

BOGE AIR. THE AIR TO WORK.



# PISTON COMPRESSORS

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

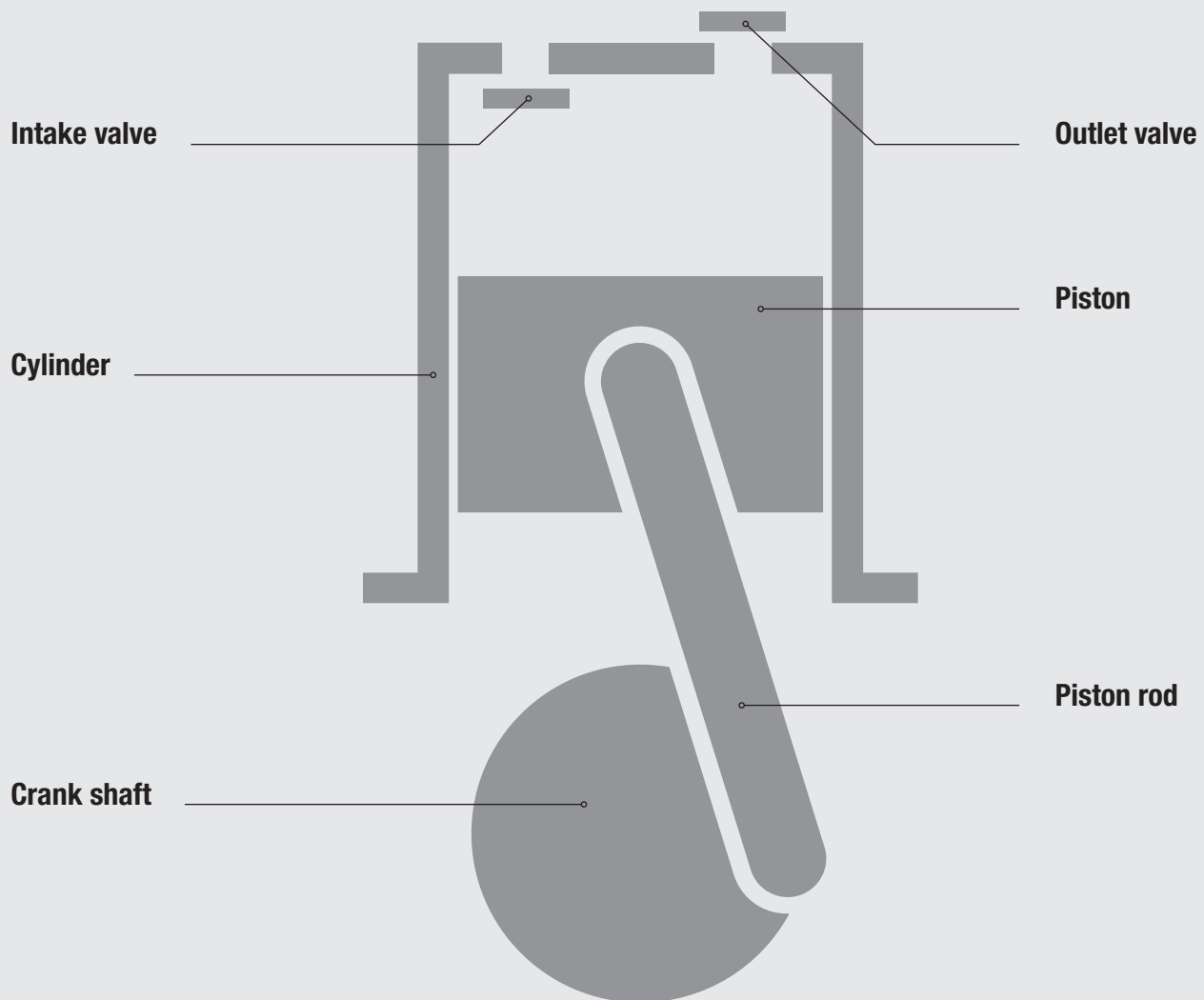
## **BOGE air provides them with the air to work.**

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.

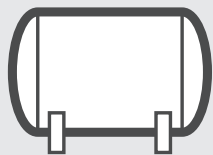
## A MODULAR CONCEPT

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

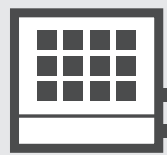
requirements. The final compact unit is supplied ready for connection: for efficient and reliable operation in all types of applications.



**Piston compressor**

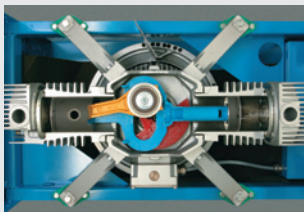


**Compressed air receiver**



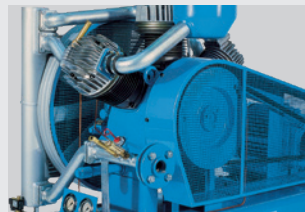
**Refrigerant dryer**

## ADVANTAGES OF BOGE PISTON COMPRESSORS



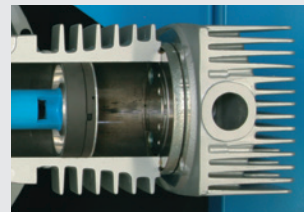
### PROGRESSIVE

BOGE piston compressors have been engineered using the latest technological advancements. As an example, the innovative K series compressors utilise 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.

# The K Series: compact, cost efficient, consistently oil free. Construction advantages.



## **UNIQUE: THE PUSH ROD PRINCIPLE.**

The BOGE K series is engineered to provide a cost effective source of oil free compressed air. It utilises an innovative push rod principle. This design reduces frictional forces and consequently reduces wear. The cylinder bore, in which the special compound coated piston moves, is made of a high strength aluminium-silicon alloy. As the push rod principle operates 100 percent oil free, neither the generated compressed air nor the accrued condensate, contain even the slightest trace of oil.

**The innovation boost for oil free compressed air:** The BOGE K series has been developed utilising the unique push rod system ensuring the absolutely efficient generation of oil free compressed air with extremely low wear and all in a compact design. The BOGE K series is the ideal solution for fluctuating compressed air demand regardless of whether used as a basic load or peak load machine in industry sectors that demand oil free air.



#### 100 PERCENT OIL FREE

You can absolutely rely on the BOGE K series because the system is designed to work 100 percent oil free to prevent any contamination right from the start – producing consistently high quality and environmentally friendly compressed air. No oil in the compressed air, no oil in the condensate!



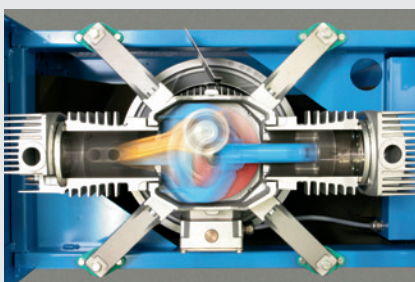
#### 100 PERCENT DEMAND ORIENTED

The BOGE K series is engineered to adapt to your air requirements. Single stage generation up to 10 bar, multi stage generation up to 15 and/or 40 bar. With rated motor powers between 2.2 and 11 kW producing outputs between 244 and 1.296 l/min.



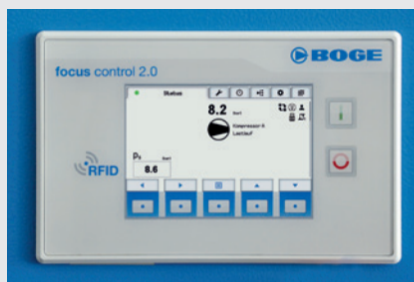
#### 100 PERCENT ECONOMICALLY EFFICIENT

The BOGE K series provides benefits and savings in several ways: with regard to downstream air treatment; with regard to condensate disposal; with regard to service because of minimised maintenance and inspection costs; with regard to lifecycle costs because no oil changes are required at all, and with regard to power consumption because K stands for energy efficient operation.



#### LOW WEAR

The push rod with piston guide system optimises efficiency by reducing friction and wear. As a result, the service life of the piston coating is considerably higher – and your maintenance costs are kept consistently lower.



#### INTELLIGENT CONTROL SYSTEM

The K series machines is equipped with the BOGE **base** control as standard or the **focus** control 2.0 as an option where the BOGE leakage monitor comes as a standard enabling you to monitor your compressed air network for leakages.



#### FLEXIBLE RANGES OF APPLICATION

The BOGE K series is, among others, successfully used in hospitals, the pharmaceutical industry, the food industry and in breweries – or wherever absolutely oil free compressed air, a compact design and efficiency play an important role.

# Piston compressors **K 8** to **K 15**

## Compressor units **K 8-** to **K 15-**



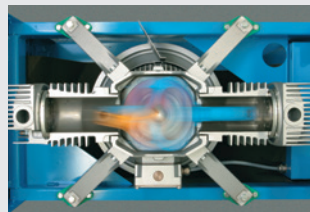
Effective free air delivery: 390 – 1296 l/min, 14 – 46 cfm  
 Pressure range: 10 – 40 bar, 150 – 600 psig  
 Rated power: 5.5 – 11 kW, 7.5 – 15 HP



K 8 to K 15



K 8- 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 utilising 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 minimised or eradicated leading to a noticeable reduction in energy costs.

### FOCUS CONTROL 2.0

The K series is optionally available with the BOGE **base** or **focus** control 2.0. The **focus** control 2.0 ensures a continuous monitoring for pre- and maximum pressure and comes along with several functions and interfaces i.e. RFID, USB and ethernet.



**This is how compact and cost efficient oil free compressed air can be:**  
**The K series piston compressors have been developed utilising 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!**

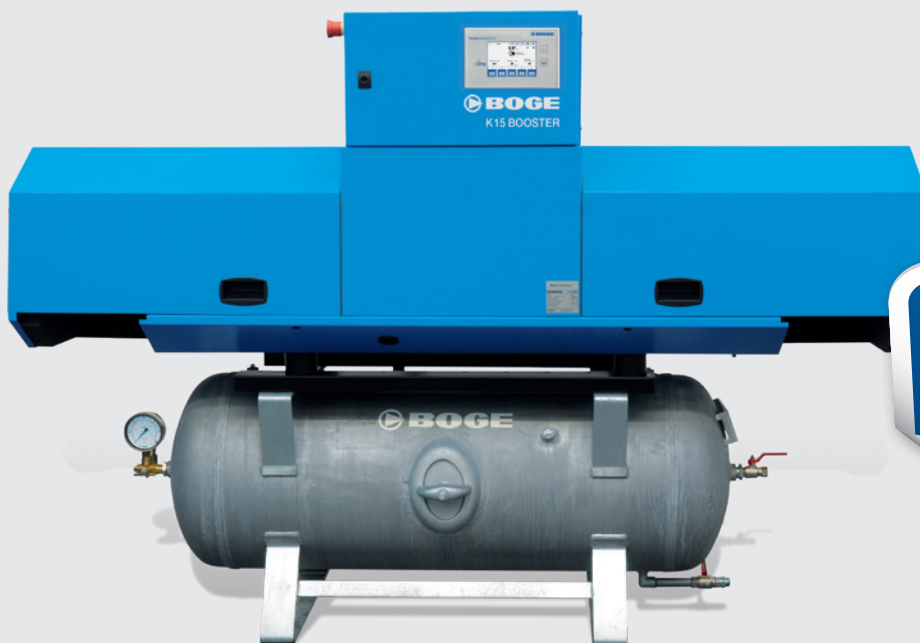
| BOGE Model | Receiver volume<br>Litres | Max. pressure |      | Effective free air delivery* |      | Nominal output drive motor |      | Dimensions silenced | Dimensions super-silenced | Weight silenced | Weight super-silenced |
|------------|---------------------------|---------------|------|------------------------------|------|----------------------------|------|---------------------|---------------------------|-----------------|-----------------------|
|            |                           | bar           | psig | l/min                        | cfm  | kW                         | HP   | W x D x H (mm)      | W x D x H (mm)            | kg              | kg                    |
| K 8        |                           | 10            | 150  | 648                          | 23.0 | 5.5                        | 7.5  | 1012 x 804 x 784    | 1312 x 804 x 784          | 225             | 232                   |
|            |                           | 40            | 600  | 390                          | 14.0 | 5.5                        | 7.5  | 1012 x 804 x 784    | 1312 x 804 x 784          | 232             | 239                   |
| K 15       |                           | 10            | 150  | 1296                         | 46.0 | 11.0                       | 15.0 | 1497 x 806 x 891    | 2097 x 806 x 891          | 379             | 391                   |
|            |                           | 15            | 220  | 794                          | 28.0 | 11.0                       | 15.0 | 1497 x 806 x 891    | 2097 x 806 x 891          | 380             | 392                   |
|            |                           | 40            | 600  | 780                          | 27.5 | 11.0                       | 15.0 | 1497 x 806 x 891    | 2097 x 806 x 891          | 380             | 392                   |
| K 8-       | 270                       | 10            | 150  | 648                          | 23.0 | 5.5                        | 7.5  | 1770 x 804 x 1346   | 1770 x 804 x 1346         | 330             | 337                   |
|            | 250                       | 40            | 600  | 390                          | 14.0 | 5.5                        | 7.5  | 1630 x 804 x 1346   | 1630 x 804 x 1346         | 470             | 477                   |
| K 15-      | 270                       | 10            | 150  | 1296                         | 46.0 | 11.0                       | 15.0 | 1770 x 806 x 1453   | 2097 x 806 x 1453         | 490             | 502                   |
|            | 250                       | 15            | 220  | 794                          | 28.0 | 11.0                       | 15.0 | 1510 x 806 x 1453   | 2097 x 806 x 1453         | 510             | 522                   |
|            | 250                       | 40            | 600  | 780                          | 27.5 | 11.0                       | 15.0 | 1560 x 806 x 1453   | 2097 x 806 x 1453         | 590             | 602                   |

\* Free air delivery according to EN ISO 1217 annex C 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.

# Pure power packs: K8 and K15 BOOSTER



Air delivery: 1160 & 2320 l/min (at 10 bar inlet pressure)  
Drive power: 5.5 & 11 kW  
Pressure range: 40 bar



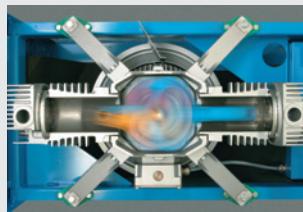
Oil-free piston compressor: Unique in the category up to 11 kW!

➤40

BOGE BOOSTER

E

Efficiency



Oil-Free

## PURE POWER

Compressed air up to 40 bar, generated by a booster compressor, functioning completely oil-free: This combination has not been possible until now. Use the pure power of the BOGE K BOOSTER in order to compress to the required final pressure from an existing network – economic and clean!

## PURE EFFICIENCY

The BOGE K BOOSTER pay off in many ways: As they compress oil-free from the start, treatment is not necessary. As they operate virtually maintenance free, you will save on repair and spare parts costs. As they contain new IE3-motors in addition to the **base** control (optional **focus** control 2.0), you will also save energy.

## CLEAR LEAD

The reciprocating duct according to the push rod principle reduces friction, minimizes wear and tear and keeps your maintenance costs sensationally low. The intelligent cooling air duct and the compact construction are further evidence of the constructive edge of the BOGE K BOOSTER.

## CLEAN RESULT

The BOGE K BOOSTER stands for absolutely oil-free generated compressed air. In this way they are perfectly suited for sensitive application areas: for example in the production of PET bottles, in fields of the pharmaceutical, health and food industry or in the production of electronic components.

**Oil-free at 40 bar:** In all places, where production processes require absolutely oilfree compressed air especially at high pressure, the BOGE K BOOSTER are in their element. From the start the innovating push rod system functions without oil. This combined with low wearing components also makes them virtually maintenance free. Everybody who requires economic oil free compressed air at high pressures will welcome the BOGE K BOOSTER as a new option!



**HOW IT WORKS**

The BOGE K BOOSTER takes in pre-compressed and pre-treated compressed air from an existing network or from a low pressure compressor and compresses it oilfree to the required higher final pressure.

| BOGE Type*                         | Pre-pressure<br>bar | Final pressure<br>bar | Volume flow<br>(delivery volume acc. to DIN 1945) |       | RPM<br>50 Hz<br>1/min | No. of cyl. | Motor power |     | Receiver capacity<br>Liter | Dimensions<br>W x D x H<br>approx. mm   | Weight<br>approx. kg |
|------------------------------------|---------------------|-----------------------|---|-------|-----------------------|-------------|-------------|-----|----------------------------|---|----------------------|
|                                    |                     |                       | l/min   | cfm   |                       |             | kW          | HP  |                            |   |                      |
| K 8 BOOSTER /<br>(K 8 BOOSTER →)   | 5                   | 26                    | 600   | 21.19 | 1450                  | 2           | 5.5         | 7.5 | 250                        | 1012 x 928 x 784<br>(1652 x 928 x 1349) | 208 / (453)          |
|                                    | 5                   | 32                    | 540   | 19.07 |                       |             |             |     |                            |   |                      |
|                                    | 5                   | 40                    | 460   | 16.24 |                       |             |             |     |                            |   |                      |
|                                    | 10                  | 26                    | 1270  | 44.84 |                       |             |             |     |                            |   |                      |
|                                    | 10                  | 32                    | 1209  | 42.69 |                       |             |             |     |                            |   |                      |
|                                    | 10                  | 40                    | 1160  | 40.96 |                       |             |             |     |                            |   |                      |
| K 15 BOOSTER /<br>(K 15 BOOSTER →) | 5                   | 26                    | 1200  | 42.37 | 1450                  | 4           | 11          | 15  | 250                        | 1497 x 928 x 891<br>(1652 x 928 x 1456) | 401 / (646)          |
|                                    | 5                   | 32                    | 1080  | 38.14 |                       |             |             |     |                            |   |                      |
|                                    | 5                   | 40                    | 920   | 32.49 |                       |             |             |     |                            |   |                      |
|                                    | 10                  | 26                    | 2540  | 89.69 |                       |             |             |     |                            |   |                      |
|                                    | 10                  | 32                    | 2418  | 85.38 |                       |             |             |     |                            |   |                      |
|                                    | 10                  | 40                    | 2320  | 81.92 |                       |             |             |     |                            |   |                      |

# Piston compressors **SRD 350 to SRD 1000** Compressor unit **SBD 350- to SBD 1000-** Compressor station **SBD 350-...DB to SBD 1000-...DB**



Effective free air delivery: 260 – 730 l/min, 9.5 – 26 cfm  
 Maximum pressure: 10 and 15 bar, 150 and 220 psig  
 Rated power: 2.2 – 6.3 kW, 3 – 8.5 HP

SRDL 350 to SRDL 1000  
 SRMDL 350 to SRMDL 1000



SRD 350 to SRD 1000  
 SRMD 350 to SRMD 1000

SBDL 350- to SBDL 1000-  
 SBMDL 350- to SBMDL 1000-

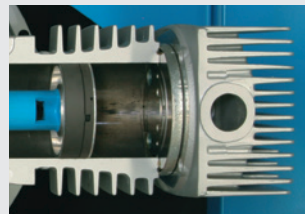


SBD 350- to SBD 1000-  
 SBMD 350- to SBMD 1000-



SBD 350-...DB to SBD 1000-...DB  
 SBMD 350-...DB to SBMD 1000-...DB

SBDL 350-...DB to SBDL 1000-...DB  
 SBMDL 350-...DB to SBMDL 1000-...DB



## MODULAR DESIGN

The compact design ensures the compressor fits neatly into the space available – even where this may be limited. An intelligent layout of component parts such as the short pipe runs, further serves to minimise flow losses.

## FLEXIBILITY

The modular design concept allows you to individually choose the type of compressor and the size of the receiver you require to meet your operating requirements.

## HIGH QUALITY

Quality pays off: Since only top quality components are used in the manufacture of BOGE piston compressors you will benefit from a long service life and low maintenance costs – advantages you will enjoy indefinitely.

## REFRIGERANT DRYER

For those applications requiring dry compressed air, a refrigerant dryer is available as an optional extra and can be integrated for a space saving solution.

| BOGE Model | Flow capacity (Displacement) |     | Flow capacity (FAD as per EN ISO 1217 annex C) |     | Compressor speed<br>min <sup>-1</sup> | Number of cylinders | Motor |    | Dimensions<br>W x D x H<br>mm | Weight<br>kg |
|------------|------------------------------|-----|--|-----|---------------------------------------|---------------------|-------|----|-------------------------------|--------------|
|            | l/min                        | cfm | l/min  | cfm |                                       |                     | kW    | HP |                               |              |

#### 10 bar standard

|          |      |      |     |      |      |   |     |     |             |       |
|----------|------|------|-----|------|------|---|-----|-----|-------------|-------|
| SRD 350  | 350  | 12.5 | 260 | 9.5  | 1420 | 1 | 2.2 | 3.0 | 765x408x582 | 69.5  |
| SRD 500  | 500  | 17.5 | 370 | 13.0 | 1420 | 1 | 3.2 | 4.5 | 765x408x582 | 70.5  |
| SRD 700  | 700  | 25.0 | 515 | 18.5 | 1420 | 2 | 4.0 | 5.5 | 690x520x584 | 96.5  |
| SRD 1000 | 1000 | 35.5 | 730 | 26.0 | 1420 | 2 | 6.3 | 8.5 | 690x520x584 | 104.5 |

#### 10 bar super-silenced

|           |      |      |     |      |      |   |     |     |              |       |
|-----------|------|------|-----|------|------|---|-----|-----|--------------|-------|
| SRDL 350  | 350  | 12.5 | 260 | 9.5  | 1420 | 1 | 3.2 | 4.5 | 915x480x730  | 121.0 |
| SRDL 500  | 500  | 17.5 | 370 | 13.0 | 1420 | 1 | 3.2 | 4.5 | 915x480x730  | 123.0 |
| SRDL 700  | 700  | 25.0 | 515 | 18.5 | 1420 | 2 | 5.5 | 7.5 | 1035x565x805 | 149.0 |
| SRDL 1000 | 1000 | 35.5 | 730 | 26.0 | 1420 | 2 | 6.3 | 8.5 | 1035x565x805 | 157.0 |

#### 15 bar standard

|          |     |      |     |      |      |   |     |     |             |      |
|----------|-----|------|-----|------|------|---|-----|-----|-------------|------|
| SRMD 350 | 350 | 12.5 | 297 | 10.5 | 1420 | 2 | 3.2 | 4.5 | 775x520x575 | 70.0 |
| SRMD 500 | 500 | 17.5 | 425 | 15.0 | 1420 | 2 | 4.0 | 5.5 | 775x520x575 | 76.0 |

#### 15 bar super-silenced

|           |     |      |     |      |      |   |     |     |              |       |
|-----------|-----|------|-----|------|------|---|-----|-----|--------------|-------|
| SRMDL 350 | 350 | 12.5 | 297 | 10.5 | 1420 | 2 | 3.2 | 4.5 | 1035x565x805 | 121.0 |
| SRMDL 500 | 500 | 17.5 | 425 | 15.0 | 1420 | 2 | 5.5 | 7.5 | 1035x565x805 | 128.0 |

| BOGE Model | Receiver volume<br>Litres | Flow capacity (Displacement) |     | Flow capacity (FAD as per EN ISO 1217 annex C) |     | Compressor speed<br>min <sup>-1</sup> | Number of cylinders | Motor |    | Dimensions<br>W x D x H<br>mm | Weight<br>kg |
|------------|---------------------------|------------------------------|-----|--|-----|---------------------------------------|---------------------|-------|----|-------------------------------|--------------|
|            |                           | l/min                        | cfm | l/min  | cfm |                                       |                     | kW    | HP |                               |              |

#### 10 bar standard

|           |     |      |      |     |      |      |   |     |     |               |     |
|-----------|-----|------|------|-----|------|------|---|-----|-----|---------------|-----|
| SBD 350-  | 270 | 350  | 12.5 | 260 | 9.5  | 1420 | 1 | 2.2 | 3.0 | 1000x405x 980 | 123 |
| SBD 500-  | 270 | 500  | 17.5 | 370 | 13.0 | 1420 | 1 | 3.2 | 4.5 | 1000x405x 980 | 123 |
| SBD 700-  | 270 | 700  | 25.0 | 515 | 18.5 | 1420 | 2 | 4.0 | 5.5 | 1470x600x1140 | 200 |
| SBD 1000- | 270 | 1000 | 35.5 | 730 | 26.0 | 1420 | 2 | 6.3 | 8.5 | 1470x600x1140 | 240 |

#### 10 bar super-silenced

|            |     |      |      |     |      |      |   |     |     |               |     |
|------------|-----|------|------|-----|------|------|---|-----|-----|---------------|-----|
| SBDL 350-  | 270 | 350  | 12.5 | 260 | 9.5  | 1420 | 1 | 3.2 | 4.5 | 1161x480x1135 | 170 |
| SBDL 500-  | 270 | 500  | 17.5 | 370 | 13.0 | 1420 | 1 | 3.2 | 4.5 | 1161x480x1135 | 170 |
| SBDL 700-  | 270 | 700  | 25.0 | 515 | 18.5 | 1420 | 2 | 5.5 | 7.5 | 1470x600x1385 | 255 |
| SBDL 1000- | 500 | 1000 | 35.5 | 730 | 26.0 | 1420 | 2 | 6.3 | 8.5 | 1845x700x1505 | 325 |

#### 15 bar standard

|           |     |     |      |     |      |      |   |     |     |               |     |
|-----------|-----|-----|------|-----|------|------|---|-----|-----|---------------|-----|
| SBMD 350- | 250 | 350 | 12.5 | 297 | 10.5 | 1420 | 2 | 3.2 | 4.5 | 1656x650x1125 | 200 |
| SBMD 500- | 350 | 500 | 17.5 | 425 | 15.0 | 1420 | 2 | 4.0 | 5.5 | 1610x700x1160 | 225 |

#### 15 bar super-silenced

|            |     |     |      |     |      |      |   |     |     |               |     |
|------------|-----|-----|------|-----|------|------|---|-----|-----|---------------|-----|
| SBMDL 350- | 250 | 350 | 12.5 | 297 | 10.5 | 1420 | 2 | 3.2 | 4.5 | 1656x650x1415 | 260 |
| SBMDL 500- | 350 | 500 | 17.5 | 425 | 15.0 | 1420 | 2 | 5.5 | 7.5 | 1770x700x1450 | 285 |

| BOGE Model | Receiver volume<br>Litres | Flow capacity (Displacement) |     | Flow capacity (FAD as per EN ISO 1217 annex C) |     | Compressor speed<br>min <sup>-1</sup> | Number of cylinders | Motor |    | Dimensions<br>W x D x H<br>mm | Weight<br>kg |
|------------|---------------------------|------------------------------|-----|--|-----|---------------------------------------|---------------------|-------|----|-------------------------------|--------------|
|            |                           | l/min                        | cfm | l/min  | cfm |                                       |                     | kW    | HP |                               |              |

#### 10 bar standard\*

|                |     |      |      |     |      |      |   |     |     |               |     |
|----------------|-----|------|------|-----|------|------|---|-----|-----|---------------|-----|
| SBD 350-...DB  | 270 | 350  | 12.5 | 260 | 9.5  | 1420 | 1 | 2.2 | 3.0 | 1735x605x1305 | 215 |
| SBD 500-...DB  | 270 | 500  | 17.5 | 370 | 13.0 | 1420 | 1 | 3.2 | 4.5 | 1735x605x1305 | 220 |
| SBD 700-...DB  | 270 | 700  | 25.0 | 515 | 18.5 | 1420 | 2 | 4.0 | 5.5 | 1735x605x1305 | 245 |
| SBD 1000-...DB | 500 | 1000 | 35.5 | 730 | 26.0 | 1420 | 2 | 6.3 | 8.5 | 1790x700x1405 | 340 |

#### 10 bar super-silenced\*

|                 |     |      |      |     |      |      |   |     |     |               |     |
|-----------------|-----|------|------|-----|------|------|---|-----|-----|---------------|-----|
| SBDL 350-...DB  | 270 | 350  | 12.5 | 260 | 9.5  | 1420 | 1 | 3.2 | 4.5 | 1795x605x1340 | 260 |
| SBDL 500-...DB  | 270 | 500  | 17.5 | 370 | 13.0 | 1420 | 1 | 3.2 | 4.5 | 1795x605x1340 | 265 |
| SBDL 700-...DB  | 270 | 700  | 25.0 | 515 | 18.5 | 1420 | 2 | 5.5 | 7.5 | 1795x605x1340 | 292 |
| SBDL 1000-...DB | 500 | 1000 | 35.5 | 730 | 26.0 | 1420 | 2 | 6.3 | 8.5 | 2105x700x1505 | 380 |

#### 15 bar standard\*

|                |     |     |      |     |      |      |   |     |     |               |     |
|----------------|-----|-----|------|-----|------|------|---|-----|-----|---------------|-----|
| SBMD 350-...DB | 350 | 350 | 12.5 | 297 | 10.5 | 1420 | 2 | 3.2 | 4.5 | 1800x660x1355 | 271 |
| SBMD 500-...DB | 350 | 500 | 17.5 | 425 | 15.0 | 1420 | 2 | 4.0 | 5.5 | 1800x660x1355 | 280 |

#### 15 bar super-silenced\*

|                 |     |     |      |     |      |      |   |     |     |               |     |
|-----------------|-----|-----|------|-----|------|------|---|-----|-----|---------------|-----|
| SBMDL 350-...DB | 350 | 350 | 12.5 | 297 | 10.5 | 1420 | 2 | 3.2 | 4.5 | 1935x660x1455 | 350 |
| SBMDL 500-...DB | 350 | 500 | 17.5 | 425 | 15.0 | 1420 | 2 | 5.5 | 7.5 | 1935x660x1455 | 350 |

\* Max. compressor pressure

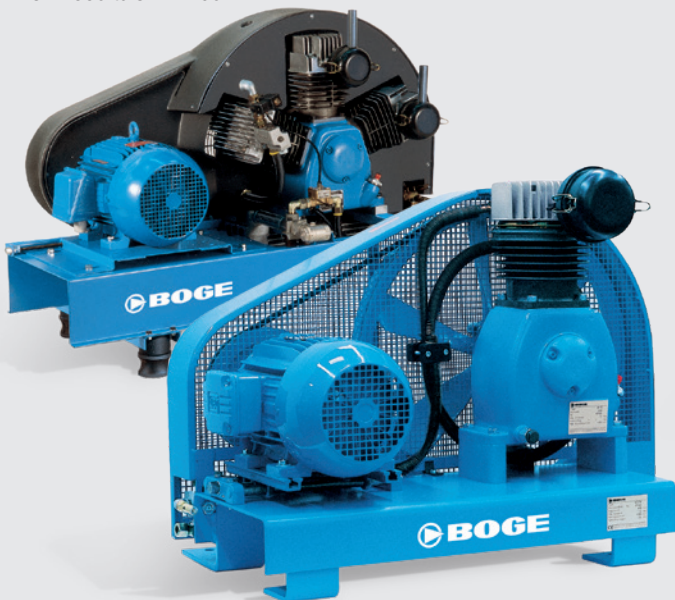
# Piston compressors **SR 270** to **SR 2600**

## Compressor unit **SB 270-** to **SB 2600-**



Effective free air delivery: 185 – 1913 l/min, 6.5 – 68 cfm  
 Maximum pressure: 10 – 35 bar, 150 – 515 psig  
 Rated power: 1.5 – 15 kW, 2 – 20 HP

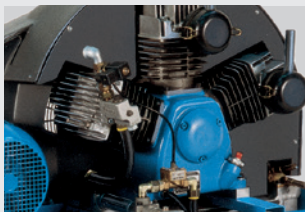
SR 710 to SR 2600  
 SRM 320 to SRM 2030  
 SRH 330 to SRH 1250



SR 270 to SR 475



SB 270- to SB 475-  
 SB 710- to SB 2600-  
 SBM 320- to SBM 2030-



### RELIABILITY

BOGE piston compressors work according to a proven principle that is characterised by reliability, efficiency and robustness. Designed for long-term performance, BOGE piston compressors ensure maximum operating reliability even in the most arduous conditions.

### HIGH QUALITY

Quality pays off: Since only top quality components are used in the manufacture of BOGE piston compressors you will benefit from a long service life and low maintenance costs – advantages you will enjoy indefinitely.

### BASE AND PEAK LOAD OPERATION

BOGE piston compressors can be used intermittently as base or peak load compressors, thus optimising compressed air supply with maximum efficiency.

### FLEXIBILITY

The modular design concept allows you to individually choose the type of compressor and the size of the receiver you require to meet your operating requirements.

**For those compressed air users who require higher pressures:**  
**SR and SB series piston compressors reliably and efficiently**  
**produce pressures up to 35 bar / 515 psig. A proven compression**  
**principle guarantees totally dependable compressed air supply**  
**for those applications requiring higher pressures.**

| BOGE Model                        | Flow capacity (Displacement) |      | Flow capacity (FAD as per EN ISO 1217 annex C) |      | Compressor speed min <sup>-1</sup> | Number of cylinders | Motor |      | Dimensions W x D x H mm | Weight kg |
|-----------------------------------|------------------------------|------|--|------|------------------------------------|---------------------|-------|------|-------------------------|-----------|
|                                   | l/min                        | cfm  | l/min  | cfm  |                                    |                     | kW    | HP   |                         |           |
| <b>10 bar / 150 psig standard</b> |                              |      |  |      |                                    |                     |       |      |                         |           |
| SR 270                            | 270                          | 9.5  | 185  | 6.5  | 650                                | 1                   | 1.5   | 2.0  | 910x410x620             | 120       |
| SR 370                            | 370                          | 13.0 | 260  | 9.0  | 900                                | 1                   | 2.2   | 3.0  | 910x410x620             | 120       |
| SR 475                            | 475                          | 17.0 | 340  | 12.0 | 1150                               | 1                   | 3.0   | 4.0  | 910x410x620             | 120       |
| SR 710                            | 710                          | 25.0 | 542  | 20.0 | 730                                | 2                   | 4.0   | 5.0  | 1300x740x890            | 180       |
| SR 970                            | 970                          | 35.0 | 734  | 26.0 | 1010                               | 2                   | 5.5   | 7.5  | 1300x740x890            | 200       |
| SR 1330                           | 1330                         | 47.0 | 1009   | 36.0 | 920                                | 3                   | 7.5   | 10.0 | 1300x740x900            | 215       |
| SR 2030                           | 2030                         | 72.0 | 1508   | 54.0 | 1050                               | 4                   | 11.0  | 15.0 | 1330x740x930            | 275       |
| SR 2600                           | 2600                         | 92.0 | 1913   | 68.0 | 1350                               | 4                   | 15.0  | 20.0 | 1330x740x930            | 285       |
| <b>15 bar / 220 psig standard</b> |                              |      |  |      |                                    |                     |       |      |                         |           |
| SRM 320                           | 320                          | 12.0 | 283  | 10.0 | 650                                | 2                   | 2.2   | 3.0  | 1330x700x890            | 160       |
| SRM 450                           | 450                          | 16.0 | 394  | 14.0 | 920                                | 2                   | 3.0   | 4.0  | 1330x700x890            | 175       |
| SRM 610                           | 610                          | 22.0 | 541  | 19.0 | 625                                | 3                   | 4.0   | 5.0  | 1300x740x900            | 200       |
| SRM 800                           | 800                          | 29.0 | 693  | 25.0 | 830                                | 3                   | 5.5   | 7.5  | 1300x740x900            | 220       |
| SRM 1100                          | 1100                         | 39.0 | 928  | 33.0 | 1130                               | 3                   | 7.5   | 10.0 | 1300x740x900            | 230       |
| SRM 1640                          | 1640                         | 58.0 | 1319   | 47.0 | 1130                               | 4                   | 11.0  | 15.0 | 1330x740x930            | 280       |
| SRM 2030                          | 2030                         | 72.0 | 1615   | 58.0 | 1400                               | 4                   | 15.0  | 20.0 | 1330x740x930            | 295       |
| <b>35 bar / 515 psig standard</b> |                              |      |  |      |                                    |                     |       |      |                         |           |
| SRH 330                           | 330                          | 12.0 | 272  | 10.0 | 680                                | 2                   | 3.0   | 4.0  | 1300x700x890            | 170       |
| SRH 460                           | 460                          | 17.0 | 373  | 13.0 | 950                                | 2                   | 4.0   | 5.0  | 1300x700x890            | 185       |
| SRH 660                           | 660                          | 24.0 | 509  | 18.0 | 680                                | 3                   | 5.5   | 7.5  | 1300x740x900            | 225       |
| SRH 940                           | 940                          | 33.0 | 706  | 25.0 | 970                                | 3                   | 7.5   | 10.0 | 1300x740x900            | 225       |
| SRH 1250                          | 1250                         | 45.0 | 942  | 33.0 | 1290                               | 3                   | 11.0  | 15.0 | 1300x740x900            | 260       |

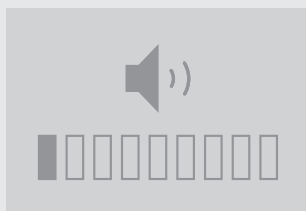
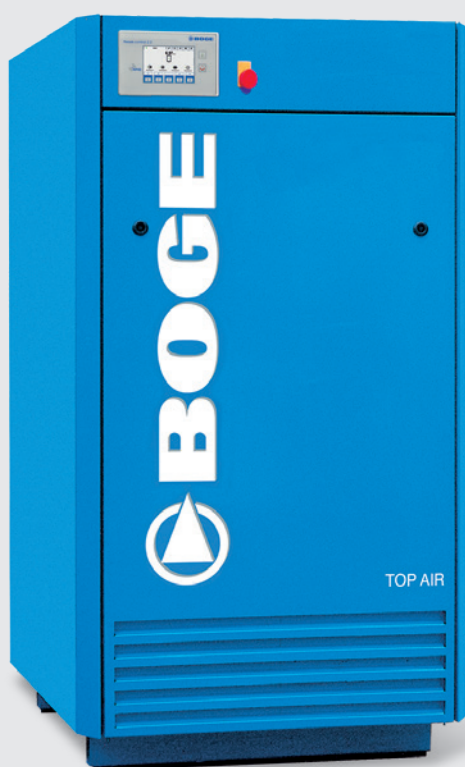
| BOGE Model                        | Receiver volume Litres | Flow capacity (Displacement) |      | Flow capacity (FAD as per EN ISO 1217 annex C) |      | Compressor speed min <sup>-1</sup> | Number of cylinders | Motor |      | Dimensions W x D x H mm | Weight kg |
|-----------------------------------|------------------------|------------------------------|------|--|------|------------------------------------|---------------------|-------|------|-------------------------|-----------|
|                                   |                        | l/min                        | cfm  | l/min  | cfm  |                                    |                     | kW    | HP   |                         |           |
| <b>10 bar / 150 psig standard</b> |                        |                              |      |  |      |                                    |                     |       |      |                         |           |
| SB 270-                           | 150                    | 270                          | 9.5  | 185  | 6.5  | 650                                | 1                   | 1.5   | 2.0  | 1540x480x1030           | 160       |
| SB 370-                           | 150                    | 370                          | 13.0 | 260  | 9.0  | 900                                | 1                   | 2.2   | 3.0  | 1540x480x1030           | 160       |
| SB 475-                           | 150                    | 475                          | 17.0 | 340  | 12.0 | 1150                               | 1                   | 3.0   | 4.0  | 1640x570x1160           | 210       |
| SB 710-                           | 350                    | 710                          | 25.0 | 542  | 20.0 | 730                                | 2                   | 4.0   | 5.0  | 1930x740x1470           | 305       |
| SB 970-                           | 350                    | 970                          | 35.0 | 734  | 26.0 | 1010                               | 2                   | 5.5   | 7.5  | 1930x740x1470           | 325       |
| SB 1330-                          | 500                    | 1330                         | 47.0 | 1009   | 36.0 | 920                                | 3                   | 7.5   | 10.0 | 1920x740x1530           | 380       |
| SB 2030-                          | 750                    | 2030                         | 72.0 | 1508   | 54.0 | 1050                               | 4                   | 11.0  | 15.0 | 2000x750x1720           | 510       |
| SB 2600-                          | 750                    | 2600                         | 92.0 | 1913   | 68.0 | 1350                               | 4                   | 15.0  | 20.0 | 2000x750x1720           | 520       |
| <b>15 bar / 220 psig standard</b> |                        |                              |      |  |      |                                    |                     |       |      |                         |           |
| SBM 320-                          | 350                    | 320                          | 12.0 | 283  | 10.0 | 650                                | 2                   | 2.2   | 3.0  | 1720x700x1440           | 280       |
| SBM 450-                          | 350                    | 450                          | 16.0 | 394  | 14.0 | 920                                | 2                   | 3.0   | 4.0  | 1720x700x1440           | 295       |
| SBM 610-                          | 350                    | 610                          | 22.0 | 541  | 19.0 | 625                                | 3                   | 4.0   | 5.0  | 1930x740x1470           | 360       |
| SBM 800-                          | 500                    | 800                          | 29.0 | 693  | 25.0 | 830                                | 3                   | 5.5   | 7.5  | 1920x740x1530           | 435       |
| SBM 1100-                         | 500                    | 1100                         | 39.0 | 928  | 33.0 | 1130                               | 3                   | 7.5   | 10.0 | 1920x740x1530           | 445       |
| SBM 1640-                         | 750                    | 1640                         | 58.0 | 1319   | 47.0 | 1130                               | 4                   | 11.0  | 15.0 | 2000x870x1720           | 575       |
| SBM 2030-                         | 750                    | 2030                         | 72.0 | 1615   | 58.0 | 1400                               | 4                   | 15.0  | 20.0 | 2000x870x1720           | 525       |

# TOP AIR

## Piston compressors **SC 3** to **SC 20**



Effective free air delivery: 283 – 1913 l/min, 10 – 68 cfm  
Maximum pressure: 10 and 15 bar, 150 and 220 psig  
Rated power: 2.2 – 15 kW, 3 – 20 HP



### MODULAR DESIGN

TOP AIR compressors offer a space saving solution thanks to a compact design. They are supplied ready for connection to the airline and electric power supply.

### SUPER SOUND INSULATION

The compressor is equipped with super sound insulation as standard – no additional footprint space is required.

### INTEGRATED SWITCH CABINET

An IP54 switch cabinet contains the compressor control with advanced pressure sensor technology as well as star delta starting – each compressor is completely pre-wired and ready for connection.

### CONTROL

The **focus** control 2.0 is the standard compressor control and provides numerous control and monitoring features.



**Intelligent and space saving piston compressor:** The TOP AIR compressor successfully combines the advantages of a piston compressor with the advanced features of a modern control and monitoring system. Intelligent monitoring controls both compressed air generation and treatment whilst at the same time ensures absolute operational efficiency. Comfortable and reliable operation in an unbeatable compact design!

| BOGE Model                   | Flow capacity (Displacement) |     | Flow capacity (FAD as per EN ISO 1217 annex C) |     | Compressor speed<br>min <sup>-1</sup> | Number of cylinders | Motor |      | Dimensions<br>W x D x H<br>approx. mm | Weight<br>approx. kg |
|------------------------------|------------------------------|-----|--|-----|---------------------------------------|---------------------|-------|------|---------------------------------------|----------------------|
|                              | l/min                        | cfm | l/min  | cfm |                                       |                     | kW    | HP   |                                       |                      |
| <b>10 bar super-silenced</b> |                              |     |  |     |                                       |                     |       |      |                                       |                      |
| SC 6                         | 710                          | 25  | 542  | 20  | 730                                   | 2                   | 4.0   | 5.5  | 830x1120x1570                         | 341                  |
| SC 8                         | 970                          | 35  | 734  | 26  | 1010                                  | 2                   | 5.5   | 7.5  | 830x1120x1570                         | 363                  |
| SC 10                        | 1330                         | 47  | 1009   | 36  | 920                                   | 3                   | 7.5   | 10.0 | 830x1120x1570                         | 389                  |
| SC 15                        | 2030                         | 72  | 1508   | 54  | 1050                                  | 4                   | 11.0  | 15.0 | 830x1120x1570                         | 453                  |
| SC 20                        | 2600                         | 92  | 1913   | 68  | 1350                                  | 4                   | 15.0  | 20.0 | 830x1120x1570                         | 463                  |
| <b>15 bar super-silenced</b> |                              |     |  |     |                                       |                     |       |      |                                       |                      |
| SC 3                         | 320                          | 12  | 283  | 10  | 650                                   | 2                   | 2.2   | 3.0  | 830x1120x1570                         | 337                  |
| SC 4                         | 450                          | 16  | 394  | 14  | 920                                   | 2                   | 3.0   | 4.0  | 830x1120x1570                         | 343                  |
| SC 6                         | 610                          | 22  | 541  | 19  | 625                                   | 3                   | 4.0   | 5.5  | 830x1120x1570                         | 368                  |
| SC 8                         | 800                          | 29  | 693  | 25  | 830                                   | 3                   | 5.5   | 7.5  | 830x1120x1570                         | 390                  |
| SC 10                        | 1100                         | 39  | 928  | 33  | 1130                                  | 3                   | 7.5   | 10.0 | 830x1120x1570                         | 397                  |
| SC 15                        | 1640                         | 58  | 1319   | 47  | 1130                                  | 4                   | 11.0  | 15.0 | 830x1120x1570                         | 463                  |
| SC 20                        | 2030                         | 72  | 1615   | 58  | 1400                                  | 4                   | 15.0  | 20.0 | 830x1120x1570                         | 473                  |

Emitted sound pressure levels from 60 dB(A) according to DIN EN ISO 2151:2009

# 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 optimise intake air quality. This serves to prevent damage in aggressive environments and maintains operational integrity.



### VENTILATION WITH CONDENSATE DRAIN

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

| BOGE Model                              | Flow capacity (Displacement) |     | Flow capacity at booster |     |        |     | Flow capacity (FAD as per DIN 1945) |     | Compressor speed min <sup>-1</sup> | Number of cylinders | Motor |      | Dimensions W x D x H approx. mm | Weight approx. kg |
|---|------------------------------|-----|--------------------------|-----|--------|-----|-------------------------------------|-----|------------------------------------|---------------------|-------|------|---------------------------------|-------------------|
|   | l/min                        | cfm | 5 bar                    |     | 10 bar |     | l/min                               | cfm |                                    |                     | kW    | HP   |                                 |                   |
|   |                              |     | l/min                    | cfm | l/min  | cfm |                                     |     |                                    |                     |       |      |                                 |                   |
| <b>15 bar / 220 psig standard</b>       |                              |     |                          |     |        |     |                                     |     |                                    |                     |       |      |                                 |                   |
| SRMV 390-5                              | 390                          | 14  | 2340                     | 83  | –      | –   | 2135                                | 75  | 920                                | 2                   | 5.5   | 7.5  | 1300x740x890                    | 210               |
| SRMV 510-5                              | 509                          | 17  | 3054                     | 108 | –      | –   | 2728                                | 96  | 1200                               | 2                   | 7.5   | 10.0 | 1300x740x890                    | 215               |
| SRMV 720-5                              | 719                          | 25  | 4314                     | 152 | –      | –   | 3766                                | 133 | 1130                               | 3                   | 11.0  | 15.0 | 1300x740x874                    | 260               |
| SRMV 920-5                              | 919                          | 32  | 5514                     | 195 | –      | –   | 4901                                | 173 | 830                                | 4                   | 15.0  | 20.0 | 1350x740x960                    | 330               |
| SRMV 390-10                             | 390                          | 14  | –                        | –   | 4290   | 151 | 4155                                | 147 | 920                                | 2                   | 5.5   | 7.5  | 1300x740x890                    | 210               |
| SRMV 570-10                             | 564                          | 20  | –                        | –   | 6204   | 219 | 5586                                | 197 | 1330                               | 2                   | 7.5   | 10.0 | 1300x740x890                    | 215               |
| SRMV 720-10                             | 719                          | 25  | –                        | –   | 7909   | 279 | 7320                                | 258 | 1130                               | 3                   | 11.0  | 15.0 | 1300x740x874                    | 260               |
| <b>40 bar / 600 psig super-silenced</b> |                              |     |                          |     |        |     |                                     |     |                                    |                     |       |      |                                 |                   |
| SRHV 200-5                              | 205                          | 7   | 1230                     | 44  | –      | –   | 937                                 | 33  | 830                                | 2                   | 5.5   | 7.5  | 1300x740x890                    | 240               |
| SRHV 250-5                              | 248                          | 9   | 1488                     | 53  | –      | –   | 1150                                | 41  | 1010                               | 2                   | 7.5   | 10.0 | 1300x740x890                    | 215               |
| SRHV 450-5                              | 443                          | 16  | 2658                     | 94  | –      | –   | 2117                                | 75  | 1200                               | 3                   | 11.0  | 15.0 | 1300x740x874                    | 260               |
| SRHV 540-5                              | 535                          | 19  | 3210                     | 113 | –      | –   | 2573                                | 91  | 1450                               | 3                   | 15.0  | 20.0 | 1300x740x874                    | 270               |
| SRHV 170-10                             | 170                          | 6   | –                        | –   | 1870   | 66  | 1575                                | 56  | 695                                | 2                   | 7.5   | 10.0 | 1300x740x890                    | 245               |
| SRHV 280-10                             | 278                          | 10  | –                        | –   | 3058   | 108 | 2680                                | 94  | 1130                               | 2                   | 11.0  | 15.0 | 1300x740x890                    | 250               |
| SRHV 420-10                             | 417                          | 15  | –                        | –   | 4587   | 162 | 3976                                | 140 | 1130                               | 3                   | 15.0  | 20.0 | 1300x740x874                    | 270               |
| SRHV 470-10                             | 469                          | 17  | –                        | –   | 5159   | 182 | 4559                                | 164 | 1270                               | 3                   | 18.5  | 25.0 | 1300x740x874                    | 250               |

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**B**est  
**O**f  
**G**erman  
**E**ngineering

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

