

Roots® Blower



59 URAI

Part Number – 6511402x*

Repair Kit w/o Gears: 651120RK

*Replace “x” with shaft location (i.e., L=Left, T=Top, etc.)

- Shaft Configurations available: Left, Right, Top, Bottom
- Detachable steel mounting feet
- Rigid one-piece cast iron casing
- Connections in standard pipe sizes
- Straight, precision machined two-lobe impellers
- Splash oil lubricated gears
- Carburized and ground alloy steel spur timing gears
- Anti-Friction gears
- Ground steel shafts
- Center Timed for rotation in either direction

Also Available in:

- URAI-DSL (Dual Splash Lube)
- URAI-G (Gas)
- URAI-Metric

Direct Drop-in Replacement for:

- Sutorbilt Model 5LP
- Tuthill Model 5009

Quick Specs

| | |
|--------------------------------|-----------------|
| Flow Range | to 857 CFM |
| Max ΔPressure | 7 PSI |
| Max ΔVacuum | 15" Hg |
| Maximum RPM | 2850 |
| Minimum RPM | 763 |
| Max ΔT | 225°F |
| Connection Size | 4" FPT |
| Shaft Dia. | 1.125" |
| Min Sheave Dia. | 6" |
| Drive End Lubrication | Grease |
| Gear End Lubrication | Oil |
| Oil Sump Gear End Horiz Config | 27.6 oz |
| Oil Sump Gear End Vert Config | 16 oz |
| Bare Unit Weight | 204 lbs |
| Container | Box |
| Box Size (L x W x H) | 24" x 20" x 20" |
| Shipping Weight on Skid | ~254 lbs |
| Recommended to Ship Via | Truck |



Roots Authorized

Representative

Distributor

Packager

Repair Center

816-207-0090

Sound Enclosures

Custom Fabrication

Blower Packages

Valves, Gauges & Sensors

Spool Pieces

Blower Parts

Oil and Grease

Silencers & Filters

Filter Elements

Air Handling Equipment

Screw Conveyors

