

Fluid properties :

Density : 1.225 [kg/m³]

Temperature : 15 [deg C]

Impeller properties :

Diameter : 810 [mm]

Tip clearance (%R) : 1

Blade : C

Angle : 37.5°

Rotation speed : 960 [RPM]

Material : ALU

Hub-Blade : 12-6

Working point :

Q[cfm]	Pst[Pa]	Pdyn[Pa]	Ptot[Pa]	Pshaft[HP]	Eff(t) [%]	Lwt[dB(A)]
10200	100.2	53.46	153.7	1.467	67.6	81.62

Mechanical info :

Axial force[N]

79.17

Shaft torque[N*m]

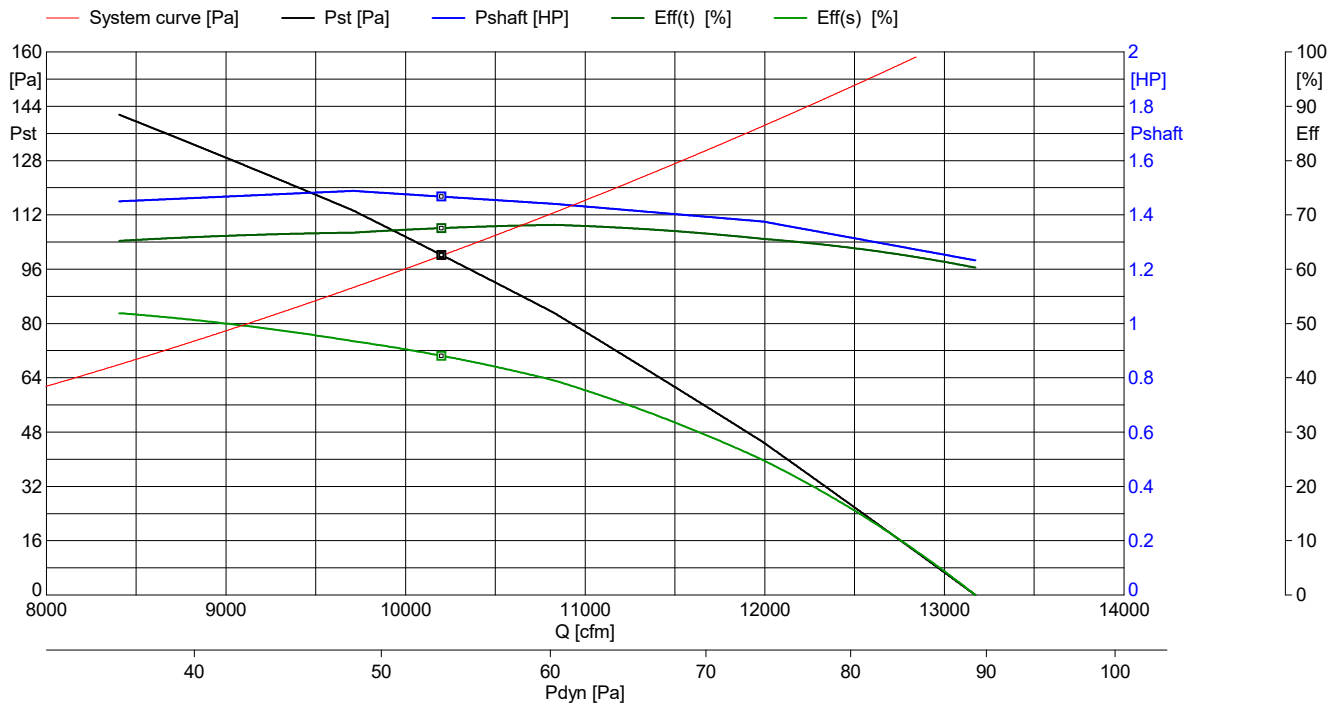
10.89

Tip speed[ft/min]

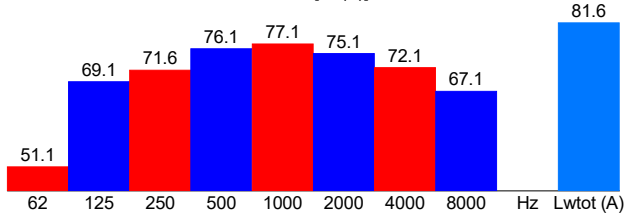
8015

Air speed[ft/min]

1839



Lw - SOUND POWER [dB(A)]



Lp - SOUND PRESSURE [dB(A)]

