

## ELTA FAN DATA FOR MODEL 029/150/5/22

Fan Code: **029/150/5/22**

### Requirements

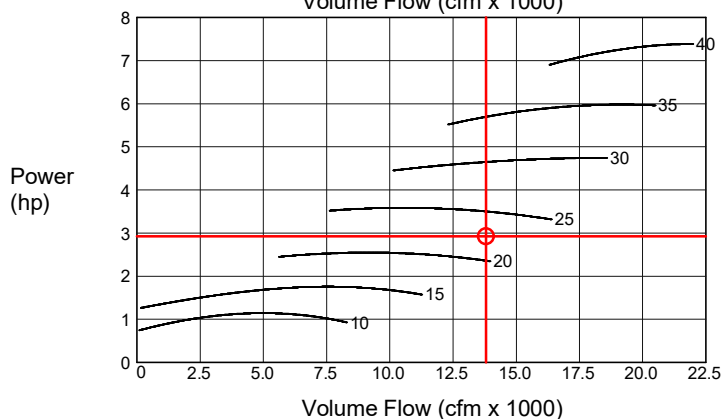
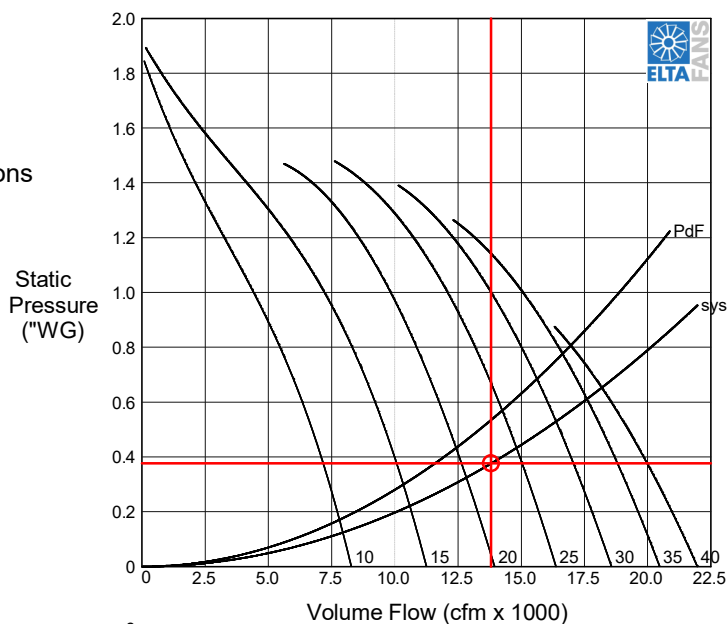
Volume: 13800 cfm  
 Static Pressure: 0.38 "WG  
 Selection Pressure: 0.38 "WG at std conditions  
 Installation Category: TYPE D  
 Temperature: 70 deg F  
 Altitude: 0 ft

### Fan Data (at STP)

Type: Impeller  
 Diameter: 29.3 in  
 Hub: 150 mm  
 Impeller Blades: 5  
 Pitch: 22 degrees  
 Blade Material: Aluminium  
 Speed: 1750 RPM  
 Absorbed Power: 2.92 hp  
 Peak Power: 3.05 hp  
 Impeller Total Eff: 68 %  
 Specific Fan Power: 0.40 W/(l/s)

### Motor Data (at STP)

Motor Type:  
 Electrical Supply:  
 Frame/Power/Eff:  
 Current FLC/Start:  
 Motor Speed:



Density: 0.075 lbs/ft<sup>3</sup>

### Sound Power

Spectrum (Hz)	63	125	250	500	1K	2K	4K	8K	dBW	dBA @ 5ft
Outlet PWL (dB)	92	93	88	87	87	85	83	77	98	77
Inlet PWL (dB)	91	93	88	87	86	82	80	71	97	76

Note: Levels are quoted as in-duct values. dBA values are average spherical free-field for comparative use only.