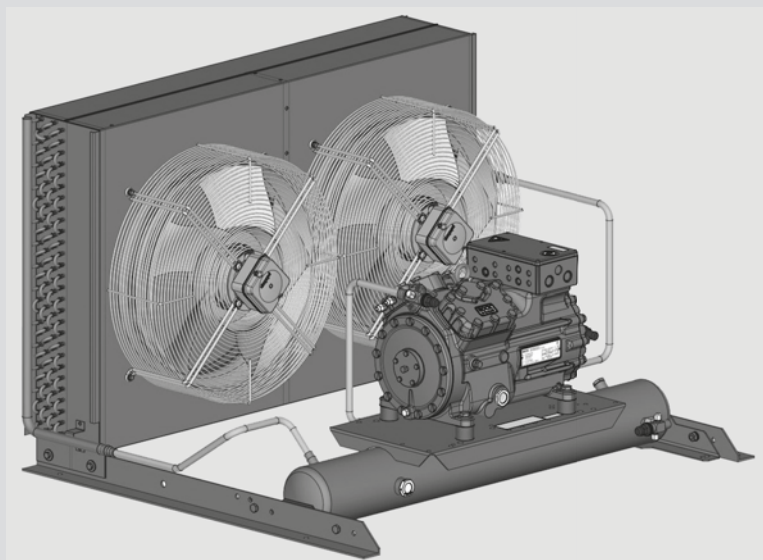




BOCK Condensing Units

Assembly instructions

09600-06.2023-Gb

Translation of the original instructions

SHA(X)22e...L

SHA(X)34e...L

SHA(X)44e...L

SHGZ(X)7...L

SHG(X)12P...L

SHG(X)22e...L

SHG(X)34e...L

SHG(X)44e...L

SHG(X)56e...L

SHG(X)66e...L

BOCK®

colour the world
of tomorrow

About these instructions

Read these instructions before assembly and before using the condensing unit. This will avoid misunderstandings and prevent damage. Improper assembly and use can result in serious or fatal injury. Observe the safety instructions contained in these instructions and in the compressor instructions. These instructions must be passed onto the end customer along with the unit in which the condensing unit is installed.

Observe also the other documentation included with the condensing unit.

Manufacturer

Bock GmbH
72636 Frickenhausen

Contact

Bock GmbH
Benzstraße 7
72636 Frickenhausen
Germany

GB

Phone +49 7022 9454-0
Fax +49 7022 9454-137
www.bock.de
service@bock.de

Contents

Page

1	Safety	4
1.1	Identification of safety instructions	
1.2	Qualifications required of personnel	
1.3	Safety instructions	
1.4	Intended use	
2	Product description	6
2.1	Short description	
2.2	Name plate	
2.3	Type key	
3	Areas of application	8
3.1	Operating limits	
4	Assembly	8
4.1	Setting up	
5	Maintenance	9
5.1	Preparation	
5.2	Work to be carried out	
6	Technical data	10
7	Dimensions and connections	13
8	Service	18

GB

Note:

According to Commission Regulation (EU) 2015/1095 of May 5th 2015 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for professional condensing units, starting 2016 July 1st in the EU only products may be sold which fulfill minimum efficiency requirements. These minimum efficiency requirements must be documented by a certificate.

The matching certificate for your condensing unit can be created on the Internet on our software (VAP) under <http://vap.bock.de/stationaryapplication/>

1 | Safety

1.1 Identification of safety instructions:



DANGER

Indicates a dangerous situation which, if not avoided, will cause immediate fatal or serious injury.



WARNING

Indicates a dangerous situation which, if not avoided, may cause fatal or serious injury.



CAUTION

Indicates a dangerous situation which, if not avoided, may cause fairly severe or minor injury.



ATTENTION

Indicates a situation which, if not avoided, may cause property damage.



INFO

Important information or tips on simplifying work.

GB

1.2 Qualifications required of personnel



WARNING

Inadequately qualified personnel poses the risk of accidents, the consequence being serious or fatal injury. Work on compressors is therefore reserved for personnel which is qualified to work on pressurized refrigerant systems:

- For example, a refrigeration technician, refrigeration mechatronic engineer. As well as professions with comparable training, which enables personnel to assemble, install, maintain and repair refrigeration and air-conditioning systems. Personnel must be capable of assessing the work to be carried out and recognising any potential dangers.

1 | Safety

1.3 Safety instructions



WARNING

Risk of accidents.

Refrigerating compressors are pressurised machines and as such call for heightened caution and care in handling.

The maximum permissible overpressure must not be exceeded, even for testing purposes.

Risk of burns!

- Depending on the operating conditions, surface temperatures of over 60°C on the discharge side or below 0°C on the suction side can be reached.
- Avoid contact with refrigerant necessarily.
Contact with refrigerant can cause severe burns and skin damage.

1.4 Intended use



WARNING

The condensing unit may not be used in potentially explosive environments!

GB

These assembly instructions describe the standard version of the condensing units named in the title manufactured by Bock. The condensing unit is intended for installation in a machine (within the EU according to the EU Directives 2006/42/EC Machinery Directive, 2014/68/EU Pressure Equipment Directive).

Commissioning is permissible only if the condensing unit has been installed in accordance with these assembly instructions and the entire system into which it is integrated has been inspected and approved in accordance with legal regulations.

Only refrigerants may be used which are released on

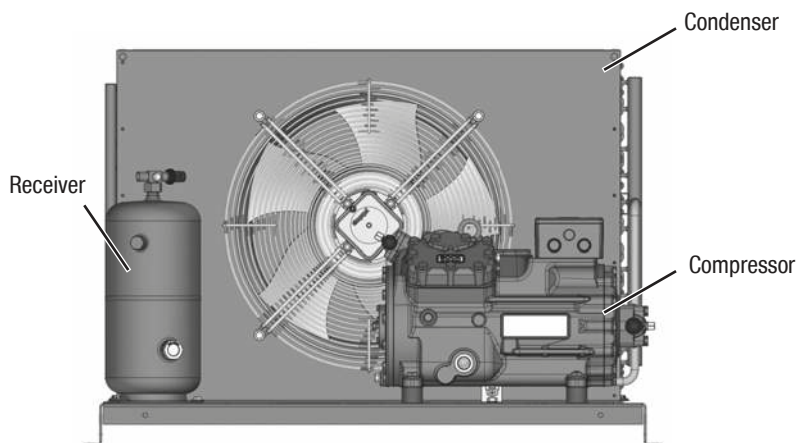
<http://vap.bock.de/stationaryapplication/>

Any other use of the condensing unit is prohibited!

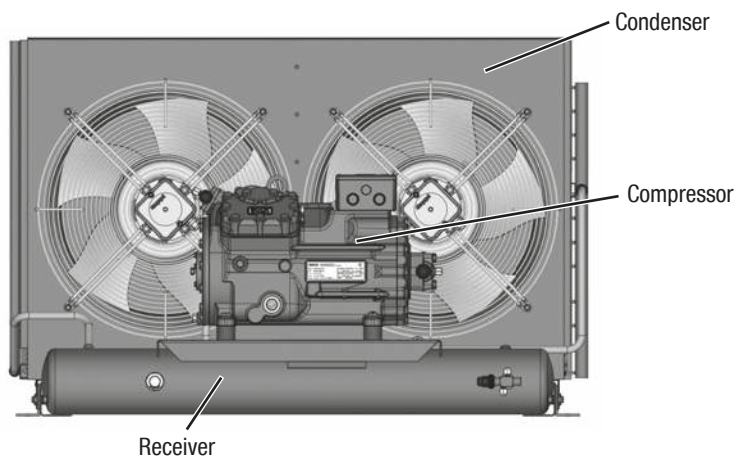
2 | Product description

2.1 Short description

Condensing unit with vertical receiver



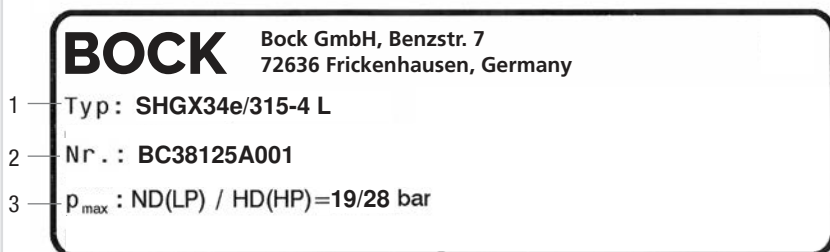
Condensing unit with horizontal receiver



Dimension and connection values can be found in Chapter 7

2 | Product description

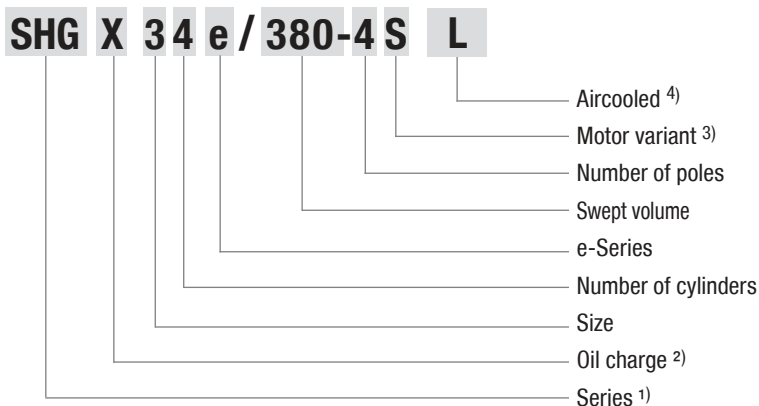
2.2 Name plate (example)



- 1 Type designation
- 2 Machine number
- 3 ND (LP): Max. admissible operating pressure suction side
HD (HP): Max. admissible operating pressure high-pressure side

2.3 Type key (example)

GB



- ¹⁾ HG - Hermetic Gas-Cooled (suction gas-cooled)
- ²⁾ X - Ester oil charge
- ³⁾ S - Stronger motor
- ⁴⁾ L = Aircooled condensing unit

3 | Areas of application

3.1 Operating limits

- The operating limits of the condensing units differ to the respective compressor.
The really operating limits can be found on the Internet on our software (VAP) under **vap.bock.de**.

4 | Assembly

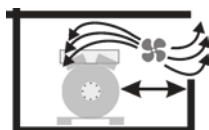


INFO

- New compressors are factory-filled with inert gas. Leave this service charge in the compressor for as long as possible and prevent the ingress of air.
- Immediately after connecting the Plusbox to the refrigeration system, close the shut-off valves in the suction, discharge lines etc. and evacuate the compressor.
- Check the condensing unit for transport damage before starting any work.



- Do not lift manually
- Use lifting gear
- Transport preferably via forklift truck, alternatively bolted to a pallet

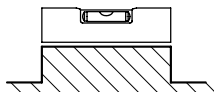


- Provide adequate clearance for maintenance work.
- Distance from wall to condenser minimum 300 mm.



- Do not use in a dusty, damp atmosphere or a combustible environment.

4 | Assembly



- Set up on an even surface or frame with sufficient load-bearing capacity. Only set up on a slant after following consulting.
- Preferably on vibration damper or mounting rubbers.



- Sun protection: If the condensing unit is set up outdoors, it has to be protected from direct sunlight.

GB

5 | Maintenance

5.1 Preparation



WARNING

Before starting any work on the compressor:

- Switch off the compressor and secure it to prevent a restart.
- Relieve compressor of system pressure.
- Prevent air from infiltrating the system!

After maintenance has been performed:

- Connect safety switch.
- Evacuate compressor.
- Release switch-on lock.

5.2 Work to be carried out

To avoid system-related problems, the following service work must be carried out on the Plusbox:

- Cleaning: A dirty condenser leads to performance losses!
Visual inspections and possible condenser cleaning therefore required on a monthly base.
We recommend using compressed air and a soft brush for cleaning.
- Further maintenance work in accordance with the instructions for assembly on the compressor.

6 | Technical Data

Type	Fan / Condenser (230 V - 1 - 50 Hz)			Receiver capacity	Weight
	Max. working current 50 Hz	Max. power consumption 50 Hz	Air flow 50 Hz		
	A	W	m³/h	Ltr.	kg
SHG12P/60-4 SL	2,60	550	6300	6,0	115
SHG12P/75-4 L	2,60	550	6300	6,0	114
SHG12P/75-4 SL	2,60	550	6300	6,0	115
SHG12P/90-4 L	2,60	550	6300	6,0	115
SHG12P/90-4 SL	2,60	550	6300	6,0	115
SHG12P/110-4 L	2,60	550	6300	6,0	115
SHG12P/110-4 SL	2,60	550	6300	6,0	115
SHG22e/125-4 L	2,60	550	6300	6,0	140
SHG22e/125-4 SL	2,60	550	6300	6,0	140
SHG22e/160-4 L	2,60	550	6300	6,0	140
SHG22e/160-4 SL	2,60	550	6300	6,0	142
SHG22e/190-4 L	2,60	550	5900	8,0	149
SHG22e/190-4 SL	2,60	550	5900	8,0	151
SHG34e/215-4 L	2,60	550	5900	8,0	167
SHG34e/215-4 SL	2,60	550	5900	10,0	174
SHG34e/255-4 L	2,60	550	5900	8,0	166
SHG34e/255-4 SL	2,60	550	5900	10,0	174
SHG34e/315-4 L	2,60	550	5900	8,0	169
SHG34e/315-4 SL	2 x 2,60	2 x 550	9700	14,0	182
SHG34e/380-4 L	2 x 2,60	2 x 550	9700	14,0	179
SHG34e/380-4 SL	2 x 2,60	2 x 550	10400	14,0	210
SHG44e/475-4 L	2 x 2,60	2 x 550	10400	14,0	257
SHG44e/475-4 SL	4 x 2,60	4 x 550	19700	14,0	317

GB

09600-06.2023-DGbF

6 | Technical Data

Type	Fan / Condenser (230 V - 1- 50 Hz)			Receiver capacity	Weight
	Max. working current 50 Hz	Max. power consumption 50 Hz	Air flow 50 Hz		
	A	W	m³/h		
SHG44e/565-4 L	2 x 2,60	2 x 550	10400	14,0	281
SHG44e/565-4 SL	4 x 2,60	4 x 550	18600	23,0	330
SHG44e/665-4 L	4 x 2,60	4 x 550	19700	23,0	326
SHG44e/665-4 SL	4 x 2,60	4 x 550	18600	23,0	328
SHG44e/770-4 L	4 x 2,60	4 x 550	18600	23,0	329
SHG44e/770-4 SL	4 x 2,60	4 x 550	21200	35,0	346
SHG56e/850-4 L	4 x 2,60	4 x 550	18600	23,0	352
SHG56e/850-4 SL	4 x 2,60	4 x 550	21200	35,0	386
SHG56e/995-4 L	4 x 2,60	4 x 550	21200	23,0	376
SHG56e/995-4 SL	4 x 2,60	4 x 550	21200	35,0	388
SHG56e/1155-4 L	4 x 2,60	4 x 550	21200	23,0	381
SHG56e/1155-4 SL	4 x 2,60	4 x 550	20000	35,0	407
SHG66e/1340-4 L	4 x 2,60	4 x 550	21200	23,0	452
SHG66e/1340-4 SL	4 x 2,60	4 x 550	20000	35,0	474
SHG66e/1540-4 L	4 x 2,60	4 x 550	20000	35,0	555
SHG66e/1750-4 L	4 x 2,60	4 x 550	20000	35,0	557
SHG66e/2070-4 L	4 x 2,60	4 x 550	20000	35,0	551
SHGZ7/1620-4 L	4 x 2,60	4 x 550	20000	35,0	499
SHGZ7/1860-4 L	4 x 2,60	4 x 550	20000	35,0	496
SHGZ7/2110-4 L	4 x 2,60	4 x 550	20000	35,0	494

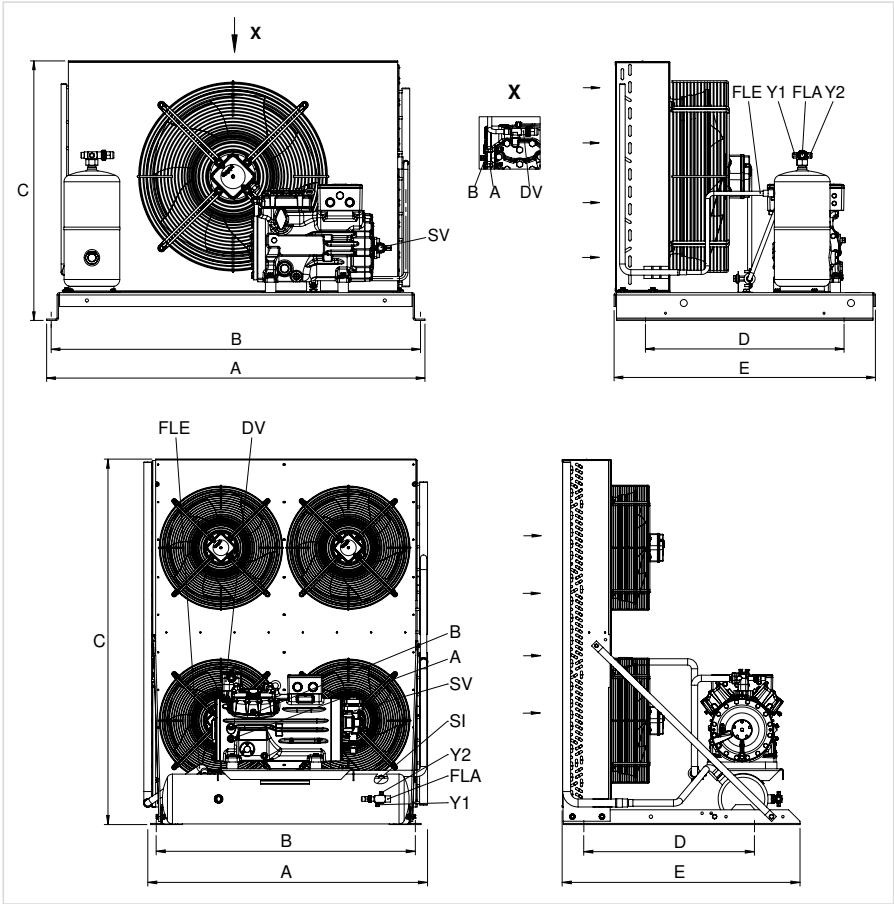
GB

6 | Technical Data

Type	Fan / Condenser (230 V - 1- 50 Hz)			Receiver capacity	Weight
	Max. working current 50 Hz	Max. power consumption 50 Hz	Air flow 50 Hz		
	A	W	m³/h		
SHA22e/125-4 L	2,60	550	6300	6,0	142
SHA22e/160-4 L	2,60	550	6300	6,0	144
SHA22e/190-4 L	2,60	550	5900	8,0	152
SHA34e/215-4 L	2,60	550	5900	8,0	170
SHA34e/255-4 L	2,60	550	5900	8,0	169
SHA34e/315-4 L	2,60	550	5900	8,0	172
SHA34e/380-4 L	2 x 2,60	2 x 550	9700	14,0	181
SHA44e/475-4 L	2 x 2,60	2 x 550	10400	14,0	266
SHA44e/565-4 L	2 x 2,60	2 x 550	10400	14,0	270
SHA44e/655-4 L	4 x 2,60	4 x 550	19700	23,0	325

GB

7 | Dimensions and connections



GB

SHG	Dimensions				
	A	B	C	D	E
Type	mm				
SHG12P/60-4 SL	1086	1060	745	570	750
SHG12P/75-4 L	1086	1060	745	570	750
SHG12P/75-4 SL	1086	1060	745	570	750
SHG12P/90-4 L	1086	1060	745	570	750
SHG12P/90-4 SL	1086	1060	745	570	750
SHG12P/110-4 L	1086	1060	745	570	750
SHG12P/110-4 SL	1086	1060	745	570	750
SHG22e/125-4 L	1086	1060	745	570	750
SHG22e/125-4 SL	1086	1060	745	570	750

7 | Dimensions

SHG / SHGZ	Dimensions				
	A	B	C	D	E
	mm				
Type					
SHG22e/160-4 L	1086	1060	745	570	750
SHG22e/160-4 SL	1086	1060	745	570	750
SHG22e/190-4 L	1086	1060	746	570	750
SHG22e/190-4 SL	1086	1060	746	570	750
SHG34e/215-4 L	1086	1060	746	570	750
SHG34e/215-4 SL	1086	1060	746	570	750
SHG34e/255-4 L	1086	1060	746	570	750
SHG34e/255-4 SL	1086	1060	746	570	750
SHG34e/315-4 L	1086	1060	746	570	750
SHG34e/315-4 SL	1208	1140	696	750	1043
SHG34e/380-4 L	1208	1140	696	750	1043
SHG34e/380-4 SL	1224	1140	796	750	1043
SHG44e/475-4 L	1224	1140	796	750	1043
SHG44e/475-4 SL	1249	1140	1306	750	1043
SHG44e/565-4 L	1224	1140	796	750	1043
SHG44e/565-4 SL	1249	1140	1306	750	1046
SHG44e/665-4 L	1249	1140	1306	750	1046
SHG44e/665-4 SL	1249	1140	1306	750	1046
SHG44e/770-4 L	1249	1140	1306	750	1046
SHG44e/770-4 SL	1249	1140	1606	750	1046
SHG56e/850-4 L	1251	1140	1306	750	1044
SHG56e/850-4 SL	1251	1140	1606	750	1044
SHG56e/995-4 L	1251	1140	1606	750	1044
SHG56e/995-4 SL	1251	1140	1606	750	1044
SHG56e/1155-4 L	1251	1140	1606	750	1044
SHG56e/1155-4 SL	1251	1140	1606	750	1044
SHG66e/1340-4 L	1251	1140	1606	750	1075
SHG66e/1340-4 SL	1251	1140	1606	750	1075
SHG66e/1540-4 L	1251	1140	1606	750	1075
SHG66e/1750-4 L	1251	1140	1606	750	1075
SHG66e/2070-4 L	1251	1140	1606	750	1075
SHGZ7/1620-4 L	1251	1140	1606	750	1225
SHGZ7/1860-4 L	1251	1140	1606	750	1225
SHGZ7/2110-4 L	1251	1140	1606	750	1225

GB

09600-06.2023-DGbF

7 | Dimensions

SHA	Dimensions				
	A	B	C	D	E
Type	mm				
SHA22e/125-4 L	1086	1060	745	570	773
SHA22e/160-4 L	1086	1060	745	570	773
SHA22e/190-4 L	1086	1060	746	570	773
SHA34e/215-4 L	1086	1060	746	570	756
SHA34e/255-4 L	1086	1060	746	570	756
SHA34e/315-4 L	1086	1060	746	570	756
SHA34e/380-4 L	1208	1140	696	750	1043
SHA44e/475-4 L	1224	1140	796	750	1043
SHA44e/565-4 L	1224	1140	796	750	1043
SHA44e/655-4 L	1243	1140	1306	750	1043

7 | Connections

SHG	Connections ①				
	SV	FLA	SI	Y1	Y2
	mm Inch	mm Inch	Inch	Inch	Inch
SHG12P/60-4 SL	16 / $\frac{5}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG12P/75-4 L	16 / $\frac{5}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG12P/75-4 SL	16 / $\frac{5}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG12P/90-4 L	16 / $\frac{5}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG12P/90-4 SL	16 / $\frac{5}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG12P/110-4 L	16 / $\frac{5}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG12P/110-4 SL	16 / $\frac{5}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG22e/125-4 L	22 / $\frac{7}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG22e/125-4 SL	22 / $\frac{7}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG22e/160-4 L	22 / $\frac{7}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG22e/160-4 SL	22 / $\frac{7}{8}$	12 / $\frac{1}{2}$	-	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG22e/190-4 L	22 / $\frac{7}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG22e/190-4 SL	22 / $\frac{7}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG34e/215-4 L	28 / $1\frac{1}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG34e/215-4 SL	28 / $1\frac{1}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG34e/255-4 L	28 / $1\frac{1}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG34e/255-4 SL	28 / $1\frac{1}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG34e/315-4 L	28 / $1\frac{1}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG34e/315-4 SL	28 / $1\frac{1}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG34e/380-4 L	28 / $1\frac{1}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG34e/380-4 SL	28 / $1\frac{1}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG44e/475-4 L	35 / $1\frac{3}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG44e/475-4 SL	35 / $1\frac{3}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG44e/565-4 L	35 / $1\frac{3}{8}$	16 / $\frac{5}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG44e/565-4 SL	42 / $1\frac{5}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG44e/665-4 L	42 / $1\frac{5}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG44e/665-4 SL	42 / $1\frac{5}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG44e/770-4 L	42 / $1\frac{5}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG44e/770-4 SL	42 / $1\frac{5}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG56e/850-4 L	54 / $2\frac{1}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG56e/850-4 SL	54 / $2\frac{1}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG56e/995-4 L	54 / $2\frac{1}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG56e/995-4 SL	54 / $2\frac{1}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG56e/1155-4 L	54 / $2\frac{1}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF
SHG56e/1155-4 SL	54 / $2\frac{1}{8}$	22 / $\frac{7}{8}$	$\frac{1}{2}$ NPTF	$\frac{7}{16}$ UNF	$\frac{7}{16}$ UNF

GB

09600-06.2023-DGbF

7 | Connections

SHG SHGZ SHA Type	Connections 1				
	SV	FLA	SI	Y1	Y2
	mm Inch	mm Inch	Inch	Inch	Inch
SHG66e/1340-4 L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG66e/1340-4 SL	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG66e/1540-4 L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG66e/1750-4 L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG66e/2070-4 L	64 / 2 5/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHGZ7/1620-4 R...L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHGZ7/1860-4 R...L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHGZ7/2110-4 R...L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHA22e/125-4 L	16 / 5/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHA22e/160-4 L	16 / 5/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHA22e/190-4 L	16 / 5/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHA34e/215-4 L	22 / 7/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHA34e/255-4 L	22 / 7/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHA34e/315-4 L	22 / 7/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHA34e/380-4 L	22 / 7/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHA44e/475-4 L	35 / 1 3/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHA44e/565-4 L	35 / 1 3/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHA44e/655-4 L	35 / 1 3/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF

SV = Suction line shut off valve

FLA = Liquid outlet

SI = Connection safety valve

Y1 = Connection liquid side, lockable

Y2 = Connection liquid side, not lockable

① Further compressor connections can be found in the assembly instructions of the compressor.

GB

8 | Service

Dear customer,

if you have any questions about installation, operation and accessories, please contact our technical service or specialist wholesaler and/or our representative. The Bock service team can be contacted by phone, **+49 (0)7022 9454-0** or via **service@bock.de**

Yours faithfully Bock GmbH



BOCK[®]

Bock GmbH

Benzstraße 7

72636 Frickenhausen

Germany

Phone +49 7022 9454-0

Fax +49 7022 9454-137

www.bock.de