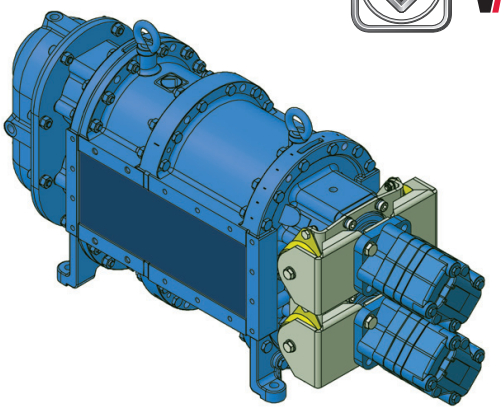
R136-105

The R Series pump line is a very economical and versatile pump originally designed for agricultural use. Its robust construction and small footprint is perfect for mobile applications such as filling and emptying tankers and transferring slurry between pits. The economical R136 series offers a high-performance, cost-effective pumping solution for viscous liquids containing solids.



POSITIVE DISPLACEMENT ROTARY LOBE PUMPS

Run Dry Without Damage: Vogelsang pumps are warranted against damage from run dry for a period up to 30 minutes

Self Priming to 25' (Wet): With suction lifts to 25', Vogelsang pumps excel at the toughest suction lift applications

Compact Size Reduces Expense: Small footprints equate to reduced construction and fabrication expense.

Unlimited Drive Options: V-Belt drives, Geared Motors with reducers, Close coupled hydraulic motors, air or submersible, Power Take Off. Vogelsang pumps offer unlimited drive options.

High Solids Handling: Our original lobe design handles tough applications where large solids are present in the liquid. The two-wing design allows our pumps the largest cavity between the lobe and housing which is why it can handle such large solids.

MECHANICAL SPECIFICATIONS: STANDARD & OPTIONAL

Materials:

Bearing Housing: Gray Cast Iron (230-260 Brinell)

Front Cover: Gray Cast Iron (230-260 Brinell)

Front & Rear Wear Plate Options: Hardox (700 Brinell), Optional: Tungsten Carbide, Stainless Steel.

Pump Shaft: Carbon Steel (ASTM A470)

Shaft Sleeve: Stellite Coated Stainless Steel.

Housing Segment Options: Gray Cast Iron (750 Brinell), Optional: Tungsten Carbide, Stainless Steel.

Mechanical Seal Options: Component Seal, Duronite or Silicon Carbide. Block Ring Cartridge Seal, Duronite or Silicon Carbide.

Mechanical Specifications:

Weight: 265lbs.

Rotor Options: Straight 2-wing Lobes

Mounting Options: Inline, piggy-back, PTO frame

Drive Options: Inline Gear Motor, V-belt, Hydraulic, PTO

Warranty, Testing & Quality Assurance:

Warranty: 2 years, manufacturer's defects.

Testing: Each pump is factory tested at the customers specified duty point at a suitable range of flow and pressure conditions in accordance with Hydraulic Institute Standards.

ISO 9001:2008 Certification: Vogelsang is a fully certified for the manufacture and repair of industrial pumping equipment.

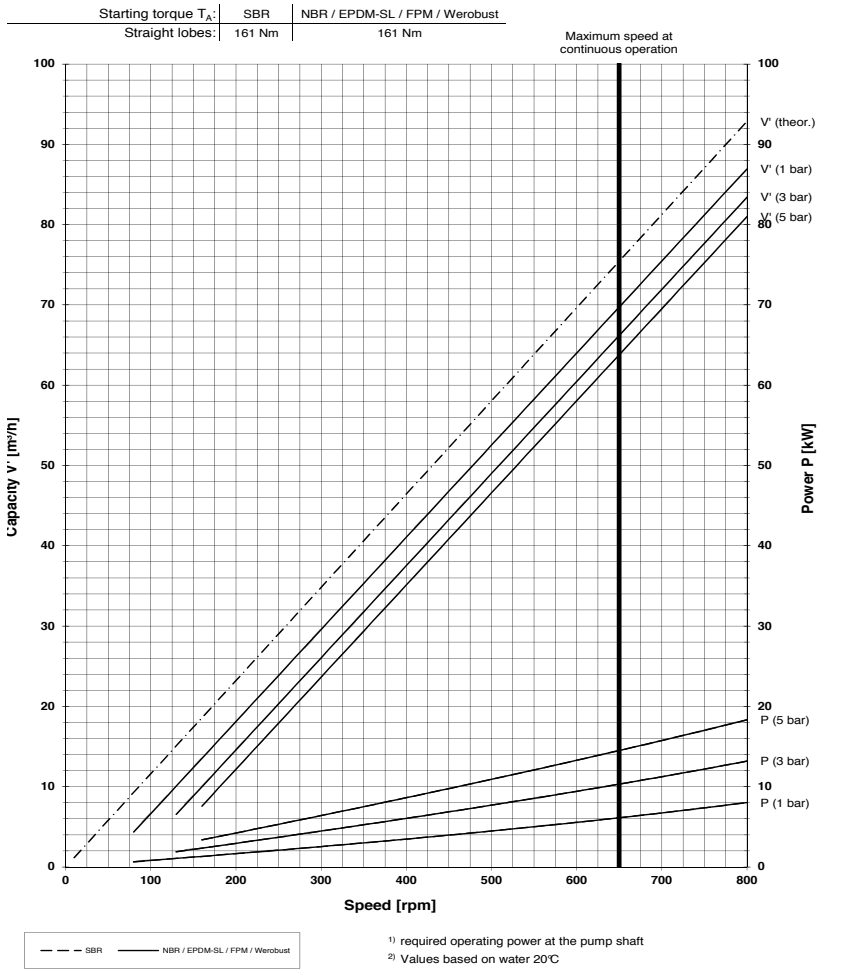
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R136-105

PERFORMANCE SPECIFICATIONS

Series & Model	Capacity gpm	Capacity m3/h	Displacement gal/100revl/100rev	Displacement	Max Pressure psi	Max Pressure bar	Max Pressure rpm 1/min
R136-105	308	70	50.2	190	72.5	5	650

PERFORMANCE CURVES & DIMENSIONAL DRAWING

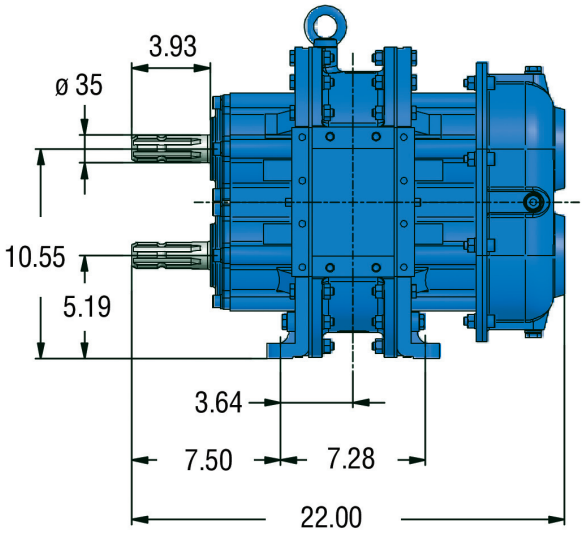


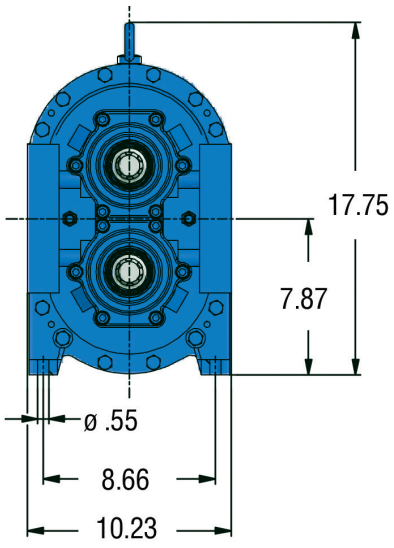
1) required operating power at the pump shaft
2) Values based on water 20°C

Date: 06.02.2012

Vogelsang Ltd., Gateway, Crewe Gates Industrial Estate, GB-Crewe, Cheshire CW 1 6YY

All dimensions in inches except shaft diameter





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