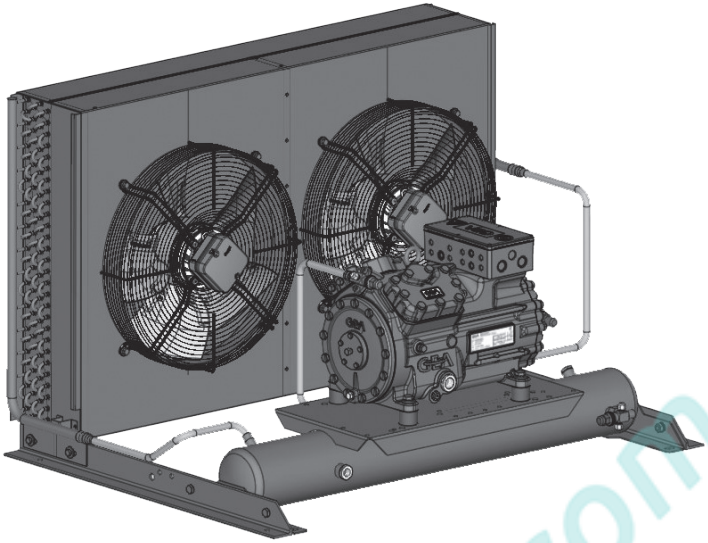

GEA Bock Condensing Units

Assembly instructions

09600-05.2018-Gb

Translation of the original instructions

SHA(X)12P...L
SHA(X)22e...L
SHA(X)34e...L
SHA(X)4...L
SHA(X)44e...L
SHG(X)12P...L
SHG(X)22e...L
SHG(X)34e...L
SHG(X)44e...L
SHG(X)5...L
SHG(X)56e...L
SHG(X)6...L
SHGZ(X)7...L

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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

GEA Bock GmbH
72636 Frickenhausen

Contact

GEA Bock GmbH
Benzstraße 7
72636 Frickenhausen
Germany

Telefon +49 7022 9454-0
Telefax +49 7022 9454-137
info@gea.com
www.gea.com

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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.gea.com/stationaryapplication/**

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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.

1.3 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!**

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These assembly instructions describe the standard version of the condensing units named in the title manufactured by GEA. 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

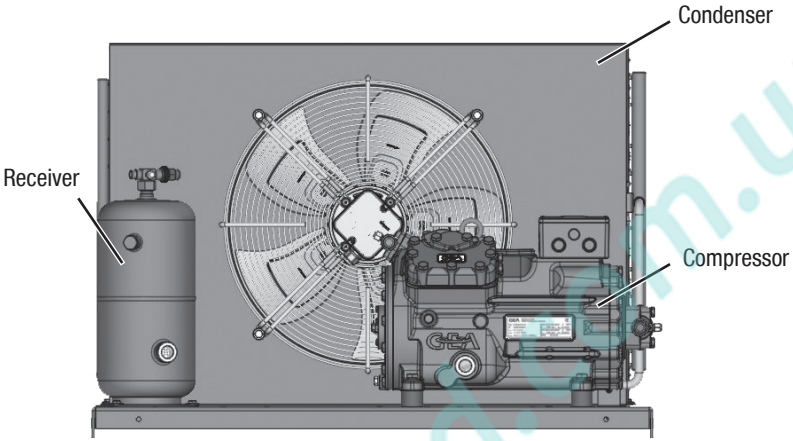
http://vap.gea.com/stationaryapplication/

Any other use of the condensing unit is prohibited!

2 | Product description

2.1 Short description

Condensing unit with vertical receiver



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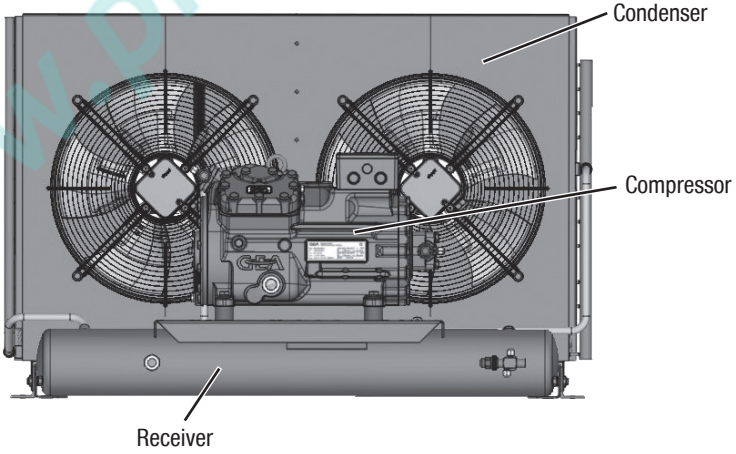
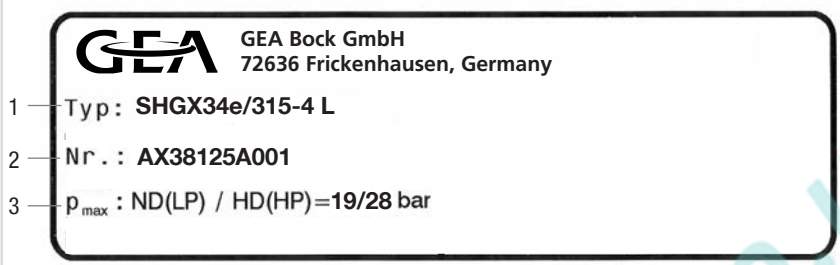
Condensing unit with horizontal receiver



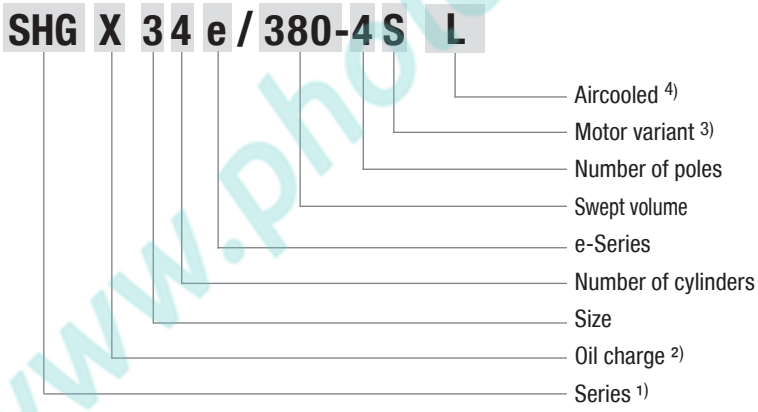
Dimension and connection values can be found in Chapter 7

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)



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

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3 | Areas of application

3.1 Areas of application

- 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.gea.com.**

4 | Assembly

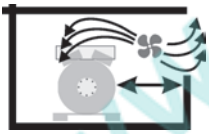
INFO

- **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 condensingn unit for transport damage before starting any work.**

GB

4.1 Setting up

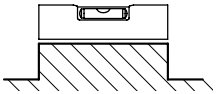
- Do not lift manually
- Use lifting gear
- Transport preferably via forklift truck, alternatively bolted to a pallet



- 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.

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	1.22	280	3550	6.0	88
SHG12P/75-4 L	1.22	280	3550	6.0	88
SHG12P/75-4 SL	1.22	280	3550	6.0	91
SHG12P/90-4 L	1.22	280	3550	6.0	91
SHG12P/90-4 SL	1.22	280	3550	6.0	94
SHG12P/110-4 L	1.22	280	3550	6.0	94
SHG12P/110-4 SL	1.22	280	3550	6.0	94
SHG22e/125-4 L	1.22	280	3550	6.0	122
SHG22e/125-4 SL	1.22	280	3410	6.0	126
SHG22e/160-4 L	1.22	280	3410	6.0	126
SHG22e/160-4 SL	1.22	280	3410	6.0	128
SHG22e/190-4 L	2.50	580	5950	8.0	149
SHG22e/190-4 SL	2.50	580	5950	8.0	150
SHG34e/215-4 L	2.50	580	5950	8.0	167
SHG34e/215-4 SL	2.50	580	5950	10.0	174
SHG34e/255-4 L	2.50	580	5950	8.0	166
SHG34e/255-4 SL	2.50	580	5950	10.0	173
SHG34e/315-4 L	2.50	580	5950	8.0	169
SHG34e/315-4 SL	2 x 2.50	2 x 500	8740	14.0	180
SHG34e/380-4 L	2 x 2.50	2 x 500	8740	14.0	176
SHG34e/380-4 SL	2 x 2.50	2 x 500	9490	14.0	185

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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
SHG44e/475-4 L	2 x 2.50	2 x 500	9490	14.0	256
SHG44e/475-4 SL	4 x 2.50	4 x 500	16280	14.0	312
SHG44e/565-4 L	2 x 2.50	2 x 500	9490	14.0	256
SHG44e/565-4 SL	4 x 2.50	4 x 500	14880	23.0	329
SHG44e/665-4 L	4 x 2.50	4 x 500	16280	23.0	321
SHG44e/665-4 SL	4 x 2.50	4 x 500	14880	23.0	327
SHG44e/770-4 L	4 x 3.00	4 x 680	23850	23.0	328
SHG44e/770-4 SL	4 x 3.00	4 x 680	23850	35.0	351
SHG5/830-4 L	4 x 2.50	4 x 500	14880	23.0	356
SHG5/830-4 SL	4 x 3.00	4 x 680	23850	35.0	385
SHG5/945-4 L	4 x 2.50	4 x 500	14880	23.0	360
SHG5/945-4 SL	4 x 3.00	4 x 680	23850	35.0	386
SHG56e/850-4 L	4 x 2.50	4 x 500	14880	23.0	357
SHG56e/850-4 SL	4 x 3.00	4 x 680	23850	35.0	395
SHG56e/995-4 L	4 x 3.00	4 x 680	23850	23.0	385
SHG56e/995-4 SL	4 x 3.00	4 x 680	23850	35.0	394
SHG56e/1155-4 L	4 x 3.00	4 x 680	23850	23.0	388
SHG56e/1155-4 SL	4 x 3.00	4 x 680	21210	35.0	402
SHG6/1080-4 L	4 x 3.00	4 x 680	23850	23.0	393
SHG6/1080-4 SL	4 x 3.00	4 x 680	23850	35.0	406
SHG6/1240-4 L	4 x 3.00	4 x 680	23850	23.0	398
SHG6/1240-4 SL	4 x 3.00	4 x 680	21210	35.0	407

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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	Liter	kg
SHG6/1410-4 L	4 x 3.00	4 x 680	23850	23.0	396
SHG6/1410-4 SL	4 x 3.00	4 x 680	21210	35.0	405
SHGZ7/1620-4 L	4 x 3.00	4 x 680	21210	35.0	489
SHGZ7/1860-4 L	4 x 3.00	4 x 680	21210	35.0	486
SHGZ7/2110-4 L	4 x 3.00	4 x 680	21210	35.0	486
SHA12P/60-4 L	1.22	280	3550	6.0	92
SHA12P/75-4 L	1.22	280	3550	6.0	93
SHA12P/90-4 L	1.22	280	3550	6.0	95
SHA12P/110-4 L	1.22	280	3550	6.0	98
SHA22e/125-4 L	1.22	280	3550	6.0	124
SHA22e/160-4 L	1.22	280	3270	6.0	130
SHA22e/190-4 L	2.50	580	5950	8.0	151
SHA34e/215-4 L	2.50	580	5950	8.0	169
SHA34e/255-4 L	2.50	580	5950	8.0	169
SHA34e/315-4 L	2.50	580	5950	8.0	172
SHA34e/380-4 L	2 x 2.50	2 x 500	8740	14.0	178
SHA4/465-4 L	2 x 2.50	2 x 500	9490	14.0	245
SHA4/555-4 L	2 x 2.50	2 x 500	9490	14.0	246
SHA4/650-4 L	4 x 2.50	4 x 500	16280	23.0	307
SHA44e/475-4 L	2 x 2.50	2 x 500	9490	14.0	264
SHA44e/565-4 L	2 x 2.50	2 x 500	9490	14.0	269
SHA44e/655-4 L	4 x 2.50	4 x 500	16280	23.0	320

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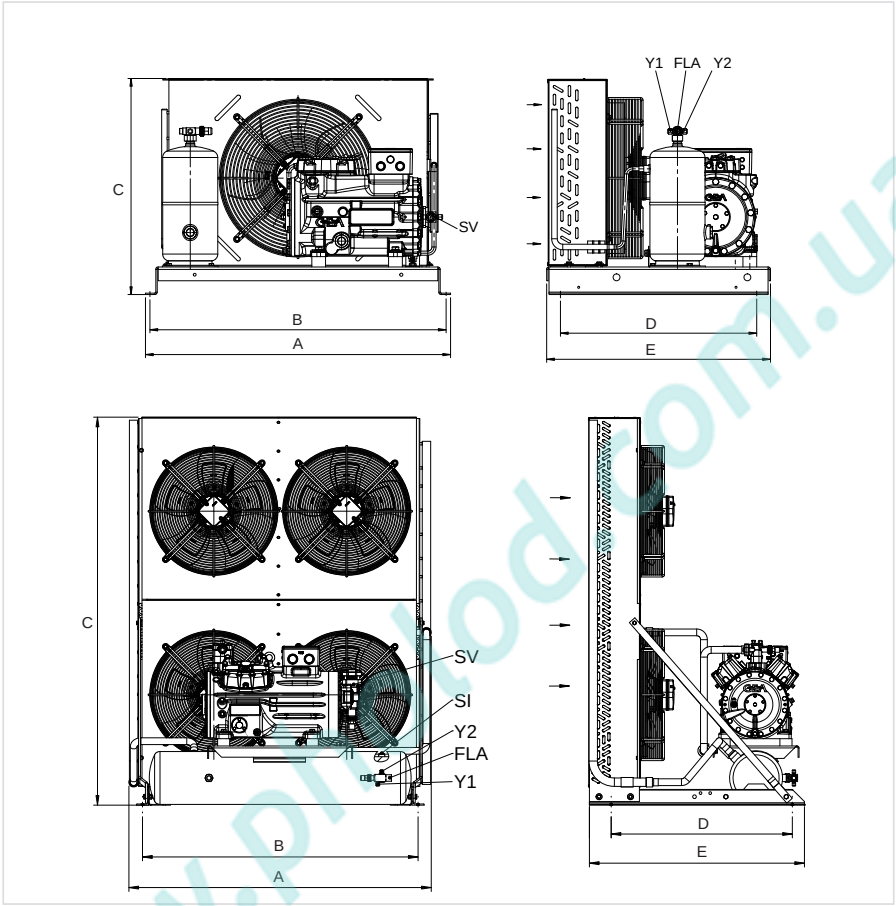
7 | Dimensions and connections



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SHG	Dimensions				
Type	A	B	C	D	E
	mm				
SHG12P/60-4 SL	885	860	630	570	650
SHG12P/75-4 L	885	860	630	570	650
SHG12P/75-4 SL	885	860	630	570	650
SHG12P/90-4 L	885	860	630	570	650
SHG12P/90-4 SL	885	860	630	570	650
SHG12P/110-4 L	885	860	630	570	650
SHG12P/110-4 SL	885	860	630	570	650

7 | Dimensions

SHG Type	Dimensions				
	A	B	C	D	E
	mm				
SHG22e/125-4 L	885	860	630	570	650
SHG22e/125-4 SL	885	860	630	570	650
SHG22e/160-4 L	885	860	630	570	650
SHG22e/160-4 SL	885	860	630	570	650
SHG22e/190-4 L	1085	1060	745	570	650
SHG22e/190-4 SL	1085	1060	745	570	650
SHG34e/215-4 L	1085	1060	745	570	650
SHG34e/215-4 SL	1085	1060	745	570	650
SHG34e/255-4 L	1085	1060	745	570	650
SHG34e/255-4 SL	1085	1060	745	570	650
SHG34e/315-4 L	1085	1060	745	570	650
SHG34e/315-4 SL	1220	1140	700	750	890
SHG34e/380-4 L	1220	1140	700	750	890
SHG34e/380-4 SL	1220	1140	800	750	890
SHG44e/475-4 L	1225	1140	800	750	890
SHG44e/475-4 SL	1300	1140	1310	750	890
SHG44e/565-4 L	1225	1140	800	750	890
SHG44e/565-4 SL	1300	1140	1310	750	890
SHG44e/665-4 L	1300	1140	1310	750	890
SHG44e/665-4 SL	1300	1140	1310	750	890
SHG44e/770-4 L	1300	1140	1310	750	890
SHG44e/770-4 SL	1300	1140	1610	750	890
SHG5/830-4 L	1300	1140	1310	750	890
SHG5/830-4 SL	1300	1140	1610	750	890
SHG5/945-4 L	1300	1140	1310	750	890
SHG5/945-4 SL	1300	1140	1610	750	890
SHG56e/850-4 L	1250	1140	1307	750	890
SHG56e/850-4 SL	1250	1140	1606	750	890
SHG56e/995-4 L	1250	1140	1606	750	890
SHG56e/995-4 SL	1250	1140	1606	750	890
SHG56e/1155-4 L	1250	1140	1606	750	890
SHG56e/1155-4 SL	1250	1140	1606	750	890
SHG6/1080-4 L	1300	1140	1610	750	890
SHG6/1080-4 SL	1300	1140	1610	750	890
SHG6/1240-4 L	1300	1140	1610	750	890

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7 | Dimensions

SHG / SHGZ / SHA	Dimensions				
Type	A	B	C	D	E
	mm				
SHG6/1240-4 SL	1300	1140	1610	750	890
SHG6/1410-4 L	1300	1140	1610	750	890
SHG6/1410-4 SL	1300	1140	1610	750	890
SHGZ7/1620-4 L	1300	1140	1610	750	1090
SHGZ7/1860-4 L	1300	1140	1610	750	1090
SHGZ7/2110-4 L	1300	1140	1610	750	1090
SHA12P/60-4 L	885	860	630	570	650
SHA12P/75-4 L	885	860	630	570	650
SHA12P/90-4 L	885	860	630	570	650
SHA12P/110-4 L	885	860	630	570	650
SHA22e/125-4 L	885	860	630	570	650
SHA22e/160-4 L	885	860	630	570	650
SHA22e/190-4 L	1085	1060	745	570	650
SHA34e/215-4 L	1085	1060	745	570	650
SHA34e/255-4 L	1085	1060	745	570	650
SHA34e/315-4 L	1085	1060	745	570	650
SHA34e/380-4 L	1220	1140	700	750	890
SHA4/465-4 L	1220	1140	800	750	890
SHA4/555-4 L	1220	1140	800	750	890
SHA4/650-4 L	1300	1140	1310	750	890
SHA44e/475-4 L	1223	1140	796	750	890
SHA44e/565-4 L	1223	1140	796	750	890
SHA44e/655-4 L	1243	1141	1306	750	894

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SHG	Connections ①				
	SV	FLA	SI	Y1	Y2
Type	mm I Inch	mm I Inch	Inch	Inch	Inch
SHG12P/60-4 SL	16 / 5/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG12P/75-4 L	16 / 5/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG12P/75-4 SL	16 / 5/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG12P/90-4 L	16 / 5/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG12P/90-4 SL	16 / 5/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG12P/110-4 L	16 / 5/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG12P/110-4 SL	16 / 5/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG22e/125-4 L	22 / 7/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG22e/125-4 SL	22 / 7/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG22e/160-4 L	22 / 7/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG22e/160-4 SL	22 / 7/8	12 / 1/2	-	7/16 UNF	7/16 UNF
SHG22e/190-4 L	22 / 7/8	12 / 1/2	1/2 NPTF	7/16 UNF	7/16 UNF
SHG22e/190-4 SL	22 / 7/8	12 / 1/2	1/2 NPTF	7/16 UNF	7/16 UNF
SHG34e/215-4 L	28 / 1 1/8	12 / 1/2	1/2 NPTF	7/16 UNF	7/16 UNF
SHG34e/215-4 SL	28 / 1 1/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG34e/255-4 L	28 / 1 1/8	12 / 1/2	1/2 NPTF	7/16 UNF	7/16 UNF
SHG34e/255-4 SL	28 / 1 1/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG34e/315-4 L	28 / 1 1/8	12 / 1/2	1/2 NPTF	7/16 UNF	7/16 UNF
SHG34e/315-4 SL	28 / 1 1/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG34e/380-4 L	28 / 1 1/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG34e/380-4 SL	28 / 1 1/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG44e/475-4 L	35 / 1 3/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG44e/475-4 SL	35 / 1 3/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG44e/565-4 L	35 / 1 3/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG44e/565-4 SL	42 / 1 5/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG44e/665-4 L	42 / 1 5/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG44e/665-4 SL	42 / 1 5/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG44e/770-4 L	42 / 1 5/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG44e/770-4 SL	42 / 1 5/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG5/830-4 L	42 / 1 5/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG5/830-4 SL	42 / 1 5/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG5/945-4 L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG5/945-4 SL	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG56e/850-4 L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG56e/850-4 SL	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF

GB

SHG SHGZ SHA	Connections ①				
	SV	FLA	SI	Y1	Y2
Type	mm I Inch	mm I Inch	Inch	Inch	Inch
SHG56e/995-4 L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG56e/995-4 SL	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG56e/1155-4 L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG56e/1155-4 SL	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG6/1080-4 L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG6/1080-4 SL	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG6/1240-4 L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG6/1240-4 SL	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG6/1410-4 L	54 / 2 1/8	22 / 7/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHG6/1410-4 SL	54 / 2 1/8	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
SHA12P/60-4 L	12 / 1/2	12 / 1/2	-	7/16 UNF	7/16 UNF
SHA12P/75-4 L	12 / 1/2	12 / 1/2	-	7/16 UNF	7/16 UNF
SHA12P/90-4 L	12 / 1/2	12 / 1/2	-	7/16 UNF	7/16 UNF
SHA12P/110-4 L	12 / 1/2	12 / 1/2	-	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	12 / 1/2	-	7/16 UNF	7/16 UNF
SHA34e/215-4 L	22 / 7/8	12 / 1/2	1/2 NPTF	7/16 UNF	7/16 UNF
SHA34e/255-4 L	22 / 7/8	12 / 1/2	1/2 NPTF	7/16 UNF	7/16 UNF
SHA34e/315-4 L	22 / 7/8	12 / 1/2	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
SHA4/465-4 L	35 / 1 3/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHA4/555-4 L	35 / 1 3/8	16 / 5/8	1/2 NPTF	7/16 UNF	7/16 UNF
SHA4/650-4 L	35 / 1 3/8	22 / 7/8	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
Y3 = Schrader-Connection speed controller for fan

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

8 | Service

Dear customer,

GEA compressors are top-quality, reliable and service-friendly quality products.
If you have any questions about installation, operation and accessories, please contact our technical service or specialist wholesaler and/or our representative. The GEA service team can be contacted by phone with a **toll-free hotline 00 800 / 800 000 88** or via **e-mail: info@gea.com**

Yours faithfully

GEA Bock GmbH
Benzstraße 7
72636 Frickenhausen
Germany

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GEA Group is a global engineering company with multi-billion euro sales and operations in more than 50 countries. Founded in 1881, the company is one of the largest providers of innovative equipment and process technology. GEA Group is listed in the STOXX® Europe 600 index.

GEA Bock GmbH
Benzstraße 7
72636 Frickenhausen, Germany

Phone +49 (0)7022 9454-0
Fax +49 (0)7022 9454-137

info@gea.com
gea.com