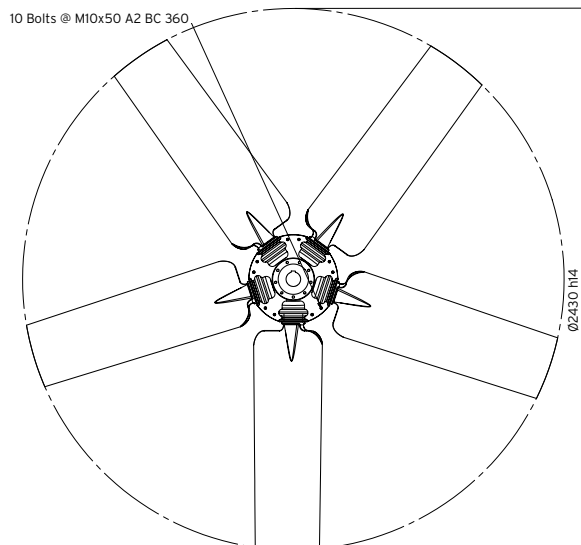


OUR G SERIES

ENGLISH

DATASHEET

The G series is the largest thermo plastic impeller in the world. It covers diameters from 1300mm to 2746mm. The impeller is specifically aimed at large-size cooling applications such as cooling towers and condensers but can also be used for industrial heat exchangers.



DESIGN FEATURES

- Fan blades with a twisted airfoil profile.
- Adjustable pitch with 1° increment ranging from 15° to 50°.
- Fan blades are available for clock-wise rotation.
- Available with casted hubs accommodating 5, 6 and 8 fan blades.
- A range of different mounting solutions are available from stock i.e. bosses with standard bore/keyway sizes and solutions incorporating taper-lock bushings.

MATERIALS

The hub parts are as standard manufactured in a gravity die cast silumin alloy (EN AC-AI Si12(a)). The fan blades are available in the following 2 materials to suit different applications.

PAGI Glass reinforced polyamide, industrial quality

Temperature range: -40°C to +110°C

Please observe penalty factors for temperatures above 40°C.

PAGAS Anti static glass reinforced polyamide

- For explosion proof working conditions

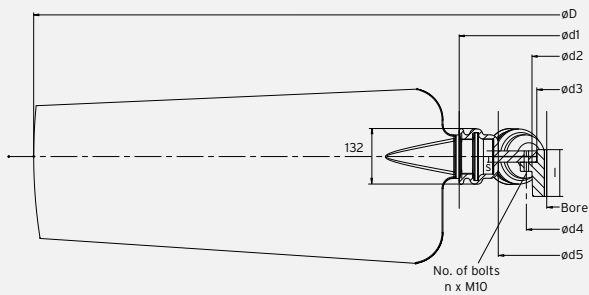
Temperature range: -40°C to +110°C

Please observe penalty factors for temperatures above 40°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.

ø D max. for blade type:	Pos. In hub	ø Bore	Hub							
			l	d2	d1	d3	d4	d5	s	n
10GR	No.									
2430	5	From 12,7 to 66,68 Using Taper lock	60	136	380	110	160	184	13	9
2430	5	38, 42, 48	112	130	380	110	160	184	13	9
2430	5	42, 48, 55	142	130	380	110	160	184	13	9
2430	5	65	142	130	380	110	160	184	13	9
2430	5	75	142	130	380	110	160	184	13	9
2430	5	80	172	130	380	110	160	184	13	9
2530	6	From 12,7 to 66,68 Using Taper lock	60	136	480	110	160	195	13	9
2530	6	38, 42, 48	112	130	480	110	160	195	13	9
2530	6	42, 48, 55	142	130	480	110	160	195	13	9
2530	6	65	142	130	480	110	160	195	13	9
2530	6	75	142	130	480	110	160	195	13	9
2530	6	80	172	130	480	110	160	195	13	9
2746	8	From 12,7 to 66,68 Using Taper lock	60	136	696	110	160	195	13	9
2746	8	38, 42, 48	112	130	696	110	160	195	13	9
2746	8	42, 48, 55	142	130	696	110	160	195	13	9
2746	8	65	142	130	696	110	160	195	13	9
2746	8	75	142	130	696	110	160	195	13	9
2746	8	80	172	130	696	110	160	195	13	9



All dimensions are in mm. Small variations in max. diameters may occur due to different materials and casting tools.

Above are dimensions for standard solutions. Other more customised solutions are also available. Visit multi-wing.com/gseries for more details.

