800		2560		2267		1732		-		-		-	
			17.0	1.25	17.0	1.30	16.7	1.32	16.6	1.33	17.3	1.35	17.8	1.34	17.6	1.23	-	-	-	-	-	-
	1675	6961	3673		3433		3182		2892		2648		2399		1926		-		-		-	
			17.4	1.32	17.4	1.37	17.2	1.39	16.9	1.41	17.6	1.42	18.4	1.43	18.2	1.34	-	-	-	-	-	-
	1705	7086	3747		3512		3265		2985		2735		2500		2096		1350		-		-	
			17.8	1.39	17.8	1.44	17.6	1.46	17.3	1.48	17.9	1.50	18.8	1.51	18.8	1.44	18.5	1.21	-	-	-	-
	1744	7248	3842		3616		3373		3109		2849		2628		2296		1739		-		-	
			18.4	1.49	18.4	1.54	18.2	1.57	17.8	1.58	18.2	1.60	19.2	1.61	19.6	1.58	19.4	1.43	-	-	-	-

Performance certified is for installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for Installation Type A: free inlet hemispherical sone levels. For models shown on this page, the AMCA Certified Ratings Seal applies to air and sound.

SX125BHC | BELT DRIVE



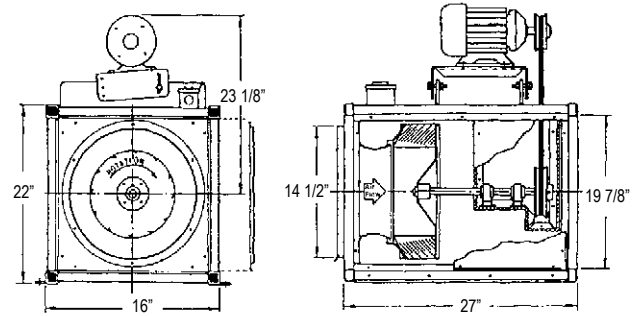
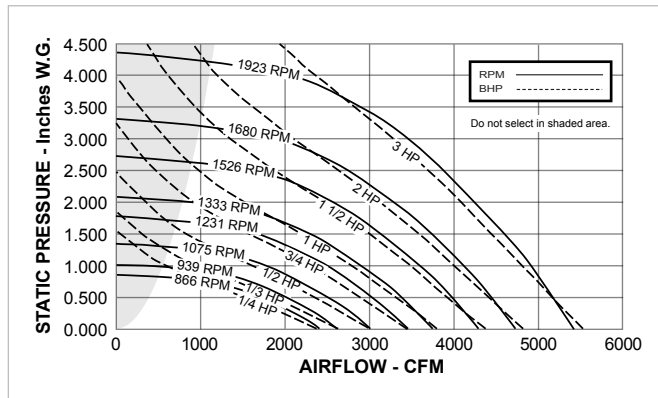
HP	RPM	Tip Speed FPM	0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP		3.000" SP		3.500" SP	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1/4	1093	4543	936	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			9.1	0.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1/3	1100	4572	976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			9.2	0.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1185	4925	1340	486	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1/2	1275	5299	1616	1154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11.7	0.49	11.8	0.45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1375	5640	1845	1508	870	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4	1425	5922	2022	1724	1288	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			13.6	0.64	13.6	0.65	13.8	0.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1475	6130	2142	1874	1524	862	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			14.5	0.70	14.5	0.72	14.6	0.72	15.0	0.59	-	-	-	-	-	-	-	-	-	-	-	-
	1554	6459	2329	2095	1806	1371	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			15.8	0.82	15.8	0.83	15.9	0.85	16.0	0.81	-	-	-	-	-	-	-	-	-	-	-	-
1	1600	6650	2436	2221	1949	1600	985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16.4	0.89	16.5	0.91	16.6	0.92	16.7	0.91	17.1	0.77	-	-	-	-	-	-	-	-	-	-
	1650	6858	2553	2346	2098	1802	1310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17.3	0.97	17.4	0.99	17.6	1.01	17.6	1.01	17.8	0.94	-	-	-	-	-	-	-	-	-	-
	1683	6995	2629	2425	2191	1918	1506	792	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 1/2	1775	7377	2839	2644	2446	2203	1919	1471	691	-	-	-	-	-	-	-	-	-	-	-	-	-
			18.1	1.19	18.2	1.22	18.4	1.24	18.5	1.26	18.7	1.26	19.0	1.19	20.0	0.91	-	-	-	-	-	-
	1825	7585	2952	2761	2575	2348	2095	1746	1196	-	-	-	-	-	-	-	-	-	-	-	-	-
			18.6	1.29	18.7	1.32	18.8	1.34	19.0	1.36	19.1	1.37	19.4	1.34	20.0	1.18	-	-	-	-	-	-
	1875	7793	3062	2877	2696	2488	2250	1964	1511	790	-	-	-	-	-	-	-	-	-	-	-	-
			19.1	1.39	19.2	1.43	19.3	1.45	19.5	1.47	19.6	1.49	19.8	1.48	20.0	1.39	21.0	1.09	-	-	-	-
2	1926	8005	3172	2996	2817	2629	2406	2160	1807	1275	-	-	-	-	-	-	-	-	-	-	-	-
			19.5	1.50	19.6	1.54	19.8	1.56	19.9	1.59	20.0	1.61	20.0	1.61	21.0	1.57	21.0	1.39	-	-	-	-

SX125BHC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP		3.000" SP		3.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
2	1965	7167	3257		3084		2910		2735		2519		2283		1984		1520		-		-	
			19.8	1.58	19.9	1.63	20.0	1.66	20.0	1.68	20.0	1.70	21.0	1.71	21.0	1.69	21.0	1.58	-	-	-	-
	2005	8333	3343		3177		3004		2835		2631		2407		2146		1764		-		-	
			20.0	1.67	20.0	1.72	20.0	1.76	20.0	1.78	21.0	1.80	21.0	1.82	21.0	1.81	22.0	1.75	-	-	-	-
	2045	8499	3429		3268		3097		2931		2742		2530		2298		1973		713		-	
			21.0	1.77	21.0	1.82	21.0	1.86	21.0	1.88	21.0	1.90	21.0	1.92	21.0	1.93	22.0	1.89	21.5	1.35	-	-
	2090	8686	3524		3370		3202		3039		2866		2662		2440		2172		1252		-	
			21.0	1.88	21.0	1.94	21.0	1.98	22.0	2.00	22.0	2.03	22.0	2.05	22.0	2.06	22.0	2.05	22.1	1.70	-	-
	2121	8815	3590		3439		3274		3113		2950		2750		2536		2291		1466		-	
			22.0	1.96	22.0	2.02	22.0	2.06	22.0	2.09	22.0	2.11	22.0	2.14	23.0	2.15	23.0	2.15	24.0	1.89	-	-
3	2200	9143	3757		3611		3457		3299		3145		2970		2776		2562		1952		-	
			23.0	2.17	23.0	2.23	23.0	2.28	23.0	2.32	24.0	2.34	24.0	2.37	24.0	2.39	24.0	2.40	24.0	2.31	-	-
	2250	9351	3862		3720		3571		3416		3265		3107		2917		2717		2206		1293	
			24.0	2.32	24.0	2.38	24.0	2.43	24.0	2.47	24.0	2.50	24.0	2.52	24.0	2.55	24.0	2.57	25.0	2.53	24.1	2.09
	2300	9559	3965		3827		3685		3532		3384		3236		3057		2870		2420		1639	
			24.0	2.47	24.0	2.53	24.0	2.59	25.0	2.63	24.0	2.66	25.0	2.69	25.0	2.71	25.0	2.74	25.0	2.73	24.7	2.45
	2350	9797	4067		3935		3798		3649		3502		3357		3195		3014		2612		1959	
			25.0	2.63	25.0	2.69	25.0	2.75	25.0	2.79	25.0	2.83	25.0	2.86	25.0	2.88	25.0	2.91	26.0	2.93	26.0	2.77
	2400	9975	4169		4041		3908		3764		3619		3478		3332		3155		2776		2242	
			26.0	2.80	26.0	2.85	26.0	2.92	26.0	2.96	26.0	3.01	26.0	3.03	26.0	3.06	26.0	3.09	26.0	3.12	26.0	3.04
	2428	10091	4226		4101		3969		3828		3684		3544		3405		3232		2863		2372	
			26.0	2.90	26.0	2.95	26.0	3.01	27.0	3.06	27.0	3.11	27.0	3.14	27.0	3.16	27.0	3.19	27.0	3.23	27.0	3.18

Performance certified is for installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for Installation Type A: free inlet hemispherical sone levels. For models shown on this page, the AMCA Certified Ratings Seal applies to air and sound.

SX155BC | BELT DRIVE



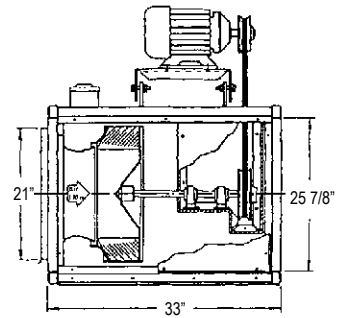
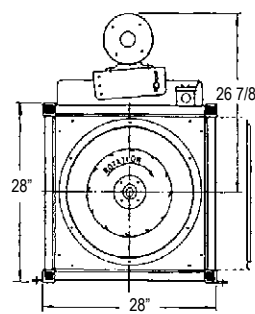
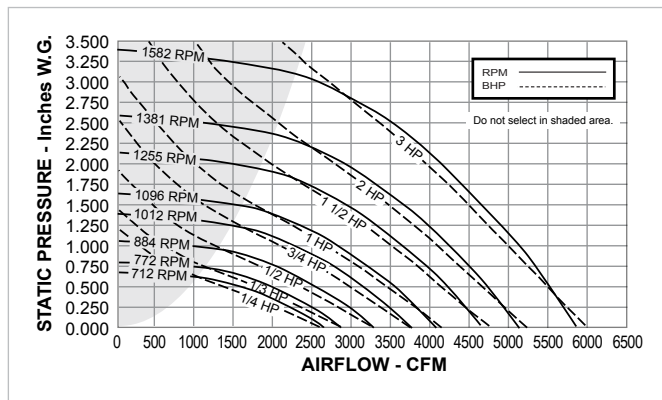
HP	RPM	Tip Speed FPM	1.058 mm		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1/4	750	3669	1766		1232		-		-		-		-		-		-		-		-	
			7.6	0.19	7.5	0.19	-		-		-		-		-		-		-		-	
	866	4237	2152		1762		1180		-		-		-		-		-		-		-	
			9.0	0.29	8.9	0.29	8.9	0.27	-		-		-		-		-		-		-	
1/3	900	4403	2263		1902		1403		-		-		-		-		-		-		-	
			9.3	0.32	9.3	0.33	9.3	0.32	-		-		-		-		-		-		-	
	939	4594	2389		2053		1621		580		-		-		-		-		-		-	
			9.8	0.36	9.8	0.37	9.7	0.37	9.8	0.25	-		-		-		-		-		-	
1/2	1025	5015	2663		2375		2004		1531		-		-		-		-		-		-	
			10.7	0.47	10.7	0.49	10.7	0.48	10.7	0.47	-		-		-		-		-		-	
	1075	5259	2820		2546		2219		1821		1134		-		-		-		-		-	
			11.3	0.54	11.3	0.56	11.2	0.56	11.3	0.55	11.4	0.47	-		-		-		-		-	
3/4	1150	5626	3052		2797		2515		2168		1737		709		-		-		-		-	
			12.4	0.65	12.4	0.68	12.4	0.69	12.4	0.68	12.3	0.66	12.5	0.45	-		-		-		-	
	1231	6023	3296		3064		2821		2519		2179		1713		-		-		-		-	
			13.6	0.79	13.6	0.82	13.5	0.85	13.5	0.84	13.4	0.83	13.4	0.79	-		-		-		-	
1	1256	6189	3398		3175		2942		2660		2332		1935		1257		-		-		-	
			13.9	0.86	13.9	0.89	13.9	0.92	13.9	0.91	13.9	0.90	13.9	0.88	13.9	0.75	-		-		-	
	1300	6360	3502		3288		3062		2796		2486		2140		1629		-		-		-	
			14.4	0.93	14.3	0.97	14.3	0.99	14.3	0.99	14.4	0.98	14.4	0.97	14.4	0.90	-		-		-	
1 1/2	1333	6522	3600		3395		3174		2923		2630		2316		1874		937		-		-	
			14.9	1.00	14.8	1.04	14.8	1.06	14.8	1.07	14.9	1.06	14.9	1.05	14.9	1.01	15.0	0.75	-		-	
	1375	6727	3725		3529		3315		3083		2810		2506		2145		1607		-		-	
			15.5	1.09	15.5	1.14	15.5	1.16	15.5	1.18	15.6	1.17	15.6	1.16	15.6	1.14	15.6	1.04	-		-	
1 1/2	1425	6972	3873		3688		3481		3271		3016		2728		2425		2003		1249		-	
			16.5	1.21	16.5	1.26	16.5	1.29	16.5	1.31	16.5	1.31	16.5	1.30	16.5	1.28	16.5	1.23	16.5	1.01	-	
	1475	7216	4021		3846		3646		3446		3210		2945		2661		2324		1856		-	
			17.6	1.34	17.5	1.39	17.5	1.42	17.5	1.45	17.5	1.45	17.5	1.44	17.5	1.43	17.4	1.41	17.4	1.32	-	
1 1/2	1526	7466	4171		4006		3813		3620		3405		3163		2888		2607		2223		1675	
			18.7	1.48	18.7	1.54	18.6	1.57	18.5	1.60	18.5	1.61	18.4	1.60	18.4	1.59	18.4	1.58	18.3	1.53	18.2	1.38

SX155BC | BELT DRIVE

HP	RPM	Tip Speed FPM	1.058 mm		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
2	1575	7706	4315		4159		3972		3785		3589		3358		3102		2837		2526		2112	
			19.9	1.62	19.8	1.69	19.7	1.72	19.6	1.75	19.5	1.77	19.4	1.77	19.3	1.75	19.3	1.74	19.2	1.72	19.1	1.64
	1600	7828	4389		4236		4053		3869		3683		3455		3210		2949		2663		2287	
			20.0	1.70	20.0	1.77	20.0	1.80	20.0	1.83	20.0	1.86	20.0	1.85	19.9	1.84	19.8	1.83	19.7	1.81	19.6	1.75
	1625	7950	4462		4312		4133		3952		3771		3551		3317		3060		2800		2448	
			21.0	1.78	21.0	1.85	21.0	1.88	21.0	1.91	21.0	1.95	21.0	1.94	20.0	1.93	20.0	1.92	20.0	1.91	20.0	1.86
	1650	8073	4535		4388		4213		4035		3856		3647		3423		3170		2916		2604	
			22.0	1.86	21.0	1.93	21.0	1.97	21.0	2.00	21.0	2.03	21.0	2.03	21.0	2.03	21.0	2.01	21.0	2.00	20.0	1.97
	1680	8219	4623		4478		4309		4134		3959		3761		3644		3300		3051		2772	
			22.0	1.96	22.0	2.03	22.0	2.07	22.0	2.11	21.0	2.14	21.0	2.15	21.0	2.14	21.0	2.13	21.0	2.12	21.0	2.09
3	1725	8440	4755		4613		4463		4282		4111		3931		3720		3494		3252		3009	
			22.0	2.12	22.0	2.19	22.0	2.24	22.0	2.27	22.0	2.31	22.0	2.33	22.0	2.32	22.0	2.31	22.0	2.30	22.0	2.29
	1775	8684	4900		4763		4611		4445		4279		4113		3912		3706		3471		3235	
			23.0	2.30	23.0	2.38	23.0	2.43	23.0	2.47	23.0	2.50	22.0	2.54	22.0	2.53	22.0	2.52	22.0	2.51	22.0	2.50
	1825	8929	5046		4913		4769		4607		4446		4284		4102		3902		3686		3457	
			24.0	2.50	23.0	2.58	23.0	2.64	23.0	2.67	23.0	2.71	23.0	2.75	23.0	2.76	23.0	2.75	23.0	2.74	23.0	2.72
	1875	9173	5192		5062		4925		4768		4611		4454		4290		4096		3899		3676	
			24.0	2.71	24.0	2.78	24.0	2.85	24.0	2.89	24.0	2.93	24.0	2.96	24.0	2.99	24.0	2.98	24.0	2.97	24.0	2.96
	1900	9296	5264		5136		5004		4848		4693		4538		4383		4191		4000		3784	
			25.0	2.81	24.0	2.89	24.0	2.96	24.0	3.00	24.0	3.04	24.0	3.08	24.0	3.12	24.0	3.11	24.0	3.10	24.0	3.08
	1923	9408	5331		5204		5075		4922		4769		4616		4463		4279		4090		3883	
			25.0	2.92	24.0	3.00	24.0	3.07	24.0	3.11	24.0	3.15	24.0	3.19	24.0	3.22	24.0	3.22	24.0	3.21	24.0	3.20

Performance certified is for installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for Installation Type A: free inlet hemispherical sone levels. For models shown on this page, the AMCA Certified Ratings Seal applies to air and sound.

SX165BC | BELT DRIVE



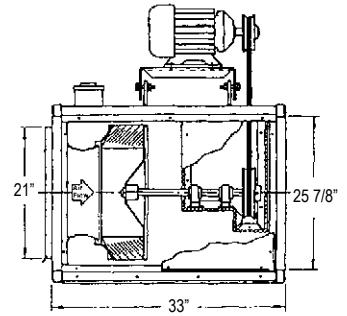
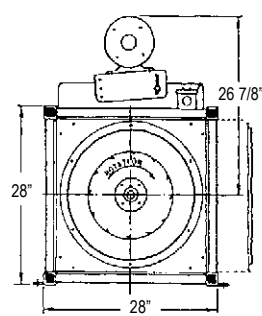
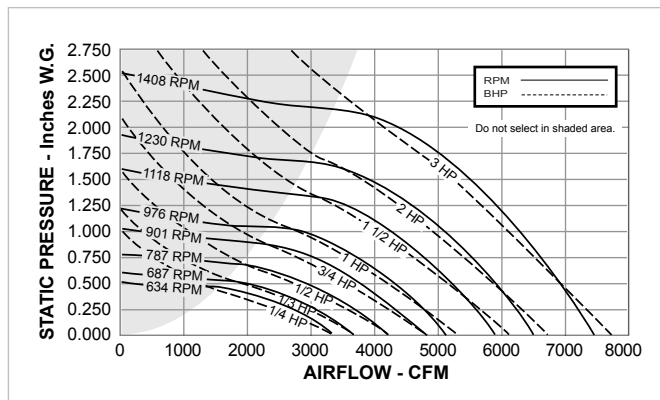
HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1/4	660	3229	2043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			8.3	0.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	712	3483	2282	-	1438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			9.9	0.29	9.4	0.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1/3	740	3620	2411	-	1721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10.3	0.32	9.9	0.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	772	3777	2555	-	2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10.6	0.36	10.1	0.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1/2	830	4061	2815	-	2364	1250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11.1	0.44	10.5	0.47	10.1	0.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	884	4325	3054	-	2652	1886	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12.0	0.53	11.3	0.56	10.8	0.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4	930	4550	3255	-	2873	2326	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12.8	0.61	12.0	0.65	11.4	0.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	970	4745	3428	-	3059	2619	1607	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			13.3	0.69	12.6	0.73	11.8	0.74	11.6	0.62	-	-	-	-	-	-	-	-	-	-	-	-
1	1012	4951	3609	-	3251	2870	2087	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			13.8	0.78	13.1	0.82	12.3	0.84	12.1	0.78	-	-	-	-	-	-	-	-	-	-	-	-
	1040	5088	3728	-	3380	3028	2371	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			14.4	0.85	13.6	0.88	12.8	0.92	12.5	0.88	-	-	-	-	-	-	-	-	-	-	-	-
1 1/2	1070	5235	3856	-	5616	3183	2653	1590	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			14.9	0.92	14.2	0.96	13.5	1.00	13.0	0.97	12.8	0.78	-	-	-	-	-	-	-	-	-	-
	1096	5362	3966	-	3633	3315	2861	1946	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			15.4	0.98	14.8	1.03	14.0	1.07	13.4	1.05	13.2	0.93	-	-	-	-	-	-	-	-	-	-
1 1/2	1140	5577	4152	-	3831	3524	3148	2422	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16.3	1.10	15.7	1.15	15.0	1.19	14.2	1.20	14.1	1.13	-	-	-	-	-	-	-	-	-	-
	1180	5773	4320	-	4009	3709	3379	2817	1858	-	-	-	-	-	-	-	-	-	-	-	-	-
			17.3	1.22	16.6	1.27	16.0	1.31	15.2	1.34	14.9	1.29	14.6	1.09	-	-	-	-	-	-	-	-
1 1/2	1220	5969	4485	-	4186	3893	3597	3165	2352	-	-	-	-	-	-	-	-	-	-	-	-	-
			18.1	1.34	17.6	1.40	16.8	1.44	16.1	1.48	15.6	1.45	15.4	1.33	-	-	-	-	-	-	-	-
	1255	6140	4629	-	4340	4054	3774	3399	2717	1704	-	-	-	-	-	-	-	-	-	-	-	-
			18.7	1.46	18.1	1.52	17.4	1.56	16.8	1.61	16.1	1.59	15.9	1.51	15.7	1.20	-	-	-	-	-	-

SX165BC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
2	1280	6262	4731		4450		4168		3898		3553		2965		2082		-		-		-	
			19.1	1.54	18.6	1.60	17.9	1.65	17.3	1.70	16.5	1.70	16.3	1.64	16.1	1.42	-	-	-	-	-	-
	1305	6384	4833		4559		4281		4016		3697		3201		2400		-		-		-	
			19.5	1.63	19.0	1.69	18.3	1.74	17.8	1.79	17.0	1.81	16.8	1.76	16.5	1.60	-	-	-	-	-	-
	1330	6507	4936		4667		4394		4132		3839		3417		2670		-		-		-	
			19.9	1.72	19.5	1.79	18.8	1.83	18.3	1.89	17.6	1.92	17.2	1.88	17.0	1.75	-	-	-	-	-	-
	1355	6629	5036		4776		4507		4248		3975		3592		2929		2036		-		-	
			20.0	1.82	19.9	1.89	19.3	1.93	18.8	1.99	18.1	2.03	17.6	2.00	17.4	1.90	17.1	1.60	-	-	-	-
	1381	6756	5142		4888		4623		4368		4108		3762		3188		2397		-		-	
			21.0	1.92	20.0	1.99	19.8	2.04	19.3	2.09	18.7	2.15	18.0	2.13	17.9	2.06	17.6	1.85	-	-	-	-
3	1420	6947	5300		5056		4798		4557		4305		3995		3548		2835		-		-	
			21.0	2.09	21.0	2.16	21.0	2.21	20.0	2.26	19.5	2.33	18.8	2.32	18.5	2.27	18.3	2.13	-	-	-	-
	1460	7143	5461		5227		4976		4730		4494		4222		3855		3248		2480		-	
			22.0	2.26	22.0	2.34	21.0	2.40	21.0	2.45	20.0	2.51	19.6	2.54	19.2	2.50	19.0	2.40	18.8	2.16	-	-
	1510	7387	5663		5440		5197		4958		4727		4486		4176		3724		3048		2197	
			23.0	2.50	23.0	2.58	22.0	2.65	22.0	2.69	21.0	2.75	21.0	2.81	20.0	2.79	19.9	2.73	19.7	2.57	19.4	2.18
	1550	7583	5824		5609		5372		5138		4911		4688		4408		4047		3459		2752	
			23.0	2.70	23.0	2.78	23.0	2.85	23.0	2.90	22.0	2.96	22.0	3.03	21.0	3.03	21.0	2.98	20.0	2.88	20.0	2.64
	1582	7740	5952		5744		5512		5282		5058		4842		4589		4265		3769		3111	
			24.0	2.87	24.0	2.95	23.0	3.02	23.0	3.07	23.0	3.13	22.0	3.20	22.0	3.23	21.0	3.19	21.0	3.12	21.0	2.93

Performance certified is for installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for Installation Type A: free inlet hemispherical sone levels. For models shown on this page, the AMCA Certified Ratings Seal applies to air and sound.

SX205BC | BELT DRIVE



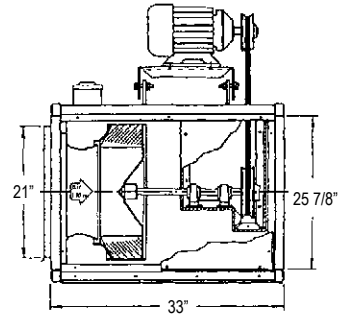
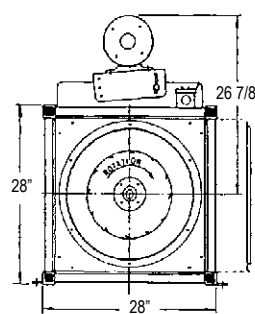
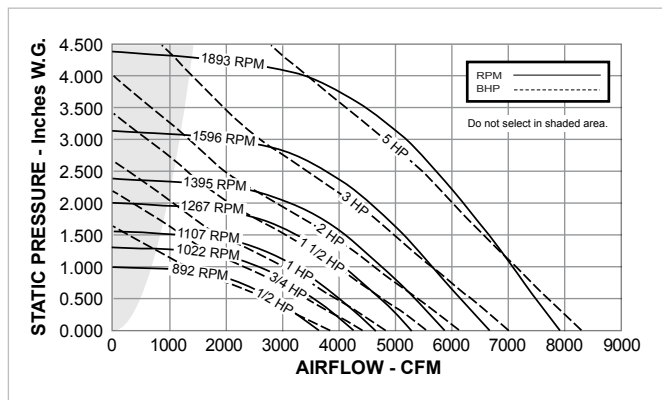
HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1/4	550	2916	2062		-		-		-		-		-		-		-		-		-	
			4.9	0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	634	3361	2702		-		-		-		-		-		-		-		-		-	
			6.3	0.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1/3	660	3499	2875		-		-		-		-		-		-		-		-		-	
			6.8	0.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	687	3642	3049		1925		-		-		-		-		-		-		-		-	
			7.4	0.37	7.0	0.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1/2	720	3817	3259		2345		-		-		-		-		-		-		-		-	
			8.2	0.42	7.6	0.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	755	4003	3478		2710		-		-		-		-		-		-		-		-	
			9.2	0.48	8.3	0.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	787	4172	3676		2995		-		-		-		-		-		-		-		-	
			10.2	0.54	9.0	0.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3/4	825	4374	3809		3306		-		-		-		-		-		-		-		-	
			11.5	0.61	9.7	0.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	865	4586	4147		3603		2682		-		-		-		-		-		-		-	
			12.4	0.70	10.3	0.75	10.2	0.72	-	-	-	-	-	-	-	-	-	-	-	-	-	
	901	4777	4358		3851		3074		-		-		-		-		-		-		-	
			13.3	0.79	10.9	0.84	10.9	0.84	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	925	4904	4498		4012		3322		-		-		-		-		-		-		-	
			14.0	0.85	11.5	0.90	11.3	0.91	-	-	-	-	-	-	-	-	-	-	-	-	-	
	950	5036	4642		4174		3549		-		-		-		-		-		-		-	
			14.8	0.91	12.2	0.97	11.9	0.99	-	-	-	-	-	-	-	-	-	-	-	-	-	
	976	5174	4792		4341		3772		2800		-		-		-		-		-		-	
1 1/2	1010	5354	4988		4557		4046		3225		-		-		-		-		-		-	
			16.5	1.09	14.1	1.15	13.1	1.19	12.9	1.16	-	-	-	-	-	-	-	-	-	-	-	
	1045	5540	5188		4777		4310		3598		-		-		-		-		-		-	
			17.3	1.20	15.0	1.27	13.6	1.32	13.6	1.31	-	-	-	-	-	-	-	-	-	-		
	1080	5726	5387		4995		4557		3947		2916		-		-		-		-		-	
			18.0	1.32	15.9	1.39	14.2	1.45	14.3	1.45	13.9	1.32	-	-	-	-	-	-	-	-	-	
	1118	5927	5602		5229		4815		4279		3478		-		-		-		-		-	
			18.8	1.46	16.9	1.54	14.9	1.60	15.0	1.61	14.8	1.57	-	-	-	-	-	-	-	-	-	

SX205BC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
2	1150	6027	5783		5425		5025		4543		3830		-		-		-		-		-	
			19.6	1.59	17.8	1.66	15.7	1.73	15.6	1.76	15.4	1.74	-	-	-	-	-	-	-	-	-	-
	1180	6256	5951		5608		5218		4780		4143		3121		-		-		-		-	
			20.0	1.71	18.6	1.79	16.6	1.86	16.2	1.90	16.1	1.89	15.8	1.71	-	-	-	-	-	-	-	-
	1205	6388	6092		5758		5378		4965		4391		3531		-		-		-		-	
			21.0	1.82	19.5	1.90	17.4	1.97	16.7	2.02	16.7	2.02	16.4	1.92	-	-	-	-	-	-	-	-
3	1230	6521	6231		5905		5537		5144		4613		3873		-		-		-		-	
			22.0	1.93	20.0	2.01	18.2	2.09	17.2	2.14	17.3	2.15	17.0	2.09	-	-	-	-	-	-	-	-
	1265	6706	6427		6110		5757		5384		4912		4251		-		-		-		-	
			23.0	2.09	22.0	2.18	19.6	2.26	18.1	2.32	18.1	2.34	17.9	2.32	-	-	-	-	-	-	-	-
	1300	6892	6622		6313		5976		5620		5192		4615		3831		-		-		-	
			24.0	2.26	23.0	2.36	21.0	2.44	19.3	2.50	19.0	2.54	18.8	2.53	18.7	2.41	-	-	-	-	-	-
	1340	7104	6844		6545		6224		5880		5499		4989		4310		-		-		-	
			25.0	2.47	24.0	2.57	23.0	2.65	21.0	2.73	20.0	2.78	19.9	2.78	19.8	2.72	-	-	-	-	-	-
	1380	7316	7065		6776		6471		6138		5786		5333		4734		3957		-		-	
			26.0	2.69	26.0	2.79	24.0	2.88	23.0	2.97	22.0	3.02	21.0	3.04	21.0	3.02	21.0	2.85	-	-	-	-
	1408	7464	7220		6937		6642		6316		5977		5560		5024		4324		-		-	
			27.0	2.86	27.0	2.96	26.0	3.05	24.0	3.14	23.0	3.20	22.0	3.23	22.0	3.21	22.0	3.11	-	-	-	-

Performance certified is for installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances. The sound ratings shown are loudness values in fan sonos at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for Installation Type A: free inlet hemispherical sone levels. For models shown on this page, the AMCA Certified Ratings Seal applies to air and sound..

SX205BHC | BELT DRIVE



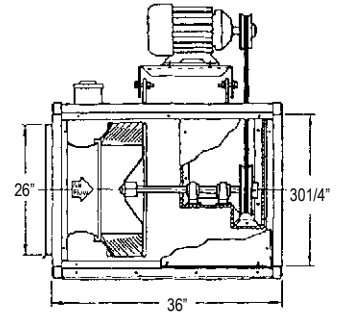
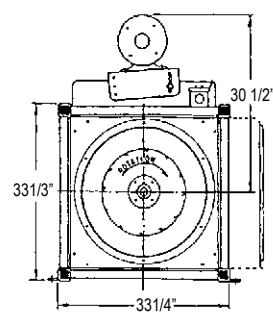
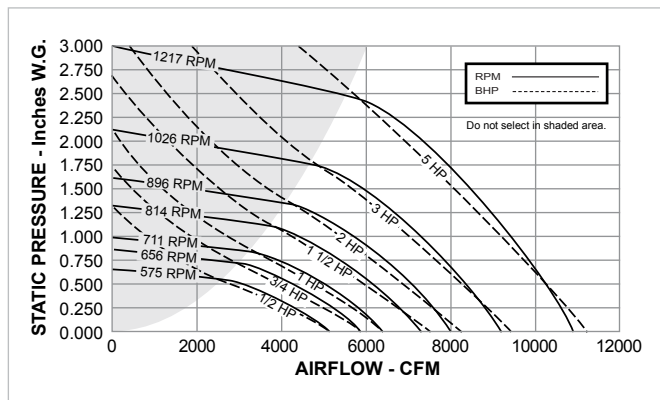
HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1/2	800	4241	987		-		-		-		-		-		-		-		-		-	
			8.2	0.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	892	4729	2204		-		-		-		-		-		-		-		-		-	
			9.4	0.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4	975	5169	2793		2050		-		-		-		-		-		-		-		-	
			10.7	0.73	10.9	0.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1022	5418	3081		2483		-		-		-		-		-		-		-		-	
			11.3	0.84	11.5	0.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1075	5699	3373		2886		2127		-		-		-		-		-		-		-	
			12.2	0.97	12.3	0.99	12.6	0.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1107	5869	3546		3106		2463		-		-		-		-		-		-		-	
			12.8	1.05	12.9	1.07	13.1	1.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 1/2	1175	6229	3909		3529		3024		2300		-		-		-		-		-		-	
			14.0	1.25	14.1	1.28	14.2	1.29	14.5	1.22	-	-	-	-	-	-	-	-	-	-	-	-
	1225	6494	4170		3806		3393		2810		1660		-		-		-		-		-	
			14.9	1.41	15.0	1.43	15.1	1.46	15.3	1.44	15.7	1.18	-	-	-	-	-	-	-	-	-	-
2	1267	6717	4383		4034		3658		3159		2458		-		-		-		-		-	
			15.8	1.55	15.8	1.57	15.9	1.61	16.0	1.61	16.2	1.52	-	-	-	-	-	-	-	-	-	-
	1300	6892	4546		4212		3862		3410		2822		1284		-		-		-		-	
			16.3	1.66	16.4	1.69	16.5	1.73	16.6	1.74	16.8	1.70	17.4	1.20	-	-	-	-	-	-	-	-
3	1340	7104	4741		4425		4092		3704		3187		2445		-		-		-		-	
			17.1	1.80	17.2	1.85	17.2	1.89	17.3	1.91	17.5	1.91	17.7	1.76	-	-	-	-	-	-	-	-
	1375	7289	4911		4609		4284		3926		3462		2857		1164		-		-		-	
			17.8	1.94	17.9	2.00	18.0	2.03	18.0	2.06	18.2	2.06	18.3	1.99	19.0	1.32	-	-	-	-	-	-
3	1395	7396	5008		4714		4394		4051		3614		3068		2079		-		-		-	
			18.2	2.02	18.3	2.08	18.4	2.11	18.4	2.15	18.6	2.15	18.7	2.11	19.1	1.83	-	-	-	-	-	-
	1440	7634	5224		4947		4637		4327		3952		3471		2828		-		-		-	
			18.8	2.20	18.9	2.28	19.0	2.30	19.0	2.35	19.2	2.37	19.3	2.37	19.6	2.25	-	-	-	-	-	-
	1480	7846	5417		5145		4851		4549		4208		3778		3258		2401		-		-	
			19.4	2.37	19.5	2.46	19.6	2.50	19.6	2.54	19.8	2.57	19.9	2.57	20.0	2.52	20.0	2.27	-	-	-	-
	1525	8085	5632		5366		5089		4796		4489		4117		3663		3060		-		-	
			20.0	2.58	20.0	2.67	20.0	2.72	20.0	2.76	20.0	2.80	21.0	2.81	21.0	2.81	21.0	2.69	-	-	-	-
	1550	8217	5752		5488		5220		4931		4643		4294		3856		3332		-		-	
			21.0	2.70	21.0	2.79	21.0	2.86	21.0	2.88	21.0	2.94	21.0	2.95	21.0	2.96	21.0	2.88	-	-	-	-
	1575	8350	5870		5609		5350		5066		4783		4453		4047		3570		-		-	
			21.0	2.82	21.0	2.92	21.0	2.99	21.0	3.01	21.0	3.07	21.0	3.09	22.0	3.10	22.0	3.06	-	-	-	-
3	1596	8461	5970		5711		5459		5179		4900		4585		4206		3759		1769		-	
			21.0	2.93	21.0	3.02	21.0	3.11	22.0	3.13	22.0	3.18	22.0	3.22	22.0	3.23	22.0	3.21	23.0	2.35	-	-

SX205BHC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
5	1650	8747	6224		5971		5729		5466		5195		4920		4593		4188		3106		-	
			22.0	3.21	22.0	3.32	22.0	3.41	22.0	3.45	22.0	3.49	22.0	3.54	23.0	3.56	23.0	3.56	23.0	3.33	-	
	1700	9012	6458		6212		5975		5729		5466		5204		4908		4566		3673		-	
			23.0	3.49	23.0	3.60	23.0	3.70	23.0	3.77	23.0	3.79	23.0	3.85	23.0	3.88	23.0	3.90	24.0	3.80	-	
	1750	9278	6689		6452		6219		5989		5733		5478		5218		4910		4132		2819	
			23.0	3.79	23.0	3.90	24.0	4.01	24.0	4.10	24.0	4.13	24.0	4.17	24.0	4.23	24.0	4.25	24.0	4.24	25.0	3.74
	1800	9543	6915		6690		6461		6239		5998		5750		5502		5224		4531		3572	
			25.0	4.10	25.0	4.22	25.0	4.33	25.0	4.43	25.0	4.48	25.0	4.51	25.0	4.57	25.0	4.61	25.0	4.63	26.0	4.40
	1840	9755	7096		6880		6653		6436		6208		5965		5722		5472		4835		4008	
			26.0	4.36	26.0	4.49	26.0	4.60	26.0	4.71	26.0	4.78	26.0	4.80	26.0	4.86	26.0	4.91	26.0	4.94	26.0	4.84
	1875	9940	7254		7045		6821		6608		6390		6151		5913		5676		5097		4327	
			27.0	4.59	27.0	4.73	27.0	4.85	27.0	4.96	27.0	5.05	27.0	5.07	27.0	5.12	27.0	5.18	27.0	5.23	27.0	5.18
	1893	10036	7334		7130		6908		6695		6483		6247		6011		5776		5226		4488	
			29.0	4.72	29.0	4.86	29.0	4.98	29.0	5.09	29.0	5.19	29.0	5.22	29.0	5.25	29.0	5.32	29.0	5.38	29.0	5.37

Performance certified is for installation type A: Free Inlet, Free Outlet. Power rating (BHP) does not include transmission losses. For further information on estimating belt drive losses and motor service factors see page 13. The sound ratings shown are for loudness values in fan sones at 5'0" (1.5m) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type A: free inlet hemispherical sone levels. Performance ratings do not include the effects of appurtenances.

SX225BC | BELT DRIVE



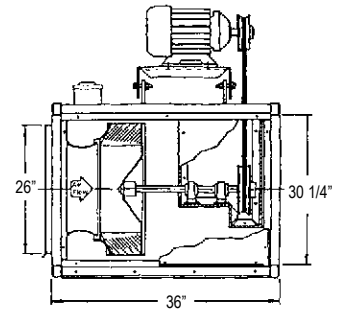
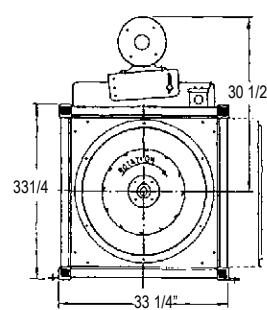
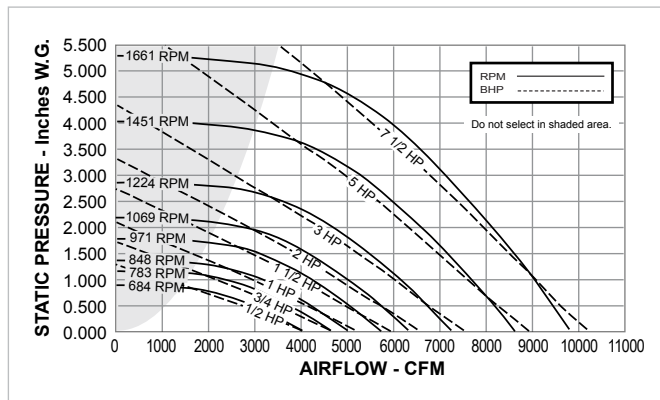
HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1/2	525	3410	3831		-		-		-		-		-		-		-		-		-	
			6.8 0.43		-		-		-		-		-		-		-		-			
	573	3722	4382		3145		-		-		-		-		-		-		-		-	
			8.1 0.55		7.8 0.55		-		-		-		-		-		-		-			
3/4	615	3995	4839		3802		-		-		-		-		-		-		-		-	
			9.9 0.67		8.7 0.69		-		-		-		-		-		-		-			
	656	4261	5266		4343		-		-		-		-		-		-		-		-	
			10.6 0.81		9.6 0.84		-		-		-		-		-		-		-			
1	670	4352	5407		4518		3182		-		-		-		-		-		-		-	
			10.9 0.86		9.8 0.90		9.9 0.84		-		-		-		-		-		-			
	690	4482	5608		4773		3628		-		-		-		-		-		-		-	
			11.3 0.93		10.2 0.98		10.3 0.95		-		-		-		-		-		-			
	711	4618	5817		5037		4012		-		-		-		-		-		-		-	
			11.8 1.02		10.5 1.07		10.9 1.06		-		-		-		-		-		-			
1 1/2	735	4774	6055		5328		4392		-		-		-		-		-		-		-	
			12.6 1.12		11.3 1.18		11.6 1.18		-		-		-		-		-		-			
	760	4937	6302		5623		4752		-		-		-		-		-		-		-	
			13.7 1.23		12.4 1.29		12.4 1.31		-		-		-		-		-		-			
	785	5099	6548		5910		5086		3949		-		-		-		-		-		-	
			15.0 1.35		13.8 1.42		13.1 1.44		12.9 1.38		-		-		-		-		-			
	814	5288	6830		6239		5451		4512		-		-		-		-		-		-	
			15.5 1.50		14.6 1.58		13.7 1.61		13.8 1.58		-		-		-		-		-			
2	830	5391	6983		6419		5654		4784		-		-		-		-		-		-	
			15.6 1.59		14.9 1.67		13.9 1.70		14.3 1.69		-		-		-		-		-			
	850	5521	7174		6635		5908		5091		-		-		-		-		-		-	
			16.0 1.70		15.4 1.78		14.3 1.83		14.8 1.82		-		-		-		-		-			
	875	5684	7412		6900		6220		5451		4357		-		-		-		-		-	
			16.7 1.84		16.2 1.94		14.8 1.99		15.5 2.00		15.4 1.90		-		-		-		-			
3	896	5820	7611		7121		6475		5734		4789		-		-		-		-		-	
			17.3 1.97		17.0 2.07		15.5 2.13		16.1 2.15		16.0 2.08		-		-		-		-			
	920	5976	7838		7369		6762		6044		5217		-		-		-		-		-	
			18.3 2.13		18.0 2.23		16.6 2.30		16.5 2.32		16.7 2.29		-		-		-		-			
	945	6183	8074		7621		7051		6358		5611		4433		-		-		-		-	
			19.3 2.30		19.0 2.41		17.8 2.48		17.1 2.51		17.4 2.50		17.3 2.33		-		-		-			
3	970	6301	8310		7872		7336		6677		5979		5012		-		-		-		-	
			21.0 2.48		20.0 2.60		18.9 2.68		18.0 2.72		18.1 2.72		18.0 2.62		-		-		-			
	995	6463	8544		8122		7620		6992		6321		5492		-		-		-		-	
			21.0 2.67		21.0 2.79		19.9 2.88		18.9 2.93		18.7 2.94		18.8 2.88		-		-		-			
	1026	6665	8835		8431		7966		7373		6725		6005		4927		-		-		-	
			22.0 2.92		22.0 2.92		20.0 3.15		19.6 3.20		19.6 3.22		19.6 3.20		19.5 3.02		-		-			

SX225BC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
5	1060	6886	9153		8767		8327		7782		7152		6513		5663		-		-		-	
			22.0	3.21	22.0	3.35	21.0	3.45	20.0	3.52	20.0	3.55	21.0	3.55	20.0	3.45	-		-		-	
	1090	7080	9433		9062		8644		8128		7535		6925		6197		5085		-		-	
			23.0	3.48	23.0	3.63	22.0	3.74	21.0	3.81	21.0	3.85	21.0	3.87	21.0	3.81	21.0	3.57	-		-	
	1120	7275	9712		9356		8957		8471		7912		7317		6667		5786		-		-	
			24.0	3.77	23.0	3.92	23.0	4.04	22.0	4.12	22.0	4.17	22.0	4.19	22.0	4.17	22.0	4.03	-		-	
	1160	7535	10084		9743		9361		8923		8399		7820		7246		6534		5500		-	
			25.0	4.18	25.0	4.33	24.0	4.46	23.0	4.56	23.0	4.62	23.0	4.65	24.0	4.66	23.0	4.58	23.0	4.34	-	
	1190	7730	10362		10030		9662		9254		8757		8203		7649		7015		6179		-	
			26.0	4.50	26.0	4.66	25.0	4.79	24.0	4.90	24.0	4.97	24.0	5.01	24.0	5.03	24.0	4.99	24.0	4.84	-	
	1217	7905	10612		10287		9932		9541		9068		8543		7995		7422		6698		5631	
			27.0	4.81	27.0	4.97	26.0	5.11	25.0	5.23	25.0	5.30	25.0	5.36	25.0	5.38	25.0	5.37	25.0	5.26	25.0	4.95

Performance certified is for installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances. The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for Installation Type A: free inlet hemispherical sone levels. For models shown on this page, the AMCA Certified Ratings Seal applies to air and sound.

SX225BHC | BELT DRIVE



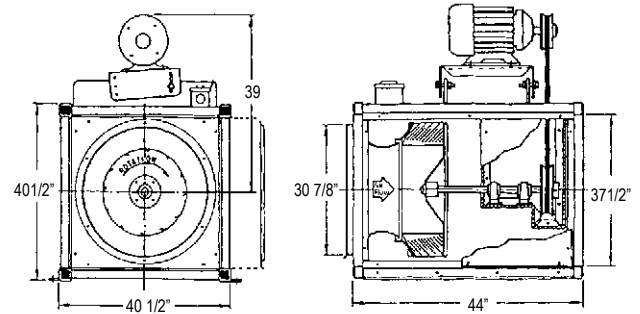
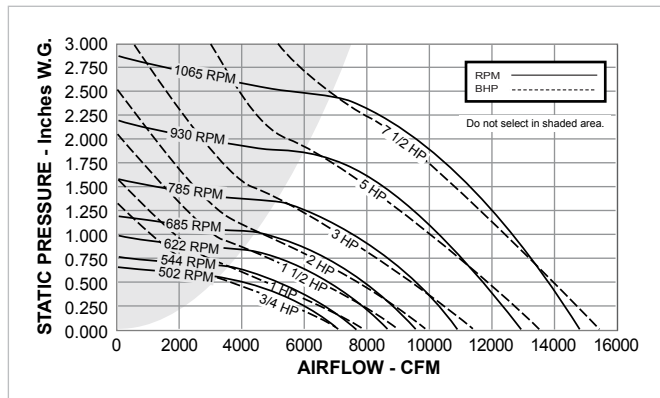
HP	RPM	Tip Speed FPM	0.750" SP		1.000" SP		1.250" SP		1.500"		1.750" SP		2.000" SP		2.250" SP		2.500" SP		3.000" SP		3.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
1	684	4443	2184		-		-		-		-		-		-		-		-		-	
			9.0	0.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3/4	725	4709	2626		-		-		-		-		-		-		-		-		-	
			9.7	0.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	783	5086	3168		2429		-		-		-		-		-		-		-		-	
			10.6	0.84	10.8	0.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	810	5262	3401		2742		-		-		-		-		-		-		-		-	
			11.1	0.93	11.3	0.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	848	5508	3716		3139		2286		-		-		-		-		-		-		-	
			11.9	1.07	12.0	1.07	12.2	1.00	-	-	-	-	-	-	-	-	-	-	-	-		
1 1/2	875	5684	3934		3391		2709		-		-		-		-		-		-		-	
			12.5	1.18	12.6	1.18	12.8	1.15	-	-	-	-	-	-	-	-	-	-	-	-		
	925	6009	4318		3840		3274		2436		-		-		-		-		-		-	
			13.7	1.38	13.6	1.39	13.8	1.39	14.1	1.29	-	-	-	-	-	-	-	-	-	-		
	971	6307	4665		4224		3724		3130		1919		-		-		-		-		-	
			14.6	1.58	14.6	1.61	14.7	1.61	14.9	1.58	15.3	1.32	-	-	-	-	-	-	-	-		
2	1000	6496	4874		4461		3992		3444		2647		-		-		-		-		-	
			15.2	1.72	15.2	1.76	15.3	1.76	15.5	1.74	15.8	1.63	-	-	-	-	-	-	-	-		
	1035	6723	5123		4733		4300		3811		3201		-		-		-		-		-	
			15.9	1.90	16.0	1.94	16.0	1.95	16.2	1.95	16.5	1.89	-	-	-	-	-	-	-	-		
	1069	6944	5362		4993		4585		4129		3601		2829		-		-		-		-	
			16.8	2.09	16.8	2.13	16.9	2.15	17.0	2.15	17.2	2.12	17.5	2.00	-	-	-	-	-	-		
3	1110	7210	5648		5303		4923		4505		4039		3472		2485		-		-		-	
			17.7	2.33	17.8	2.37	17.9	2.41	18.0	2.40	18.1	2.41	18.3	2.34	18.7	2.07	-	-	-	-		
	1150	7470	5924		5595		5236		4847		4417		3927		3280		-		-		-	
			18.5	2.58	18.6	2.62	18.7	2.67	18.8	2.68	18.9	2.68	19.1	2.65	19.4	2.55	-	-	-	-		
	1190	7730	6199		5879		5543		5180		4785		4352		3842		3057		-		-	
			19.4	2.84	19.5	2.89	19.5	2.94	19.6	2.97	19.8	2.96	19.9	2.97	20.0	2.90	20.0	2.72	-	-	-	-
1224	7951	6430		6119		5801		5458		5083		4672		4211		3641		-		-		
		20.0	3.08	20.0	3.14	20.0	3.18	20.0	3.23	20.0	3.22	21.0	3.23	21.0	3.19	21.0	3.11	-	-	-	-	
5	1275	8282	6775		6475		6178		5854		5509		5141		4737		4274		2676		-	
			21.0	3.45	21.0	3.54	21.0	3.57	21.0	3.62	22.0	3.65	22.0	3.64	22.0	3.65	22.0	3.60	23.0	3.06	-	-
	1325	8607	7110		6821		6535		6235		5919		5573		5203		4809		3738		-	
			22.0	3.85	22.0	3.95	23.0	3.99	23.0	4.04	23.0	4.10	23.0	4.09	23.0	4.09	23.0	4.09	24.0	3.88	-	-
	1375	8932	7442		7164		6887		6611		6306		5989		5654		5284		4446		2794	
			24.0	4.28	24.0	4.38	24.0	4.45	24.0	4.49	24.0	4.55	24.0	4.58	24.0	4.57	24.0	4.57	25.0	4.48	25.0	3.79
	1425	9256	7761		7504		7236		6970		6688		6394		6075		5744		4987		3930	
			25.0	4.73	25.0	4.85	25.0	4.94	25.0	4.98	25.0	5.03	25.0	5.09	25.0	5.09	25.0	5.09	26.0	5.06	26.0	4.79
	1451	9425	7927		7680		7416		7155		6884		6595		6291		5974		5263		4347	
			26.0	4.98	26.0	5.10	26.0	5.21	26.0	5.25	26.0	5.29	26.0	5.36	26.0	5.38	26.0	5.37	26.0	5.37	27.0	5.19

SX225BHC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.750" SP		1.000" SP		1.250" SP		1.500"		1.750" SP		2.000" SP		2.250" SP		2.500" SP		3.000" SP		3.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
7 1/2	1500	9744	8237		8010		7754		7501		7248		6972		6692		6386		5730		4964	
			26.0	5.47	27.0	5.61	27.0	5.72	27.0	5.78	27.0	5.82	27.0	5.88	27.0	5.95	27.0	5.94	28.0	5.94	28.0	5.84
	1550	10068	8553		8344		8097		7850		7606		7351		7080		6800		6191		5502	
			27.0	6.01	28.0	6.15	28.0	6.27	28.0	6.36	28.0	6.40	28.0	6.45	28.0	6.52	29.0	6.56	29.0	6.55	29.0	6.52
	1585	10296	8773		8576		8335		8093		7854		7613		7349		7085		6506		5859	
			29.0	6.40	29.0	6.56	29.0	6.68	29.0	6.79	29.0	6.83	29.0	6.88	29.0	6.94	29.0	7.01	30.0	7.00	30.0	7.01
	1610	10458	8930		8736		8504		8266		8030		7795		7539		7279		6718		6094	
			29.0	6.69	30.0	6.85	30.0	6.98	30.0	7.10	30.0	7.15	30.0	7.19	30.0	7.26	30.0	7.33	30.0	7.34	30.0	7.34
	1635	10621	9087		8895		8673		8438		8206		7974		7728		7472		6927		6327	
			30.0	6.99	30.0	7.16	30.0	7.29	30.0	7.41	30.0	7.48	30.0	7.52	31.0	7.58	31.0	7.65	31.0	7.69	31.0	7.69
	1661	10789	9249		9061		8848		8617		8387		8159		7924		7672		7144		6567	
			31.0	7.32	31.0	7.48	31.0	7.62	31.0	7.74	31.0	7.83	31.0	7.88	31.0	7.93	31.0	8.00	31.0	8.07	32.0	8.06

Performance certified is for installation Type A: free inlet, free outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances. The sound ratings shown are loudness values in fan sonos at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for Installation Type A: free inlet hemispherical sone levels. For models shown on this page, the AMCA Certified Ratings Seal applies to air and sound.

SX275BC | BELT DRIVE



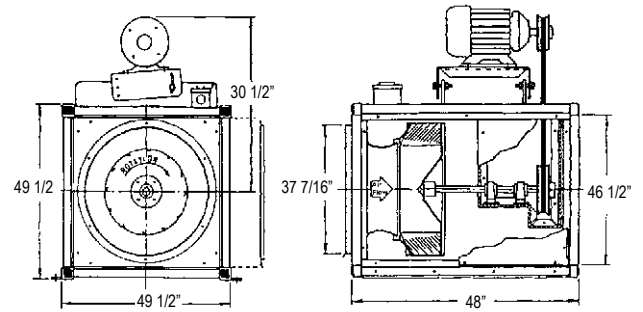
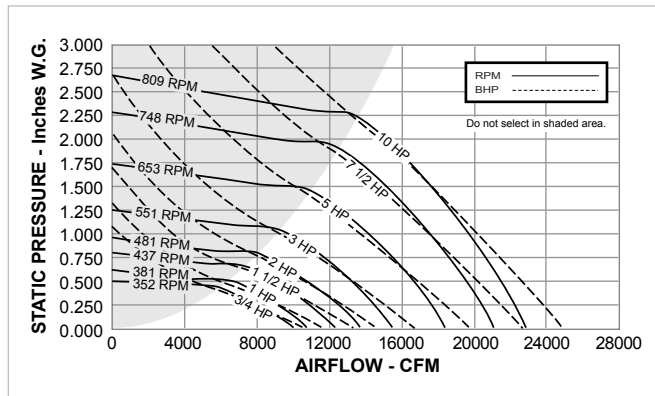
HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
3/4	400	3207	4486		-		-		-		-		-		-		-		-		-	
			5.9 0.42		-		-		-		-		-		-		-		-		-	
	502	4025	6366		4943		-		-		-		-		-		-		-		-	
			11.2 0.82		8.5 0.84		-		-		-		-		-		-		-		-	
1	520	4169	6678		5370		-		-		-		-		-		-		-		-	
			11.4 0.90		8.8 0.94		-		-		-		-		-		-		-		-	
	544	4362	7090		5897		-		-		-		-		-		-		-		-	
			11.9 1.02		9.5 1.07		-		-		-		-		-		-		-		-	
1 1/2	570	4570	7523		6430		4759		-		-		-		-		-		-		-	
			12.6 1.17		10.6 1.22		10.0 1.20		-		-		-		-		-		-		-	
	595	4770	7928		6917		5530		-		-		-		-		-		-		-	
			13.7 1.31		11.9 1.39		10.8 1.39		-		-		-		-		-		-		-	
	622	4987	8363		7424		6228		-		-		-		-		-		-		-	
			14.8 1.49		13.3 1.58		11.6 1.60		-		-		-		-		-		-		-	
2	635	5091	8571		7666		6535		4583		-		-		-		-		-		-	
			14.9 1.58		13.6 1.68		11.8 1.71		11.8 1.60		-		-		-		-		-		-	
	650	5211	8810		7938		6870		5209		-		-		-		-		-		-	
			15.0 1.68		14.0 1.80		12.1 1.83		12.3 1.77		-		-		-		-		-		-	
	665	5332	9049		8207		7196		5722		-		-		-		-		-		-	
			15.2 1.80		14.3 1.92		12.5 1.95		12.9 1.92		-		-		-		-		-		-	
685	5492	9366		8563		7611		6329		-		-		-		-		-		-		
		15.5 1.96		14.8 2.09		12.9 2.13		13.6 2.12		-		-		-		-		-		-		
3	710	5693	9760		9004		8112		6992		5126		-		-		-		-		-	
			16.0 2.17		15.3 2.31		13.8 2.36		14.4 2.39		14.2 2.24		-		-		-		-		-	
	735	5893	10153		9437		8591		7586		6115		-		-		-		-		-	
			16.9 2.39		16.2 2.54		14.8 2.62		14.7 2.65		15.3 2.58		-		-		-		-		-	
	760	6093	10544		9867		9060		8141		6907		-		-		-		-		-	
			17.9 2.63		17.2 2.79		16.0 2.88		15.1 2.92		16.3 2.89		-		-		-		-		-	
785	6294	10933		10294		9522		8666		7593		5941		-		-		-		-		
		19.1 2.89		18.4 3.06		17.2 3.17		16.0 3.21		17.4 3.22		17.1 3.08		-		-		-		-		
5	815	6534	11398		10784		10061		9271		8329		7025		-		-		-		-	
			20.0 3.22		19.1 3.40		18.1 3.53		17.0 3.58		17.6 3.61		18.3 3.53		-		-		-		-	
	840	6735	11784		11189		10507		9755		8888		7780		6061		-		-		-	
			21.0 3.51		19.7 3.70		18.8 3.85		17.7 3.91		17.8 3.94		19.3 3.91		19.0 3.71		-		-		-	
	870	6975	12247		11672		11035		10320		9532		8575		7247		-		-		-	
			22.0 3.88		21.0 4.08		20.0 4.25		19.0 4.33		18.4 4.37		20.0 4.39		20.0 4.27		-		-		-	
900	7216	12708		12153		11555		10878		10143		9286		8195		6577		-		-		
		23.0 4.28		23.0 4.49		22.0 4.67		21.0 4.78		19.9 4.82		21.0 4.86		22.0 4.80		21.0 4.59		-		-		
930	7456	13168		12631		12071		11419		10733		9953		9014		7745		-		-		
		25.0 4.71		25.0 4.92		24.0 5.12		23.0 5.25		22.0 5.31		22.0 5.34		23.0 5.35		23.0 5.22		-		-		

SX275BC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
7 1/2	950	7617	13473		12949		12413		11777		11112		10379		9511		8395		6753		-	
			27.0	5.01	26.0	5.23	25.0	5.44	24.0	5.58	23.0	5.65	23.0	5.69	23.0	5.72	24.0	5.62	23.0	5.34	-	
	970	7777	13779		13265		12749		12133		11488		10790		9983		8985		7623		-	
			28.0	5.32	27.0	5.55	27.0	5.76	26.0	5.92	25.0	6.00	24.0	6.04	24.0	6.08	24.0	6.03	24.0	5.86	-	
	995	7978	14160		13660		13156		12574		11954		11292		10541		9657		8503		-	
			30.0	5.73	29.0	5.97	28.0	6.19	27.0	6.37	26.0	6.47	25.0	6.51	25.0	6.55	25.0	6.56	25.0	6.42	-	
	1020	8178	14541		14053		13562		13010		12411		11781		11081		10274		9277		7941	
			30.0	6.16	30.0	6.41	29.0	6.63	28.0	6.82	27.0	6.95	26.0	7.00	26.0	7.04	26.0	7.08	27.0	6.99	26.0	6.80
	1045	8378	14921		14445		13966		13442		12861		12254		11599		10852		9975		8837	
			31.0	6.61	30.0	6.87	30.0	7.09	29.0	7.30	28.0	7.45	27.0	7.51	27.0	7.56	27.0	7.60	27.0	7.58	27.0	7.42
	1065	8539	15224		14758		14287		13787		13218		12630		12003		11298		10489		9474	
			31.0	6.98	31.0	7.25	30.0	7.48	30.0	7.70	29.0	7.86	28.0	7.94	27.0	7.98	28.0	8.03	28.0	8.05	28.0	7.92

Performance certified is for installation type A: Free Inlet, Free Outlet. Power rating (BHP) does not include transmission losses. For further information on estimating belt drive losses and motor service factors see page 13. The sound ratings shown are for loudness values in fan sones at 5'0" (1.5m) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type A: free inlet hemispherical sone levels. Performance ratings do not include the effects of appurtenances.

SX335BC | BELT DRIVE



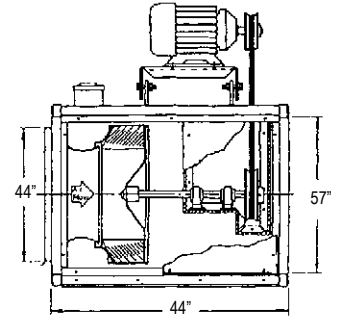
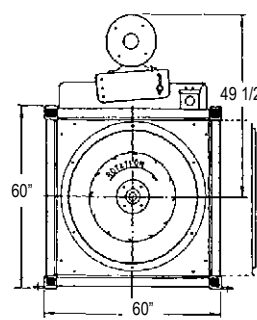
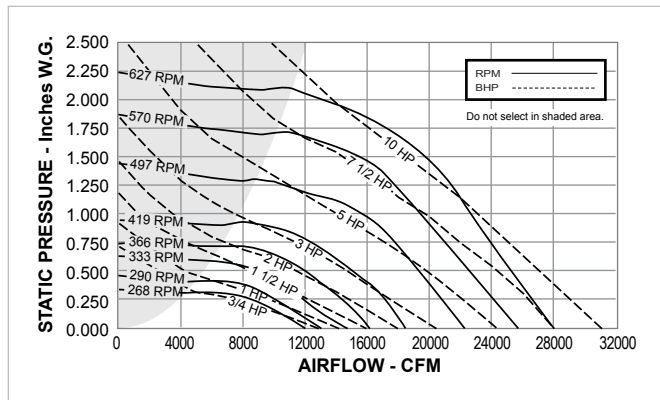
HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
3/4	300	2921	5916		-		-		-		-		-		-		-		-		-	
			5.6	0.52	-		-		-		-		-		-		-		-		-	
	352	3472	7923		-		-		-		-		-		-		-		-		-	
			7.6	0.80	-		-		-		-		-		-		-		-		-	
1	370	3602	8559		-		-		-		-		-		-		-		-		-	
			8.2	0.91	-		-		-		-		-		-		-		-		-	
	381	3709	8936		6173		-		-		-		-		-		-		-		-	
			8.7	0.99	8.9	1.03	-		-		-		-		-		-		-		-	
1 1/2	410	3992	9905		7750		-		-		-		-		-		-		-		-	
			10.2	1.21	10.8	1.33	-		-		-		-		-		-		-		-	
	437	4254	10782		8877		-		-		-		-		-		-		-		-	
			11.9	1.44	11.6	1.58	-		-		-		-		-		-		-		-	
2	460	4478	11514		9788		-		-		-		-		-		-		-		-	
			13.8	1.66	12.6	1.82	-		-		-		-		-		-		-		-	
	481	4683	12175		10587		8429		-		-		-		-		-		-		-	
			15.7	1.88	14.0	2.05	13.1	2.13	-		-		-		-		-		-		-	
3	490	4770	12455		10919		8907		-		-		-		-		-		-		-	
			16.6	1.98	14.8	2.16	13.8	2.26	-		-		-		-		-		-		-	
	510	4965	13073		11640		9836		-		-		-		-		-		-		-	
			18.3	2.21	16.1	2.41	14.8	2.54	-		-		-		-		-		-		-	
	535	5209	13839		12508		10864		8380		-		-		-		-		-		-	
			19.1	2.53	17.1	2.74	15.6	2.90	15.2	2.81	-		-		-		-		-		-	
	551	5364	14327		13048		11502		9495		-		-		-		-		-		-	
			19.8	2.75	17.9	2.97	16.2	3.14	15.9	3.18	-		-		-		-		-		-	
5	575	5598	15055		13849		12436		10730		-		-		-		-		-		-	
			21.0	3.11	19.4	3.34	17.7	3.53	17.0	3.66	-		-		-		-		-		-	
	600	5841	15802		14669		13368		11832		9523		-		-		-		-		-	
			23.0	3.51	21.0	3.75	19.8	3.96	18.4	4.13	18.1	3.99	-		-		-		-		-	
	625	6085	16535		15471		14270		12832		11097		-		-		-		-		-	
			26.0	3.94	24.0	4.20	22.0	4.43	20.0	4.60	19.8	4.67	-		-		-		-		-	
	653	6357	17353		16362		15244		13938		12463		-		-		-		-		-	
			26.0	4.46	25.0	4.74	23.0	5.00	22.0	5.19	21.0	5.35	-		-		-		-		-	

SX335BC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.250" SP		0.500" SP		0.750" SP		1.000" SP		1.250" SP		1.500" SP		1.750" SP		2.000" SP		2.250" SP		2.500" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
7 1/2	670	6523	17848		16898		15818		14592		13196		11356		-		-		-		-	
			27.0	4.79	25.0	5.10	24.0	5.36	22.0	5.57	21.0	5.75	21.0	5.70	-	-	-	-	-	-	-	-
	690	6718	18429		17522		16488		15333		13998		12440		-		-		-		-	
			28.0	5.22	26.0	5.53	25.0	5.80	24.0	6.04	22.0	6.21	22.0	6.31	-	-	-	-	-	-	-	-
	710	6912	19008		18141		17152		16065		14796		13416		11275		-		-		-	
			29.0	5.66	28.0	5.99	26.0	6.27	25.0	6.53	23.0	6.72	23.0	6.88	23.0	6.62	-	-	-	-	-	-
	730	7107	19586		18757		17809		16769		15580		14287		12621		-		-		-	
			30.0	6.13	29.0	6.48	28.0	6.77	26.0	7.04	25.0	7.25	24.0	7.44	24.0	7.41	-	-	-	-	-	-
	748	7282	20106		19309		18389		17398		16273		15021		13581		-		-		-	
			32.0	6.57	31.0	6.94	30.0	7.24	28.0	7.53	27.0	7.76	25.0	7.94	25.0	8.04	-	-	-	-	-	-
10	760	7399	20452		19676		18774		17805		16720		15499		14163		12150		-		-	
			33.0	6.88	32.0	7.26	31.0	7.57	29.0	7.86	28.0	8.10	26.0	8.29	26.0	8.44	25.0	8.14	-	-	-	-
	775	7545	20884		20133		19253		18311		17273		16097		14849		13189		-		-	
			34.0	7.28	33.0	7.67	32.0	7.99	31.0	8.28	30.0	8.54	28.0	8.74	27.0	8.94	26.0	8.83	-	-	-	-
	790	7691	21315		20589		19730		18813		17822		16692		15497		14006		-		-	
			36.0	7.70	35.0	8.10	34.0	8.42	33.0	8.73	32.0	9.00	29.0	9.22	28.0	9.43	27.0	9.43	-	-	-	-
	800	7788	21602		20893		20046		19147		18180		17080		15906		14537		-		-	
			37.0	7.98	36.0	8.39	35.0	8.72	34.0	9.03	33.0	9.32	31.0	9.55	29.0	9.75	28.0	9.84	-	-	-	-
	809	7876	21861		21165		20331		19447		18497		17427		16267		14975		13150		-	
			38.0	8.24	37.0	8.66	36.0	9.00	35.0	9.31	33.0	9.61	32.0	9.84	29.0	10.04	29.0	10.18	28.0	9.89	-	-

Performance certified is for installation type A: Free Inlet, Free Outlet. Power rating (BHP) does not include transmission losses. For further information on estimating belt drive losses and motor service factors see page 13. The sound ratings shown are for loudness values in fan sones at 5'0" (1.5m) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type A: free inlet hemispherical sone levels. Performance ratings do not include the effects of appurtenances.

SX420BC | BELT DRIVE



HP	RPM	Tip Speed FPM	0.125" SP		0.250" SP		0.375" SP		0.500" SP		0.750" SP		1.250" SP		1.000" SP		1.500" SP		1.750" SP		2.000" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
3/4	240	2757	9156		7098		-		-		-		-		-		-		-		-	
			4.6	0.53	4.1	0.60	-		-		-		-		-		-		-		-	
	268	3078	10639		8921		5642		-		-		-		-		-		-		-	
			5.8	0.71	5.2	0.80	5.0	0.77	-		-		-		-		-		-		-	
1	290	3331	11762		10212		8349		-		-		-		-		-		-		-	
			6.8	0.88	6.2	0.98	5.7	1.06	-		-		-		-		-		-		-	
1 1/2	310	3561	12735		11346		9823		6603		-		-		-		-		-		-	
			8.1	1.05	7.4	1.17	6.8	1.28	6.7	1.20	-		-		-		-		-		-	
	333	3825	13844		12603		11209		9477		-		-		-		-		-		-	
			8.9	1.28	8.2	1.41	7.7	1.53	7.4	1.60	-		-		-		-		-		-	
2	345	3963	14418		13249		11916		10437		-		-		-		-		-		-	
			9.4	1.41	8.8	1.55	8.3	1.68	7.8	1.78	-		-		-		-		-		-	
	355	4078	14894		13782		12497		11139		-		-		-		-		-		-	
			9.8	1.53	9.4	1.67	8.9	1.80	8.2	1.93	-		-		-		-		-		-	
3	366	4204	15417		14363		13129		11833		-		-		-		-		-		-	
			10.4	1.66	10.0	1.82	9.6	1.95	8.8	2.09	-		-		-		-		-		-	
	380	4356	16079		15097		13914		12675		8142		-		-		-		-		-	
			11.1	1.85	11.0	2.01	10.5	2.15	9.8	2.29	9.2	2.21	-		-		-		-		-	
4	395	4537	16786		15877		14738		13562		10282		-		-		-		-		-	
			12.1	2.06	12.0	2.24	11.6	2.38	10.9	2.53	10.0	2.62	-		-		-		-		-	
	410	4709	17490		16628		15553		14435		11797		-		-		-		-		-	
			12.9	2.29	13.1	2.48	12.8	2.63	12.2	2.78	10.8	3.00	-		-		-		-		-	
5	419	4813	17911		17068		16037		14953		12532		-		-		-		-		-	
			13.4	2.44	13.7	2.63	13.6	2.79	13.2	2.94	11.4	3.19	-		-		-		-		-	
	440	5054	18891		18088		17156		16134		13990		9601		-		-		-		-	
			14.9	2.80	15.4	3.00	15.8	3.18	15.4	3.34	13.6	3.66	12.7	3.44	-		-		-		-	
6	460	5284	19822		19053		18208		17231		15201		12332		-		-		-		-	
			16.2	3.18	16.8	3.39	17.5	3.58	17.0	3.75	15.4	4.09	13.9	4.19	-		-		-		-	
	480	5513	20749		20012		19250		18313		16388		14197		-		-		-		-	
			17.8	3.59	18.0	3.81	18.1	4.03	18.0	4.20	16.8	4.55	14.9	4.81	-		-		-		-	
7	497	5709	21535		20824		20113		19222		17381		15401		11530		-		-		-	
			19.3	3.97	19.1	4.20	19.0	4.43	19.0	4.61	18.2	4.97	15.8	5.30	15.5	5.04	-		-		-	

SX420BC | BELT DRIVE

HP	RPM	Tip Speed FPM	0.125" SP		0.250" SP		0.375" SP		0.500" SP		0.750" SP		1.250" SP		1.000" SP		1.500" SP		1.750" SP		2.000" SP	
			CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM		CFM	
			Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP	Sones	BHP
7 1/2	515	5916	22366		21679		20993		20176		18418		16577		13870		-		-		-	
			20.0	4.40	20.0	4.64	20.0	4.87	20.0	5.07	20.0	5.45	17.3	5.82	16.4	5.89	-	-	-	-	-	-
	530	6088	23056		22389		21723		20964		19268		17483		15291		10104		-		-	
			21.0	4.78	21.0	5.03	21.0	5.27	21.0	5.49	21.0	5.87	18.8	6.26	17.1	6.47	17.1	5.77	-	-	-	-
	545	6260	23746		23098		22449		21747		20097		18377		16468		12713		-		-	
			22.0	5.19	22.0	5.44	22.0	5.68	22.0	5.92	22.0	6.32	20.0	6.71	17.8	7.02	17.8	6.65	-	-	-	-
	560	6432	24435		23804		23173		22525		20919		19261		17522		14705		-		-	
			24.0	5.61	23.0	5.87	23.0	6.12	23.0	6.37	24.0	6.78	22.0	7.19	18.9	7.57	18.5	7.50	-	-	-	-
	570	6547	24894		24274		23653		23033		21463		19844		18181		15816		-		-	
			25.0	5.91	24.0	6.17	24.0	6.43	24.0	6.69	24.0	7.11	24.0	7.52	20.0	7.94	19.0	8.04	-	-	-	-
10	585	6720	25581		24977		24373		23768		22274		20712		19092		17137		13182		-	
			26.0	6.37	26.0	6.64	26.0	6.91	25.0	7.18	26.0	7.62	26.0	8.04	22.0	8.47	19.9	8.70	19.9	8.15	-	-
	595	6834	26039		25445		24851		24257		22811		21286		19693		17896		14648		-	
			28.0	6.70	27.0	6.97	27.0	7.24	26.0	7.51	26.0	7.97	27.0	8.40	23.0	8.84	20.0	9.14	20.0	8.80	-	-
	605	6949	26496		25912		25328		24743		23345		21856		20289		18603		15898		-	
			28.0	7.03	28.0	7.31	27.0	7.58	27.0	7.86	27.0	8.33	27.0	8.78	24.0	9.21	21.0	9.57	21.0	9.46	-	-
	615	7064	26953		26379		25804		25229		23878		22415		20882		19303		17023		12341	
			29.0	7.38	29.0	7.66	28.0	7.94	28.0	8.22	27.0	8.71	28.0	9.16	25.0	9.60	22.0	10.02	21.0	10.1	21.0	9.20
	627	7202	27502		26938		26374		25810		24513		23079		21587		20075		18083		14343	
			30.0	7.80	29.0	8.09	29.0	8.38	29.0	8.66	28.0	9.17	28.0	9.63	26.0	10.09	23.0	10.54	22.0	10.71	22.0	10.08

Performance certified is for installation type A: Free Inlet, Free Outlet. Power rating (BHP) does not include transmission losses. For further information on estimating belt drive losses and motor service factors see page 13. The sound ratings shown are for loudness values in fan sones at 5'0" (1.5m) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation Type A: free inlet hemispherical sone levels. Performance ratings do not include the effects of appurtenances.

PENNBARRY PRODUCT SOLUTIONS



Commercial

Roof & wall exhaust centrifugal fans
Ceiling, wall, & inline centrifugal fans
Roof supply centrifugal fans
Square & round centrifugal fans
Wall mounted axial fans
Hooded roof axial fans
Upblast roof axial fans
Gravity ventilators
Roof curbs



Industrial

Freestanding centrifugal fans
Industrial & material handling fans
Tubular centrifugal inline fans
Mixed flow centrifugal fans
Plug & plenum fans
Wall mounted propeller fans
Tube axial fans
Vane axial fans
Bifurcator fans
Lab exhaust



Kitchen ventilation

Make-up air units
Exhaust fans



Energy recovery

Outdoor units
Indoor units

PennBarry is proud to be your preferred manufacturer of commercial and industrial fans and blowers. Learn how PennBarry can assist you in your next application by contacting your PennBarry Representative or visiting us on the web at www.pennbarry.com

PennBarry | www.pennbarry.com | pennbarrysales@pennbarry.com | Tel 972 212 4700 | Fax 972 212 4702

PennBarry reserves the right to make changes at any time, without notice, to models, construction, specifications, options and availability. This document illustrates the appearance of PennBarry products at the time of publication. View the latest updates on the PennBarry website.

© 2018 PennBarry. All rights reserved. CENTREX INLINER SEPTEMBER 2018.



PENNBARRY™