

- Extremely high-efficiency and energy-saving permanent magnet motor
- Requires no additional energy to magnetize the rotor
- Outstanding efficiency of an almost constant 96%, even in partial load operation

### INNOVATIVE AERZEN AIR FOIL BEARINGS

- Forward-looking double coating made of Teflon and graphite
- Theoretical bearing lifetime of >80,000 operating hours, regardless of stop and start cycles (>80 starts/stops per hour)
- Resistant to pressure peaks (for example, SBR processes, pulsations caused by positive displacement machines) and compressor surge
- Highly functional without necessary accessories (for example, electric control system, back up bearings, auxiliary electronics such as battery systems)
- Highly reliable operation even during voltage fluctuations and power supply failures
- 100% maintenance free

Further information are available within the product brochure (please select a performance to see the product brochure)

### PERFORMANCES & DIMENSIONS

AT 60-0.9 S G5PLUS



#### AT 60-0.9 S G5PLUS TECHNICAL INFO



#### TYPE OF TECHNOLOGY

TURBO BLOWERS

#### SERIES

AERZEN TURBO BLOWER GENERATION SPLUS

#### DESIGN

POSITIVE PRESSURE (15)

#### MEDIUM

AIR

#### CONVEYING / COMPRESSION

OIL-FREE

**PERFORMANCE DATA****PRESSURE DIFFERENCE, mbar**

900

**VOLUME FLOW\*, m<sup>3</sup>/h**

2,650

**MOTOR POWER, kw**

50

**SOUND PRESSURE, max. db(A)**

73

Sound pressure level without blow-off noise, with acoustic enclosure.

\* corresponds to the measured delivery volume flow converted to the customer-specific suction conditions  $p = 1,0 \text{ bar}$ ,  $t = 20^\circ\text{C}$ ,  $rF = 0\%$

**DIMENSIONS AND WEIGHTS****WIDTH (A), mm**

800

**DEPTH (B), mm**

1,040

**HEIGHT (C), mm**

1,500

**NOMINAL SIZE**

DN 150

**WEIGHT, kg**

800

Dates and dimensions without obligation.  
Technical changes reserved.