



PISTON COMPRESSORS

Over 100,000 compressed air users expect more when it comes to their compressed air supply.

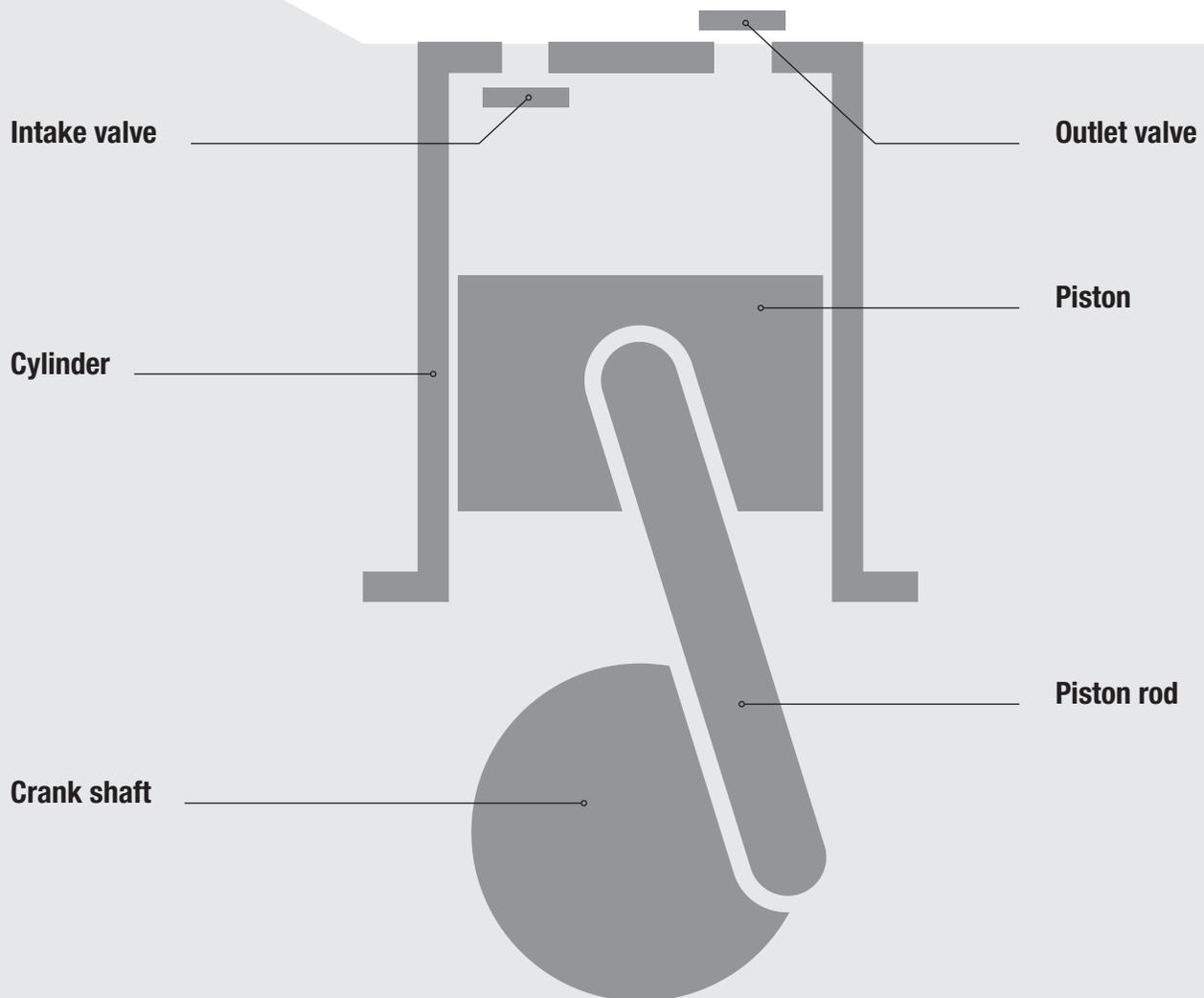
BOGE air provides them with the air to work.

BOGE piston compressors are the embodiment of reliability: for more than 80 years their robust and functional design has provided many users with a dependable and efficient compressed air supply. A large number of options – oil-free or oil-lubricated, equipped with compressed air receiver or refrigerant dryer, mobile or stationary – enables you to configure your individual compressor solution according to your requirements. And of course, each piston compressor comes with proven BOGE quality: long service life and low maintenance cost.

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When did you last see a piston compressor work so **reliably**?



IDEALLY SUITED FOR FLUCTUATING COMPRESSED AIR DEMAND

Where compressed air supply does not require constant peak load operation BOGE piston compressors are the obvious choice being robust and perfectly able to manage high pressures – from small to medium demands.

Industry and trade need safe solutions: Therefore, BOGE piston compressors are engineered to provide dependable compressed air for a wide range of applications. A sophisticated design and uncompromising high quality workmanship ensures that BOGE piston compressors are without a doubt setting the standard when it comes to reliability and efficiency in operation.

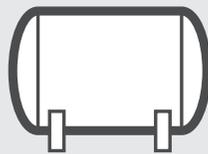
A MODULAR CONCEPT

Using the piston compressor unit as a base, additional modules can be added to configure an individual compressed air system specifically designed to meet individually defined operating

requirements. The final compact unit is supplied ready for connection; for efficient and reliable operation in all types of applications.



Piston compressor



Compressed air receiver

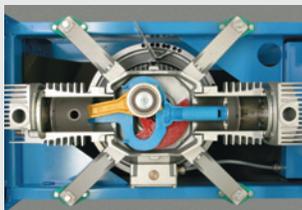


Refrigerant dryer



Membrane dryer

ADVANTAGES OF BOGE PISTON COMPRESSORS



PROGRESSIVE

BOGE piston compressors have been engineered using the latest technological advancements. As an example, the innovative K series compressors utilize the push rod principle that enables completely oil free compressed air generation. Opting for a BOGE piston compressor means always keeping one step ahead of your competitors with safety and efficiency as standard.



RELIABLE

BOGE piston compressors are the reliable backbone of your compressed air supply – for both trade or industrial use. They have stood the test of time for more than 80 years throughout industry: robust, low maintenance and incomparably powerful.



DURABLE

Only top quality materials and the latest technology are used when designing and manufacturing BOGE piston compressors. Precisely manufactured to the smallest tolerances on modern CNC machines BOGE piston compressors are subject to extensive quality control before leaving production. This is why BOGE piston compressors are durable and robust.



FLEXIBLE

Thanks to the modular design principle, BOGE piston compressors can be easily upgraded. You decide for yourself – an oil-free or oil-lubricated system, a small, medium or variable output, with or without a receiver and/or refrigerant dryer. This allows you to have the optimum solution for your application.

OIL-FREE

Piston compressors **K 3 to K 15**

Compressor units **K 3-** to **K 15-**



Effective free air delivery: 244 – 1296 l/min, 9 – 46 cfm
Pressure range: 10 – 40 bar, 150 – 600 psig
Rated power: 2.2 – 11 kW, 3 – 15 HP



K 3 to K 15

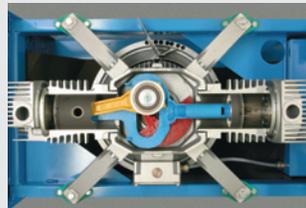


K 3- to K 15-



OIL-FREE SYSTEM

The K series does not use an oil-lubricated crosshead drive. It is therefore ideally suited to sensitive applications where absolutely oil free compressed air is paramount such as in the pharmaceutical and food industries.



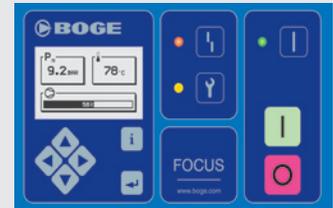
PUSH ROD PRINCIPLE

BOGE developed the K series oil-free piston compressor utilizing state-of-the-art compressor technology. The cylinder is mounted horizontally, and a centrally located crankshaft operates a push rod principle, ensuring the piston remains parallel in the cylinder. This innovation vastly reduces cylinder ring wear experienced in all conventional systems.



EFFICIENCY

As an oil-free compressor, the requirement for downstream air treatment is significantly reduced – if not eliminated with the K series. Therefore pressure losses experienced during the treatment process can be minimized or eradicated leading to a noticeable reduction in energy costs.



FOCUS CONTROL

FOCUS is the latest state-of-the-art energy efficient controller to come from BOGE. A large-scale LC display clearly shows error and maintenance messages, operating states and all operating parameters.

This is how compact and cost efficient oil free compressed air can be:

The K series piston compressors have been developed utilizing the innovative push rod principle providing absolutely oil-free compression – in an entirely new compact design. The K series has been specifically designed for the smaller compressed air user requiring 100% oil-free compressed air. And, available at an unbeatable cost effective price/performance ratio!

BOGE Model	Max. pressure		Effective free air delivery*		Nominal output drive motor		Dimensions silenced	Dimensions super-silenced	Weight silenced	Weight super-silenced
	bar	psig	l/min	cfm	kW	HP	W x D x H (in)	W x D x H (in)	lbs	lbs
K 3	10	150	244	9.0	2.2	3.0	40 x 32 x 31	52 x 32 x 31	401	417
K 4	10	150	328	12.0	3.0	4.0	40 x 32 x 31	52 x 32 x 31	401	417
	15	220	279	10.0	3.0	4.0	40 x 32 x 31	52 x 32 x 31	401	417
K 6	10	150	466	16.0	4.0	5.5	40 x 32 x 31	52 x 32 x 31	461	476
	15	220	420	15.0	4.0	5.5	40 x 32 x 31	52 x 32 x 31	461	476
K 8	10	150	648	23.0	5.5	7.5	40 x 32 x 31	52 x 32 x 31	496	511
	40	600	390	14.0	5.5	7.5	40 x 32 x 31	52 x 32 x 31	511	527
K 15	10	150	1296	46.0	11.0	15.0	59 x 32 x 35	83 x 32 x 35	836	862
	15	220	794	28.0	11.0	15.0	59 x 32 x 35	83 x 32 x 35	838	864
	40	600	780	27.5	11.0	15.0	59 x 32 x 35	83 x 32 x 35	838	864

* Free air delivery according to VDMA 4362 at 80% max. pressure. Emitted sound pressure levels from 70 dB(A) according to DIN EN ISO 2151:2009
Further receiver sizes available on request.

All compressors are available mounted on a 80 gallon receiver tank. Please consult the factory for weights and dimensions.

BOGE BOOSTER

SRMV 390 to SRHV 470



Effective free air delivery: 937 – 7320 l/min, 33 – 258 cfm
(depending on booster pressure)

Maximum pressure: 15 and 40 bar, 220 and 600 psig

Rated power: 5.5 – 18.5 kW, 7.5 – 25 HP



FLEXIBILITY AND EFFICIENCY

Input and final pressures can be easily modified on the BOGE Booster providing a universal compressor to meet varying pressure requirements. It is also worth bearing in mind that boosting the pressure of an existing network will result in reduced energy consumption.



INTEGRATED OIL LEVEL MONITORING

Oil level monitoring comes standard with the BOGE Booster ensuring increased operating safety and reduced maintenance costs.



PRE-FILTER

A pre-filter comes standard with the BOGE Booster to optimize intake air quality. This serves to prevent damage in aggressive environments and maintains operational integrity.



VENTILATION WITH CONDENSATE DRAIN

Ventilation silencer with condensate drain is an optional extra for the BOGE Booster; it is compact and does not require any additional space.

Optimized for extremely high pressures: Do you require particularly high pressures for specific applications in your compressed air network? The BOGE Booster takes pre-compressed and already treated compressed air from an existing network or a low pressure compressor and boosts it to the desired higher pressure – absolutely cost efficient!

BOGE Model	Flow capacity (Displacement)		Flow capacity at booster				Flow capacity (FAD as per DIN 1945)		Compressor speed rpm	Number of cylinders	Motor		Dimensions W x D x H		Weight approx. lbs
	l/min	cfm	75 psig		150 psig		l/min	cfm			kW	HP	approx. in		
			l/min	cfm	l/min	cfm							l/min	cfm	
15 bar / 220 psig standard															
SRMV 390-5	390	14	2340	83	–	–	2135	75	920	2	5.5	7.5	51 x 29 x 35	463	
SRMV 510-5	509	17	3054	108	–	–	2728	96	1200	2	7.5	10.0	51 x 29 x 35	474	
SRMV 720-5	719	25	4314	152	–	–	3766	133	1130	3	11.0	15.0	51 x 29 x 34	573	
SRMV 920-5	919	32	5514	195	–	–	4901	173	830	4	15.0	20.0	53 x 29 x 38	728	
SRMV 390-10	390	14	–	–	4290	151	4155	147	920	2	5.5	7.5	51 x 29 x 35	463	
SRMV 570-10	564	20	–	–	6204	219	5586	197	1330	2	7.5	10.0	51 x 29 x 35	474	
SRMV 720-10	719	25	–	–	7909	279	7320	258	1130	3	11.0	15.0	51 x 29 x 34	573	
40 bar / 600 psig super-silenced															
SRHV 200-5	205	7	1230	44	–	–	937	33	830	2	5.5	7.5	51 x 29 x 35	529	
SRHV 250-5	248	9	1488	53	–	–	1150	41	1010	2	7.5	10.0	51 x 29 x 35	474	
SRHV 450-5	443	16	2658	94	–	–	2117	75	1200	3	11.0	15.0	51 x 29 x 34	573	
SRHV 540-5	535	19	3210	113	–	–	2573	91	1450	3	15.0	20.0	51 x 29 x 34	595	
SRHV 170-10	170	6	–	–	1870	66	1575	56	695	2	7.5	10.0	51 x 29 x 35	540	
SRHV 280-10	278	10	–	–	3058	108	2680	94	1130	2	11.0	15.0	51 x 29 x 35	551	
SRHV 420-10	417	15	–	–	4587	162	3976	140	1130	3	15.0	20.0	51 x 29 x 34	595	
SRHV 470-10	469	17	–	–	5159	182	4559	164	1270	3	18.5	25.0	51 x 29 x 34	551	

READY FOR ACTION WORLDWIDE:

BOGE Service Support – Worldwide



BOGE
COMPRESSED AIR SYSTEMS

SERVICE

SERVICE / MAINTENANCE

Service support solutions including contracts covering repair, and even warranty extension by using BOGE Genuine Parts and qualified BOGE Service Technicians.

EXTENDED WARRANTY

Extension of your factory warranty up to 5 years with the use of BOGE Genuine Parts and lubricants for total security and back-up.

MAINTENANCE & REPAIR

Options include; long-term fixed cost maintenance plans, a flat rate for all types of service and spare parts with a possible warranty extension up to 5 years.

COMMISSIONING

Connection and adjustment of all equipment at your facility: a fast and dependable service delivered by qualified BOGE service technicians. Full installation on request.

24 HOUR HELPLINE

Emergency helpline for trouble shooting and technical support: available any time around the clock!

COMPRESSED AIR FLAT RATE

A comprehensive service plan created to satisfy your individual requirements: e.g. taking responsibility for the compressed air station at your facility including complete plant management for a monthly flat rate irrespective of hours of operation (energy costs not included).

FLEXIBLE SERVICE

This BOGE service program has been developed to adapt to each customer's unique requirements. It is our objective to create a tailor-made BOGE service package covering inspection, service, breakdown, with customized warranty arrangements as well as complete all-in service contracts.

Please contact us to help you determine the type of service best suited to meet your needs: Just email us at usa@boge.com – our service specialists will be in touch with you shortly!

Service your added value! Maximized 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 EXTENDED WARRANTY

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

For more information email
usa@boge.com



BOGE ORIGINAL 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: 770-874-1570



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.

BOGE: 770-874-1570



AIR AUDITS

By analyzing 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 Training Courses were 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 center further assist in refreshing existing BOGE Service Technician's knowledge at regular intervals.

For four generations, customers from mechanical engineering, industry and trade have relied on BOGE know-how when it comes to planning, developing and manufacturing compressed air systems. They are fully aware of the fact that BOGE AIR is more than just ordinary compressed air: utmost safety, outstanding efficiency, excellent quality, maximized flexibility along with dependable service are the ingredients to transform BOGE AIR into air to work with – in Germany, in Europe and in more than 80 countries around the world.

Our ranges of services include the following:

- Energy efficient systems development
- Plant design and engineering
- System control and visualization
- 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



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