FREESTANDING SCREW COMPRESSOR
with belt drive, with integrated dryer and inverter,
in a sound-absorbing housing

TECHNICAL PARAMETERS

MODEL	PRESSURE [bar]	CAPACITY [l/min]	POWER [kW]	LOUDNESS [dB]	WEIGHT [kg]	DIMENSIONS [mm]
SP 18.5 CDF	8	3 000	18.5	67	785	1235x1130x1500
	10	2 700				
	15	2 100				
SP 22 CDF	8	3 500	22	69	525	1235x1130x1500
	10	3 200				
	15	2 500				
SP 30 CDF	8	5 200	30	75	800	1235x1130x1500
	10	4 800				
	13	4 000				
	15	3 600				

SPARTUS® Pneumatics screw compressors are built using the best components provided by global industry leaders.

DESCRIPTION

Advantages of the device:
- low-noise operation (67-75 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

-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