

OIL-FREE SCROLL COMPRESSORS

SCROLL 4 - 15 kW

oil-free

SCROLL

High efficient and oil-free

The new SCROLL series combines creative ingenuity with advanced engineering to provide a top quality, oil-free compressed air solution.

SCROLL series is 100% oil-free and is equipped with a high efficient IE 3 Motor and operates with 56 db(A) (SCROLL 04) at low noise level and low vibration. Due to its compact design the SCROLL series is ideal for limited spaces or to be placed directly at the workplace.

The product range includes delivery volumes of 0,41 – 1,64 m³/min at max. operating pressures of 8 bar.

The compressors are fitted with a low-maintenance V-belt drive, which transfers the 4 – 15 kW of power with virtually no losses.

Airend

The distance between fix and orbit scrolls has been precisely designed and produced to maximize air delivery.

Inlet valve

Through the inlet valve the intake air is carried into the compressor block. The optimized air flow minimizes the pressure drop and noise level.

Radiator

The ribbed radiator is designed for a high efficient heat exchange and a low pressure drop. The air flows top down through the radiator to avoid a backflow of condensate.

Application

100%-oil-free compressed for industry (food, pharmaceutical industry, etc.)

Rated motor output

3,7 – 15 kW

Vol. flow rate according to ISO 1217 (Annex C-1996)

0,41 – 1,64 m³/min

Operating pressure

8 bar

Cooling

Air cooled

Drive

V-Belt

Motor

Energy efficiency class IE 3;

Protection level IP 55;

Insulation class F



Picture similar

- + 100 % oil-free compressed air according to DIN ISO 8573-1 Class 0
- + Low noise level
- + Compact construction
- + Maintenance-friendly design



Control

Symbol display with most important operating states e. g. temperature of the compressor, dew point and operating pressure

- Automatic restart programmable
- Local operation – remote On/Off
- Error memory

50 Hz

S C R O L L	Vol. flow rate according to ISO 1217 (annex C-1996)	Rated motor output	Noise level according to EN ISO 2151	Length	Width	Height	Weight
	8 bar						
Model	m ³ /min	kW	dB(A)	mm	mm	mm	kg
04	0,41	3,7	56	640	600	895	170
08	0,82	7,5	59	1020	750	1645	440
11	1,23	11	60	1600	750	1830	650
15	1,64	15	61	1600	750	1830	720

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