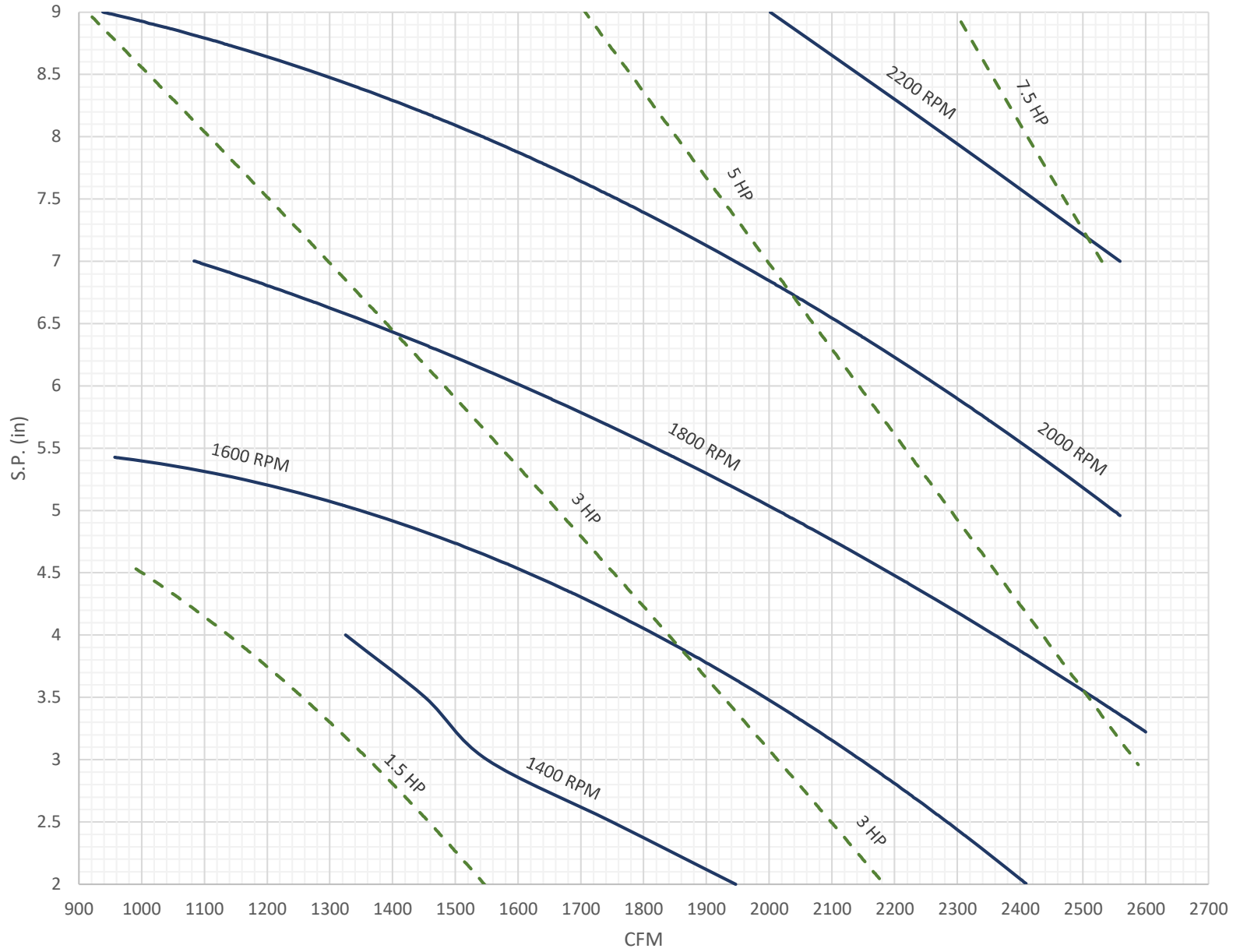


No. 20 Fan Performance Curves





No. 20 Material Handling Fan

Wheel Diameter 22"

No. of Blades: 8

Wheel Circumference
5.760'

Max RPM: 2600

*outlet velocity based on 9" diameter pipe

CFM	OUT VEL	2" S.P.		2.5" S.P.		3" S.P.		3.5" S.P.		4" S.P.		4.5" S.P.		5" S.P.		5.5" S.P.		6" S.P.		7" S.P.		8" S.P.		9" S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
884	2000	939	0.62	1121	0.74	1212	0.91	1254	1.09	1300	1.17	1446	1.36	1515	1.54	1590	1.76	1650	1.85	1777	2.31	1893	2.67	1992	2.87
972	2200	1054	0.70	1142	0.82	1230	0.99	1272	1.16	1314	1.27	1461	1.47	1539	1.72	1602	1.86	1663	1.97	1787	2.43	1902	2.78	2005	3.18
1060	2400	1072	0.77	1166	0.93	1252	1.09	1290	1.23	1328	1.37	1479	1.61	1551	1.81	1615	1.97	1675	2.08	1796	2.53	1911	2.91	2018	3.31
1149	2600	1101	0.88	1190	1.03	1269	1.16	1309	1.33	1348	1.49	1498	1.73	1569	1.94	1632	2.11	1693	2.26	1811	2.70	1924	3.08	2031	3.56
1237	2800	1132	0.99	1216	1.14	1298	1.30	1334	1.46	1371	1.62	1516	1.86	1586	2.08	1653	2.29	1714	2.47	1830	2.92	1944	3.33	2044	3.75
1325	3000	1161	1.10	1249	1.30	1327	1.45	1363	1.61	1400	1.77	1537	2.01	1607	2.23	1673	2.45	1734	2.66	1849	3.11	1960	3.53	2059	3.93
1414	3200	1198	1.25	1281	1.44	1354	1.61	1388	1.74	1422	1.98	1560	2.17	1628	2.39	1696	2.65	1753	2.85	1866	3.29	1978	3.78	2076	4.15
1502	3400	1228	1.40	1314	1.60	1383	1.77	1416	1.91	1449	2.19	1589	2.39	1653	2.58	1716	2.84	1770	3.02	1880	3.45	1993	3.98	2093	4.39
1590	3600	1263	1.57	1357	1.84	1414	1.94	1449	2.16	1485	2.42	1616	2.60	1682	2.80	1735	3.03	1791	3.23	1902	3.68	2010	4.20	2112	4.68
1679	3800	1305	1.77	1375	1.94	1446	2.18	1479	2.36	1511	2.64	1645	2.81	1706	3.01	1759	3.25	1813	3.45	1924	3.92	2030	4.47	2129	4.93
1767	4000	1336	1.95	1406	2.12	1476	2.36	1511	2.62	1546	2.82	1674	3.03	1729	3.23	1783	3.49	1837	3.67	1948	4.18	2052	4.67	2146	5.18
1856	4200	1362	2.11	1439	2.31	1507	2.58	1540	2.81	1572	3.04	1703	3.27	1753	3.48	1810	3.74	1864	3.95	1969	4.42	2072	5.02	2167	5.50
1944	4400	1399	2.33	1472	2.55	1538	2.82	1571	3.06	1603	3.25	1726	3.50	1782	3.76	1837	4.01	1890	4.22	1991	4.71	2095	5.34	2175	5.81
2032	4600	1435	2.54	1504	2.79	1575	3.09	1606	3.33	1637	3.53	1757	3.81	1816	4.09	1867	4.32	1919	4.51	2023	5.12	2121	5.71	2213	6.18
2121	4800	1472	2.81	1542	3.06	1609	3.36	1642	3.62	1674	3.84	1791	4.15	1849	4.43	1902	4.67	1957	4.90	2054	5.50	2141	5.99	2239	6.61
2209	5000	1507	3.07	1575	3.31	1641	3.62	1674	3.90	1708	4.13	1820	4.43	1876	4.70	1931	4.96	1982	5.22	2078	5.81	2176	6.48	2261	6.99
2297	5200	1546	3.35	1613	3.61	1676	3.90	1707	4.19	1738	4.47	1855	4.80	1910	5.04	1963	5.32	2021	5.61	2111	6.29	2204	6.87	2291	7.50
2386	5400	1590	3.70	1654	3.94	1713	4.21	1741	4.51	1770	4.82	1888	5.15	1941	5.36	1993	5.70	2047	6.07	2142	6.76	2235	7.36	2318	7.96
2474	5600	1628	3.99	1691	4.23	1748	4.55	1777	4.85	1806	5.17	1919	5.49	1971	5.71	2023	6.09	2077	6.46	2172	7.22	2262	7.84	2346	8.42
2562	5800	1663	4.27	1727	4.58	1785	4.90	1813	5.20	1841	5.46	1948	5.80	2001	6.11	2054	6.48	2106	6.86	2201	7.66	2291	8.35	2374	8.91
2651	6000	1703	4.59	1759	4.89	1820	5.24	1846	5.54	1872	5.82	1978	6.21	2031	6.51	2085	6.88	2134	7.30	2232	8.14	2324	8.92	2406	9.44