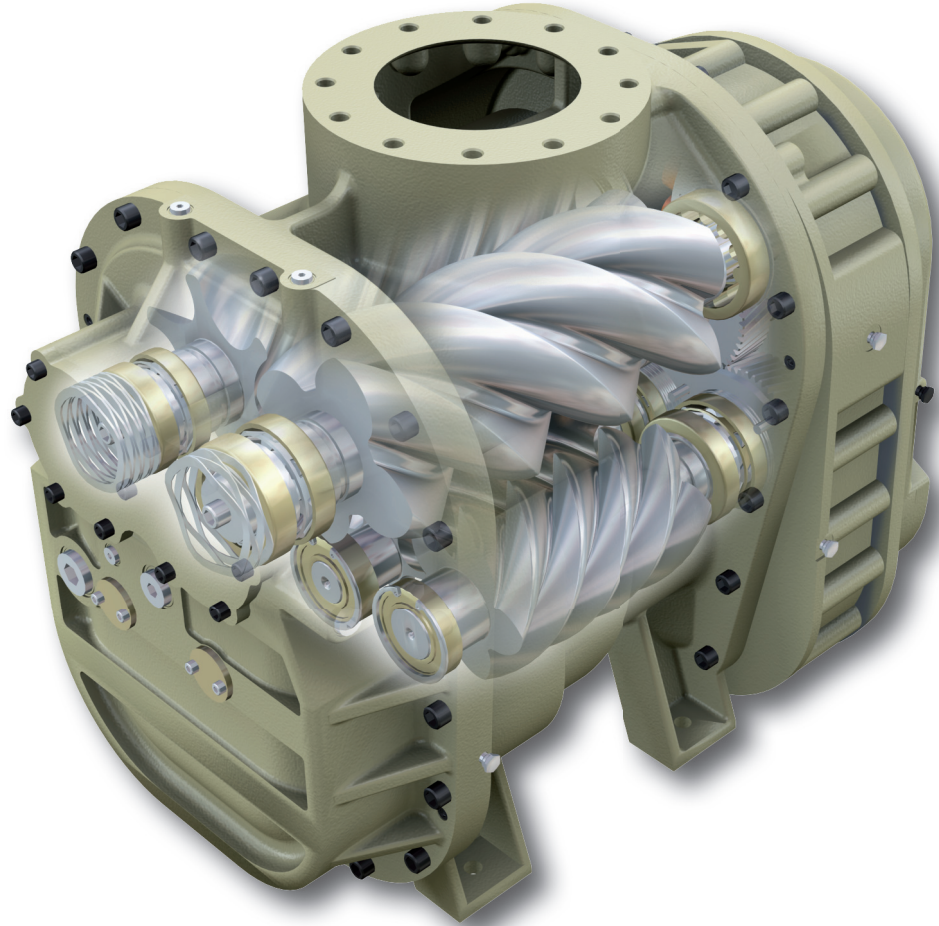


# *IR226/182 – Double-stage screw compressor*

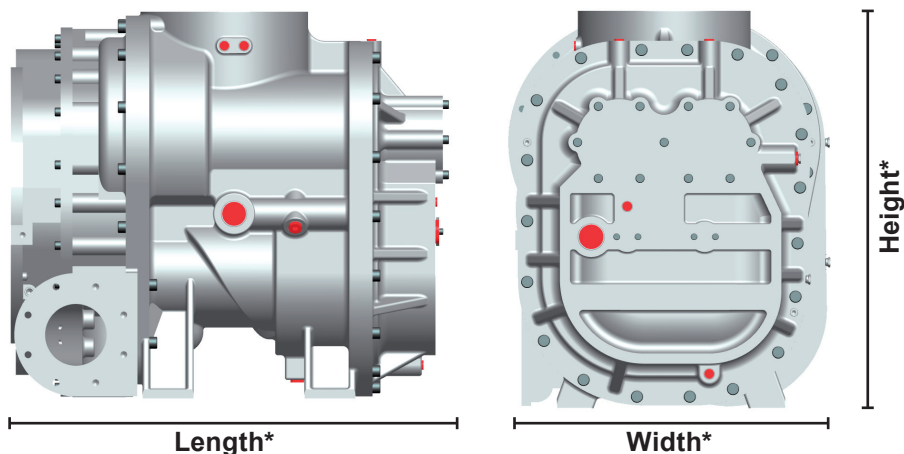


## **GHH RAND recommends:**



- Maximize life and efficiency with Primecool PLUS VG46 lubricant
- Ask your sales rep. for details

# IR226/182 – Double-stage screw compressor for specialized applications



## Technical data

	Units	IR226/182
Type of drive		Integral
Volume flow *1	m <sup>3</sup> /min ( <i>cfm</i> )	36.5 (1,290)
Outlet pressure (min./max.)	bar(a) ( <i>psia</i> )	5.5/15.5 (79.8/224.8)
Power (min./max.)	kW ( <i>hp</i> )	192.3 (257.9)
*Length x Width x Height	mm ( <i>inch</i> )	929 x 628 x 783 (36.5 x 24.7 x 30.8)
Weight	kg ( <i>lbs</i> )	981 (2,163)
Inlet flange	mm ( <i>inch</i> )	200 (7.8)
Discharge flange	mm ( <i>inch</i> )	125 (4.9)
Oil connection	ISO 6149-1	M42 x 2
Instrument port at inlet	ISO 6149-1	2 x M14 x 1.5
Instrument port at outlet	ISO 6149-1	2 x M12 x 1.5
Vibration measurement		5 x M8
Separator scavenge	ISO 6149-1	M14 x 1.5

**Medium:** Air, Inlet temperature 20°C/68°F, Inlet pressure 1 bar(a)/14.5 psi(a);

**Note:** \*1 estimated at 7 bar(a)/101 psi(a)

## Highlights

- Two stage design with precision machined rotors providing highest efficiency
- Coolant curtain between 1<sup>st</sup> and 2<sup>nd</sup> stage:
  - Decreasing the energy required for compression in the 2<sup>nd</sup> stage
  - Eliminating the need for an intercooler
- Taper roller bearings providing linear contact for thrust loads thereby dramatically increasing the life of the airend
- Compressing the air in two stages means considerable energy savings
- Highest quality bearings assure years of reliable, efficient service
- Time-proven two-stage airend with a reputation for trouble-free operation and minimal maintenance

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