

## Screw compressor SP18.5CDF-3000-8



**Product code:**

SP18.5CDF-3000-8

### Product description

Advantages of the device:

- reliable screw airends by global manufacturers (GHH RAND) designed for continuous operation,
- asymmetric design rotor's profiles to generate maximum power and performance at minimum energy cost,
- low-noise operation (67 dB),
- belt drive enabling easy modification of performance and maximum pressure by changing the pulley ratios,
- simplified access to maintain the airend,
- extensive function controller,
- an option of remote control of compressor,
- energy-saving operation mode (start of electric motor using start-delta circuit diagram; operation under load; temporary shut-off when no compressed air is available; exclusion of idle phases; energy consumption adapted to actual compressed air demand),
- electrically adjustable parameters (temperature of the air-oil mixture; compressed air pressure; "Emergency stop" button and device parameter control button),
- failure protection by means of emergency stop of the compressor, preceded by warning messages,
- automatic maintenance information messages; multi-level control system to eliminate unauthorized access to manipulate compressor parameters; control of non-volatile memory of the operating system and operating time in different operating systems, list of emergency shutdowns and maintenance work performed,
- an option to modify rotation speed of electric motor due to integrated Danfoss and ABB frequency converters - rotation control at compressor output from 30% to 100% of rated rotation,
- soft start/stop function,
- built-in refrigeration air dryer with a set of pre-filters to ensure excellent quality of the working medium.

### Technical parameters

<b>Input</b>	~3x 400V ± 10% 50 / 60 Hz
<b>Max. Pressure [bar]</b>	8
<b>Capacity [l/min]</b>	3000
<b>Power [kW]</b>	18.5
<b>Noise level [dB(A)]</b>	67
<b>Additional equipment</b>	air dryer, inverter
<b>Freestanding</b>	Yes
<b>Weight [kg]</b>	785
<b>Dimensions [mm]</b>	1235 x 1130 x 1500

PRODUCT CATEGORIES: [PNEUMATICS](#)

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