



## TECHNICAL PARAMETERS

| MODEL     | PRESSURE [bar] | CAPACITY [l/min] | POWER [kW] | LOUDNESS [dB] | WEIGHT [kg] | DIMENSIONS [mm] |
|-----------|----------------|------------------|------------|---------------|-------------|-----------------|
| SP 30 KFD | 8              | 5 800            | 30         | 71            | 1 280       | 2150x1360x1825  |
| SP 37 KFD | 7,5            | 7 100            | 37         | 72            | 1 380       | 2150x1360x1825  |
| SP 45 KFD | 7,5            | 8 600            | 45         | 74            | 1 790       | 3015x1590x1825  |
|           | 8              | 7 500            |            | 75            |             |                 |
| SP 55 KFD | 7,5            | 10 100           | 55         | 75            | 1 960       | 3015x1590x1825  |
|           | 8              | 9 500            |            | 77            | 1 900       |                 |
| SP 75 KFD | 7,5            | 14 000           | 75         | 77            | 2 440       | 3015x1590x1825  |
|           | 8              | 13 200           |            |               |             |                 |
| SP 90 KFD | 8              | 16 000           | 90         | 77            | 2 570       | 3015x1590x1825  |

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

## DESCRIPTION

Advantages of the device:

- low-noise operation (71-77 dB)
  - direct drive eliminates losses of transmitted power
  - simplified drive design
  - low vibration level
  - no need to replace driving belts
  - microprocessor controller with idle run function
  - built-in refrigeration air dryer with a set of pre-filters to ensure excellent quality of the working medium
  - 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
  - operation in energy-saving mode (exclusion of idle running phases; energy consumption adapted to actual compressed air demand)
- 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