



QUOTATION

Mr. Jim Arndt
City of Watertown
PO Box 477
Watertown WI 53094-0477

Kaeser Compressors, Inc.
1900 Pewaukee Rd Suite E
Waukesha, WI 53188-2447
Contact: Matt Bell
Tel: 855-523-7373
Fax: 888-433-4305

Reference	Customer no.	Quotation no.	Date
6100586175	377683	86640240	07/26/2022

Dear Mr. Arndt:

We are pleased to present the following proposal for your review. With Kaeser Compressors, you can be confident your organization will benefit from years of engineering expertise, premium products, and a nationwide service network. Our products reduce life cycle costs with years of reliable service, simple maintenance and high energy efficiency-making them the smart investment.

Kaeser will be providing our standard equipment and instrumentation. Kaeser's scope of supply is as shown on the quote. Items not quoted will not be provided. Kaeser must take blanket exception to any specifications provided with this RFQ.

Thank you for the opportunity to prove Kaeser Compressors offers the best product solutions for your needs, as well as the customer service you deserve.

Sincerely,

Matt Bell
Territory Manager

I hereby represent that: I am an authorized signatory for this company; agree to the terms of this order; and by signing below I authorize Kaeser to process an order in accordance with this quotation.

Printed Name

Title

Authorized Signature

Date

Kaeser Compressors, Inc. P.O.Box 946 Fredericksburg, Virginia 22404 Phone (540) 898-5500
Fax (540) 898-5520 www.kaeser.com

A Company with Certified Quality and Environmental Management Systems ISO 9001:2015 and 14001:2015

KAESER rotary screw compressors

Type: SK 15 (air cooled)

with the world-renowned SIGMA PROFILE

The **SK 15** consistently delivers precisely what users require in an energy-saving compressor: quiet and smooth operation, low maintenance requirement and high reliability. These key benefits are based on many innovative solutions, in such areas as airends with the highly efficient SIGMA PROFILE, cooling and ventilation, industrial PC controller and IE3 Premium Efficiency motor. All KAESER rotary screw compressors are subject to a comprehensive test run before leaving our factory.

Technical specifications (Performance parameters at **125 psig gauge working pressure**, relative to the entire system, including fans. In accordance with ISO 1217:2009 Annex C.)

Flow rate at 125 psig(g)	70.63 cfm
Power consumption of entire system at 125 psig(g)	14.4 kW
Max. gauge pressure	125 psig
Drive motor efficiency, full load	91.0 %
Drive motor efficiency class	IE3
Drive motor rated capacity	15.0 hp
Drive motor speed	3565 rpm
Drive motor protection rating	IP 55
Power supply	208/230/460V / 3 / 60Hz
Compressed air discharge temperature above ambient temperature (at +68 °F, 30% rel. humidity)	11 °F
Sound pressure level	67 dB(A)
Ambient temperature (max./min.)	115 °F / 40 °F

Energy
saving
preserves the environment and resources

Specifications are subject to change without notice.

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Technical specifications - Type: SK 15

Max. available hot air	1530 cfm
Compressed air connection	1 NPT
Cooling oil charge	1.9 US gal
Compressor cooling oil type	M460
Dimensions (W x D x H)	29.500 IN x 35.250 IN x 49.625 IN
Weight	686 lb

Specifications subject to change without notice.

Available options

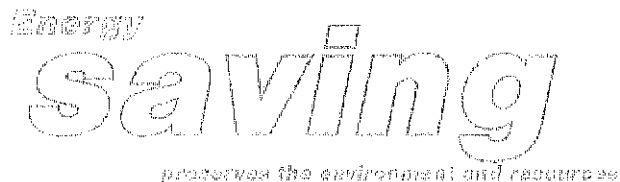
Connection to control system	Not applicable
Equipped with heat recovery	
Adjustable machine mounts	No
Modulating control	No
Compressor cooling oil type	

Product information

You'll find images and additional details in the brochure at <http://www.kaeser.com/int-en/products/rotary-screw-compressors/rotary-screw-compressors-with-fluid-cooling/with-belt-drive/>

Project planning note:

Please note that additional compressed air treatment components may be required for your proposal. Compressed air always contains a certain amount of solid matter/dust, moisture and residual oil content (hydrocarbons in aerosol/vapor form). Depending on the application, a certain standard of treatment may be required (see ISO 8573). We will be pleased to provide further advice and information.



Type: SK 15

Decisive advantages

of KAESER rotary screw compressors

KAESER airend with energy-saving SIGMA PROFILE

Every KAESER airend comes with energy-saving SIGMA PROFILE rotors that are continuously flow-optimized by our engineers. This contributes significantly to the outstanding specific power performance of the overall systems.

Components manufactured to the highest standards and precision aligned roller-bearings ensure long service life with maximum reliability. Single-stage compression with cooling fluid injection ensures optimal cooling while lubrication and sealing of the rotors guarantees long service life and quiet operation.

Optimized design

Kaeser rotary screw compressors are prized for their logical component arrangement, excellent accessibility and user-friendly design. For example, the left-hand enclosure panel can be removed in a few simple steps and allows excellent visibility of the system's intelligently laid out components. Needless to say, the SK series was designed to ensure the best possible access to all service points. When closed, the sound-absorbing compressor enclosure keeps operational sound levels to a minimum thereby ensuring a pleasantly quiet work environment. Moreover, with its three intake openings, the enclosure provides separate air flow for high efficiency cooling of the compressor, the drive motor, and switching cabinet. Last, but not least, the compressors are impressively compact, which makes them the perfect choice for applications where space is at a premium.

Flexible KAESER belt drive

KAESER rotary screw compressors with belt drive provide outstanding efficiency and reliability. KAESER was one of the first compressor manufacturers to introduce the V-belt drive system. The automatic tensioning device ensures continually high transmission efficiency of the belt drive in KAESER rotary screw compressors over their entire service life. This, of course, also reduces maintenance costs.

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Type: SK 15

SIGMA CONTROL 2 compressor controller

The control center

The industrial-duty operator interface features a clear display panel and robust keys. All relevant information can be viewed at a glance. User-friendliness is further enhanced by the logical menu structure and the ability to display data in any one of 30 selectable languages.

Security with RFID

SIGMA CONTROL 2 provides a high level of security with its integrated RFID (Radio Frequency Identification) functionality. This technology not only ensures secure log-in for users and/or KAESER service engineers, but also safeguards the system against unauthorized changes or operation, in accordance with German operator liability provisions.

Communication

The SIGMA CONTROL 2 communicates internally with the compressor via inputs and outputs. The Ethernet interface fitted as standard enables integration into the SIGMA NETWORK. Network connectivity permits remote monitoring: the built-in web server can display the operating panel, menu structure, operating parameters and message history anywhere and at any time.

Updates and data storage

Software updates and operating parameters can be quickly uploaded and transferred via the convenient SD card slot. This minimizes service costs while also enabling use of the SD card for (long-term) storage of key operational data.

"Prepared connection to process control" option

Optional (pluggable) bus communication modules (Profibus DP, Modbus TCP, Profinet, Devicenet) enable external communication with building and process control systems for remote control and remote monitoring of the compressor. Digital and analog inputs and digital outputs that can be assigned using the control unit make it possible to connect external sensors and actuators.

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Type: SK 15

SIGMA CONTROL 2

Control systems

- Modular design comprising of control unit and integrated inputs and outputs, power supply and web server.
Designed for use with KAESER rotary screw compressor series SX - ASK.
- "Traffic-light" LEDs for at-a-glance operational status
- Fully automatic monitoring and control; Dual, Quadro, and Vario control.
- Timer for compressor functions (on, off) or external outputs
- Baseload function for operation of two compressors
- Web server with remote display of operational data; clear text display, choice of 30 languages

Hardware

- Advanced processor hardware; all components designed for industrial operating conditions.
- Graphical display, LED indicators and tactile membrane keys; real-time clock, battery back-up
- Precision electronic pressure transducer

Control cabinet

- Dust and water-resistant, IP 54
- Input/output modules with clearly coded bushes for the signal sensor connection cable ¹⁾
- Terminal strip for additional floating contacts ¹⁾

Interfaces

- SD card slot for updates
- Adapter for communications modules ¹⁾
- USS bus for frequency converter; RFID reader, Ethernet

Approvals and certifications

- CE, cULus, EMV; marine certifications GL, ABS, LRS, DNV (available only if the "Prepared connection to process control" option is selected)

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Note on 1): available only if the "Prepared connection to process control" option is selected.

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PRICE SUMMARY

Item	Description	Material	QTY UM	Unit price USD	Total USD
20	Rotary Screw Compressor SK 15 125psi SC2 TriVolt. US Model Electrical connection Max. working pressure Connection to control center Compressor fluid sort Wired 460V	101975.01 SK 15 208/230/460V / 3 / 60Hz 125.0 psig Not applicable SIGMA FLUID M-460	1.000 PC	10,761.00	10,761.00
30	Startup for Compressors Startup is a Kaeser technician preparing your unit for operation and reviewing proper operation and maintenance. Startup is required to initiate your warranty and does not include installation. Standard warranty: 1 year compressor package, 2 year major components. Details at www.kaeser.com/warranty 36 Months Dollar Buyout Lease Option Estimated monthly lease payment would be \$333.48	USSTARTUPC	1.000 PC		
TOTAL PRICE					10,761.00

Terms of payment

Within 30 days

Payment terms are subject to credit approval.

Govt

Delivery(Incoterms@2020)

FCA US Shipping Point

If prepay and add shipping is requested the freight charges will be added to the invoice.

Quotation valid until:

09/26/2022

Delivery time

1-2 weeks from order confirmation

Delivery time is subject to change without notice, please check the availability with your Territory Manager when

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placing an order.

Contractual basis**Terms and conditions:**

Kaeser quotations are offered with Kaeser's standard Terms and Conditions of Sale and Use and Terms and Conditions of Service. All additional or different terms and conditions must be agreed to by written contract with Kaeser corporate office, Fredericksburg, Virginia. Any modifications made by the recipient to the information provided on this Quote will not be honored. Kaeser's Terms and Conditions are available at www.us.kaeser.com/terms and upon written request.

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