



SKU
BSQ-140-LMDX-QD

Job Name:
Mark:
Submitted By:
Date: 11/21/2019

Centrifugal Inline Fan, Model BSQ-140, Belt Drive, Less Motor & Drive Package, 785-3262 CFM



Model BSQ centrifugal inline fan features a unique combination of installation flexibility, rugged construction, ease of service, high efficiency and low sound levels. These compact fans are the ideal selection for indoor clean air applications including intake, exhaust, return or make-up air.

- Removable access panels allow easy access to all interior components
- Aluminum, centrifugal wheel delivers maximum efficiency
- Inlet and discharge duct collars allow for easy duct connection
- Rigid, galvanized steel housing construction
- Factory tested bearings designed specifically for air handling applications with a minimum L₁₀ life in excess of 100,000 hours

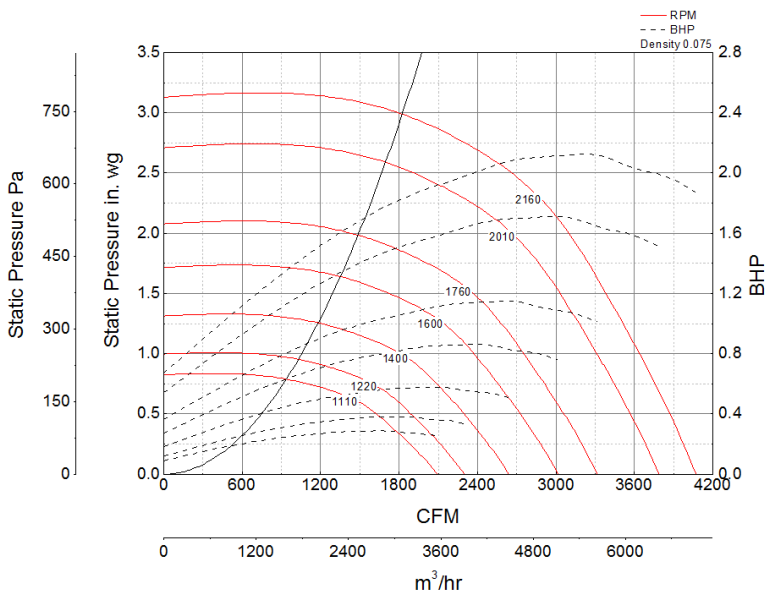


A	B	C	D	E
23 in	22 in	23 in	19.875 in	12.5 in

Certifications

AMCA Sound & Air
UL/cUL 705

Performance Characteristics



Note: The maximum FRPM for each motor horsepower is shown. For additional performance ranges available for this fan, refer to the performance table.

Construction Features

Drive Type	Belt Drive
Impeller Type	Centrifugal Wheel
Impeller Material	Aluminum
Housing Material	Galvanized Steel
Includes	Motor cover
Max Inlet Temp	160 °F
Certifications	AMCA Sound & Air UL/cUL 705
Drive Package Description	No drive package included

Motor Information

Motor Included	No
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Air and Sound Performance

Motor HP	Max BHP	Max Fan RPM	Min Fan RPM	Ps (in. wg)	0	0.125	0.25	0.375	0.5	0.625	0.75	0.875	1	1.25	1.5	1.75	2	2.25	2.5	2.75		
1/4	0.15	890	790	CFM	1,678	1,550	1,399	1,203	785	-	-	-	-	-	-	-	-	-	-	-	-	
				Sone _s	7.4	7.6	7.9	7.2	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-
1/4	0.29	1110	890	CFM	2,093	1,994	1,882	1,759	1,623	1,428	1,095	-	-	-	-	-	-	-	-	-	-	-
				Sone _s	11.2	11.1	11.1	11.2	11	9.4	7.5	-	-	-	-	-	-	-	-	-	-	-
1/3	0.20	980	810	CFM	1,848	1,735	1,601	1,452	1,235	-	-	-	-	-	-	-	-	-	-	-	-	-
				Sone _s	9.2	9.3	9.4	9.6	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-
1/3	0.38	1220	980	CFM	2,301	2,211	2,112	2,004	1,890	1,762	1,577	1,304	-	-	-	-	-	-	-	-	-	-
				Sone _s	12.7	12.5	12.4	12.4	12.4	12.2	11.6	10.8	-	-	-	-	-	-	-	-	-	-
1/2	0.15	900	780	CFM	1,697	1,571	1,422	1,235	856	-	-	-	-	-	-	-	-	-	-	-	-	-
				Sone _s	7.5	7.8	8	7.4	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-
1/2	0.30	1120	900	CFM	2,112	2,014	1,903	1,781	1,648	1,460	1,154	-	-	-	-	-	-	-	-	-	-	-
				Sone _s	11.3	11.3	11.2	11.3	11.2	9.7	7.9	-	-	-	-	-	-	-	-	-	-	-
1/2	0.58	1400	1120	CFM	2,640	2,562	2,482	2,390	2,295	2,195	2,088	1,966	1,793	-	-	-	-	-	-	-	-	-
				Sone _s	14.8	14.6	14.4	14.3	14.3	14.1	14	13.9	13.7	-	-	-	-	-	-	-	-	-
3/4	0.44	1280	1060	CFM	2,414	2,328	2,236	2,135	2,027	1,911	1,769	1,580	1,254	-	-	-	-	-	-	-	-	-
				Sone _s	13.6	13.4	13.1	13.1	13.1	13.1	13.1	13	12.9	-	-	-	-	-	-	-	-	-
3/4	0.86	1600	1280	CFM	3,017	2,949	2,880	2,805	2,725	2,642	2,555	2,468	2,370	2,117	1,719	-	-	-	-	-	-	-
				Sone _s	17	16.8	16.6	16.6	16.6	16.6	16.3	16	15.7	14.9	13.8	-	-	-	-	-	-	-
1	0.59	1410	1170	CFM	2,659	2,581	2,502	2,411	2,317	2,218	2,113	1,997	1,825	1,274	-	-	-	-	-	-	-	-
				Sone _s	14.9	14.7	14.5	14.4	14.4	14.2	14.1	14	13.8	13.2	-	-	-	-	-	-	-	-
1	1.14	1760	1410	CFM	3,319	3,257	3,194	3,131	3,059	2,986	2,910	2,831	2,752	2,578	2,342	2,007	-	-	-	-	-	-
				Sone _s	19.8	19.3	19	19	18.9	18.7	18.7	18.6	18.4	17.8	17.1	16.1	-	-	-	-	-	-
1 1/2	0.88	1610	1400	CFM	3,036	2,968	2,900	2,826	2,746	2,664	2,578	2,491	2,395	2,149	1,767	-	-	-	-	-	-	-
				Sone _s	17.2	16.9	16.7	16.7	16.7	16.7	16.4	16.1	15.8	15	13.9	-	-	-	-	-	-	-
1 1/2	1.71	2010	1610	CFM	3,790	3,736	3,681	3,627	3,571	3,507	3,443	3,379	3,312	3,173	3,027	2,870	2,633	2,342	1,899	-	-	-
				Sone _s	26	26	25	25	26	26	25	25	25	24	24	23	23	22	20	-	-	-
2	1.09	1730	1540	CFM	3,262	3,199	3,136	3,071	2,996	2,922	2,844	2,764	2,684	2,504	2,246	1,866	-	-	-	-	-	-
				Sone _s	19.1	18.7	18.3	18.3	18.2	18.1	18.1	18	17.8	17.2	16.4	15.2	-	-	-	-	-	-
2	2.12	2160	1730	CFM	4,073	4,023	3,972	3,921	3,870	3,815	3,755	3,696	3,637	3,510	3,381	3,242	3,096	2,883	2,659	2,298	-	-
				Sone _s	32	31	30	30	31	32	31	30	30	30	29	28	28	27	26	25	-	-



- Greenheck Fan Corporation certifies that the model shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.
- Performance certified is for installation type B: Free inlet, Ducted outlet.
- Power rating (BHP/kW) includes transmission losses.
- Performance ratings do not include the effects of appurtenances (accessories).
- The inlet sound ratings shown are loudness values in fan sones at 5 ft. (1.5 m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type B: free inlet hemispherical sone levels.