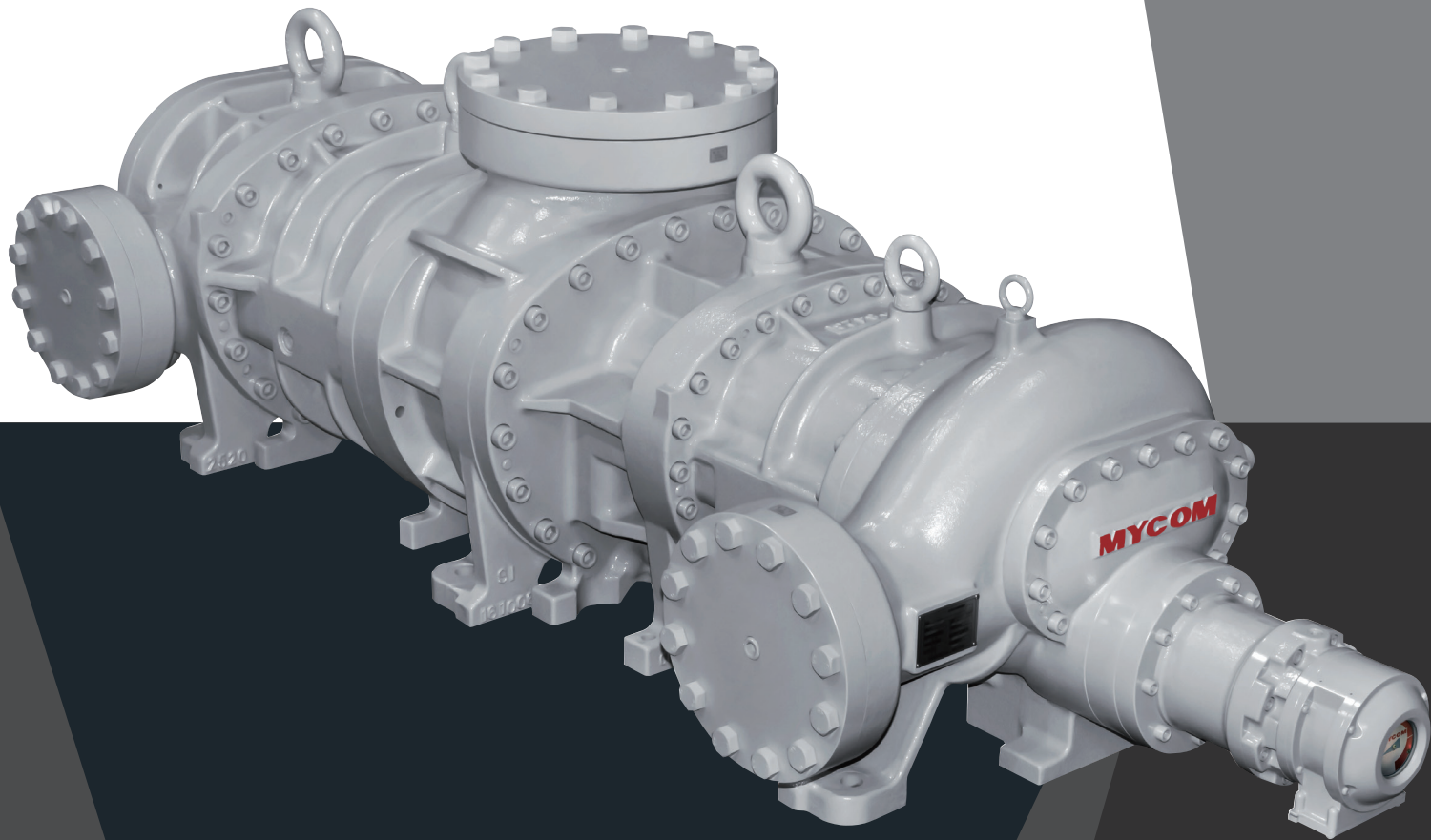


C SERIES SCREW COMPRESSOR



C SERIES SCREW COMPRESSOR

Screw Compressor / **Two Stage** Open Type

C SERIES



MYCOM

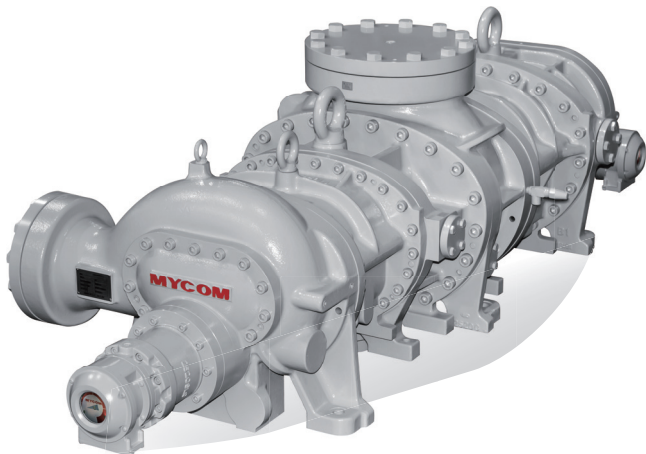


The content of this pamphlet may change without advance notice due to improvements to the product.
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MAYEKAWA MFG. CO., LTD.
[Head Office]: 3-14-15 Botan, Koto-ku, Tokyo 135-8482, JAPAN
TEL: (81)3-3642-8181 FAX: (81)3-3643-7094
[Inquiries]: global-contact@mayekawa.co.jp
<https://www.mayekawa.com>

Highly-efficient Compound Compressor
with No.1 Track Record in Low Temperature
Applications

Screw Compressor
[Two Stage]Open Type
C SERIES



Single Machine Two-stage
Compression to Efficiently Cover
Low Temperature Range

Wide-ranging Lineup

Available in 5 models with different rotor diameter configurations to cover a wide displacement* range from 622 m³/h to 9700 m³/h.

* This catalog chart representative models combined with standard rotor length. Please contact us separately for available variants.

MYCOM's Unique Industrial
Compound Compressor

Needs only one motor and oil separator and thus contributes to space saving.

Longtime Seller

A lineup of medium- to large-sized two-stage compressors with a proven 4:6 rotor configuration.

Performance charts

Refrigerant		Ammonia	R404A
Temperature condition Model		-40 / +35℃	-40 / +35℃
		Liquid Subcooling : 5K Suction Superheat : 0K Rotation speed : 2950rpm	Liquid Subcooling : 5K Suction Superheat : 20K Rotation speed : 2950rpm
1612LSC	Cooling capacity (kW)	114.1	135.7
	Absorbed power (kW)	67.5	94.9
2016LSC	Cooling capacity (kW)	234.4	281.4
	Absorbed power (kW)	135.0	188.8
2520LSC	Cooling capacity (kW)	462.8	555.2
	Absorbed power (kW)	261.9	366.1
3225LSC	Cooling capacity (kW)	909.8	1094.7
	Absorbed power (kW)	506.1	708.2
4032LSC	Cooling capacity (kW)	1861.4	2224.9
	Absorbed power (kW)	1055.8	1494.3

* The machine cannot be used under certain conditions. Please consult us for further details.

Specifications

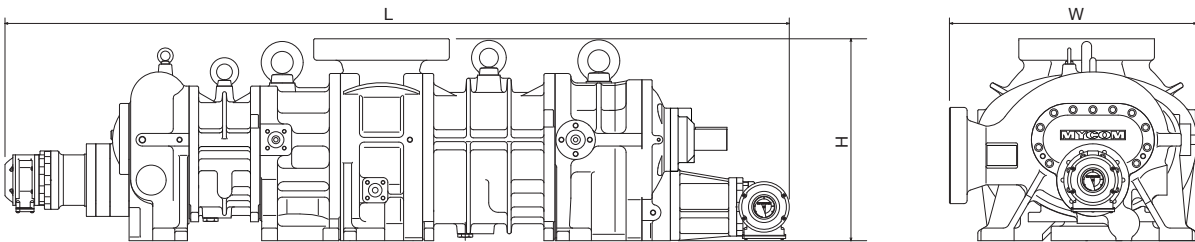
Model (N/F)* ¹			1612LSC		2016LSC		2520LSC		3225LSC		4032LSC	
			Low stage	High stage	Low stage	High stage	Low stage	High stage	Low stage	High stage	Low stage	High stage
Refrigerant		-	Ammonia / HFC									
Theoretical displacement	2950rpm	m ³ /h	622	197	1210	519	2360	810	4740	1580	9700	3170
	3550rpm	m ³ /h	749	237	1460	499	2840	975	5700	1900	11700	3820
Minimum rotation speed		rpm	1450									
Maximum rotation speed		rpm	4500				3600					
Rotation direction		-	CCW as viewed from motor									
Capacity control		%	100 ~ 30									
Gas inlet port		-	MYCOM 125A* ²		JIS20K 150A		JIS20K 250A		JIS20K 350A		ANSI#300 16"	
Gas outlet port		-	MYCOM 65A* ²		JIS20K 80A		JIS20K 100A		JIS20K 150A		ANSI#300 8"	

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

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

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

Outer dimensions



Model	Weight (kg)	W (mm)	L (mm)	H (mm)
1612LSC	500	511	1321	493
2016LSC	1100	657	1691	513
2520LSC	2050	785	2487	640
3225LSC	3310	945	2715	832
4032LSC	9350	1181	3615	1305

* The outer dimension drawings illustrate the model 2520LSC. Please consult us for further details.

[Other C-series models]

1612SSC, 1612MSC, 1612LLC, 2016SSC, 2016SMC, 2016SLC, 2016MSC, 2016MMC, 2016MLC, 2016LMC, 2016LLC
2520SSC, 2520SMC, 2520SLC, 2520MSC, 2520MMC, 2520MLC, 2520LMC, 2520LLC
3225SSC, 3225SMC, 3225SLC, 3225MSC, 3225MMC, 3225MLC, 3225LMC, 3225LLC, 3225LLMC, 3225LLLC
4032SSC, 4032SMC, 4032MSC, 4032MMC, 4032MLC, 4032LMC, 4032LLC, 4032LLMC, 4032LLLC, 4032XLLLC