

# The BOGE SG Range

## Happy to work non-stop.



Extremely low maintenance  
and a long life thanks to new  
geared airend!



### READY FOR ANYTHING

No matter where, no matter for how long: the new SG screw compressors made by BOGE make no demands regarding operating conditions or duty cycles. The integrated gears guarantee practically wear-free operation, even in continuous operation and in particularly dusty environments.



### TO SATISFY THE HIGHEST DEMANDS

Since SG screw compressors manage without a belt drive, there is no need for V-belt maintenance. This is not only good for the budget, but also minimises downtime. With regard to economic efficiency, durability and operational reliability, the SG range meets even the highest demands.



### FOR QUICK CONTROL

The SG range utilises the new modular **focus control 2.0\*** system: this is the most advanced control system within the industry. Its intuitive user interface makes life particularly easy for users. And in addition to an efficiency display and the BOGE leakage monitor, it now offers RFID access for the first time.



### FOR MORE EFFICIENCY

Long maintenance intervals are not the only design benefit of the SG series: The low-loss integrated gears allow the compressor to work at the optimum design point at all times. This means that the compressor can always adapt perfectly to the currently required pressure and air delivery.

\* optionally. Delivered as standard with FOCUS control.

**Undemanding in operation:** The combination of direct drive and integrated gears makes the BOGE SG range of screw compressors fit for every type of application. The wear-free, low-maintenance power transmission makes particularly long maintenance intervals possible! Reliability and economic efficiency form an ideal (long-term) combination.

**BOGE KOMPRESSOREN**

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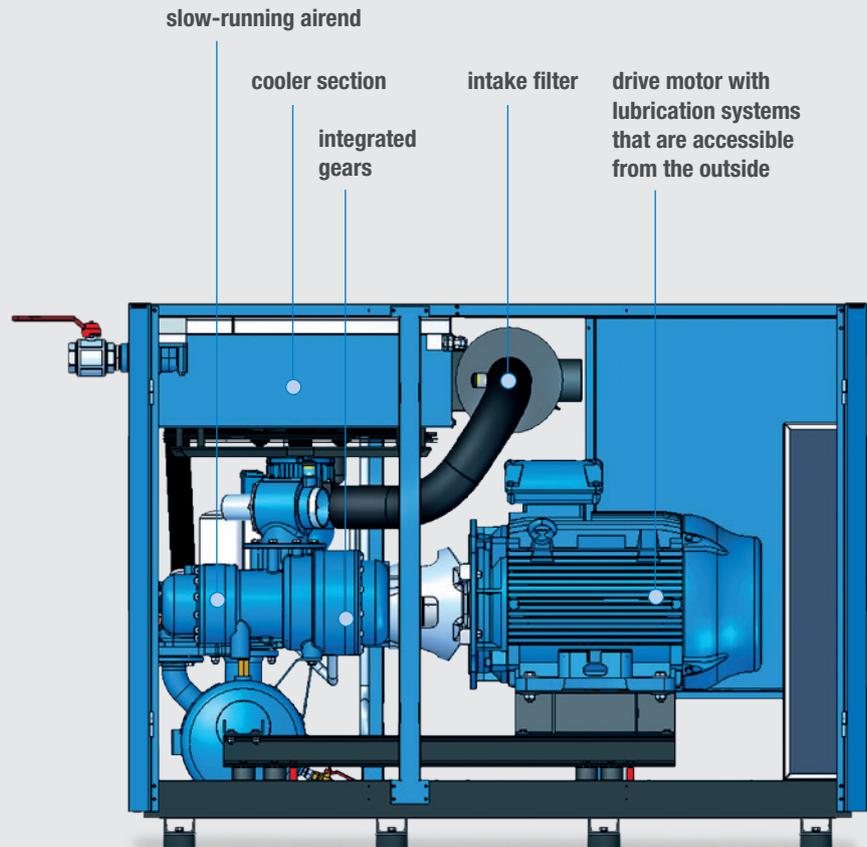
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**HOW IT WORKS**

Atmospheric air is taken in through the supply air filtration system of the compressor housing and the suction filter and routed to a particularly slowly rotating compressor stage, which always operates at the optimum design point – ensuring particularly efficient compressed air generation without transmission losses.



**THE BOGE SG SERIES AT A GLANCE**

BOGE Type	Maximum pressure**		Efficiency Free air delivery*		Main drive		Fan motor		Dimensions W x D x H mm	Weight kg
	bar	psi	m³/min	cfm	kW	hp	kW	hp		
SG 101-3	7,5	109	12.86	454.1	75	100	2,2	3,0	2400 x 1370 x 1760	2200
SG 101-3	10	145	11.98	423.1	75	100	2,2	3,0	2400 x 1370 x 1760	2200
SG 101-3	13	189	10.08	356.0	75	100	2,2	3,0	2400 x 1370 x 1760	2200
SG 125-3	7,5	109	15.32	541.0	90	125	4,0	5,0	2400 x 1370 x 1760	2300
SG 125-3	10	145	13.16	464.7	90	125	4,0	5,0	2400 x 1370 x 1760	2300
SG 125-3	13	189	11.62	410.4	90	125	4,0	5,0	2400 x 1370 x 1760	2300
SG 150-3	7,5	109	17.44	651.9	110	150	4,0	5,0	2400 x 1370 x 1760	2600
SG 150-3	10	145	15.77	556.9	110	150	4,0	5,0	2400 x 1370 x 1760	2600
SG 150-3	13	189	13.86	489.5	110	150	4,0	5,0	2400 x 1370 x 1760	2600

\* Free air delivery of the overall system according to ISO 1217, Annex C, at an ambient temperature of 20°C and the respective pressure.

\*\* Maximum pressure of the compressor