

Screw compressor SP18.5CDF-2100-15



Product code:

SP18.5CDF-2100-15

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

Input	~3× 400V ± 10% 50 / 60 Hz
Max. Pressure [bar]	15
Capacity [l/min]	2100
Power [kW]	18.5
Noise level [dB(A)]	67
Additional equipment	air dryer, inverter
Freestanding	Yes
Weight [kg]	785
Dimensions [mm]	1235 x 1130 x 1500

PRODUCT CATEGORIES: [PNEUMATICS](#)

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Reference numbers and names belonged to above companies were called due to Property Right Law for buyer's convenience and they are related to code and spare part's description.

The products do not constitute an offer within the meaning of the Civil Code.