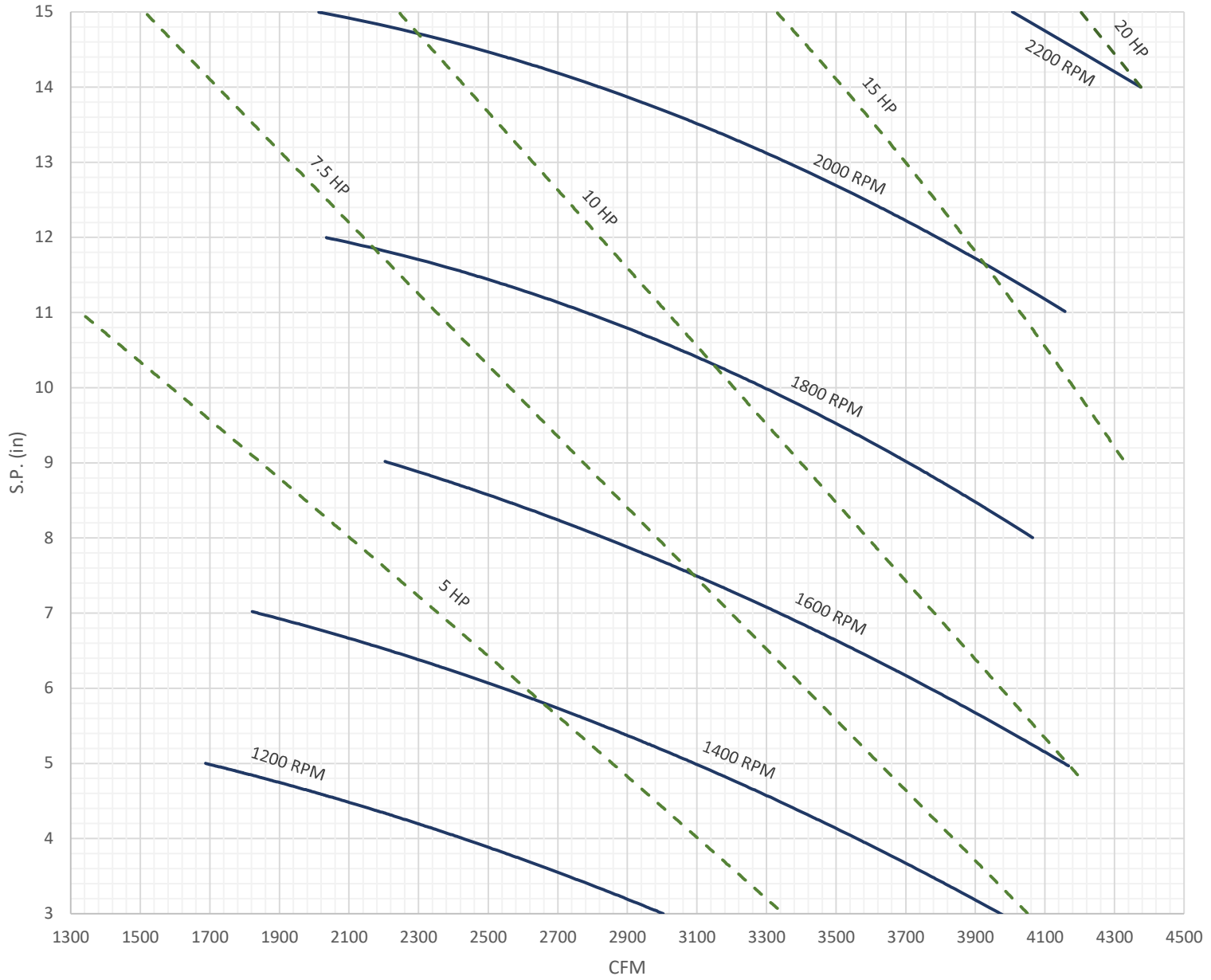


No. 25 Fan Performance Curves





No. 25 Material Handling Fan

Wheel Diameter 25.5"

No. of Blades: 12

Wheel Circumference
6.677'

Max RPM: 2250

*outlet velocity based on 11" diameter pipe

CFM	OUT VEL	3" S.P.		4" S.P.		5" S.P.		6" S.P.		7" S.P.		8" S.P.		9" S.P.		10" S.P.		11" S.P.		12" S.P.		13" S.P.		14" S.P.		15" 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	RPM	BHP
1320	2000	925	1.23	1048	1.62	1161	2.09	1265	2.51	1362	3.14	1451	3.62	1540	4.10	1609	4.52	1682	4.96	1763	5.76	1831	6.21	1899	6.66	1968	7.10
1452	2200	943	1.34	1062	1.72	1180	2.34	1275	2.68	1370	3.30	1458	3.78	1546	4.35	1617	4.77	1691	5.19	1769	5.99	1837	6.48	1905	6.97	1973	7.46
1584	2400	960	1.48	1076	1.86	1189	2.46	1284	2.83	1377	3.44	1465	3.95	1553	4.60	1625	4.91	1700	5.25	1773	6.15	1840	6.66	1907	7.17	1976	7.67
1716	2600	973	1.58	1093	2.03	1203	2.64	1298	3.07	1388	3.66	1475	4.18	1557	4.86	1634	5.22	1709	5.59	1780	6.42	1848	6.96	1916	7.51	1983	8.18
1848	2800	995	1.76	1108	2.20	1216	2.82	1314	3.35	1403	3.96	1490	4.52	1567	5.09	1644	5.51	1718	5.93	1786	6.65	1855	7.00	1921	7.75	1989	8.61
1980	3000	1017	1.97	1124	2.41	1232	3.03	1329	3.61	1417	4.23	1502	4.80	1578	5.34	1655	5.91	1727	6.26	1795	7.01	1860	7.25	1930	8.18	1998	9.26
2112	3200	1038	2.18	1145	2.69	1248	3.25	1344	3.87	1430	4.47	1516	5.13	1591	5.64	1666	6.25	1737	6.64	1807	7.45	1874	7.95	1939	8.60	2006	9.69
2244	3400	1060	2.40	1167	2.97	1267	3.50	1357	4.10	1441	4.68	1528	5.41	1604	5.96	1677	6.59	1749	7.09	1815	7.74	1881	8.30	1948	9.03	2015	10.13
2376	3600	1084	2.64	1191	3.28	1289	3.50	1373	4.38	1458	5.00	1541	5.71	1619	6.35	1691	7.02	1760	7.50	1828	8.21	1893	8.90	1959	9.55	2024	10.56
2508	3800	1108	2.96	1214	3.58	1308	4.09	1390	4.68	1475	5.33	1556	6.07	1632	6.70	1706	7.49	1775	8.06	1841	8.68	1904	9.41	1973	10.22	2034	11.05
2640	4000	1131	3.20	1233	3.83	1325	4.39	1408	4.99	1493	5.67	1573	6.47	1645	7.04	1717	7.83	1788	8.55	1856	9.22	1915	9.84	1983	10.69	2044	11.53
2772	4200	1155	3.51	1256	4.13	1344	4.72	1429	5.37	1509	6.00	1588	6.83	1661	7.47	1731	8.26	1800	9.00	1869	9.68	1929	10.40	1996	11.31	2056	12.12
2904	4400	1179	3.83	1278	4.41	1366	5.11	1449	5.73	1526	6.39	1606	7.25	1677	7.89	1749	8.82	1816	9.52	1882	10.15	1944	10.99	2009	11.88	2068	12.70
3036	4600	1207	4.20	1305	4.79	1392	5.56	1471	6.13	1551	6.95	1626	7.75	1696	8.39	1765	9.32	1832	10.04	1900	10.80	1960	11.62	2024	12.52	2083	13.43
3168	4800	1233	4.56	1329	5.21	1417	6.01	1500	6.65	1574	7.47	1641	8.13	1716	8.98	1783	9.87	1851	10.66	1914	11.32	1978	12.33	2039	13.16	2097	14.10
3300	5000	1258	4.91	1352	5.61	1438	6.38	1519	7.09	1593	7.89	1668	8.80	1733	9.49	1800	10.40	1867	11.18	1932	11.98	1993	12.92	2053	13.75	2112	14.83
3432	5200	1285	5.29	1378	6.07	1464	6.85	1542	7.62	1618	8.54	1689	9.33	1756	10.18	1822	11.05	1889	11.89	1949	12.58	2009	13.64	2067	14.35	2127	15.55
3564	5400	1313	5.72	1405	6.55	1488	7.28	1569	8.24	1642	9.18	1713	10.00	1777	10.81	1844	11.70	1906	12.46	1967	13.28	2025	14.43	2084	15.07	2142	16.27
3696	5600	1340	6.18	1430	7.02	1511	7.76	1592	8.77	1665	9.81	1734	10.65	1798	11.44	1865	12.32	1927	13.20	1986	13.98	2044	15.36	2103	15.88	2161	17.18
3828	5800	1368	6.66	1451	7.42	1534	8.30	1614	9.32	1687	10.40	1756	11.34	1820	12.10	1886	12.94	1945	13.83	2004	14.66	2061	16.19	2121	16.64	2177	17.95
3960	6000	1395	7.11	1477	7.91	1557	8.84	1636	9.91	1711	11.05	1781	12.11	1844	12.82	1909	13.67	1966	14.56	2023	15.41	2082	17.24	2139	17.41	2194	18.76
4092	6200	1422	7.63	1505	8.46	1585	9.50	1661	10.57	1736	11.74	1805	12.84	1870	13.60	1931	14.45	1988	15.33	2046	16.32	2105	18.26	2158	18.22	2211	19.18
4224	6400	1450	8.18	1532	9.05	1611	10.14	1689	11.31	1754	12.24	1828	13.48	1898	14.44	1953	15.23	2012	16.22	2070	17.27	2124	18.87	2177	19.02	2231	20.15
4356	6600	1478	8.72	1561	9.69	1637	10.83	1711	11.86	1783	13.03	1854	14.21	1919	15.17	1976	16.05	2031	16.97	2092	18.13	2143	19.48	2197	19.87	2252	21.17