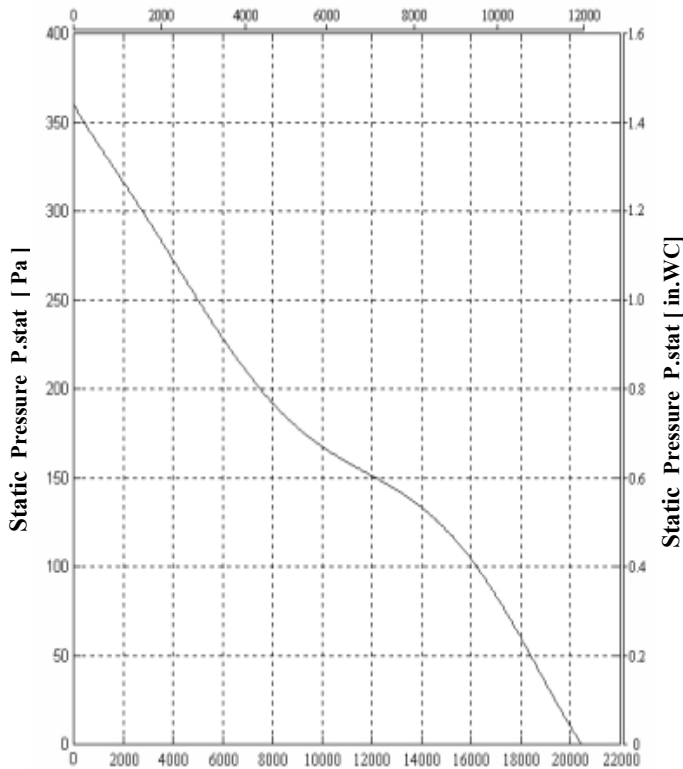


A800-5 / E65-6

Multi – Wing , 8W , 80 Cm

220V 1N~ 50 Hz

Air Volume [CFM]



Air Volume [m³/h]

Diagram is based on standard air $\rho=1.2 \text{ kg/m}^3$. **Pd** is system curve for dynamical pressure part related to Fan Outlet Area (Curve for free blowing fan). **Total Pressure** (the sum of the dynamic and static pressures) is shown in relation to the *Air Volume*, Dynamic pressure is shown below system line Pd and Static Pressure is shown above that line.

- Voltage Range 100 ~ 220 [V]
- Frequency 50 [Hz]
- Current *max @ free air* 4.2 [A]
- Power *max @ free air* 900 [W]
- Speed *@ free air* 820 [rpm]
- Insulation Class H
- Protection Class IP65
- Power Factor ($\cos \phi$) 0.98
- Capacitor 25 [μF] 400 [V]
- Net Weight 30 [kg]
- Starting Torque 3.5 [nm]
- Starting Current 7 [A] *max*
- Air Temperature $-40 \sim +60$ [$^{\circ}\text{C}$]

Voltage [V]	Air Volume [m³/h] @ $\rho=1.2 \text{ kg/m}^3$					
	Static Pressure ΔPt [Pa]					
	0	50	100	150	200	250
220	20410	18360	16200	12120	7490	4990

Impeller Type = Multi - Wing

Impeller Diameter = 800 mm

Number of Blades = 5

Blade Type = 8W

Blade Angle = 30°

Blade Material = Glass Reinforced Polyamide

Outlet Area = $0.5 \text{ [m}^2\text{]} = 5.4 \text{ [SQ.FT]}$

Voltage [V]	Sound Pressure Level dB(A)						
	80	100	125	150	170	190	220
Inlet	44	48	52	61	67	70	75

Measured in distance of 3m , @ *free air*

