



DS SERIES
92×92×25 mm

The graph illustrates the relationship between Air Pressure and Air Flow for a vacuum pump operating at different speeds. The y-axis represents Air Pressure in both PSI (0.00 to 0.40) and INCH H₂O (0.0 to 10.8). The x-axis represents Air Flow in both CFM (0.0 to 2.53) and MM-H₂O (0.0 to 88.0). Five curves are shown for 1800, 2100, 2800, 3800, and 4500 RPM. As the RPM increases, the pump's capacity to maintain higher pressure at higher flow rates improves.

Air Flow (CFM)	1800 RPM (PSI)	2100 RPM (PSI)	2800 RPM (PSI)	3800 RPM (PSI)	4500 RPM (PSI)
0.0	0.17	0.28	0.36	0.40	0.40
0.5	0.12	0.22	0.30	0.34	0.34
1.0	0.08	0.18	0.26	0.30	0.30
1.5	0.04	0.14	0.22	0.26	0.26
2.0	0.00	0.10	0.18	0.22	0.22

