

ENGLISH

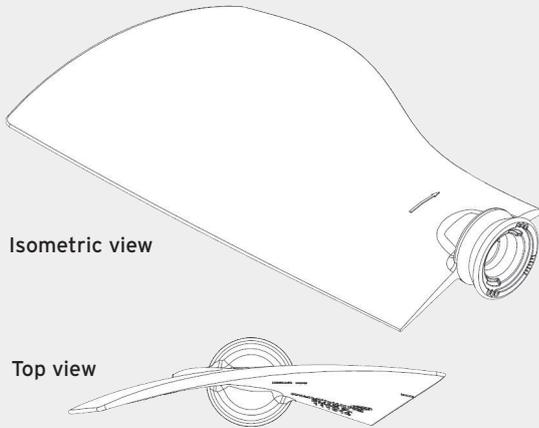
## **PMAX3 - HIGH PRESSURE PROFILE**

Multi-Wing's new axial fan - the PressureMAX3 - has exceptionally high pressure capabilities. The PMAX3 is one of the strongest profiles in the Multi-Wing product range. It is built specifically for rugged Tier 4 applications and is designed to cope with the tough requirements of the Tier 4 regulation. It has a very narrow axial depth and a minimum axial deflection which makes it a perfect fit for compact engine compartments. The PMAX3 is targeted at applications such as small-medium size tractors, rollers, compact wheel loaders and excavators and mobile compressors.

The hub parts are specifically designed to accommodate clutches to optimize fuel consumption.

The PMAX3 fits the Multi-Wing modular design giving 12 possible pitch angles to match different duty points. It has an available diameter range of 445 to 640 millimeters and is molded in glass-reinforced polyamide.

### PMAX3 profile



### Design Features

12 adjustable pitch settings from 20° to 47.5° with 2.5° increments.  
Available in diameters between 445 mm and 640 mm.  
9-bladed hub suitable for 3-, 6- and 9-bladed mounting 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 PAG to suit applications such as radiator packages and engine cooling specifically aimed at off-highway vehicles.

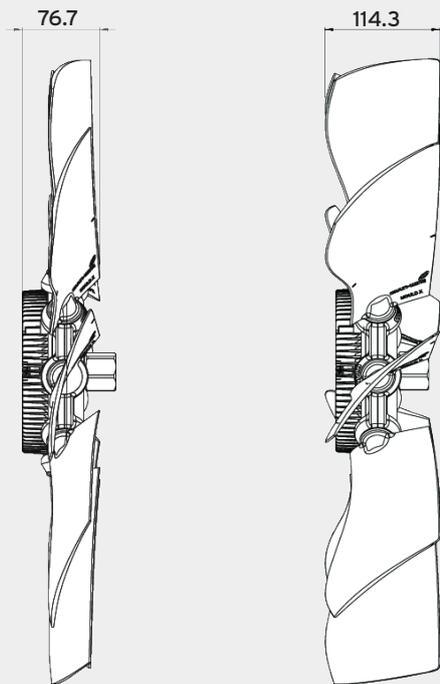
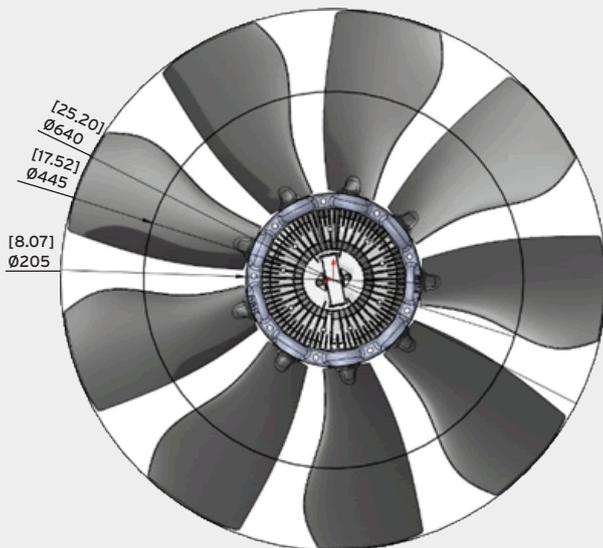
**PAG** Glass reinforced polyamide  
Temperature range: -40°C to +110°C

Please observe penalty factors for temperatures above 40°C

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

### PMAX3 and clutch

PMAX3 is designed specifically for medium-sized coolers where limited space is available in the compact engine compartments.  
The PMAX3 has a low axial depth even with a clutch mounting.  
To allow maximum embedding of the clutch the hub diameter has been adjusted to Ø205 mm.



Axial depth range 20° - 47.5°  
[Dimensions in mm]



Select your fan and clutch solution using our selection software Optimiser. It suggests the best fan-clutch match.