



STANDARD SCREW COMPRESSOR

# SCV-Series

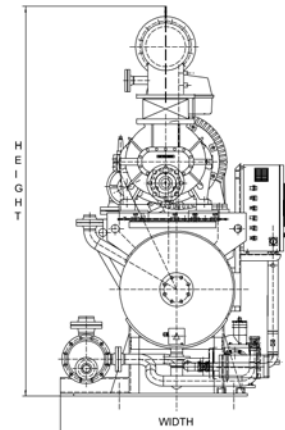
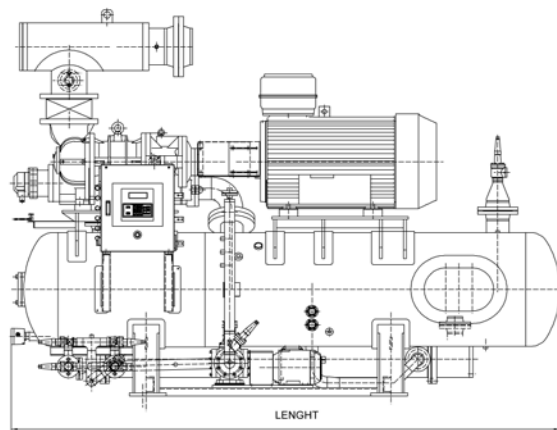


### SCV-Series

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.

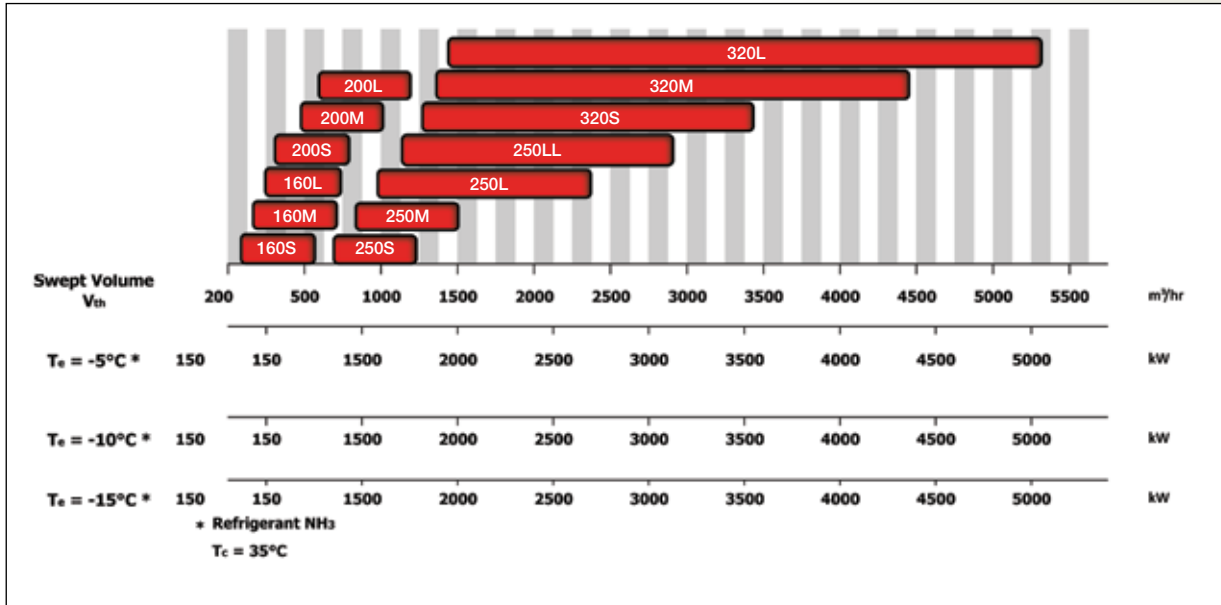
All MAYEKAWA units are built with the utmost care and attention to deliver a quality product to customers, meeting the latest standards and demands of the various markets in which MAYEKAWA is present. Alongside the standard range of units, MAYEKAWA can also deliver tailor made packages to fulfill all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

### WORLDWIDE

- 40 countries / 127 offices
- 8 production plants



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