



STANDARD SCREW COMPRESSOR

SCV-Series

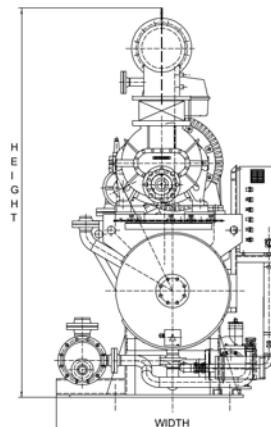
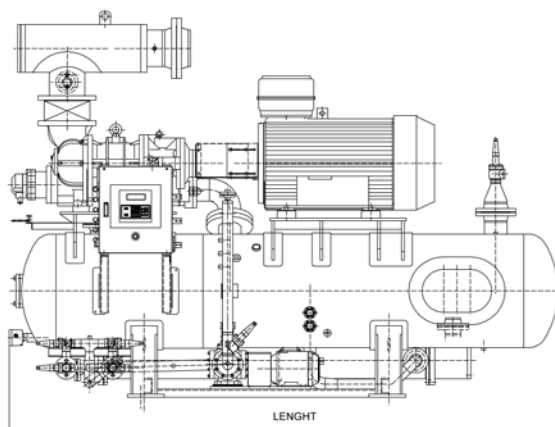


SCV-Series

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.

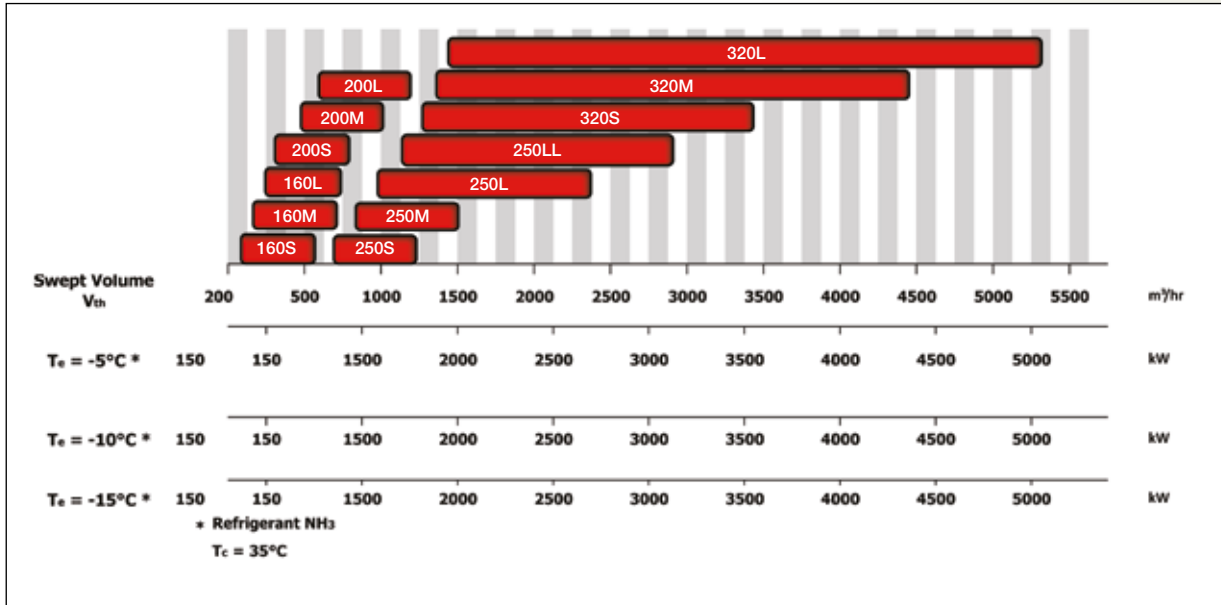
All MAYEKAWA units are built with the utmost care and attention to deliver a quality product to customers, meeting the latest standards and demands of the various markets in which MAYEKAWA is present. Alongside the standard range of units, MAYEKAWA can also deliver tailor made packages to fulfill all 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 ² /s viscosity is required.
Maximum Male Rotor Speed [rpm]	250LL and smaller	4 500	
	320	3 600	

WORLDWIDE

- 35 countries / 122 offices
- 8 production plants



Europe Organization

SWITZERLAND

Rosenbergstrasse 31, 6300 Zug
 Tel. +41 41 726 8626
 Fax +41 41 726 8620
<http://www.mayekawa.ch>
 E-mail info@mayekawa.ch

SPAIN

Calle Montevideo 5, Nave 13
 Pol. Industrial Camporroso
 28806 Alcala de Henares, Madrid
 Tel. +34 91 830 0392
 Fax +34 91 830 0397
<http://www.mayekawa.es>
 E-mail mayekawa@mayekawa.es

GERMANY

Munich Office

Untere Bahnhofstrasse 38a, 82110 Germering
 Tel. +49 89 5527 989 0
 Fax +49 89 5527 989 19

Hamburg Office

Weidestraße 122a, 22083 Hamburg
 Tel. +49 40 27889149 0
 Fax +49 40 27889149 9
 E-mail info@mayekawa.de

FRANCE

East Branch Office

9, Rue Michael Faraday
 78180 Montigny-Le-Bretonneux
 Tel. +33 1 30 58 26 00
 Fax +33 1 30 58 19 37

West Branch Office

6, Square des Pruniers
 22400 Lamballe
 Tel. +33 2 96 76 59 13
 Fax +33 1 30 58 19 37
 E-mail mayekawa.france@mayekawa.eu

UNITED KINGDOM

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

RUSSIA

Office 228, Korovy Val St. 7
 119049 Moscow
 Tel. +7 499 230 01 76
 Fax +7 499 230 21 12
<http://www.mayekawa.ru>
 E-mail info@mayekawa.ru

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. +971-4-888-6363
 Fax +971-4-888-6373

INDIA

Mayekawa India PVT. LTD.
 309, Centrum Plaza, Golf Course Road
 Sector-53, Gurgaon
 Haryana
 Tel. +91 124 4206611 16
 Fax +91 124 4206618

AUSTRALIA

Unit 2,44 McCauley Street
 NSW 2036 Matraville
 Tel. +61 2 9695 7000
 Fax +61 2 9695 7001
<http://www.mayekawa.com.au>
 E-mail mycomaus@mayekawa.com.au

NEW ZEALAND

Unit 2, 30 Tui Street Otahuhu
 Auckland
 Tel. +68 9 276 2305
 Fax +68 9 276 2306
 E-mail info@mayekawa.co.nz

ITALY

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

TURKEY

Dunya Ticaret Merkezi
 A/2 Blok Kat:10 No:325 Yesilkoy, Istanbul
 Tel. +90 212 465 36 31 34
 Fax +90 212 465 36 35

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

MAYEKAWA Europe nv/sa

Leuvensesteenweg 605
 1930 Zaventem - Belgium
 Tel. +32 2 757 90 75
 Fax +32 2 757 90 23
<http://www.mayekawa.eu>
 E-mail info@mayekawa.eu