

**TECHNICAL
INFORMATION**

In the interest of continuing product improvement,
we reserve the right to change models,
specifications, and/or features without prejudice.

PROJECT: _____
 LOCATION: _____
 ARCHITECT: _____
 ENGINEER: _____
 CONTRACTOR: _____
 DATE: _____ SALES ENGINEER: _____

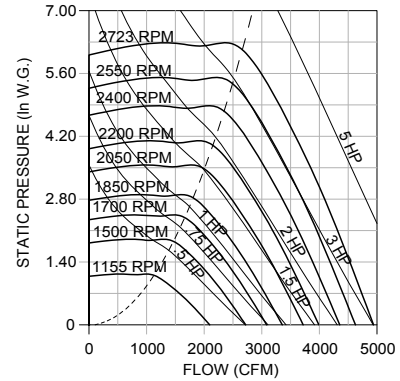
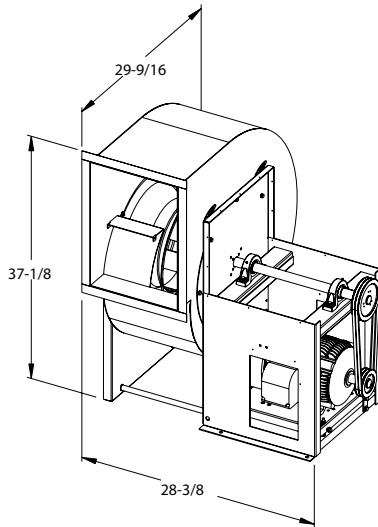
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309-794-1000

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Wheel Diameter - 15"
 Wheel Type - Flatblade
 Tip Speed (FPM) = 3.93 x RPM
 Max. BHP = .21 x (RPM/1000)³
 Inlet Area - 1.39 Sq. Ft.
 Outlet Area - 1.31 Sq. Ft.
 Outlet Velocity (FPM) = CFM/1.31
 Max. Mtr. Frame Size - 184T, Arr. 10
 Approx. Ship Wt.
 BI-150 - 291 lbs.



Do not select to left of dotted curve.

CFM	OV	1.000 SP		1.250 SP		1.500 SP		1.750 SP		2.000 SP		2.500 SP		3.000 SP		3.500 SP		4.000 SP		4.500 SP		5.000 SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1275	978	1155	0.28	1247	0.35																		
1475	1129	1224	0.34	1307	0.41	1387	0.48	1487	0.58														
1675	1282	1300	0.40	1378	0.48	1452	0.58	1524	0.64	1594	0.73												
1875	1436	1379	0.48	1454	0.58	1524	0.65	1591	0.74	1658	0.83	1783	1.02										
2075	1589	1463	0.57	1534	0.66	1601	0.75	1685	0.84	1728	0.94	1845	1.14	1959	1.35	2072	1.58						
2275	1742	1551	0.67	1617	0.77	1681	0.87	1742	0.97	1801	1.07	1914	1.28	2021	1.50	2128	1.73	2229	1.97				
2475	1895	1642	0.79	1704	0.89	1764	1.00	1823	1.10	1880	1.21	1988	1.44	2091	1.67	2189	1.91	2286	2.16	2380	2.42		
2675	2048	1735	0.92	1793	1.03	1850	1.14	1908	1.28	1960	1.37	2065	1.61	2164	1.85	2259	2.10	2350	2.36	2440	2.63	2528	2.91
2875	2202	1830	1.07	1885	1.19	1939	1.31	1992	1.43	2044	1.55	2145	1.80	2240	2.05	2332	2.32	2420	2.59	2505	2.88	2589	3.15
3075	2355	1927	1.24	1979	1.36	2031	1.49	2081	1.62	2130	1.75	2227	2.01	2320	2.28	2408	2.55	2494	2.84	2576	3.12	2657	3.42
3275	2508	2025	1.42	2075	1.56	2124	1.69	2172	1.83	2219	1.96	2311	2.24	2400	2.52	2487	2.81	2570	3.10	2650	3.40		
3475	2661	2125	1.63	2172	1.77	2219	1.91	2265	2.06	2310	2.20	2398	2.49	2484	2.79	2567	3.09	2648	3.39				
3675	2814	2225	1.85	2271	2.01	2316	2.16	2359	2.31	2402	2.46	2487	2.78	2570	3.07	2650	3.39						
3875	2967	2327	2.10	2370	2.26	2413	2.42	2455	2.58	2496	2.74	2578	3.06	2657	3.38								
4075	3121	2428	2.37	2470	2.54	2512	2.71	2552	2.87	2592	3.04	2670	3.38										
4275	3274	2532	2.67	2572	2.85	2612	3.02	2651	3.20	2689	3.37												
4475	3427	2634	2.98	2673	3.17	2712	3.38																