

## GLDF



### AXIAL FANS WITH DIRECT DRIVE FOR BUILDING VENTILATION AND AERATION

This series has the highest fan efficiency and therefore the lowest electricity consumption out of all the fans in its performance class. It is over 50% more efficient than normal round duct fans. Roughly 70% to 90% of a fan's

total costs can be attributed to electricity costs. These costs are cut by more than 30% with GLDF fans! What's more, the GLDF series is surprisingly affordable despite its good product properties. Its extraordinary performance data, and particularly its high fan efficiency, are due to the profiled blade shape and the continuous meridian channel. This results in very low-loss energy conversion in the fan

- 10 sizes
- Volume flow rate  $V$  max. approx. 20,000 m<sup>3</sup>/h
- The sizes 560, 630 and 710 can also be operated directly on the 400 V / 50 Hz three-phase supply

### Application

- Axial ventilation fan (supply and exhaust air) for installation in pipeline
- Installation / suspension in the building.

### Variants

- 1 ~ 230V – 50 Hz motor
- 3 ~ 400V – 50 Hz three-phase current motor (can be controlled using a frequency inverter)
- 1 ~ 230V – Hz EC motor

### Accessories

- Installation bracket
- Connection sleeve
- Cover grille
- Duct with self-powered shut-off damper
- Round silencers, rigid
- Round silencers, flexible
- Adapter plate (bridge between duct / pipe)
- Filter box with pocket filter F5 and hot water heating coils
- Filter box for pocket filter (without filter)
- Filter box with fleece G3
- 5-stage transformer (AP)
- 7-stage transformer (UP)
- EC controller
- Frequency inverter
- Local isolator, loose

## TECHNICAL INFORMATION

Quick sizing 

---

Dimensions and weight 

---

## DETAILED DESIGN



## HERE YOU'LL HAVE DIRECT ACCESS TO SELECT THE GLDF VIA THE TROX X-FANS PRODUCT CONFIGURATOR

Following features are at your disposal::

- Based on your requirements of volume-flow, pressure and installation arrangement including desired accessories select the ideal fan...
- Appropriate selection according to required power, sound, nominal size, price and production period
- Options and accessories get assessed for plausibility
- All required documents (e.g. technical specification, tender specification, certificates, drawings etc.) of specific selected fan to be downloaded or send by E-Mail

### TROX X-FANS GmbH

---



Heinz Trox Straße 1  
36251 Bad Hersfeld  
Germany  
Tel: +49 (0)6621/950-0

### Online-Services

---

- › [Product Configurator](#)

---

- › [Your contact partner](#)

---

- › [QSG Download](#)

---

### Service-Hotlines

---

Sales Germany  
and technical consulting  
[Contact](#)

### TROX IN SOCIAL WEB

---