

MYCOM COMPRESSOR SERIES (Screw type)

Highly-efficient screw compressor with wide product range and No.1 track record

Screw Compressor
[Single Stage] Open Type

SCV SERIES



Variable Vi Mechanism (2.63-5.80range) to Efficiently Cover Wide Temperature Range

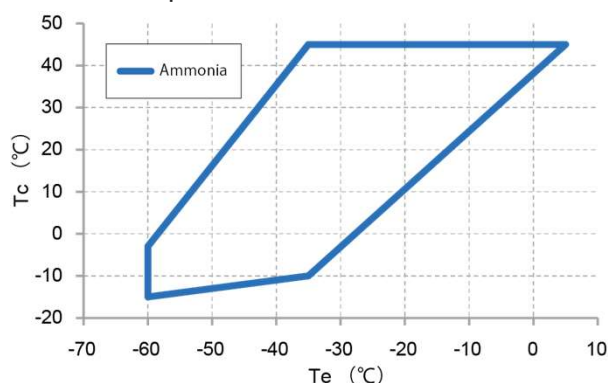
Offers Wide Range of Capacities

Available in 13 models, the SCV series covers a wide displacement range from 415 m³/h to 4740m³/h*.

* At 2950 rpm

Applications

Operates over a wide range of temperature and serves in industrial refrigerating, freezing, and air conditioning applications. Also workable as a booster compressor.



Longtime Seller

With a proven 4:6 rotor configuration, the SCV series offers optimal performance to customers.

Specifications

Model (N/P/F)*1 #2			160V			200V			250V				320V		
Item			SD	MD	LD	SD	MD	LD	SD	MD	LD	LLD	SD	MD	LD
Refrigerant			Ammonia / Propane, Propylene / HFCs												
Theoretical displacement	2950rpm	m ³ /h	415	519	622	810	1020	1210	1580	1980	2360	2800	3170	3960	4740
	3550rpm	m ³ /h	499	624	749	975	1220	1460	1900	2380	2840	3370	3820	4760	5700
Minimum rotation speed		rpm	1450*3												
Maximum rotation speed		rpm	4500*3												
Rotation direction			CCW as viewed from motor												
Capacity control		%	100-30												
Gas inlet port			MYCOM 125A *4			MYCOM 150A *4			MYCOM 250A *4				MYCOM 350A *4		
Gas outlet port			MYCOM 100CD *4			MYCOM 125CD *4			MYCOM 150CD *4				MYCOM 200CD *4		

* 1. Specify the refrigerant by adding a prefix to the model code (N = ammonia / P = propane, propylene / F = fluorocarbons).

* 2. Please contact us separately for models with a designation ending with G (downward discharge).

* 3. The range of rotation speed varies by operating conditions. Please refer to the ranges of use stated in the operating instructions.

* 4. Flanges with a designation starting with MYCOM are in-house products of MYCOM.



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