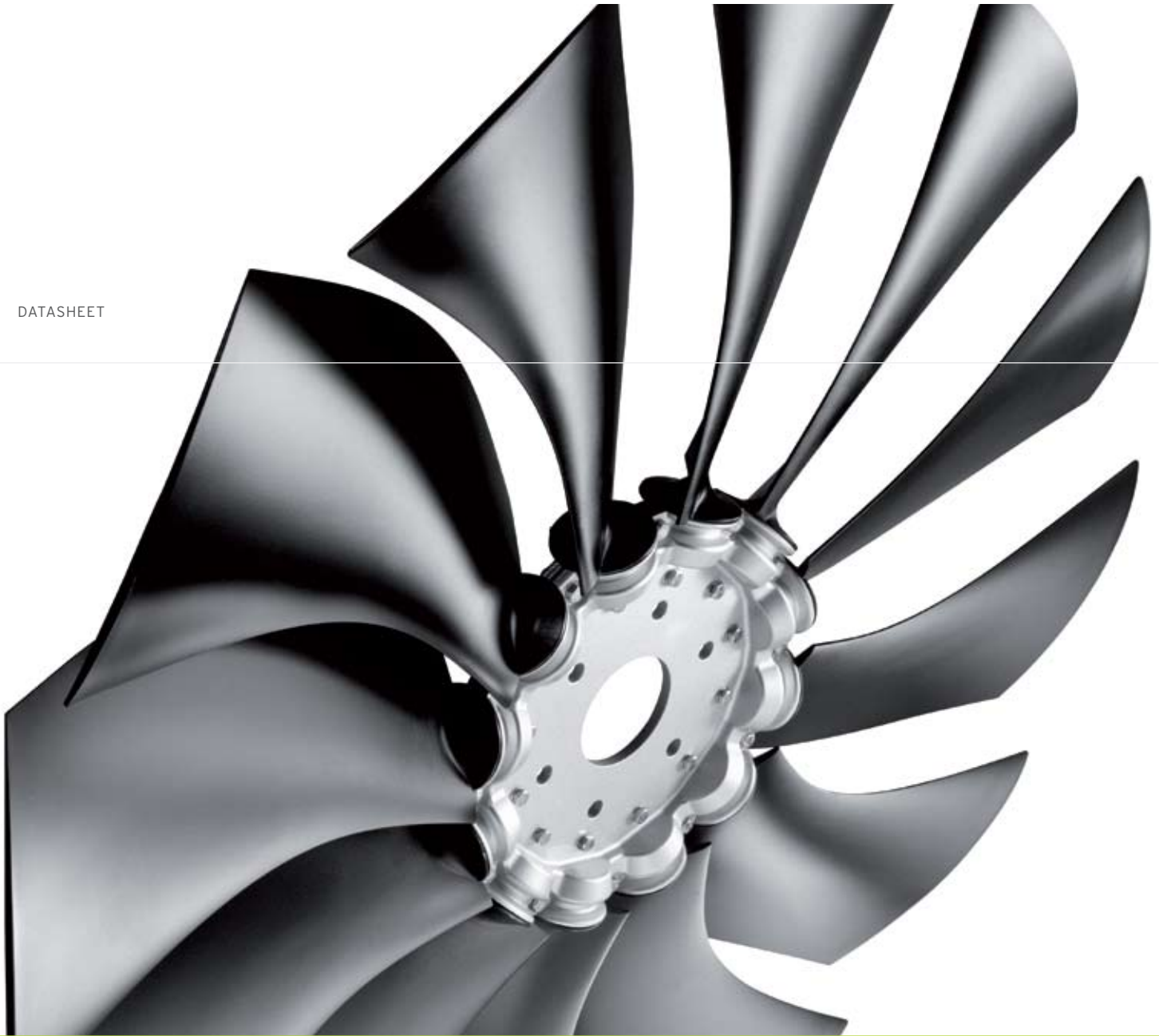


DATASHEET

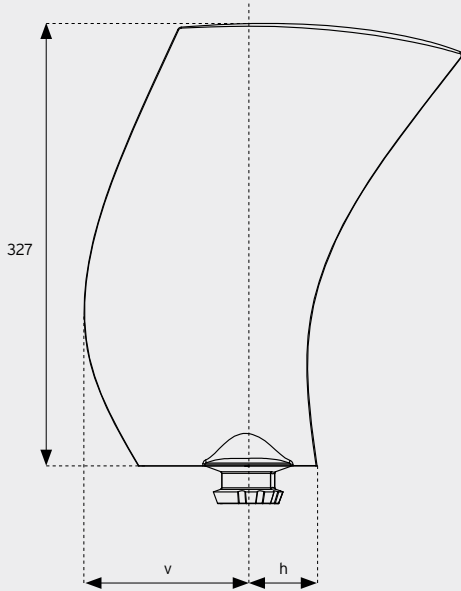


ENGLISH

7Z - THE PERFECT LOW-NOISE SOLUTION IN TIGHT SPACES

Multi-Wing's new 7Z broadens our low-noise sickle range of fans with its narrow profile. The 7Z is tailor made for a variety of heat exchanger applications - perfect for off-highway construction equipment - and delivers the higher static pressure required to help meet Tier 4 emissions standards in America and Stage III B limits for Mobile Nonroad Engines in Europe.

With a diameter range of 504-1029mm (20 to 40 inches), the heavy-duty 7Z is a great solution for condensers, cooling towers and ventilation applications. The heavy-duty 7Z: Delivering low-noise performance in tight spaces.



Design Features

8 standard pitch angles ranging from 20° to 45°.
 Fan blades for both clockwise and counter-clockwise rotation.
 7 hub sizes (5, 6, 7, 8, 9, 12 & 16 blades all symmetrically arranged),
 each available in a range of bore/fixing configurations.

Materials

The hub parts are as standard manufactured in a pressure die cast silumin alloy (EN AC-AI Si12 Cu1 (Fe)).

The fan blades are available in the following 2 materials to suit applications with different speeds and ambient temperatures.

PPG Glass reinforced polypropylene
 Temperature range: -10°C to +80°C

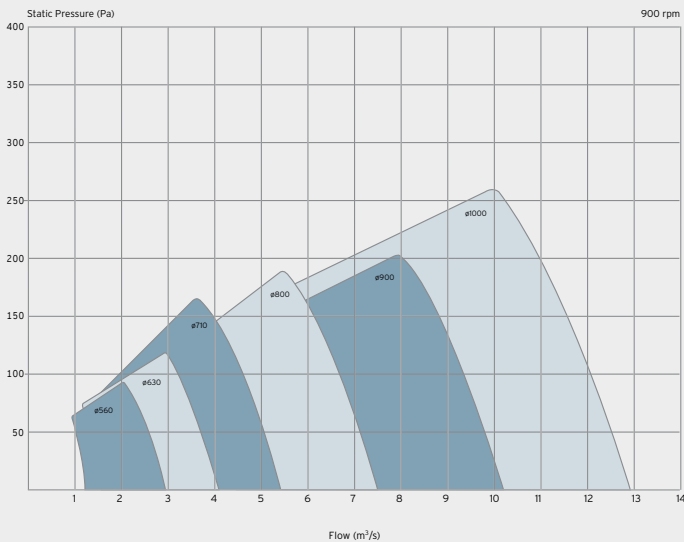
PAG Glass reinforced polyamide
 Temperature range: -40°C to +110°C

We reserve the right to change the materials of manufacture.
 The values for the mechanical properties are mean values and can be subject to variations due to the use of different suppliers.

| Pitch | 20° | 25° | 30° | 32,5° | 35° | 37,5° | 40° | 45° |
|-------------------|-----|-----|-----|-------|-----|-------|-----|-----|
| Leading edge v±4 | 18 | 22 | 26 | 28 | 29 | 31 | 33 | 36 |
| Trailing edge h±4 | 46 | 55 | 64 | 68 | 72 | 76 | 80 | 88 |

All dimensions are in mm

Selection guide



Selection guide

