



GER BLOWER



BIO GAS BLOWER

Special blowers, capable of handling different gases, are also available. Material of construction and constructional details vary to meet different gas requirements. For inflammable and toxic gases, leak tightness is ensured. Basic designs are modified, depending upon the nature of gas to be handled and customer's requirement.

Blower Advantages:

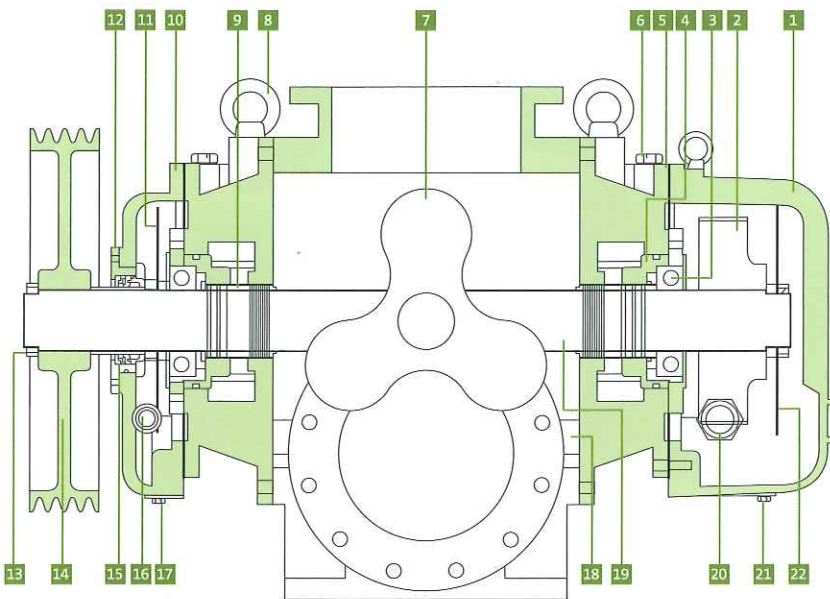
- Stainless steel lobe to prevent corrosion from biogas
- Explosive proof, increasing the safety of whole project.
- Compact structure, occupying small space.
- High efficiency, energy saving, long service life.
- Standard accessories, easily for operation and maintenance.
- Able to boost pressure to one Bar

GER Biogas Blower is available in a variety of models and configurations. Please refer to our summary of biogas flow and pressure parameters to select the right model to suit your application:

Standard Features:

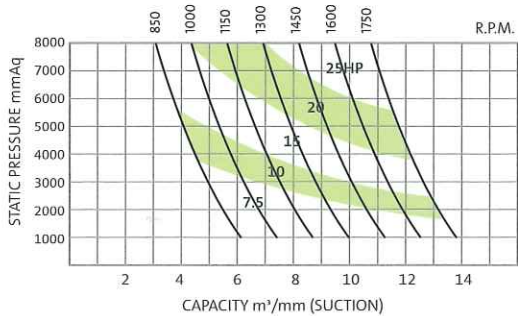
- Alloy steel hardened and ground timing gears
- Alloy steel toughened shafts ground to close tolerances
- No vanes, valves or rings to wear
- 100% oil free gas delivery
- Explosion-Proof
- Factory Engineered and factory guaranteed
- Anti-friction bearings
- Special purpose rotary oil seal
- Rigid one piece CI casing and side plates
- Horizontal and Vertical configurations available
- Easy rotor timing setting
- No vanes, valves or rings to wear
- Large inlet and outlet connections for minimum loss
- Improved volumetric efficiency and reduced operating temperatures

Construction & Material List

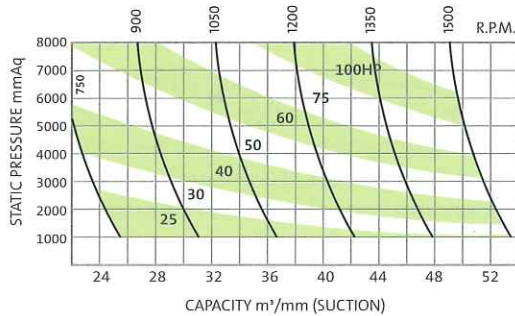


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|----|--------------------------|----|---------------|
| 1 | Gear Box | 12 | Oil Seal Case |
| 2 | Gear | 13 | Screw Nut |
| 3 | Bearing | 14 | Pulley |
| 4 | Bearing Case | 15 | Oil Seal |
| 5 | Side Cover | 16 | Oil Gauge |
| 6 | Oil Plug | 17 | Oil Drainer |
| 7 | Impeller | 18 | Cylinder |
| 8 | Eye Bolt | 19 | Shaft |
| 9 | Customised
Shaft Seal | 20 | Oil Gauge |
| 10 | Oil Box | 21 | Oil Drainer |
| 11 | Oil Splash | 22 | Oil Splash |

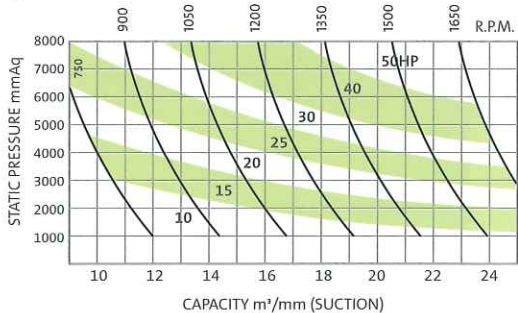
G100



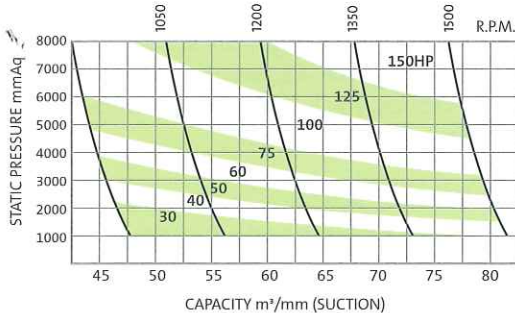
G200



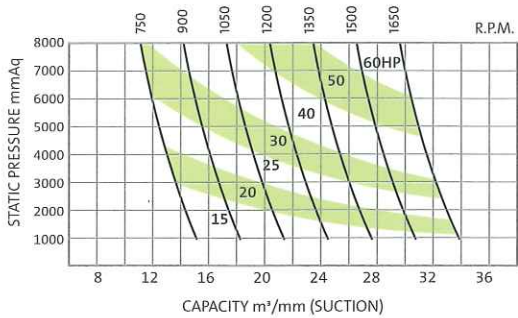
G125



G250



G150



G300

