The content of this pamphlet may change without advance notice due to improvements to the product.

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Saves installation space!

Refrigerant
- Ammonia
- R404A
- R134a

Model
- i125
- i125L
- i160S
- i160M
- i160L

Temperature
- -40 / +35°C
- -10 / +35°C
- 0 / +40°C
- +2 / +42°C

Cooling capacity (kW)
- i125S
- i125L
- i160S
- i160M
- i160L

Absorbed power (kW)
- i125S
- i125L
- i160S
- i160M
- i160L

Economizer-type

Rotation speed
- 2950rpm

Liguid Subcooling
- 5℃

Suction Superheat
- 0℃

Specifications

- Model: i125, i160
- Refrigerant: Ammonia / HFCs
- Theoretical displacement: 2950rpm m³/h, 3550rpm m³/h
- Minimum rotation speed: 1450rpm
- Maximum rotation speed: 4050 rpm, 3550 rpm
- Rotation direction: CW as viewed from motor
- Capacity control: 100 / 75 / 50
- Gas inlet port: MYCOM 100A
- Gas outlet port: MYCOM 65CD
- Flange motor connection: NEMA

Outer dimensions

- Model: i125S
- Weight: 330 kg
- Dimensions: S (mm) 555, L (mm) 656, H (mm) 799

Performance charts

- Refrigerant: Ammonia, R404A, R134a
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- Cooling capacity (kW)
- Absorbed power (kW)
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Facilitates Design of Packaged Systems

- Featuring a built-in suction strainer and check valve, the i-series screw compressor supports flange motors and facilitates the design of packaged systems.

New Design Eliminates a Need of Oil Pump

- The newly adopted ball bearings enable the i-series screw compressor delivers high performance without a need of oil pump.

Space-Saving Design

- Using a flange motor, the small-footprint compressor can be installed in a confined space.

Small compressor with high reliability: Easily integrated in packaged systems

Screw Compressor [Single Stage] Open Type

i SERIES

Easily Maintainable

- Designed to facilitate the replacement of consumables.

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* Please consult us for further details.

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

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

* The outer dimension drawings illustrate the model i125L with an IEC FF500 motor spacer.