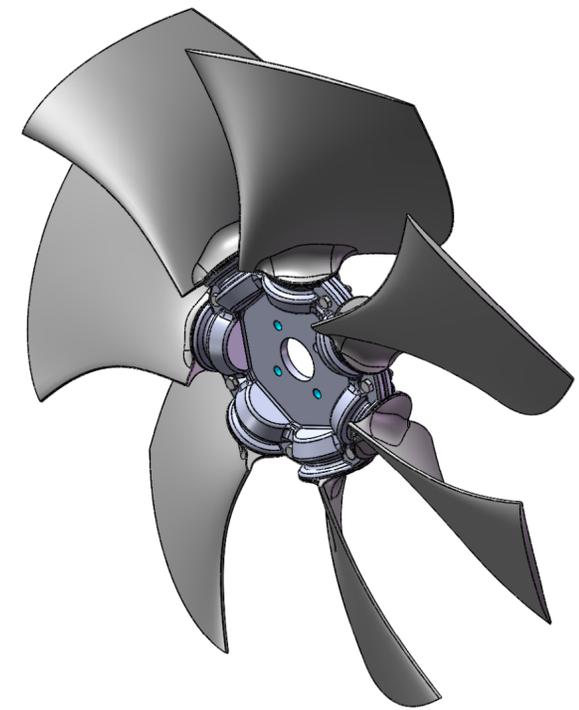
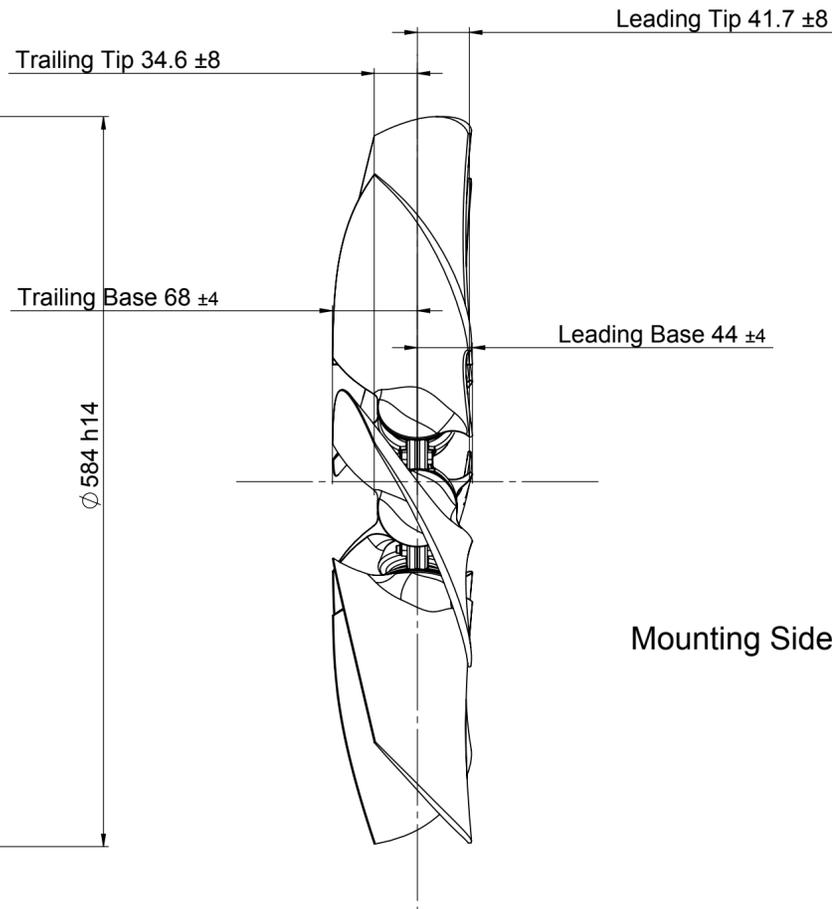
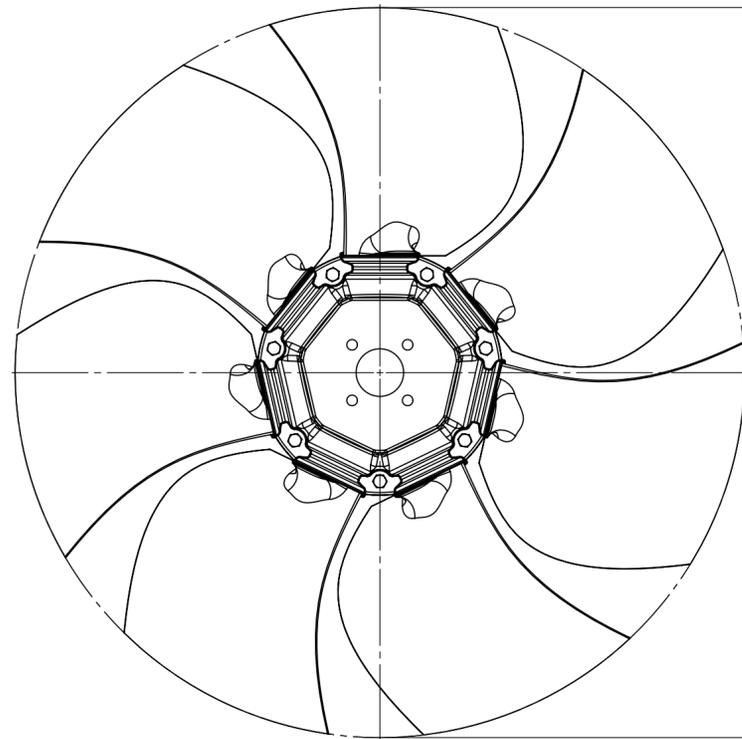
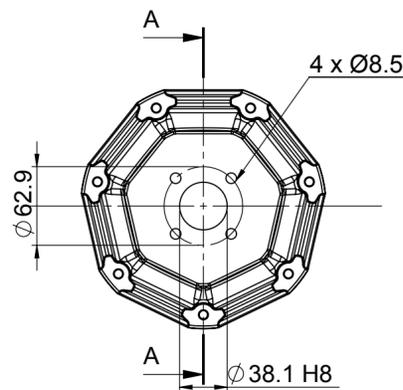


Direction of Rotation

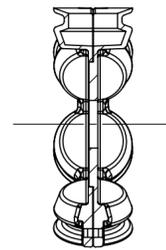
Direction of Air-flow



Mounting Side



Mounting Dimensions



SECTION A-A

\*Not indicated tolerances and balancing grade are applied unless otherwise specified in the customer request field

**Not indicated machine surface texture\***

General limits and fits according to DS/EN 20286-2  
 Ra 1.6  
 MWI limits and fits within 0,2 mm  
 Ra 1.6  
 Keyway surfaces:  
 Ra 2.5  
 Other surfaces:  
 Ra 3.2  
 Bolthole surfaces:  
 Ra 6.3

**Boss and hub aluminium material:**

EN AC-44100	Gravity die casting
EN AC-43000	Gravity die casting
EN AC-47100	High pressure die casting
EN AW-2011	Bar material

**Not indicated MWI geometrical product specification\***

**Hub plates:**

Datum A: Centerhole diameter location  
 Boltholes: Position Ø0,2 to datum A  
 Hub plate back surface: Flatness 0,3

**Bosses:**

Datum A: Mounting recess diameter location  
 Datum B: Mounting flange back surface location  
 Boltholes: Position Ø0,2 to datum A  
 Centerhole diameter: Coaxial Ø0,2 to datum A  
 Exterior boss diameter: Coaxial Ø0,2 to datum A  
 Mounting flange diameter: Coaxial Ø0,2 to datum A  
 Mounting flange back surface: Circular Run-out 0,2 to datum A  
 Mounting flange front surface: Parallel 0,2 to datum B  
 Boss front surface: Parallel 0,2 to datum B  
 Boss back surface: Parallel 0,2 to datum B

**Bolt guide:**

7 Bolts @ M6x30 DIN 933 BCD 174

**Impeller weight guide:**

3.05 kg

**Part number:**

12132400227  
 21070703006  
 21070702806  
 51000000002

**Part description:**

Z22R/PAG/GREY Fan blade  
 Z-Hub Plate/7/000015/100  
 Z-Retaining plate/7/100  
 Z-Pitch Setting Pin/PAGI

**Quantity:**

7  
 1  
 1  
 7

**Material:**

PAG/GREY  
 EN AC-47100  
 EN AC-47100  
 PAGI

**Not indicated plastic mould tolerance\***

ISO 2768-c

**Not indicated aluminium mould tolerance\***

DIN 1688 GTA 13/5

**Not indicated balancing according to\***

ISO 1940-1 G 6.3 @ 950Rpm

**Drawing no.:**

49017

**Multi-Wing International A/S**

Staktøften 16  
 DK-2950 Vedbaek  
 Denmark  
 Tlf: +45 45890133  
 Fax: +45 45893133  
 e-mail: info@multi-wing.com  
 www.multi-wing.com

**Not indicated machine taper angle tolerance\***

±0,025°

**Not indicated machine tolerance\***

±0,2 - 0,5°

**Not indicated edges\***

No sharp edges

**Customer request field**

**Impeller code:**

584/7-7/35/PAG/GREY/2Z2R/38.1/4x8.5/BC62.9/A

**Pitch angle** can be measured on the blade at - Pitch ref -  
 (if pitch ref is not present and for 2W/3W please contact local MW office)

**Date:** 29/08/16

**Scale:** 1:4

**Sheet Size:** A3

**Signature:** Christian Müller

**Projection method:**

