

AirStar™ DSL

Dual Splash Lubrication Vacuum Pumps



Improving a Quality Product with Proven Design

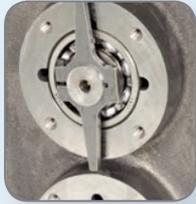
- The *AirStar DSL* continues *BouMatic's* tradition of providing innovative products to the dairy industry.
- Every *AirStar DSL* vacuum pump is manufactured in an ISO 9001 certified facility.
- Each *AirStar DSL* is individually tested to meet rigorous performance standards.
- *AirStar DSL* vacuum pumps are supported by a worldwide dealer network of experienced sales and service professionals.

Innovative Features & Benefits

- Oil lubrication on both gear and drive ends eliminates grease lubricant requirements.
- Engineered air gaps provide cooler operating temperatures for improved pump life.
- Spherical roller bearing on drive shaft helps to increase capacity for overhung load by as much as 30%.
 - Provides greater allowance for misaligned drives, and extends pump life
- Cylinder mass provides unmatched strength and rigidity allowing tighter clearances for increased efficiency.
- Improved timing method = improved reliability.
 - Easier and more cost effective to tear down and rebuild
- Will fit existing *AirStar* vacuum pump stands with simple modifications.
- The *BouMatic AirStar DSL* Warranty.
 - **24 months** from the date of invoice

Dual Splash Lubrication

1



- Reliable splash lubrication on both gear and drive ends for longer pump life
- One-piece oil slingers ensure efficient lubrication

Improved Timing = Improved Reliability

2

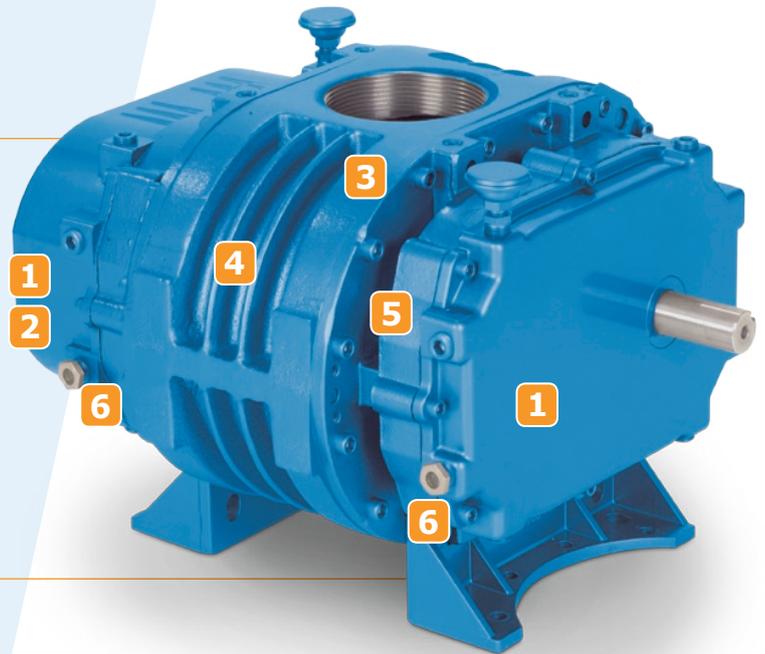


- Grip rings provide a secure, mechanical shrink fit
- Replaces pinning of timing gears
- Easier and more cost effective to tear down and rebuild

Single Piece Cylinder Provides Greater Strength & Rigidity

3

- Additional weight provides more rigidity to the pump allowing tighter clearances and greater efficiency



Cooler Operating Temperature Increases Pump Life

4 5

- Integral ribs (4) improve heat dissipation and performance
- Engineered air gaps (5) isolate oil sumps from hot air
- Innovative lubrication channels ensure lubrication reaches critical components

Site Glasses

6

- Installed on side of unit for improved viewing