BOGE AIR. THE AIR TO WORK.

BOGE
COMPRESSED AIR SYSTEMS

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.

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BOGE C SERIES

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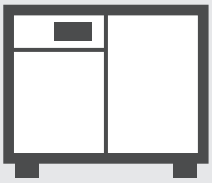
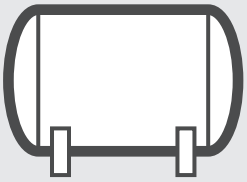
- up to 22 kW 14

BOGE SERVICE 22

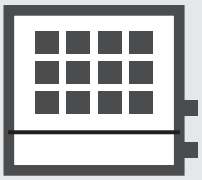
Compressed air with a method:
Modules of the BOGE C series.



Screw compressor



Compressed air receiver



Refrigerant dryer

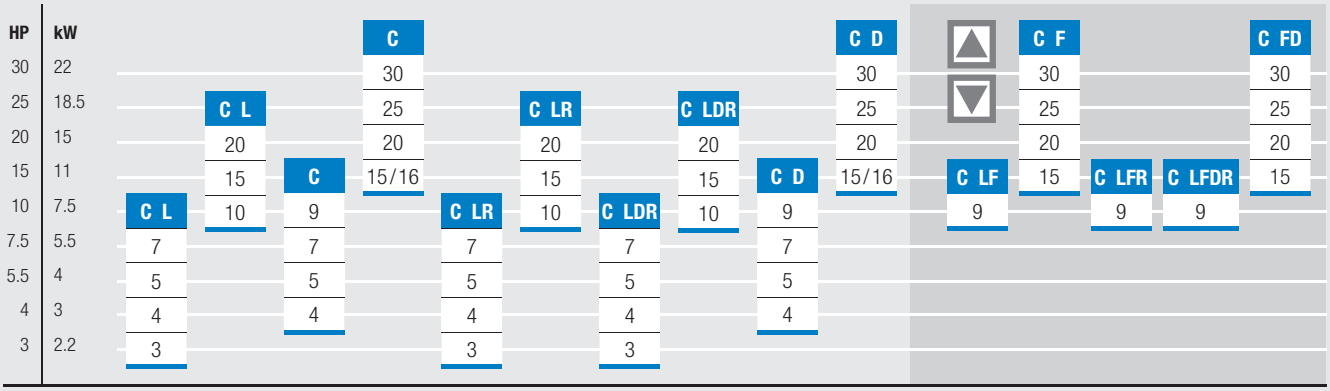
Frequency control

ADVANTAGES OF THE COMPACT MODULAR DESIGN:

- **Flexible combination possibilities**
- **Unit completely ready for connection**
- **Minimum flow losses due to compact construction**
- **High-quality piping protects against leakages**

Modular design, compact system: Because of the modular design BOGE screw compressors allow for individual configuration of your compressed air system. Each compact module is pre-assembled and ready for use: for efficient and reliable operation in all types of applications.

PERFORMANCE OVERVIEW OF THE C SERIES



frequency controlled

UNIQUE: BOGE GENUINE PARTS FOR THE C SERIES.

The use of BOGE original parts ensures you to benefit from the technological advantages of the C series in the long run. In this regard, BOGE offers unique replacement parts for the C series guaranteeing that 100 percent quality and 100 percent service life is achieved. Only BOGE original parts are compatible with the C Series range of compressors - gives surety of maximum safety during the entire life of the product.

Premium Efficiency: IE3 Motors
The C series compressors offer the best possible energy efficiency thanks to economical IE3 motors of the premium efficiency class.

The C series up to 7.5 kW: Space saving and more energy efficient than ever!

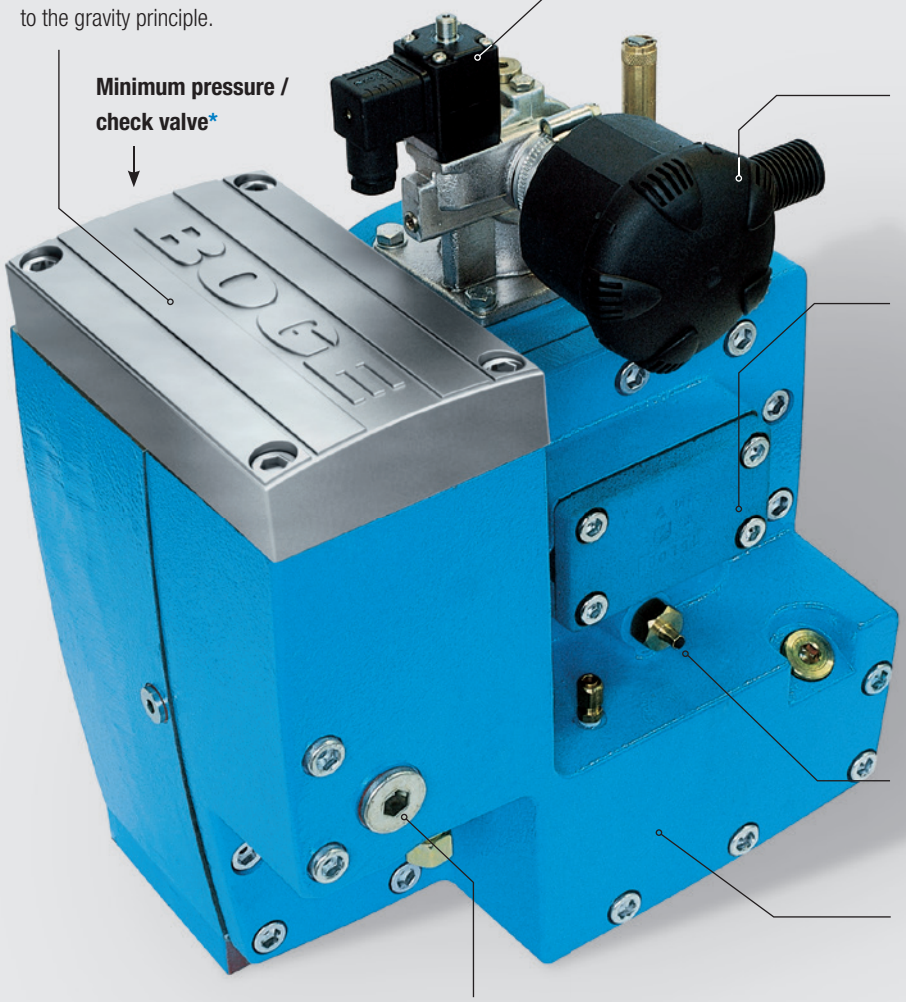
Design advantages.

THE CM COMPACT MODULE:

All major components are integrated into the airend block. Maintenance and wear parts are easily accessible – for easy service and highest operational safety.

Integrated oil separating system
Both oil separating cartridge and oil filter cartridge are easily accessible: for maintenance purposes only the cover needs to be opened. The oil sump is located at the lowest point: for effective pre-separation according to the gravity principle.

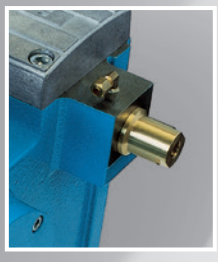
Minimum pressure / check valve*



Multifunctional intake control with integrated solenoid valve for functionally reliable operation without leakages.

Silenced intake filter with paper filter cartridge
The filter separates 99.9 percent of all particles larger than 3 µm: assuring high quality compressed air right at its source.

BOGE airend with special BOGE profile and HD bearing
The specially designed airend is characterised by its high output and low energy consumption.



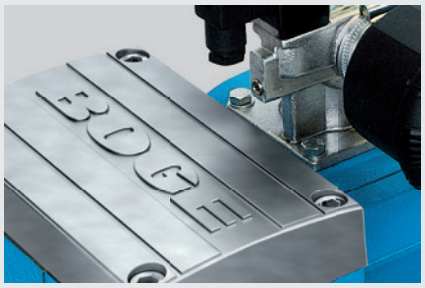
***Minimum pressure / check valve**
Integrated design eliminates piping – for maximum leakage safety.

Temperature sensor
For safe operation and optimal monitoring of the compressor.

CNC machined cast iron housing
High quality machining eliminates the risk of leakage. The heavy cast iron housing also serves to reduce noise right at the source.

Thermo-static oil level regulation
Easily accessible from the outside.

Compact & highly efficient! **The monoblock compact design of the airend range up to 7.5 kW offers distinct advantages. The integrated design minimises the number of oil pipes by clever internal routing – for a highly efficient and reliable compressor. At the same time the airend requires less space providing the user with a compact, space saving and energy efficient solution from BOGE!**



COMPACT DESIGN

Integration of all essential components eliminates almost all interconnecting pipes. Leakages are virtually eliminated. Internal pressure losses are minimised.

EXTREMELY QUIET

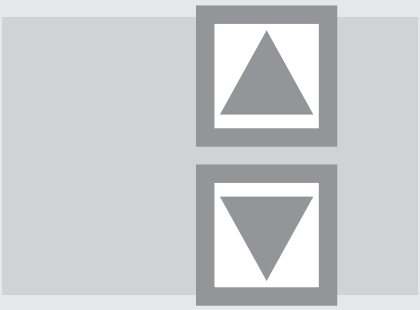
Because of the sound adsorbing graphite casting the C series is very quiet in operation and vibration free. No further silencing is required. The canopy versions C series and C series with dryer are therefore super-silent with low sound pressure values.

HIGHEST EFFICIENCY

The BOGE airend design ensures industry leading specific power ratios (optimised output volumes at low energy consumption).

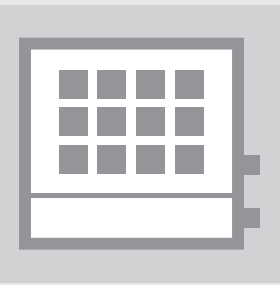
CONTROL

The compressor has the base control system with LC display and pressure transducer technology. FOCUS control is available as an option that offers additional monitoring and control features. FOCUS is also programmed to act as a changeover switch and can control up to three compressors.



OPTIONAL 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. Soft starting via the frequency converter also avoids undue wear and tear and prolongs the service life of the compressor.



OPTIONAL REFRIGERATION DRYER

The C series can be equipped with a refrigeration dryer as an option – either top mounted on a compressed air receiver or horizontally mounted. No additional space is required for the generation of dry compressed air.

Screw compressor **C 3 L** to **C 7 L**
Compressed air system **C 3 LR** to **C 7 LR**
Compressed air centre **C 3 LDR** to **C 7 LDR**

Effective free air delivery:
0.234 – 0.728 m³/min, 8 – 25 cfm
Pressure range: 10 and 13 bar, 150 and 190 psig
Motor range: 2.2 – 5.5 kW, 3 – 7.5 HP

Screw compressor **C L**

Compact screw compressor, directly coupled

Compressed air system **C LR**

Receiver mounted screw compressor,
directly coupled

Compressed air centre **C LDR**

Receiver mounted screw compressor
and refrigerant dryer, directly coupled

The depiced machines do not correspond to the most updated version of the receivers.

BOGE Model	Max. pressure**		Effective free air delivery* 50 Hz		Effective free air delivery* 60 Hz		Motor power		Dimensions W x D x H	Weight
	bar	psig	m³/min	cfm	m³/min	cfm	kW	HP	mm	kg
C 3 L	10	150	0.240	9	–	–	2.2	3.0	817 x 520 x 495	105
C 4 L	10	150	0.340	12	0.31	11	3.0	4.0	817 x 520 x 495	110
C 4 L	13	190	0.234	8	–	–	3.0	4.0	817 x 520 x 495	110
C 5 L	10	150	0.545	19	0.40	14	4.0	5.5	817 x 520 x 495	125
C 7 L	10	150	0.728	25	–	–	5.5	7.5	817 x 520 x 495	130
C 7 L	13	190	0.525	19	–	–	5.5	7.5	817 x 520 x 495	130

* Free air delivery figures in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound pressure levels from 61 dB(A) according to DIN EN ISO 2151:2009

BOGE Model	Max. pressure**		Receiver volume	Effective free air delivery* 50 Hz		Effective free air delivery* 60 Hz		Motor power		Receiver option	Dimensions W x D x H	Weight
	bar	psig	Litres	m³/min	cfm	m³/min	cfm	kW	HP	Litres	mm	kg
C 3 LR	10	150	90	0.240	9	–	–	2.2	3.0	270	1185 x 550 x 1010	155
C 4 LR	10	150	90	0.340	12	0.31	11	3.0	4.0	270	1185 x 550 x 1010	160
C 4 LR	13	190	160	0.234	8	–	–	3.0	4.0	270	1185 x 550 x 1010	185
C 5 LR	10	150	90	0.545	19	0.40	14	4.0	5.5	270	1185 x 550 x 1010	175
C 7 LR	10	150	90	0.728	25	–	–	5.5	7.5	270	1185 x 550 x 1010	180
C 7 LR	13	190	160	0.525	19	–	–	5.5	7.5	270	1185 x 550 x 1010	205

* Free air delivery figures in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound pressure levels from 61 dB(A) according to DIN EN ISO 2151:2009

BOGE Model	Max. pressure**		Receiver volume	Effective free air delivery* 50 Hz		Effective free air delivery* 60 Hz		Motor power		Dimensions W x D x H	Weight
	bar	psig	Litres	m³/min	cfm	m³/min	cfm	kW	HP	mm	kg
C 3 LDR	10	150	270	0.240	9	–	–	2.2	3.0	1723 x 675 x 1205	225
C 4 LDR	10	150	270	0.340	12	0.31	11	3.0	4.0	1723 x 675 x 1205	230
C 4 LDR	13	190	350	0.234	8	–	–	3.0	4.0	1723 x 675 x 1205	280
C 5 LDR	10	150	270	0.545	19	0.40	14	4.0	5.5	1723 x 675 x 1205	245
C 7 LDR	10	150	270	0.728	25	–	–	5.5	7.5	1723 x 675 x 1205	250
C 7 LDR	13	190	350	0.525	19	–	–	5.5	7.5	1723 x 675 x 1205	300

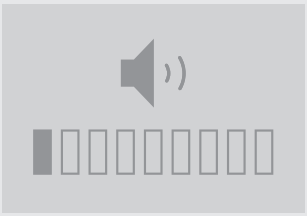
* Free air delivery figures in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound pressure levels from 61 dB(A) according to DIN EN ISO 2151:2009
** Max. pressure of the compressor

Screw compressor **C 4** to **C 9**
Compressed air station **C 4 D** to **C 9 D**

Effective free air delivery: 0.28 – 1.236 m³/min, 10 – 43 cfm
Pressure range: 7,5 – 13 bar, 110 – 190 psig
Motor range: 3 – 7,5 kW, 4 – 10 HP

C 4 to C 7

C 9 and C 4 D to C 9 D



EFFICIENCY
The specially designed BOGE airend provides high output volumes at low energy consumption – for reliable and efficient compressed air supply.

REFRIGERANT DRYER
As an option the compressor can be supplied with a horizontal refrigerant dryer. No additional footprint is required.

EXTREMELY QUIET
All C series compressors are characterised by very low sound pressure levels due to their super-silenced cabinets.

CONTROL
base control is the standard compressor controller with LC display and pressure sensor technology. The FOCUS control, offering additional monitoring and control options, is available as an optional extra.

Compact, efficient, very quiet: The space saving C series screw compressors are designed for long-term performance. A refrigerant dryer mounted on a horizontal receiver is available as an option. Even at full load operation the compressor operates reliably and safely at optimum efficiency providing a long service life.

BOGE Model	Max. pressure**		Effective free air delivery*		Motor power		Dimensions W x D x H	Weight
	bar	psig	m^3/min	cfm	kW	HP	mm	kg
C 4	7,5	110	0,440	15	3,0	4,0	480 x 907 x 955	190
C 4	8	115	0,427	15	3,0	4,0	480 x 907 x 955	190
C 4	10	150	0,340	12	3,0	4,0	480 x 907 x 955	190
C 4	13	190	0,280	10	3,0	4,0	480 x 907 x 955	190
C 5	7,5	110	0,649	23	4,0	5,5	480 x 907 x 955	195
C 5	8	115	0,630	22	4,0	5,5	480 x 907 x 955	195
C 5	10	150	0,545	19	4,0	5,5	480 x 907 x 955	195
C 5	13	190	0,440	15	4,0	5,5	480 x 907 x 955	195
C 7	7,5	110	0,927	33	5,5	7,5	480 x 907 x 955	210
C 7	8	115	0,900	32	5,5	7,5	480 x 907 x 955	210
C 7	10	150	0,770	27	5,5	7,5	480 x 907 x 955	210
C 7	13	190	0,642	23	5,5	7,5	480 x 907 x 955	210
C 9	7,5	110	1,236	43	7,5	10,0	480 x 987 x 1234	215
C 9	8	115	1,200	42	7,5	10,0	480 x 987 x 1234	215
C 9	10	150	1,100	39	7,5	10,0	480 x 987 x 1234	215
C 9	13	190	0,900	32	7,5	10,0	480 x 987 x 1234	215
C 4 D	7,5	110	0,440	15	3,0	4,0	480 x 990 x 1235	210
C 4 D	8	115	0,427	15	3,0	4,0	480 x 990 x 1235	210
C 4 D	10	150	0,340	12	3,0	4,0	480 x 990 x 1235	210
C 4 D	13	190	0,280	10	3,0	4,0	480 x 990 x 1235	210
C 5 D	7,5	110	0,649	23	4,0	5,5	480 x 990 x 1235	215
C 5 D	8	115	0,630	22	4,0	5,5	480 x 990 x 1235	215
C 5 D	10	150	0,545	19	4,0	5,5	480 x 990 x 1235	215
C 5 D	13	190	0,440	15	4,0	5,5	480 x 990 x 1235	215
C 7 D	7,5	110	0,927	33	5,5	7,5	480 x 990 x 1235	230
C 7 D	8	115	0,900	32	5,5	7,5	480 x 990 x 1235	230
C 7 D	10	150	0,770	27	5,5	7,5	480 x 990 x 1235	230
C 7 D	13	190	0,642	23	5,5	7,5	480 x 990 x 1235	230
C 9 D	7,5	110	1,236	43	7,5	10,0	480 x 990 x 1235	235
C 9 D	8	115	1,200	42	7,5	10,0	480 x 990 x 1235	235
C 9 D	10	150	1,100	39	7,5	10,0	480 x 990 x 1235	235
C 9 D	13	190	0,900	32	7,5	10,0	480 x 990 x 1235	235

* Free air delivery figures in accordance with ISO 1217, Appendix C, at 20°C ambient temperature and maximum pressure. Emitted sound pressure levels from 59 dB(A) according to DIN EN ISO 2151:2009.
** Max. pressure of the compressor

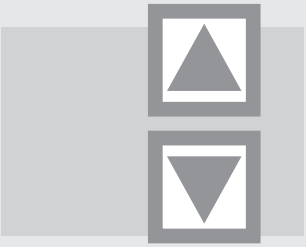
Screw compressor **C 9 LF** /
Compressor system **C 9 LFR** /
Compressed air centre **C 9 LFDR** / with frequency control

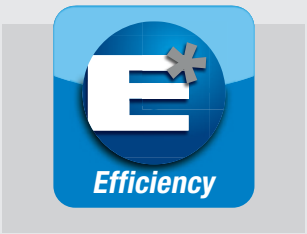
Effective free air delivery:
0.24 – 1.31 m³/min, 8 – 43 cfm
Pressure range: 7,5 – 13 bar, 110 – 190 psig
Motor range: 7,5 kW, 10 HP

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. The BOGE FOCUS control 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 W x D x H mm	Dimensions super-silenced W x D x H mm	Com-pressed air outlet	Weight silenced kg	Weight super-silenced kg
	bar	psig	Litres	m³/min	cfm	kW	HP					
C 9 LF	7,5	110		0,26-1,31	9-43	7,5	10,0	1020 x 677 x 723	1020 x 677 x 796	G 1/2	200	208
C 9 LF	8	115	–	0,26-1,27	9-42	7,5	10,0	1020 x 677 x 723	1020 x 677 x 796	G 1/2	200	208
C 9 LF	10	150	–	0,25-1,12	9-40	7,5	10,0	1020 x 677 x 723	1020 x 677 x 796	G 1/2	200	208
C 9 LF	13	190	–	0,24-0,93	8-33	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	0,25-1,31	9-43	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	0,26-1,27	9-42	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	0,25-1,12	9-40	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	0,24-0,93	8-33	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	0,25-1,31	9-43	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	0,26-1,27	9-42	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	0,25-1,12	9-40	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	0,24-0,93	8-33	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
Ask for further receiver dimensions.

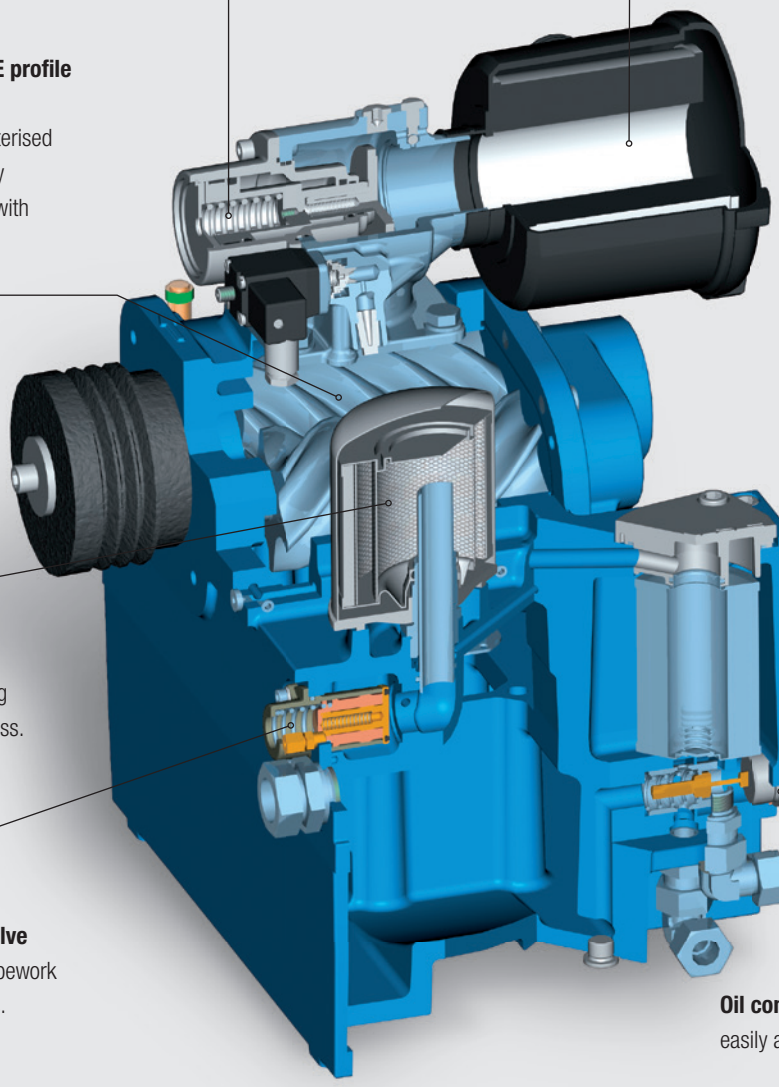
The C series up to 22 kW: This is the way compressors are made today!

Design advantages.

Multifunctional intake control with integrated solenoid valve for functionally reliable operation without leaks.

Silenced paper cartridge intake filter
This filter separates 99.9 percent of all particles larger than 3 µm: for high quality compressed air at its source.

Integrated airend with special BOGE profile and HD bearing
The specially designed airend is characterised by its high free air delivery at low energy consumption. Motor sizes up to 22 kW with free air delivery up to 3,62 m³/min.



Effective **oil pre-separation** harnessing the laws of gravity. Service friendly access.

Minimum pressure valve / check valve
Integrated design serves to eliminate pipework – virtually eliminates the risk of oil leaks.

Oil control valve
easily accessible from the outside.

The state-of-the-art compressor: **Extremely quiet, compact & efficient – the "large" BOGE C series has set industry standard in specific power and sound pressure values. The BOGE compact module ensures short distances and less pipelines – for a highly efficient and reliable compressor solution. Depending on your requirements, the C series up to 22 kW can be equipped with refrigerant dryer, frequency control or heat recovery: This is the way compressors are made today!**

INTEGRATED DESIGN

The integration of all essential components in the compact module serves to eliminate pipework and to reduce flow losses: for maximum operating dependability and efficiency!

COMPACT EFFICIENCY

The BOGE C series is engineered to generate high free air deliveries in continuous operation and in a incomparably efficient manner. Due to its compact design space requirements are kept to a minimum: an installation surface of less than 1 square metre is sufficient.

CONTROL

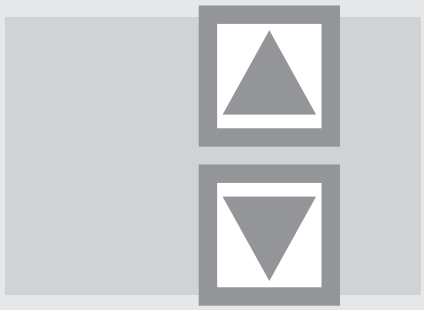
base control with LC display and pressure sensor technology is fitted standard. FOCUS control is available as an option and includes an integrated energy efficiency display as well as additional monitoring and control options. FOCUS software now includes a three compressor changeover system.

OPTIONAL REFRIGERANT DRYER

The C series can be supplied with an integrated dryer or mounted on top of a horizontal air receiver.

OPTIONAL HEAT RECOVERY

A heat recovery system can be added as an option. Up to 94 percent of the input electrical energy is dissipated through the cooling medium (air or water) and can be recovered for space heating or pre-heating domestic water.



OPTIONAL FREQUENCY CONTROL

The frequency controlled option ensures a continuous volume flow between 25 and 100 percent. This ensures 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.

Screw compressor **C 10 L** to **C 20 L**
Compressed air system **C 10 LR** to **C 20 LR**
Compressed air centre **C 10 LDR** to **C 20 LDR**

Effective free air delivery:
1.060 – 2.340 m³/min, 37 – 82 cfm
Pressure range: 7,5 and 10 bar, 110 and 150 psig
Motor range: 7,5 – 15 kW, 10 – 20 HP

Screw compressor **C L**

Compact screw compressor, directly coupled

Screw compressor **C L** with noise silencer option

Screw compressor with mounted noise silencer

Compressed air system **C LR**

Receiver mounted screw compressor, directly coupled

Compressed air centre **C LDR**

Receiver mounted screw compressor and refrigerant dryer, directly coupled

A class of its own: The directly coupled screw compressors of the C series are space saving and extremely efficient at the same time. They are available with horizontal receiver and/or top mounted refrigeration dryer and can flexibly be adapted to suit particular application requirements.

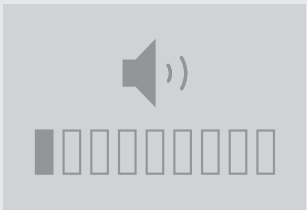
BOGE Model	Max. pressure**		Effective free air delivery* 50 Hz		Motor power		Dimensions B x T x H	Dimensions super-silenced W x D x H	Weigh	Weight super-silenced
	bar	psig	m³/min	cfm	kW	HP	mm	mm	kg	kg
C 10 L	7,5	110	1,130	39	7,5	10,0	1170 x 600 x 600	1500 x 784 x 800	260	395
C 10 L	8	115	1,100	38	7,5	10,0	1170 x 600 x 600	1500 x 784 x 800	260	395
C 10 L	10	150	1,060	37	7,5	10,0	1170 x 600 x 600	1500 x 784 x 800	260	395
C 15 L	7,5	110	1,820	64	11,0	15,0	1335 x 693 x 610	1500 x 784 x 800	290	425
C 15 L	8	115	1,770	62	11,0	15,0	1335 x 693 x 610	1500 x 784 x 800	290	425
C 15 L	10	150	1,700	60	11,0	15,0	1335 x 693 x 610	1500 x 784 x 800	290	425
C 20 L	7,5	110	2,340	82	15,0	20,0	1335 x 693 x 610	1500 x 784 x 800	300	435
C 20 L	8	115	2,280	80	15,0	20,0	1335 x 693 x 610	1500 x 784 x 800	300	435
C 20 L	10	150	2,240	79	15,0	20,0	1335 x 693 x 610	1500 x 784 x 800	300	435

BOGE Model	Max. pressure**		Receiver volume	Effective free air delivery* 50 Hz		Motor power		Dimensions B x T x H	Dimensions super-silenced W x D x H	Weigh	Weight super-silenced
	bar	psig	Litres	m³/min	cfm	kW	HP	mm	mm	kg	kg
C 10 LR	7,5	110	350	1,130	39	7,5	10,0	1815 x 720 x 1350	1820 x 835 x 1495	380	515
C 10 LR	8	115	350	1,100	38	7,5	10,0	1815 x 720 x 1350	1820 x 835 x 1495	380	515
C 10 LR	10	150	350	1,060	37	7,5	10,0	1815 x 720 x 1350	1820 x 835 x 1495	380	515
C 15 LR	7,5	110	350	1,820	64	11,0	15,0	1815 x 720 x 1365	1820 x 835 x 1495	410	555
C 15 LR	8	115	350	1,770	62	11,0	15,0	1815 x 720 x 1365	1820 x 835 x 1495	410	555
C 15 LR	10	150	350	1,700	60	11,0	15,0	1815 x 720 x 1365	1820 x 835 x 1495	410	555
C 20 LR	7,5	110	350	2,340	82	15,0	20,0	1815 x 720 x 1365	1820 x 835 x 1495	470	575
C 20 LR	8	115	350	2,280	80	15,0	20,0	1815 x 720 x 1365	1820 x 835 x 1495	470	575
C 20 LR	10	150	350	2,240	79	15,0	20,0	1815 x 720 x 1365	1820 x 835 x 1495	470	575
C 10 LDR	7,5	110	350	1,130	39	7,5	10,0	1960 x 720 x 1350	2040 x 835 x 1500	350	550
C 10 LDR	8	115	350	1,100	38	7,5	10,0	1960 x 720 x 1350	2040 x 835 x 1500	350	550
C 10 LDR	10	150	350	1,060	37	7,5	10,0	1960 x 720 x 1350	2040 x 835 x 1500	350	550
C 15 LDR	7,5	110	350	1,820	64	11,0	15,0	1960 x 720 x 1365	2040 x 835 x 1500	380	590
C 15 LDR	8	115	350	1,770	62	11,0	15,0	1960 x 720 x 1365	2040 x 835 x 1500	380	590
C 15 LDR	10	150	350	1,700	60	11,0	15,0	1960 x 720 x 1365	2040 x 835 x 1500	380	590
C 20 LDR	7,5	110	350	2,340	82	15,0	20,0	1960 x 720 x 1365	2040 x 835 x 1500	380	610
C 20 LDR	8	115	350	2,280	80	15,0	20,0	1960 x 720 x 1365	2040 x 835 x 1500	380	610
C 20 LDR	10	150	350	2,240	79	15,0	20,0	1960 x 720 x 1365	2040 x 835 x 1500	380	610

* Free air delivery figures in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound pressure levels from 59,5 dB(A) according to DIN EN ISO 2151:2009
** Max. pressure of the compressor

Screw compressor **C 15** to **C 30**
Compressed air station **C 15 D** to **C 30 D**

Effective free air delivery:
1.33 – 3.729 m³/min, 22 – 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. You rarely come across such compact screw compressor efficiency.

EXTREMELY QUIET
All C series compressors feature very low sound pressure levels.

REFRIGERANT DRYERS
The C series screw compressors can include an integrated refrigerant dryer for high quality compressed air. No additional footprint is required.

CONTROL
The compressor is controlled by the base control system with LC display and pressure sensor technology.The FOCUS control system is available as an option.

Real winners: The belt driven C series models up to 22 kW are highly efficient and extremely quiet in operation requiring only a minimum footprint. The footprint is even kept to a minimum with the C D series which includes an integrated refrigerant dryer. An integrated design means short distances and extremely low pressure losses. As well as generating industry leading outputs, the C series is also very energy efficient.

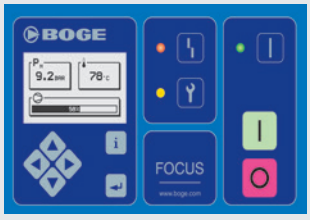
BOGE Model	Max. pressure**		Effective free air delivery*		Motor power		Dimensions super-silenced W x D x H	Compressed air outlet	Weight super-silenced
	bar	psig	m^3/min	cfm	kW	HP	mm		kg
C 15	7,5	110	1,792	63	11,0	15,0	722 x 1060 x 1740	G 1	398
C 15	8	115	1,740	61	11,0	15,0	722 x 1060 x 1740	G 1	398
C 15	10	150	1,530	54	11,0	15,0	722 x 1060 x 1740	G 1	398
C 15	13	190	1,330	22	11,0	15,0	722 x 1060 x 1740	G 1	398
C 16	7,5	110	1,947	68	11,0	16,0	722 x 1060 x 1740	G 1	470
C 16	8	115	1,890	66	11,0	16,0	722 x 1060 x 1740	G 1	470
C 16	10	150	1,630	57	11,0	16,0	722 x 1060 x 1740	G 1	470
C 16	13	190	1,350	47	11,0	16,0	722 x 1060 x 1740	G 1	470
C 20	7,5	110	2,627	93	15,0	20,0	722 x 1060 x 1740	G 1	478
C 20	8	115	2,550	90	15,0	20,0	722 x 1060 x 1740	G 1	478
C 20	10	150	2,250	79	15,0	20,0	722 x 1060 x 1740	G 1	478
C 20	13	190	1,890	66	15,0	20,0	722 x 1060 x 1740	G 1	478
C 25	7,5	110	3,193	112	18,5	25,0	722 x 1060 x 1740	G 1	499
C 25	8	115	3,100	109	18,5	25,0	722 x 1060 x 1740	G 1	499
C 25	10	150	2,710	95	18,5	25,0	722 x 1060 x 1740	G 1	499
C 25	13	190	2,320	81	18,5	25,0	722 x 1060 x 1740	G 1	499
C 30	7,5	110	3,729	131	22,0	30,0	722 x 1060 x 1740	G 1	546
C 30	8	115	3,620	127	22,0	30,0	722 x 1060 x 1740	G 1	546
C 30	10	150	3,210	113	22,0	30,0	722 x 1060 x 1740	G 1	546
C 30	13	190	2,710	95	22,0	30,0	722 x 1060 x 1740	G 1	546
C 15 D	7,5	110	1,792	63	11,0	15,0	1072 x 1060 x 1740	G 1	498
C 15 D	8	115	1,740	61	11,0	15,0	1072 x 1060 x 1740	G 1	498
C 15 D	10	150	1,530	54	11,0	15,0	1072 x 1060 x 1740	G 1	498
C 15 D	13	190	1,330	22	11,0	15,0	1072 x 1060 x 1740	G 1	498
C 16 D	7,5	110	1,947	68	11,0	16,0	1072 x 1060 x 1740	G 1	570
C 16 D	8	115	1,890	66	11,0	16,0	1072 x 1060 x 1740	G 1	570
C 16 D	10	150	1,630	57	11,0	16,0	1072 x 1060 x 1740	G 1	570
C 16 D	13	190	1,350	47	11,0	16,0	1072 x 1060 x 1740	G 1	570
C 20 D	7,5	110	2,627	93	15,0	20,0	1072 x 1060 x 1740	G 1	578
C 20 D	8	115	2,550	90	15,0	20,0	1072 x 1060 x 1740	G 1	578
C 20 D	10	150	2,250	79	15,0	20,0	1072 x 1060 x 1740	G 1	578
C 20 D	13	190	1,890	66	15,0	20,0	1072 x 1060 x 1740	G 1	578
C 25 D	7,5	110	3,193	112	18,5	25,0	1072 x 1060 x 1740	G 1	599
C 25 D	8	115	3,100	109	18,5	25,0	1072 x 1060 x 1740	G 1	599
C 25 D	10	150	2,710	95	18,5	25,0	1072 x 1060 x 1740	G 1	599
C 25 D	13	190	2,320	81	18,5	25,0	1072 x 1060 x 1740	G 1	599
C 30 D	7,5	110	3,729	131	22,0	30,0	1072 x 1060 x 1740	G 1	646
C 30 D	8	115	3,620	127	22,0	30,0	1072 x 1060 x 1740	G 1	646
C 30 D	10	150	3,210	113	22,0	30,0	1072 x 1060 x 1740	G 1	646
C 30 D	13	190	2,710	95	22,0	30,0	1072 x 1060 x 1740	G 1	646

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC 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

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 system which includes an integrated efficiency display as well as additional monitoring and control options. FOCUS is programmed as a changeover switch and can control up to three machines.

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	0,40-1,79	14- 63	11,0	15,0	722 x 1080 x 1740	G 1	436
C 15 F	8	115	0,39-1,74	14- 61	11,0	15,0	722 x 1080 x 1740	G 1	436
C 15 F	10	150	0,36-1,53	13- 54	11,0	15,0	722 x 1080 x 1740	G 1	436
C 15 F	13	190	0,27-1,33	10- 47	11,0	15,0	722 x 1080 x 1740	G 1	436
C 20 F	7,5	110	0,50-2,63	24- 93	15,0	20,0	722 x 1080 x 1740	G 1	519
C 20 F	8	115	0,49-2,55	23- 90	15,0	20,0	722 x 1080 x 1740	G 1	519
C 20 F	10	150	0,45-2,25	20- 79	15,0	20,0	722 x 1080 x 1740	G 1	519
C 20 F	13	190	0,54-1,89	17- 66	15,0	20,0	722 x 1080 x 1740	G 1	519
C 25 F	7,5	1105	0,69-3,20	28-112	18,5	25,0	722 x 1080 x 1740	G 1	583
C 25 F	8	115	0,65-3,10	27-109	18,5	25,0	722 x 1080 x 1740	G 1	583
C 25 F	10	150	0,61-2,71	24- 95	18,5	25,0	722 x 1080 x 1740	G 1	583
C 25 F	13	190	0,45-2,32	20- 81	18,5	25,0	722 x 1080 x 1740	G 1	583
C 30 F	7,5	110	0,82-3,73	33-131	22,0	30,0	722 x 1080 x 1740	G 1	583
C 30 F	8	115	0,80-3,62	32-127	22,0	30,0	722 x 1080 x 1740	G 1	583
C 30 F	10	150	0,69-3,21	28-113	22,0	30,0	722 x 1080 x 1740	G 1	583
C 30 F	13	190	0,55-2,71	24- 95	22,0	30,0	722 x 1080 x 1740	G 1	583
C 15 FD	7,5	110	0,40-1,79	14- 63	11,0	15,0	1072 x 1080 x 1740	G 1	536
C 15 FD	8	115	0,39-1,74	14- 61	11,0	15,0	1072 x 1080 x 1740	G 1	536
C 15 FD	10	150	0,36-1,53	13- 54	11,0	15,0	1072 x 1080 x 1740	G 1	536
C 15 FD	13	190	0,27-1,33	10- 47	11,0	15,0	1072 x 1080 x 1740	G 1	536
C 20 FD	7,5	110	0,50-2,63	24- 93	15,0	20,0	1072 x 1080 x 1740	G 1	619
C 20 FD	8	115	0,49-2,55	23- 90	15,0	20,0	1072 x 1080 x 1740	G 1	619
C 20 FD	10	150	0,45-2,25	20- 79	15,0	20,0	1072 x 1080 x 1740	G 1	619
C 20 FD	13	190	0,54-1,89	17- 66	15,0	20,0	1072 x 1080 x 1740	G 1	619
C 25 FD	7,5	110	0,69-3,20	28-112	18,5	25,0	1072 x 1080 x 1740	G 1	683
C 25 FD	8	115	0,65-3,10	27-109	18,5	25,0	1072 x 1080 x 1740	G 1	683
C 25 FD	10	150	0,61-2,71	24- 95	18,5	25,0	1072 x 1080 x 1740	G 1	683
C 25 FD	13	190	0,45-2,32	20- 81	18,5	25,0	1072 x 1080 x 1740	G 1	683
C 30 FD	7,5	110	0,82-3,73	33-131	22,0	30,0	1072 x 1080 x 1740	G 1	681
C 30 FD	8	115	0,80-3,62	32-127	22,0	30,0	1072 x 1080 x 1740	G 1	681
C 30 FD	10	150	0,69-3,21	28-113	22,0	30,0	1072 x 1080 x 1740	G 1	681
C 30 FD	13	190	0,55-2,71	24- 95	22,0	30,0	1072 x 1080 x 1740	G 1	681

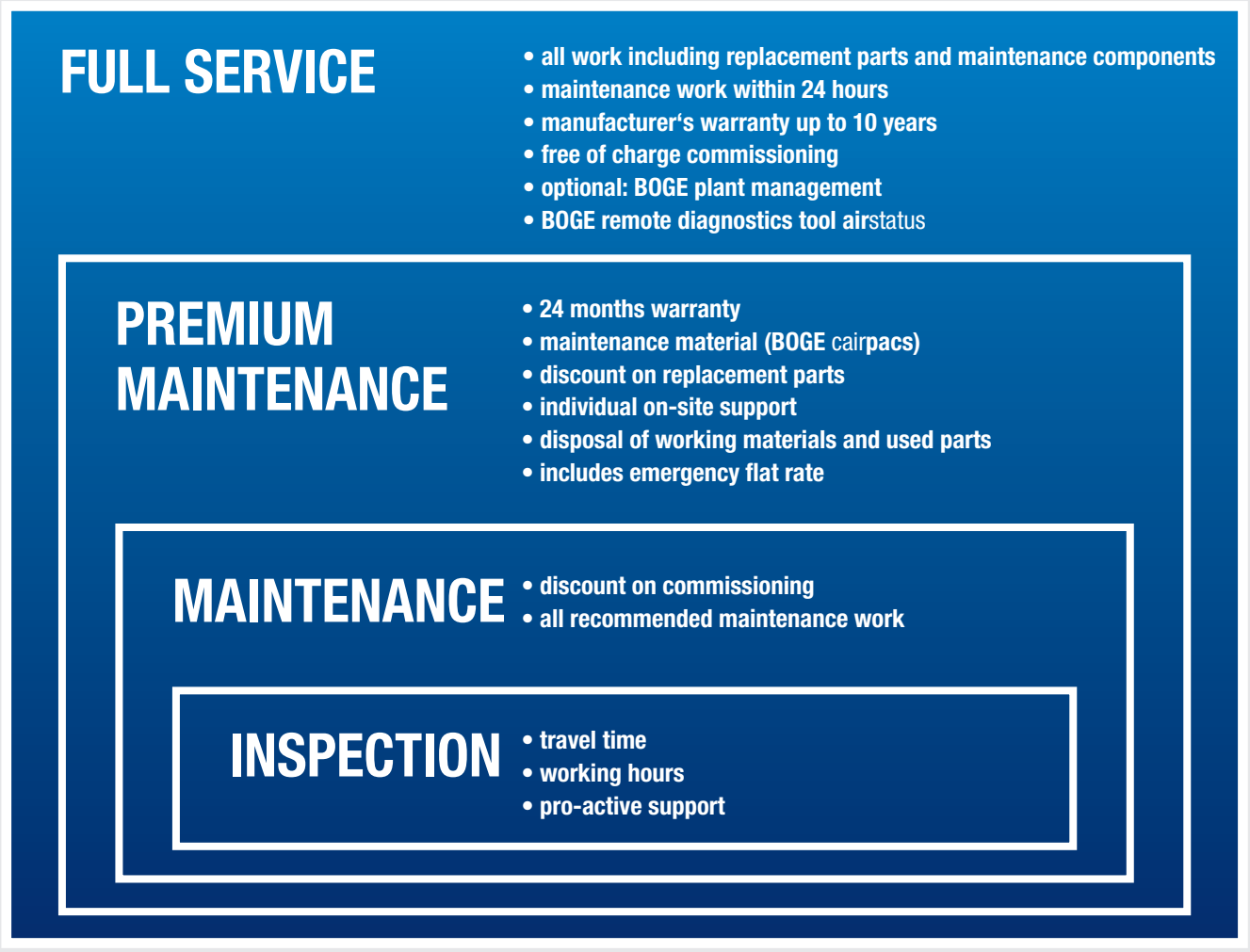
* Free air delivery for the complete package in accordance with ISO 1217, Appendix E, at 20°C ambient temperature and maximum pressure. Emitted sound pressure values from 63 dB(A) according to DIN EN ISO 2151:2009

** Max. pressure of the compressor

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.



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 **best**cair enables you to extend your factory warranty up to 5 years: 2 years factory warranty with 3 years additional **best**cair warranty – the choice is yours. Furthermore, **best**cair 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 AIReport 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 AIR. THE AIR TO WORK.

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Best Of German Engineering

All around the globe, customers place their trust in premium compressed air systems with the BOGE brand name. These four letters stand for more than just the name of our company founder. BOGE also stands for the Best Of German Engineering – because we have been putting our experience in innovative solutions and outstanding products into action for four generations and for more than 100 years. Those who favour German engineering ingenuity opt for BOGE quality – worldwide.

OUR RANGES OF SERVICES INCLUDE THE FOLLOWING:

- Energy efficient systems development
- Plant design and engineering
- System control and visualisation
- Oil-free piston and screw compressors
- Oil injected screw compressors and oil lubricated piston compressors
- Compressed air treatment
- Compressed air distribution and storage
- Compressed air accessories
- Compressed air service

GL ISO 9001 ISO 14001
GL Systems Certification

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