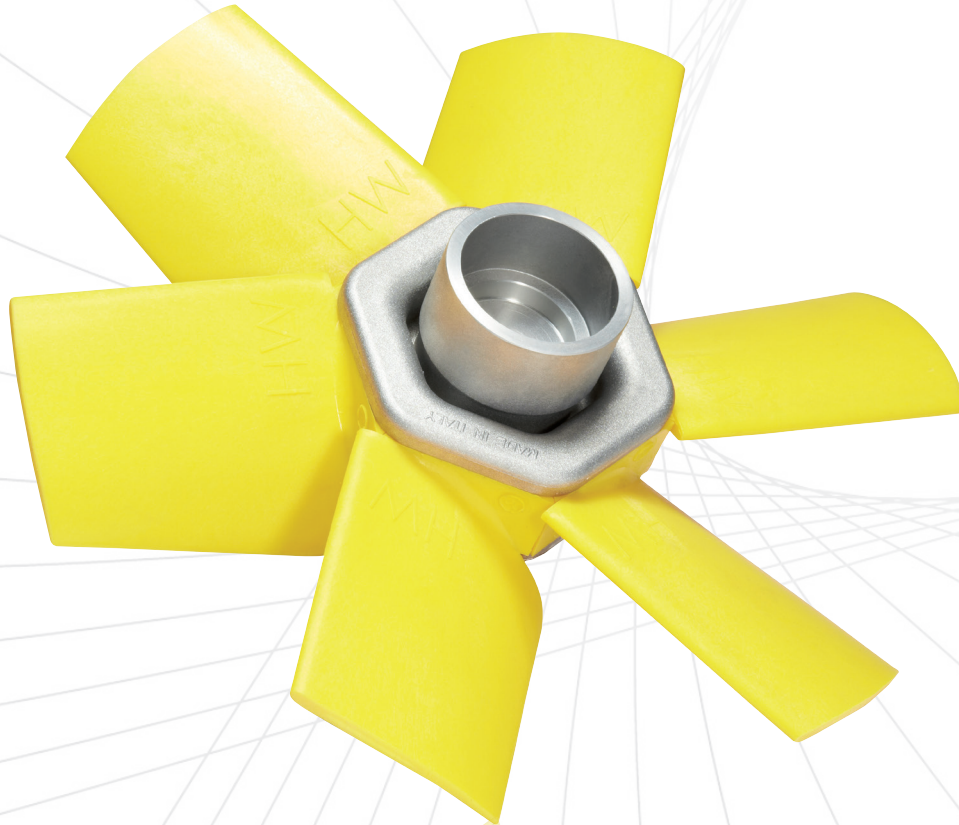




HW Ventilation



TS AXIAL IMPELLERS

Fixed pitch airfoil profile axial impellers, diameters from 230 mm to 906 mm

PRODUCT FEATURES

TS impellers are manufactured assembling airfoil profile blades with a light aluminum alloy hub. The impellers are thought to be employed in applications that require the highest rotation speeds. The impellers are available in configurations with 6/8/10/14/20 blades both for clockwise and anticlockwise rotation. TS blades are available in two models: G, and D, with right or left fixed setting angles ranging from 25° to 50°. TS impellers can produce a sucking or blowing air flow.

APPLICATIONS

- Compressors
- Ventilators
- Radiators
- Generators
- Lift trucks
- Agricultural sprayers
- Farms ventilation
- Earth moving machines
- Air conditioners
- Refrigeration units
- Cooling Towers

BLADE MATERIALS

TS blades are available in plastics, aluminum and ATEX materials to suit a variety of applications which require different temperatures and rotation speeds.

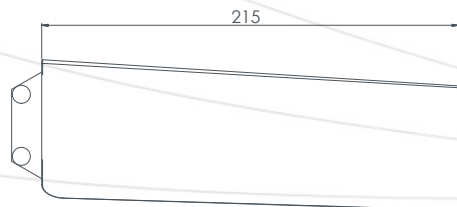
MATERIAL	DESCRIPTION	STD. COLOR*	OP. TEMPERATURE***
PP	Polypropylene	Yellow	-10°C to +80°C
PPG	Polypropylene Glass Reinforced (PP 30% glass)	Orange	-20°C to +85°C
PAG	Polyamide Glass Reinforced (PA6)	White	-40°C to +120°C
RYT	Ryton	Brown	-50°C to +200°C
PAA**	Antistatic Polyamide	Black	-40°C to +120°C
PAX**	Antistatic, Self extinguishing PA	Black	-40°C to +120°C
PAM**	Antistatic, Self extinguishing, Magnetically shielded PA	Black	-40°C to +120°C

*Custom colors available upon request **ATEX materials for hazardous environments ***Contact technical dpt. for customized advise

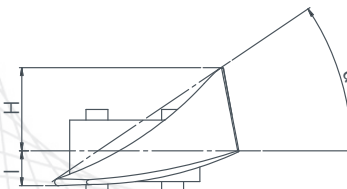
SPECIFICATIONS AND DIMENSIONS

TS impellers are configurable with 6/8/10/14/20 blades. Blades are available in two versions: G, and D with right or left fixed setting angles ranging from 25° to 50°.

Blade	Hub	Hub Ø [mm]	MIN Ø [mm]	MAX Ø [mm]	Configurations
G	6	96	230	526	6-6 , 6-3
	8	134	230	564	8-8 , 8-4
	10	172	300	602	10-10 , 10-5
	14	242	400	672	14-14 , 14-7



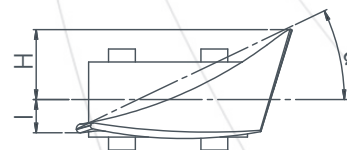
Dimensions by Angle						
α	25°	30°	35°	40°	45°	50°
H	27	32	37	41	45	48
I	12	13	15	16	18	19



Blade	Hub	Hub Ø [mm]	MIN Ø [mm]	MAX Ø [mm]	Configurations
D	6	96	230	654	6-6 , 6-3
	8	134	230	692	8-8 , 8-4
	10	172	300	730	10-10 10-5
	14	242	400	800	14-14 , 14-7
	20	348	600	906	20-20 , 20-10



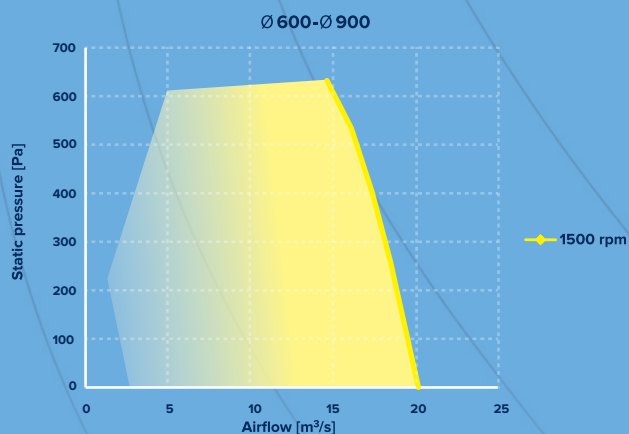
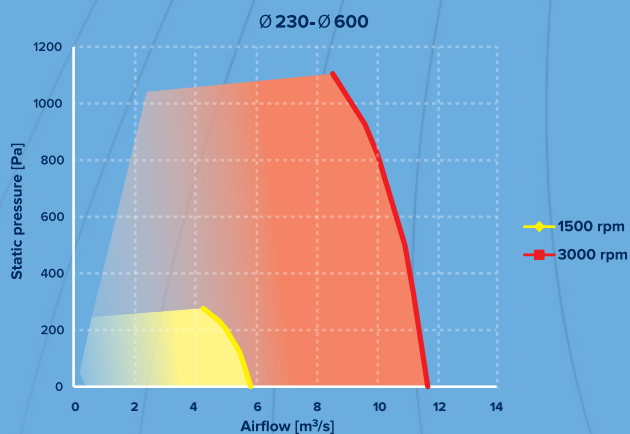
Dimensions by Angle						
α	25°	30°	35°	40°	45°	50°
H	27	31	35	38	40	42
I	13	15	18	20	22	23



ENERGY EFFICIENCY

Our fans have been tested in **AMCA 210/07** wind tunnel and comply with the requirements of EU Directive 2015 on Energy Efficiency for axial fans. For further info contact our technical department.

PERFORMANCE DIAGRAMS



HW Ventilation is distributed in India by:

CRYSTAL
Ventilations Pvt. Ltd.

S. No. 77/5, Vishnu Malati
Industrial Estate, Pune -
411023, Maharashtra, (INDIA)

Phone +91 20 2529 3440
Mob. 09822090274
Email crystalventilation@gmail.com