FREESTANDING SCREW COMPRESSOR

with belt drive and inverter,
in a sound-absorbing housing

TECHNICAL PARAMETERS

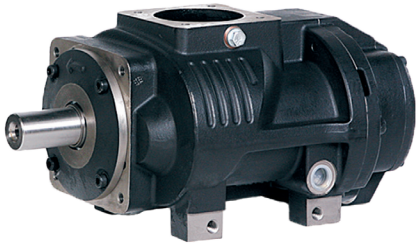
MODEL	PRESSURE [bar]	CAPACITY [l/min]	POWER [kW]	LOUDNESS [dB]	WEIGHT [kg]	DIMENSIONS [mm]
SP 11 CF	8	1 650	11	65	345	1125x810x1180
	10	1 400				
	15	1 100				
SP 15 CF	8	2 150	15	66	350	1125x810x1180
	10	1 900				
	15	1 400				
SP 15 CF	8	2 500	15	66	395	1125x810x1180
	10	2 200				
	15	1 650				
SP 18.5 CF	8	3 000	18,5	67	490	1210x850x1300
	10	2 700				
	15	2 100				
SP 22 CF	8	3 500	22	69	525	1210x850x1300
	10	3 200				
	15	2 500				
SP 30 CF	8	5 200	30	75	740	1235x1260x1500
	10	4 800				
	13	4 000				
	15	3 600				
SP 37 CF	8	6 000	37	75	775	1235x1260x1500
	10	5 200				
	13	4 500				
	15	4 200				
SP 45 CF	8	7 200	45	72	1240	1665x1430x1810
	10	6 500				
	13	5 600				
	15	5 100				
SP 55 CF	8	8 500	55	76	1290	1665x1430x1810
	10	7 700				
	13	6 700				
	15	6 000				
SP 75 CF	8	12 800	75	77	1690	1945x1460x1840
	10	11 100				
	13	10 000				
	15	9 000				
SP 90 CF	8	15 200	90	78	1920	1945x1460x1840
	10	13 300				
	13	11 200				
	15	10 500				

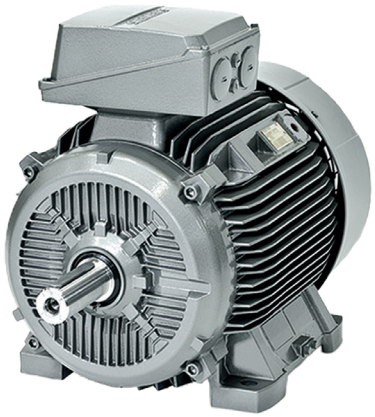
SPARTUS® Pneumatics screw compressors are built using the best components provided by global industry leaders.

DESCRIPTION

Advantages of the device:
- low-noise operation (65-78 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

-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