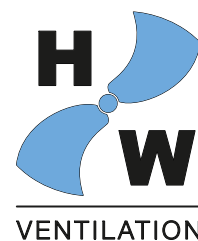


HASCONWING® SR



Silent right profile axial impellers up to Ø1100 mm

> Product features

HasconWing® SR impellers are manufactured assembling airfoil profile blades made of a variety of materials, with a light aluminum alloy hub. The impellers are thought to be employed in applications that require low noise emission levels. The impellers can be assembled with 3/5/6/8 blades, using HV family hubs for 5/9/12/16 blades. Blades can have setting angles ranging from 20° to 37,5° and produce a sucking or blowing air flow.



> Applications

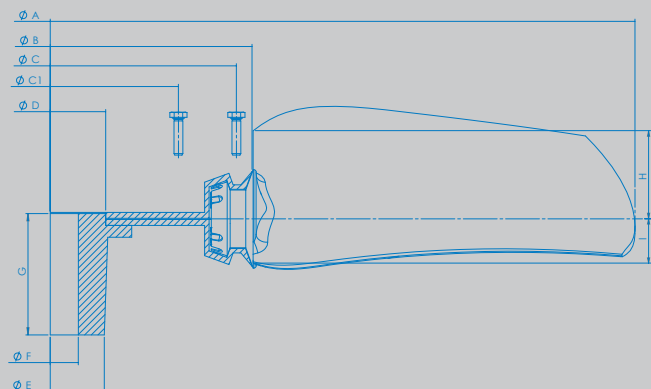
- ANIMAL FARMS
- SNOW CANNONS
- CARS AND INDUSTRIAL VEHICLES
- CONDITIONERS
- GENERATOR UNITS
- AXIAL VENTILATORS
- EARTH MOVING MACHINES
- RADIATORS
- REFRIGERATION AND FREEZING
- HEAT EXCHANGERS
- COOLING TOWERS
- AGRICULTURAL MACHINES AND TRACTORS

> Highlights

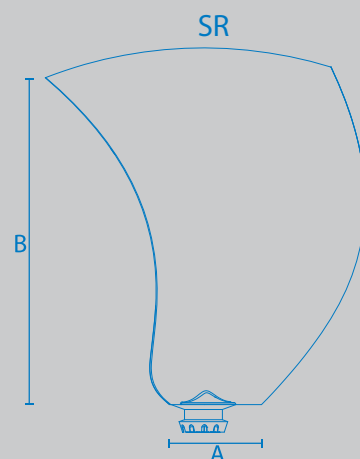
- **QUALIFYFAN** v.1.0 free fan selection software is available for download at www.hwventilation.it
- **ErP 2015** READY our fans are tested in **AMCA 210/07** wind tunnel and comply with EU Directive 2015
- **LOW NOISE** emission levels (data available upon request)

> Specifications

HasconWing® SR impellers are configurable with 3/5/6/8 sickle-right blades. Blades are available with setting angles ranging from 20° to 37,5°.



| | SR |
|-----------------|------|
| A= chords | 120 |
| B= length | 360 |
| Max ø impellers | 1095 |



| BLADE n° | BLADE Type | max ø A mm | ø B mm | ø C mm | n° holes ø C | ø C1*** mm | n° holes ø C1 | ø D mm | ø E mm | ø F mm | G mm |
|----------|------------|------------|--------|--------|--------------|------------|---------------|----------|--------------------|---------|----------------------|
| 3* | R | 925 | 202 | 184 | 9 Ø 6,5 | 110 | 9 Ø 6,5 | 75 - 95 | 45 - 51 73 - 95 | 14 ÷ 42 | 0-42-52 62-82-112 |
| 5 | R | 880 | 158 | 139 | 5 Ø 6,5 | - | - | 55 | 44-52 | 14 ÷ 34 | 42-62 |
| 6* | R | 1000 | 280 | 264 | 12 Ø 6,5 | 185 | 12 Ø 6,5 | 75 - 170 | 45 - 51 73 - 95 | 14 ÷ 42 | 0-42-52 62-82-112 |
| 8** | R | 1095 | 375 | 358 | 16 Ø 6,5 | 280 | 16 Ø 6,5 | 75 - 240 | 45 - 51 73 - 95 | 14 ÷ 55 | 0-42-52 62-82-112 |

* nr 5 Ø 6,5 holes on Ø 90 for interchangeable boss connections

** nr 5 Ø 6,5 holes on Ø 90 and nr 9 Ø 6,5 holes on Ø 110 for interchangeable boss connections

*** only for medium or total tightening

| Blade Type | | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° |
|------------|---|-----|-------|-----|-------|-----|-------|-----|-------|
| SR | I | 25 | 26 | 29 | 30 | 34 | 36 | 37 | 39 |
| | H | 52 | 54 | 55 | 58 | 60 | 64 | 65 | 67 |

Tolerance ± 4 mm

> Materials

HasconWing® SR blades are available in different materials to suit a variety of applications which require different temperatures and rotation speeds.

| MATERIAL | DESCRIPTION | STD. COLOR* | OP. TEMPERATURE** |
|----------|---|-------------|-------------------|
| PPG | Polypropylene Glass Reinforced (PP 30% glass) | Orange | -20°C to +85°C |
| PAG | Polyamide Glass Reinforced (PA6) | White | -40°C to +120°C |
| PAS | Polyamide Glass Reinforced (PA6) | Black | -40°C to +120°C |

*Custom colors available upon request **Contact technical dpt. for customized advise