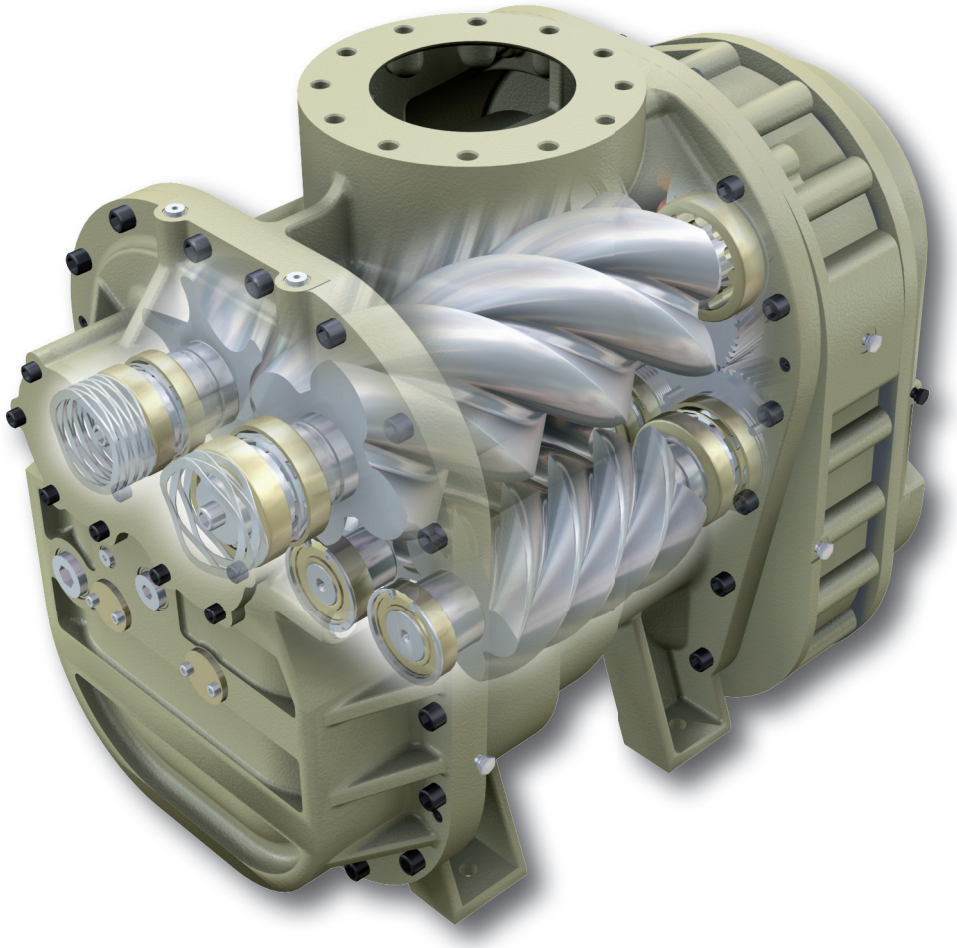
IR226/182 – Double-stage screw compressor

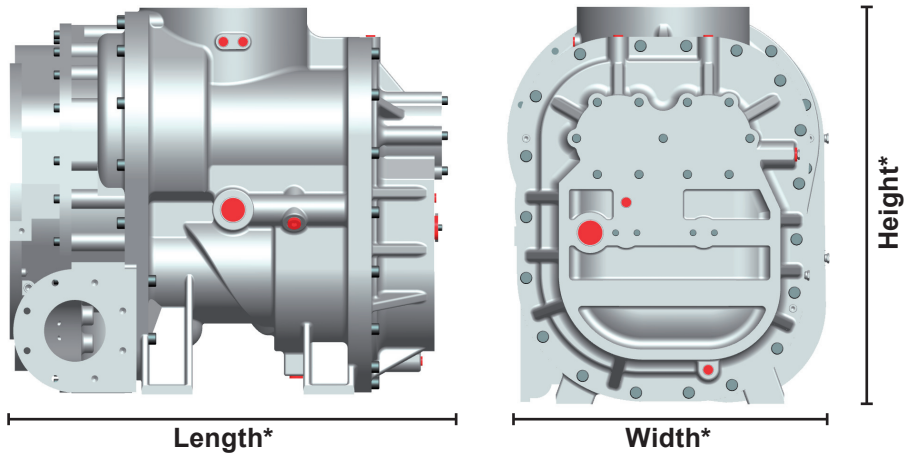


GHH RAND recommends:

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

Ingersoll Rand

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



Technical data

	Units	IR226/182
Type of drive		Integral
Volume flow *1	m^3/min *(cfm)*	36.5 *(1,290)*
Outlet pressure (min./max.)	bar(a) *(psia)*	5.5/15.5 *(79.8/224.8)*
Power (min./max.)	kW *(hp)*	192.3 (257.9)
*Length x Width x Height	mm *(inch)*	929 x 628 x 783 *(36.5 x 24.7 x 30.8)*
Weight	kg *(lbs)*	981 *(2,163)*
Inlet flange	mm *(inch)*	200 *(7.8)*
Discharge flange	mm *(inch)*	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 1st and 2nd stage:
  - Decreasing the energy required for compression in the 2nd 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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