



Centrifugal fan  
Roof fan  
Axial fan

## Fans



Centrifugal fan

drive type : D (direct drive)  
RF (belt drive flange double bearing)  
RB (belt drive block bearing | only for series HF R ...-13)



Roof fan



Axial fan

## Technical data

Volume flow : ..... m<sup>3</sup>/h

External pressure increase: ..... Pa

Medium temperature : ..... °C

Medium : .....

Operating point at 50 Hz :

## Impeller-material

PPs

GFK / CFK

steel coated

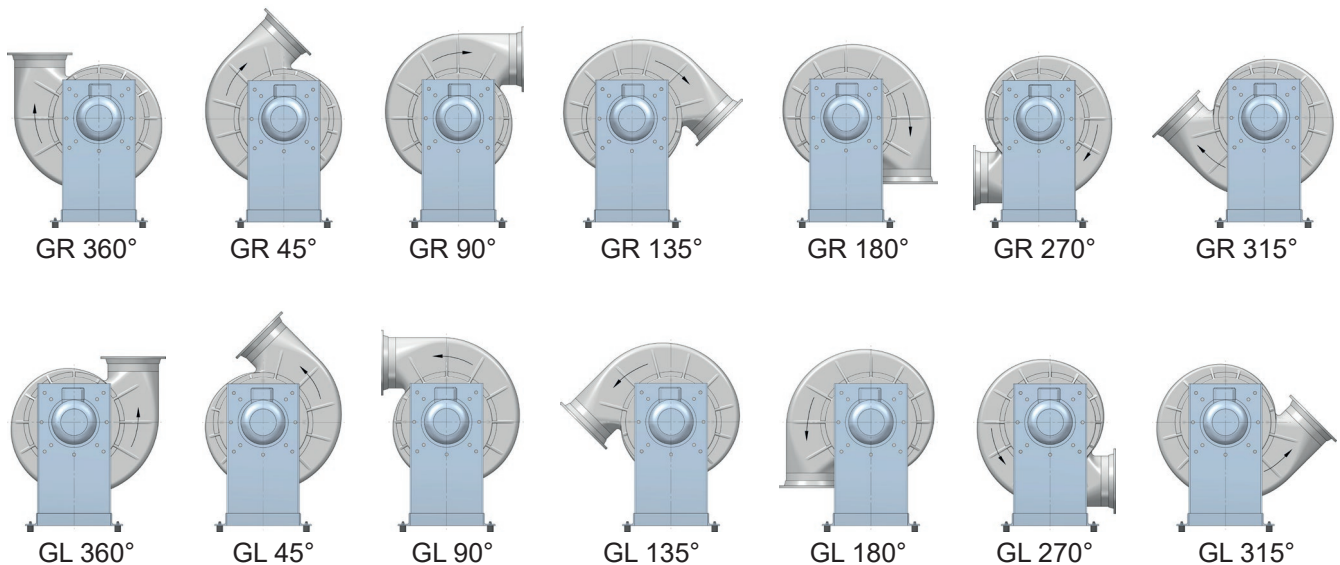


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## Installation and construction

Placement : interior exterior

Housing position HF R :



Connection inlet side / outlet side :  
flange  
sleeve  
sleeves with tightening straps / flange

## Motor and frequency converter

Motor fabrication : Techtop ABB Siemens .....

Motor version : single-stage two-stage (not with frequency converter)

IE3

Frequency converter : yes, switchboard installation surface installation

Frequency converter fab.: Blemo Danfoss

EC Motor : yes (only for HF R 125 - 250)



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## Explosion protection ATEX

Inner demand	:	no	2	1 (not for axial fans)	
Outer demand	:	no	2	1 (not for axial fans)	
Temperature class	:	T3	T4		
Explosion group	:	IIA	IIB	IIB+H2	IIB+C2 H2

## Accessories

Repair switch, installed	:	yes	no		
Shaft seals	:	yes	no		
spring vibration dampers					
vibration dampers (rubber)					
motor cover (we recommend for outdoor installation)					
roof mounting	:	for flat roof	with roof pitch, pitch	:	..... °
soundproofing	:	attenuation	:	.....	db/250 Hz
		sound enclosure	PP	galvanized	
silencer for roof fans					
automatic louver damper	:	mounting	:	vertical, pipe	
				vertical, free-suctioning	
				horizontal, pipe	
volume flow measurement					
ring nozzle inlet side					

Remarks