

# 6010H05FPF3 T&T 5VDC 0.55A 60x60x10mm Hydraulic Bearing Fan Datasheet



**Brand:** T&T

**SKU:** [952303064744](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$24.29**

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Product Page:

<https://www.equipspares.com/product/6010h05fpf3-tt-5vdc-0-55a-60x60x10mm-hydraulic-bearing-fan>

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## Product Description

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The T&T 6010H05FPF3 is a high-performance DC axial cooling fan featuring a compact 60 x 60 x 10 mm form factor and a specialized hydraulic bearing system. Operating at a nominal 5 VDC with a current draw of 0.55 A, this unit utilizes a 3-wire interface for power and tachometer signal monitoring. The internal mechanism is constructed with a high-durability hydraulic bearing that reduces friction and noise while maintaining a rotational speed of approximately 4500 RPM. The frame and 7-blade impeller are molded from UL 94V-0 rated thermoplastic PBT, ensuring structural integrity under thermal stress. This fan is designed for low-profile thermal management, providing an airflow of 18.5 CFM and a static pressure rating suitable for dense heat sink dissipation.

### 6010H05FPF3 Specifications

Model Number: 6010H05FPF3

Brand: T&T

Category: DC Axial Fan

Dimensions: 60 x 60 x 10 mm

Nominal Voltage: 5 VDC

Operating Voltage Range: 4.5 to 5.5 VDC

Rated Current: 0.55 A

Power Consumption: 2.75 W

Rated Speed: 4500 RPM

Maximum Airflow: 18.5 CFM

Static Pressure: 3.2 mmH<sub>2</sub>O

Noise Level: 32 dBA

Bearing Type: Hydraulic Bearing

Interface: 3-wire (Red: +, Black: -, Yellow: FG/Sensor)

Connector Type: 3-pin small pitch

Material: PBT Plastic (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Weight: 25 g

Certifications: CE, RoHS Compliant

#### 6010H05FPF3 Applications

Primary applications include integration into MSI U90, U100, and U120 series netbook thermal modules and low-profile GPU heatsink assemblies. Deployed within compact telecommunications equipment, embedded industrial PC chassis, and portable medical diagnostic devices requiring high-density active cooling in restricted spatial envelopes.

## Supplemental Images

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