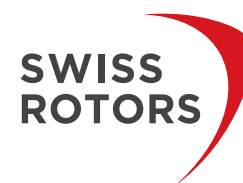


# PRODUCT SPECIFICATIONS TECHNICAL DATA

## FAN SET

EC centrifugal fan, backward curved



FANSET SR P/A-HE  
FOR IMPELERS 190-315

### I. Product specification

#### 1. Overview

- Fully assembled fans modules perfectly suited for energy efficient projects,
- DLL with fan system selection in any mode,
- Possibility of application CAV/VAV (constant air volume/ variable air volume),
- Air performance measured as per ISO 5801 Installation category A, LwA measured as per ISO 13347,

#### 2. Design

- Frame material: hot-dip galvanized steel(DX51D+Z275),
- Motor support : painted low carbon steel,
- Electronics housing: Die-cast aluminum,
- Impeller with two ressure tap,

#### 3. Impeller

- Impeller with 7 backward-curved blades in frame sizes 190 to 315 mm,
- Made of high-performance composite material (P) or aluminum (A),
- Balanced acc. with ISO 1940-1 and ANSI S2.19 – 1989,

#### 4. Nominal data / technical features

• Direction of rotation	• Clokwise
• Type of protection	• IP 54
• Insulation class	• F
• Motor bearing	• Ball bearing
• Motor protection	• Thermal overload protector
• Speed control	• "0~10VDC, Modbus RTU"
• Operating temperature	• -25°C to 50°C (40 °C for 1.5kW motor)
• Installation position	• Horizontal or vertical

SWISS ROTORS	Rated speed	Rated voltage	Frequency	Rated output power	Maximum current
Fan type	rpm	[V]	[Hz]	[W]	[A]
SR-190-0.1	4490	1~ 230V AC	50/60	128	1,9A
SR-P-HE-225-0.3	3600	1~ 230V AC	50/60	349	3,0A
SR-A-HE-225-0.3	3600	1~ 230V AC	50/60	349	3,0A
SR-P-HE-250-0.3	3000	1~ 230V AC	50/60	349	3,5A
SR-A-HE-250-0.3	3000	1~ 230V AC	50/60	349	3,5A
SR-P-HE-315-0.3	2060	1~ 230V AC	50/60	374	3,5A
SR-A-HE-315-0.3	2060	1~ 230V AC	50/60	374	3,5A
SR-P-HE-225-0.7	4500	1~ 230V AC	50/60	735	5,4A
SR-A-HE-225-0.7	4500	1~ 230V AC	50/60	735	5,4A
SR-P-HE-250-0.7	3800	1~ 230V AC	50/60	700	5,1A
SR-A-HE-250-0.7	3800	1~ 230V AC	50/60	700	5,1A
SR-P-HE-315-0.7	2400	1~ 230V AC	50/60	715	3,8A
SR-A-HE-315-0.7	2400	1~ 230V AC	50/60	715	3,8A
SR-P-HE-315-1.5	3250	3~ 400V AC	50/60	1500	5,3A
SR-A-HE-315-1.5	3250	3~ 400V AC	50/60	1500	5,3A

\*data and dimensions may be changed please contact for the individual drawing and data

\*max current depends on the type of meter used to measure RMS or TRMS current, there may be a difference in the current indication.

# PRODUCT SPECIFICATIONS TECHNICAL DATA

## FAN SET

EC centrifugal fan, backward curved

SWISS  
ROTORS

### II. Casing general dimensions\*

Fan Set Model	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
SR-190-0.1	120	96,5	190	2	220	180
SR-P-HE-225-0.3	224	199,1	254	15	315	228
SR-A-HE-225-0.3	221,7	199,1	254	15	315	228
SR-P-HE-250-0.3	235,7	210,8	285	15	375	258
SR-A-HE-250-0.3	232,4	210,8	285	15	375	258
SR-P-HE-315-0.3	271,2	246,3	358	15	450	328
SR-A-HE-315-0.3	267,8	246,3	358	15	450	328
SR-P-HE-225-0.7	250,3	209,5	254	15	315	228
SR-A-HE-225-0.7	248,1	209,5	254	15	315	228
SR-P-HE-250-0.7	262	221,2	285	15	375	258
SR-A-HE-250-0.7	258,7	221,2	285	15	375	258
SR-P-HE-315-0.7	301,8	261	358	15	450	328
SR-A-HE-315-0.7	298,4	261	358	15	450	328
SR-P-HE-315-1.5	327,5	282	358	15	450	328
SR-A-HE-315-1.5	324,1	282	358	15	450	328

\*data and dimensions may be changed depends on the construction, motor selection, etc. please contact for the individual drawing and data

