



## **Gun Smoke Extract Fans**

In today's combat vehicles, it is ever more necessary to ensure that military personnel are not exposed to unnecessary risk to health. Gun smoke, is at the least a discomfort to personnel in confined spaces, and may contain toxic elements that could represent a health hazard.

Extraction of gun smoke is quickly achieved using customised fans with high airflow characteristics. For this application Dynamic Air offer a range of 28V brushless DC fans which are used to exhaust toxic fumes from the vicinity of machine guns and cannon breeches.



These fans can be produced to run at high, low or intermediate speeds to match the severity of the pollution; or be switched to low speed to provide ventilation on operational conditions such as silent watch. They can also be used in howitzer turrets to provide ventilation and fume extraction



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Inquire at: <https://daesystemsnc.com>

email: [cs@daesyst.com](mailto:cs@daesyst.com) Phone: US +1-828 548-3192 \_ UK +44 (0)7586 809 151

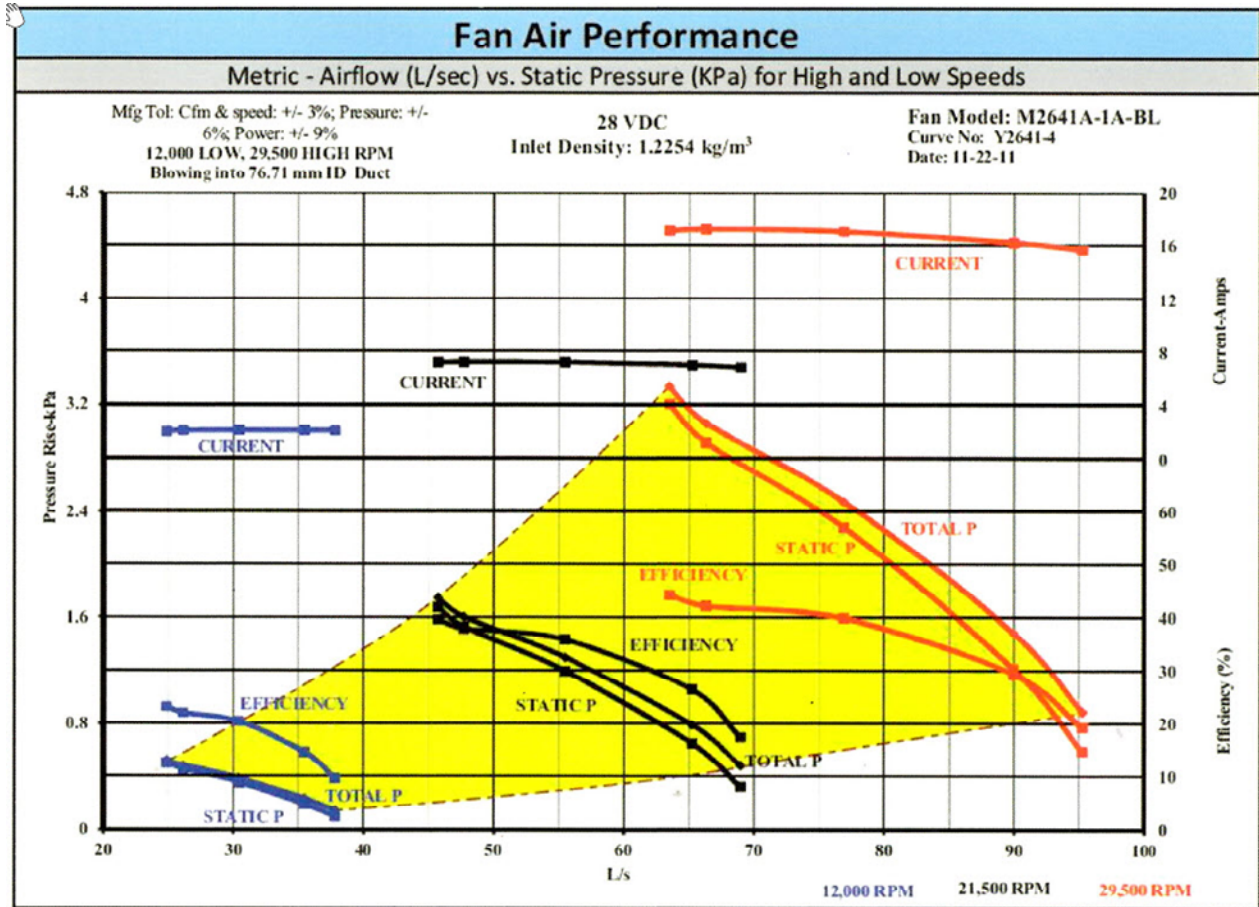
## Axial Fan Performance



### Typical Axial Configuration

Fan Type M2641  
 28V Brushless DC  
 Length; 4.84 in (123mm)  
 I.D: 2.65 in (67.3mm)  
 O.D: 4.38 in (111mm)

### Axial Fan Performance – Sample Curve

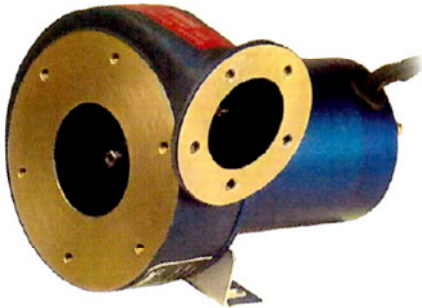


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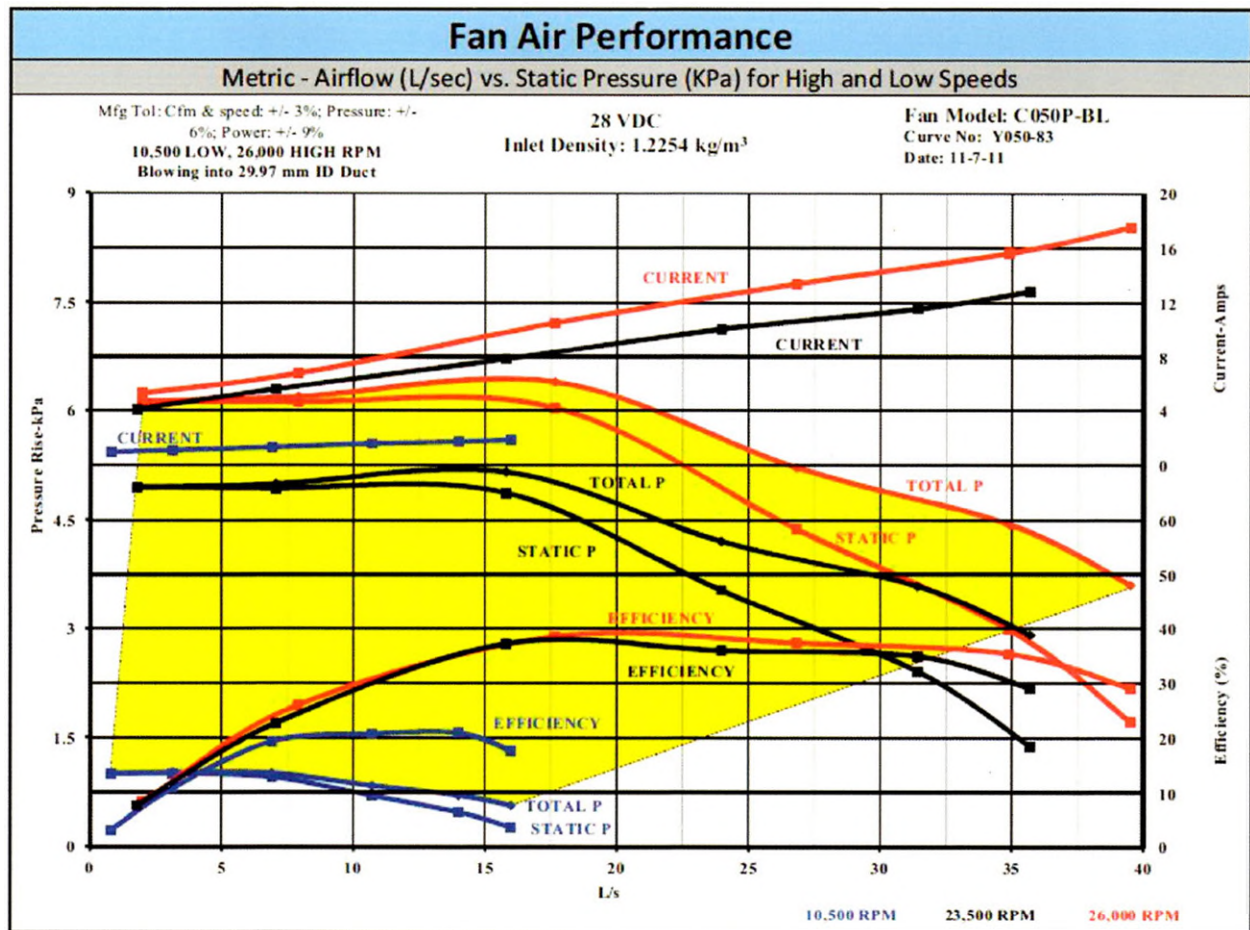
## Centrifugal Fans



### Typical Centrifugal Configuration

Fan Type C050P-BL  
 28V Brushless DC  
 Max width: 3.8 in (96.5mm)  
 Max depth: 5.32 in (135mm)  
 Max height: 4.12 in (105mm)  
 Weight: 2.33 LB (1.06 kg)

### Centrifugal Fans -Sample Performance Curve



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