



STANDARD SCREW COMPRESSOR

# SCV-Series

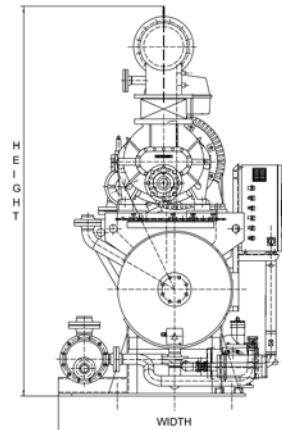
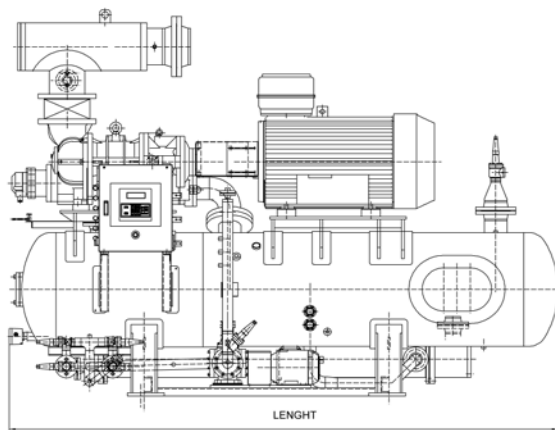


### SCV-Series

of MAYEKAWA is well known in the world of industrial refrigeration as a thoroughly reliable and easy to maintain oil injected screw compressor package which delivers the highest performance during its lifetime of operation. The use of the SCV-Series in thousands of refrigeration installations worldwide is testimony to its quality.

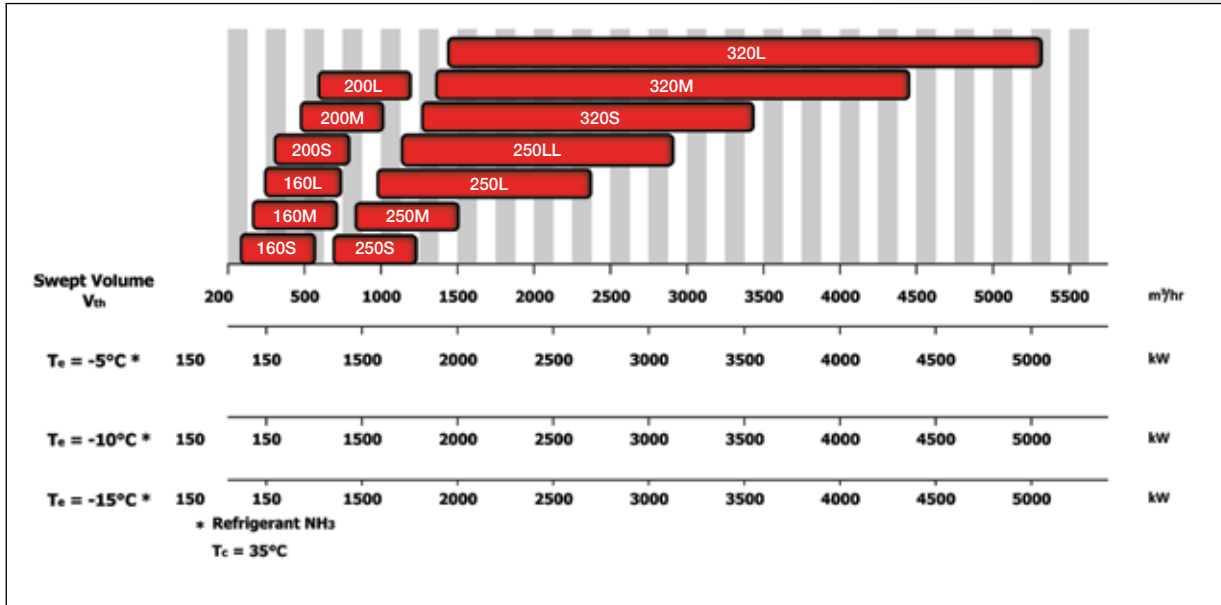
All MAYEKAWA units are built with the utmost care and attention to deliver a quality product to customers, meeting the latest standards and demands of the various markets in which MAYEKAWA is present. Alongside the standard range of units, MAYEKAWA can also deliver tailor made packages to fulfill all scope of supply demands, following various norms, and specific end-user system concepts.

The commitment of MAYEKAWA to deliver a trustworthy item of equipment ensures that all units are constructed with the highest quality components, thereby ensuring MAYEKAWA compressors deliver the best possible efficiency and reliability.



UNIT TYPE	PROVISIONAL WEIGHT (kg)	PROVISIONAL LENGHT (mm)	HEIGHT (mm)	WIDTH (mm)
160S	3200	3100	2100	1300
160M	3300	3100	2100	1300
160L	3400	3100	2100	1300
200S	3800	3300	2400	1600
200M	3900	3300	2400	1600
200L	4000	3300	2400	1600
250S	5700	3700	3000	1900
250M	6000	3700	3000	1900
250L	6300	3700	3000	1900
250VLLD	8200	4200	3200	2100
320S	8500	4800	3600	2000
320M	9000	4800	3600	2000
320L	9500	4800	3600	2000

"For reference use only! The dimensions indicated and the components depicted on our reference units do not necessarily correspond with the dimensions and /or components of your project"



All information is subject to change without previous notice.

ITEM	LIMIT VALUE		REMARKS
Maximum Discharge Gas Pressure [barG]	22		
Maximum Suction Gas Pressure [barG]	5,88		
Minimum Suction Gas Pressure [barG]	-0,8		
Maximum Compression Ratio [-]	L Port	6	
	M Port	10	
	H Port	15	
Maximum Suction Gas Temperature [°C]	85		"Please consult Mayekawa to go outside the design limit."
Maximum Discharge Gas Temperature [°C]	90		"Please consult Mayekawa to go outside the design limit."
Minimum Suction Gas Temperature [°C]	-60		
Maximum Suction Super Heat [K]	30		Discharge temperature limit has higher priority than suction superheat limit.
Maximum Oil Supply Temperature to bearing [°C]	60		In operation more than 13 mm <sup>2</sup> /s viscosity is required.
Maximum Male Rotor Speed [rpm]	250LL and smaller	4 500	
	320	3 600	

# MAYEKAWA MYCOM

## WORLDWIDE

- 40 countries / 127 offices
- 8 production plants



## Europe Organization

### ABU DHABI

Ali & Sons Business Center Office No. 201  
Ali Khalfan Rashed Al Mutawa Al Dhahiri Bldg.  
Plot no 29, Al Ain Road, Umm Al Nar  
Tel. +971 2 5102151  
Fax +971 2 5102571

### BULGARIA

Kamen Andreev Str. 24  
1303 Sofia  
Tel. +359 2 8910130  
Fax +359 2 8910131

### DUBAI

P.O. Box 61349, W-HOUSE  
No. RA-08-UC05  
Jebel Ali Free Zone Dubai, UAE  
Tel. +971 4 8886363  
Fax +971 4 8886373

### EGYPT

New Cairo  
5th Settlement  
North 90th St.  
The 47th Building  
Tel. +20 22 5062925  
Fax +20 22 5032901

### FRANCE

**Siège social**  
8, rue des Fontanelles  
44140 Le Eignon  
Tel. +33 1 30582600  
Fax +33 1 30581937  
<http://www.mayekawa.fr>  
E-mail: [mycom-france@mayekawa.eu](mailto:mycom-france@mayekawa.eu)

#### Agence Service

9, rue Michaël Faraday  
78180 Montigny-Le-Bretonneux  
Tel. +33 1 30582600  
Fax +33 1 30581937

#### Agence Food Market

8, Square des Pruniers  
22400 Lamballe  
Tel. +33 2 96765913  
Fax +33 1 30581937

### GERMANY

**Süd**  
Untere Bahnhofstrasse 38a  
82110 Germering  
Tel. +49 89 55279890  
Fax. +49 89 552798910  
**Vertrieb BRD/Österreich**  
Tel. +49 151 42628055

#### Service-Werkstatt

Zum Buckesch 7a  
48336 Sassenberg-Füchtort  
Tel. +49 170 2960409  
<http://www.mayekawa.de>  
Email: [info@mayekawa.de](mailto:info@mayekawa.de)

### HUNGARY

**Kőbányai út 10/A**  
2049 Diósd,  
Tel. +36 23 545712  
Fax +36 23 545715  
<http://www.mayekawa.eu>  
E-mail: [hungary@mayekawa.eu](mailto:hungary@mayekawa.eu)

### ITALY

**Milan Office**  
Via Riccardo Lombardi 19/12  
20153 Milano  
Tel. +39 2 48929218  
Fax +39 2 4531728

#### Bologna Office

Via Pradazzo 7 40012  
Calerara di Reno  
Tel. +39 51 726364  
Fax +39 51 726804

### MOROCCO

6, Allée des Cyprès  
20250 Casablanca  
Tel. +212 600 041241

### POLAND

ul. Druskiennicka 8/10  
60-476 Poznan  
Tel. +48 61 8420738  
Fax +48 61 8485837

### RUSSIA

Office 228, Korovy Val St. 7  
119049 Moscow  
Tel. +7 499 2300176  
Fax +7 499 2302112  
<http://www.mayekawa.ru>  
E-mail: [info@mayekawa.ru](mailto:info@mayekawa.ru)

### SOUTH AFRICA

West End  
Unit 3 Prime Park  
Printers Way  
Montague Gardens 7441  
Tel. +27 21 5511434  
Fax +27 86 5463618

### SPAIN

Calle Montevideo 5, Nave 13  
Pol. Industrial Camporoso  
28806 Alcala de Henares, Madrid  
Tel. +34 91 8300392  
Fax +34 91 8300397  
<http://www.mayekawa.es>  
E-mail: [mayekawa@mayekawa.es](mailto:mayekawa@mayekawa.es)

### SWITZERLAND

Rosenbergstrasse 31  
6300 Zug  
Tel. +41 41 7268626  
Fax +41 41 7268620  
<http://www.mayekawa.ch>  
E-mail: [info@mayekawa.ch](mailto:info@mayekawa.ch)

### TURKEY

Dünya Ticaret Merkezi  
A/2 Blok Kat: 10 No. 325  
Yeşilköy  
Istanbul  
Tel. +90 212 465363134  
Fax +90 212 4653635

### UNITED KINGDOM

16 Oakhurst Gardens  
DA7 5JP Bexleyheath, Kent  
Tel. +44 1322 433558  
Fax +44 1322 433164

### JAPAN HEAD OFFICE

3-14-15 Botan Koto-ku  
Tokyo 135 8482, JAPAN  
Tel. 81 3 3642 8181  
Fax 81 3 3643 7094  
E-mail: [e-public@mayekawa.co.jp](mailto:e-public@mayekawa.co.jp)

### MAYEKAWA Europe nv/sa

Leuvensesteenweg 605  
1930 Zaventem - Belgium  
Tel. +32 2 7579075  
Fax +32 2 7579023  
<http://www.mayekawa.eu>  
E-mail: [info@mayekawa.eu](mailto:info@mayekawa.eu)

Global web site <http://www.mayekawa.com/>