

BOGE AIR. THE AIR TO WORK.



SCREW COMPRESSORS

C SERIES

Over 100,000 compressed air users expect more when it comes to their compressed air supply. **BOGE air provides them with the air to work.**

Screw compressors custom made by BOGE have for decades been synonymous with efficient and reliable compressed air supply to trade workshops through to industrial companies.

The BOGE C series is a trendsetter in its class: less noise, less pipework, less connections in contrast to more output, more individual configuration possibilities and more efficiency and requiring a minimum of space only. We have listened closely to the wishes of our customers – with the C series we provide the air to work.

Screw compressor **C 9 LF** / Compressor system **C 9 LFR** / Compressed air centre **C 9 LFDR** / with frequency control



Effective free air delivery:

0.24 – 1.31 m³/min, 8 – 43 cfm

Pressure range: 7.5 – 13 bar, 110 – 190 psig

Motor range: 7.5 kW, 10 HP



C 9 LF (super-silenced as option)



C 9 LFR (super-silenced as option)



C 9 LFDR



FREQUENCY CONTROL

The frequency converter flexibly controls the motor speed and therefore the airend. This ensures the compressor output automatically adjusts to the momentary demand.



REFRIGERANT DRYER

The directly coupled, frequency controlled C series is equipped with a refrigerant dryer. This enables users to generate dry air without any additional space requirements.



MAXIMUM EFFICIENCY

The airend operates at the necessary speed to generate as much compressed air as is required. Expensive idling as well as load/no load cycles are thus eliminated. At the same time, a tighter pressure band can be maintained, also helping to save energy.



CONTROL

The compressor is controlled via the BOGE **base** control with LC display and pressure sensor technology. **focus** control 2.0 is available as an optional extra, offering further monitoring and control possibilities.



The ideal operating mode: In conjunction with the frequency controlled drive the directly coupled screw compressors of this series provide an extremely flexible system which spontaneously adapts to any changes in the customer's compressed air or pressure demands. In the event of a change of the pressure value, the output quantity is synchronised automatically. A 13 bar machine is thus transformed into an 8 bar machine yielding a correspondingly higher output – without any expensive remodelling or design related modifications.

BOGE Model	Max. pressure**		Receiver volume	Effective free air delivery*		Motor power		Dimensions silenced	Dimensions super-silenced	Compressed air outlet	Weight silenced	Weight super-silenced
	bar	psig		m³/min	cfm	kW	HP	W x D x H mm	W x D x H mm		kg	kg
C 9 LF	7.5	110	–	0.27-1.29	9.5-45.6	7.5	10.0	1020 x 677 x 723	1020 x 677 x 796	G 1/2	200	208
C 9 LF	8	115	–	0.26-1.26	9.2-44.4	7.5	10.0	1020 x 677 x 723	1020 x 677 x 796	G 1/2	200	208
C 9 LF	10	150	–	0.25-1.14	8.8-40.3	7.5	10.0	1020 x 677 x 723	1020 x 677 x 796	G 1/2	200	208
C 9 LF	13	190	–	0.24-0.97	8.5-34.3	7.5	10.0	1020 x 677 x 723	1020 x 677 x 796	G 1/2	200	208
C 9 LFR	7.5	110	270	0.27-1.29	9.5-45.6	7.5	10.0	1720 x 790 x 1365	1720 x 790 x 1440	G 1/2	315	323
C 9 LFR	8	115	270	0.26-1.26	9.2-44.4	7.5	10.0	1720 x 790 x 1365	1720 x 790 x 1440	G 1/2	315	323
C 9 LFR	10	150	270	0.25-1.14	8.8-40.3	7.5	10.0	1720 x 790 x 1365	1720 x 790 x 1440	G 1/2	315	323
C 9 LFR	13	190	350	0.24-0.97	8.5-34.3	7.5	10.0	1750 x 815 x 1415	1750 x 815 x 1490	G 1/2	323	331
C 9 LFDR	7.5	110	270	0.27-1.29	9.5-45.6	7.5	10.0	1720 x 745 x 1320	1720 x 745 x 1400	G 1/2	362	370
C 9 LFDR	8	115	270	0.26-1.26	9.2-44.4	7.5	10.0	1720 x 745 x 1320	1720 x 745 x 1400	G 1/2	362	370
C 9 LFDR	10	150	270	0.25-1.14	8.8-40.3	7.5	10.0	1720 x 745 x 1320	1720 x 745 x 1400	G 1/2	362	370
C 9 LFDR	13	190	350	0.24-0.97	8.5-34.3	7.5	10.0	1750 x 770 x 1370	1750 x 770 x 1445	G 1/2	387	390

* Free air delivery figures in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and maximum pressure. Emitted sound pressure levels from 72 dB(A) according to DIN EN ISO 2151:2009

** Max. pressure of the compressor. The 7.5 bar indications are to be provided as reference values. The machines are shipped standard in 8 bar.

Ask for further receiver dimensions.

Screw compressor **C 15 F** to **C 30 F** Compressed air station **C 15 FD** to **C 30 FD** with frequency control



Effective free air delivery:

0.27 – 3.73 m³/min, 10 – 131 cfm

Pressure range: 7.5 to 13 bar, 110 to 190 psig

Motor range: 11 – 22 kW, 15 – 30 HP



MAXIMUM EFFICIENCY

The BOGE C series up to 22 kW is characterised by its industry leading specific power ratios – for efficient compressed air supply.



FREQUENCY CONTROL

The optional frequency converter ensures a continuous volume flow between 25 and 100 percent. This allows adaptation to the momentary demand of the compressed air system. Soft starting also avoids undue wear and tear and prolongs the service life of the compressor.



REFRIGERANT DRYER

The C series with frequency control includes an integrated refrigerant dryer for extremely high compressed air quality.



CONTROL

The compressor is controlled by the **focus** control 2.0 system* which includes an integrated efficiency display as well as additional monitoring and control options. **focus** control 2.0 is programmed as a changeover switch and can control up to four machines.

* This control is available as an option. The machines are delivered standard with focus control.



This is as efficient as it gets: With these frequency controlled belt driven compressors you can rest assure that lower compressed air demand translates into reduced energy consumption with the frequency inverter continuously adjusting the volume flow to the actual demand. This leads to minimised idling times and pressure fluctuations. Soft starting also avoids undue wear and tear and prolongs the service life of the compressor.

BOGE Model	Max. pressure**		Effective free air delivery*		Motor power		Dimensions super-silenced W x D x H mm	Compressed air outlet	Weight super-silenced kg
	bar	psig	m³/min	cfm	kW	HP			
C 15 F	7.5	110	0.40-1.76	14.1-62.15	11.0	15.0	722 x 1080 x 1740	G 1	436
C 15 F	8	115	0.39-1.74	13.8-61.4	11.0	15.0	722 x 1080 x 1740	G 1	436
C 15 F	10	150	0.36-1.53	12.7-54.0	11.0	15.0	722 x 1080 x 1740	G 1	436
C 15 F	13	190	0.27-1.33	9.5-47.0	11.0	15.0	722 x 1080 x 1740	G 1	436
C 20 F	7.5	110	0.51-2.01	18.0-92.5	15.0	20.0	722 x 1080 x 1740	G 1	519
C 20 F	8	115	0.49-2.55	17.3-90.1	15.0	20.0	722 x 1080 x 1740	G 1	519
C 20 F	10	150	0.45-2.25	15.9-79.5	15.0	20.0	722 x 1080 x 1740	G 1	519
C 20 F	13	190	0.54-1.89	19.1-66.7	15.0	20.0	722 x 1080 x 1740	G 1	519
C 25 F	7.5	110	0.67-3.19	23.7-112.6	18.5	25.0	722 x 1080 x 1740	G 1	583
C 25 F	8	115	0.65-3.10	22.9-109.5	18.5	25.0	722 x 1080 x 1740	G 1	583
C 25 F	10	150	0.61-2.71	21.5-95.7	18.5	25.0	722 x 1080 x 1740	G 1	583
C 25 F	13	190	0.45-2.32	15.7-81.9	18.5	25.0	722 x 1080 x 1740	G 1	583
C 30 F	7.5	110	0.82-3.73	28.9-131.3	22.0	30.0	722 x 1080 x 1740	G 1	583
C 30 F	8	115	0.80-3.62	28.5-127.8	22.0	30.0	722 x 1080 x 1740	G 1	583
C 30 F	10	150	0.69-3.21	24.3-113.4	22.0	30.0	722 x 1080 x 1740	G 1	583
C 30 F	13	190	0.55-2.74	19.4-96.8	22.0	30.0	722 x 1080 x 1740	G 1	583
C 15 FD	7.5	110	0.40-1.76	14.1-62.2	11.0	15.0	1072 x 1080 x 1740	G 1	536
C 15 FD	8	115	0.39-1.74	13.8-61.4	11.0	15.0	1072 x 1080 x 1740	G 1	536
C 15 FD	10	150	0.36-1.53	12.7-54.0	11.0	15.0	1072 x 1080 x 1740	G 1	536
C 15 FD	13	190	0.27-1.33	9.5-47.0	11.0	15.0	1072 x 1080 x 1740	G 1	536
C 20 FD	7.5	110	0.51-2.01	18.0-92.5	15.0	20.0	1072 x 1080 x 1740	G 1	619
C 20 FD	8	115	0.49-2.55	17.3-90.1	15.0	20.0	1072 x 1080 x 1740	G 1	619
C 20 FD	10	150	0.45-2.25	15.9-79.5	15.0	20.0	1072 x 1080 x 1740	G 1	619
C 20 FD	13	190	0.54-1.89	19.1-66.7	15.0	20.0	1072 x 1080 x 1740	G 1	619
C 25 FD	7.5	110	0.67-3.19	23.7-112.6	18.5	25.0	1072 x 1080 x 1740	G 1	683
C 25 FD	8	115	0.65-3.10	22.9-109.5	18.5	25.0	1072 x 1080 x 1740	G 1	683
C 25 FD	10	150	0.61-2.71	21.5-95.7	18.5	25.0	1072 x 1080 x 1740	G 1	683
C 25 FD	13	190	0.45-2.32	15.7-81.9	18.5	25.0	1072 x 1080 x 1740	G 1	683
C 30 FD	7.5	110	0.82-3.73	28.9-131.3	22.0	30.0	1072 x 1080 x 1740	G 1	681
C 30 FD	8	115	0.80-3.62	28.5-127.8	22.0	30.0	1072 x 1080 x 1740	G 1	681
C 30 FD	10	150	0.69-3.21	24.3-113.4	22.0	30.0	1072 x 1080 x 1740	G 1	681
C 30 FD	13	190	0.55-2.74	19.4-96.8	22.0	30.0	1072 x 1080 x 1740	G 1	681

* Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and maximum pressure. Emitted sound pressure values from 63 dB(A) according to DIN EN ISO 2151:2009

** Max. pressure of the compressor. The 7.5 bar indications are to be provided as reference values. The machines are shipped standard in 8 bar.

READY FOR ACTION WORLDWIDE:

BOGE Service Support – Worldwide

PEACE OF MIND NOW COMES IN FOUR PACKAGES!

From inspection to the premium maintenance package – the choice is yours! There is a BOGE maintenance package to meet the level of service cover you require. Once you have selected your maintenance package you can simply sit back and enjoy the peace of mind that comes with maintenance from BOGE.

FULL SERVICE

- all work including replacement parts and maintenance components
- maintenance work within 24 hours
- manufacturer's warranty up to 10 years
- free of charge commissioning
- optional: BOGE plant management
- BOGE remote diagnostics tool airstatus

PREMIUM MAINTENANCE

- 24 months warranty
- maintenance material (BOGE cairpacs)
- discount on replacement parts
- individual on-site support
- disposal of working materials and used parts
- includes emergency flat rate

MAINTENANCE

- discount on commissioning
- all recommended maintenance work

INSPECTION

- travel time
- working hours
- pro-active support

The contract term on all packages is 24 months. In addition, BOGE best **cair** warranty is also available. For more information and terms and conditions please contact your BOGE service consultant.

Service your added value! Maximised reliability and economic efficiency are not the only technical advantages that BOGE has to offer. Our comprehensive service support program will ensure your BOGE compressed air system remains in tip top condition. Wherever you need us, whatever we can do for you: BOGE Service Support is always readily available close by – competent, to the highest standards, and always one step ahead.



BOGE BESTCAIR

BOGE **bestcair** enables you to extend your factory warranty up to 5 years: 2 years factory warranty with 3 years additional **bestcair** warranty – the choice is yours. Furthermore, **bestcair** ensures manufacturer's recommended maintenance schedule of new and existing equipment at the specified service intervals.

For more information email
bestcair@boge.com



BOGE GENUINE PARTS

Only original BOGE spare parts have the manufacturer's technological edge. You can be confident when opting for BOGE original spare parts in the service of your BOGE compressed air system will ensure that the integrity of the compressor is maintained, efficiency is retained and your peace of mind is sustained.



ALWAYS NEARBY

BOGE has a network of dedicated service technicians and certified partners at its disposal to help you worldwide with your installation, upgrading, commissioning or approval, maintenance, repair, or inspection: You can rely on the know-how and experience of our qualified experts – at all times.

Hotline Mobile Service:
+49 5206 601-130



EMERGENCY ASSISTANCE

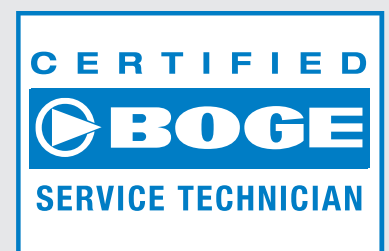
In the case of an emergency where immediate technical support is required, the BOGE product support trouble shooters or the BOGE Helpline team are available to you 24/7.

Product Support Hotline:
+49 5206 601-140
BOGE Helpline: +49 170 4400444



AIR AUDITS

By analysing your existing compressed air system, our energy efficiency experts can identify where savings can be made. The BOGE AIRReport includes measurement of: dew point control, vibration control, leakage, noise, oil check and TAN check.



TRAINING COURSES

The BOGE Compressed Air College was established in order to train and certify internal employees and external partners as qualified BOGE Service Technicians. Attendance of training courses held in the in-house training centre further assist in refreshing existing BOGE Service Technician's knowledge at regular intervals.

BOGE Compressed Air Systems**GmbH & Co. KG**

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Best Of German Engineering

In more than 120 countries worldwide customers from mechanical engineering, industry and trade trust the BOGE know-how in planning, development and production of high quality compressed air systems. Already in its fourth generation, the family-owned company puts all its experience in the development of innovative solutions and outstanding efficient products for the compressed air industry.

Rightly, therefore, the last name of the founder Otto Boge stands for „Best Of German Engineering“ today. Who puts emphasis on German engineering skills, highest safety, reliable services and energy efficiency, accesses quality products from BOGE because they have been supplying „the air to work“ for more than 100 years.

OUR RANGES OF SERVICES INCLUDE THE FOLLOWING:

- Energy efficient systems development
- Plant design and engineering
- Industry 4.0 solutions, system control and visualisation
- High Speed Turbo compressors
- Oil-free piston, screw and scroll compressors
- Oil injected screw compressors and oil lubricated piston compressors
- Compressed air treatment
- Compressed air distribution and storage
- Compressed air accessories
- Compressed air service
- Nitrogen and oxygen generators

