



Nominal capacity (at 50 Hz)	m <sup>3</sup> /h	12860
Ultimate vacuum in combination with backing pump	mbar abs. / torr	1x10 <sup>-3</sup> / 0.1
Motor power	kW	30
Rotation speed	rpm	1450
Inlet / Outlet connection	ANSI	350 (14")
Cooling water connection	NPT	3/4
Cooling water flow (15 °C)	l/min	7.6
Gear box oil volume	l	38
Dimensions	mm	2047x954x747
Total weight with motor	kg	3216

### Advantages

- Roots pumps work only in combination with various types of backing vacuum pumps: rotary-vane, liquid-ring and screw types.
- Five-point bearing design, double oil tanks, high stability.
- Nitrogen gas barrier to block gas from entering the oil tank; prolonging service life.
- Suitability for high temperature, high differential pressure and high vacuum environments, robust design, high reliability.
- Standard materials and various coatings available.
- Internal coating protection against corrosion, especially suitable for petrochemical, chemical and pharmaceutical industries.

### Dimensioned drawing

