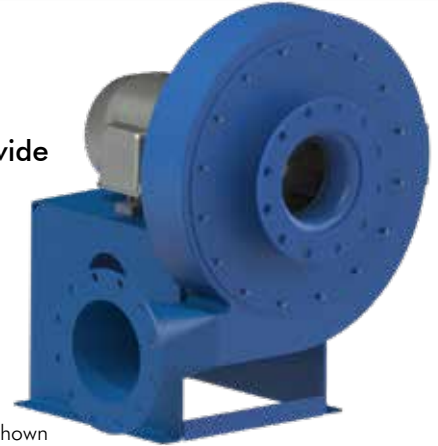


PB-PRESSURE BLOWERS

Shrouded optimized bladed design offers efficient and stable performance over a wide range of pressure and volume requirements. Inlet and outlet flanges are round for easy standard pipe duct connections. Suitable for a wide range of applications including combustion air, drying, conveying, cooling, and other process air systems.

- Sizes 14" - 26" wheel diameter
- Construction class 60
- Volume up to 10,250 CFM
- Pressure up to 66" WG
- Temperature range -30°F to 600°F
- Arrangements 1, 4, 4V, 8, 9, 10



Arrangement 1 Shown

WHEEL TYPE PB

Aluminum Wheel

- For clean air applications at all volumes
- Tapered shrouds
- Radial blades (slightly backward inclined)
- Operating temperatures up to 200°F
- Riveted construction



Aluminum Wheel
Construction

Steel Wheel

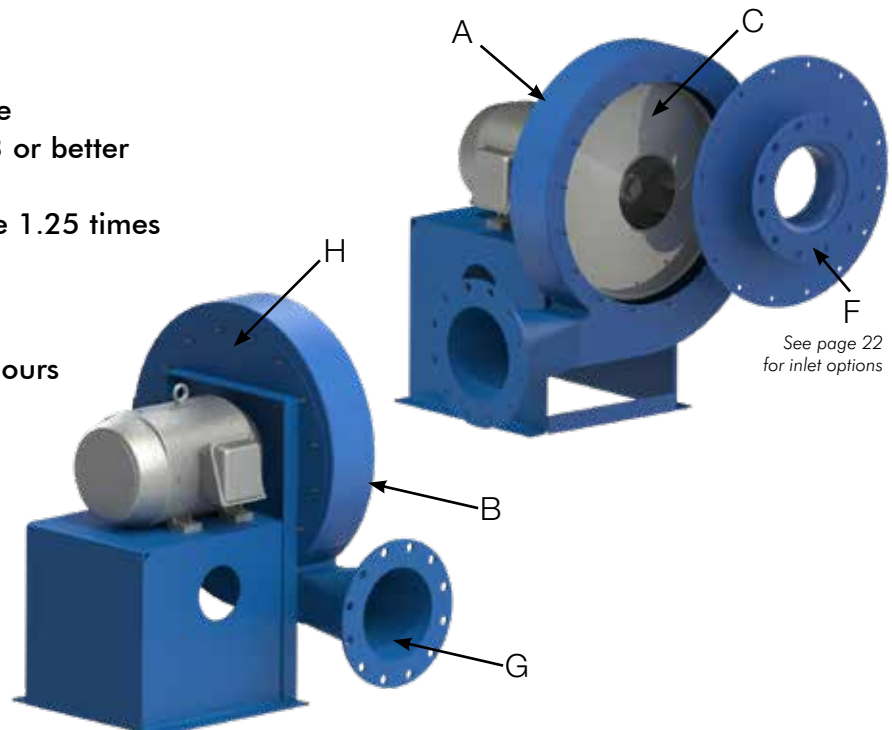
- For dust and light particulate applications
- Flat shrouds
- Radial blades
- Operating temperatures up to 600°F
- Welded construction



Steel Wheel
Construction

PB

- A. Continuously welded steel housing
- B. Fixed housing with any discharge angle
- C. All wheels are balanced to grade G6.3 or better
- D. Shafting is 1045 bearing grade TG&P
 - Sized for the first critical speed to be 1.25 times the max speed or higher
- E. Anti-friction pillow block bearings
 - Premium grease lubrication
 - Rated bearing life (L10) of 40,000 hours
- F. Inlet (flange style shown)
- G. Flanged outlet with mounting holes
- H. Lifting lugs for use in installation



ADDITIONAL FEATURES

- Extended lubrication lines for easy maintenance
- Standard IATC blue enamel paint

BCLS-BACKWARD CURVED LOWER VOLUME

Wheels are backwardly curved design for high efficiency, low noise used for low - medium and medium - high pressure applications where clean to lightly loaded air is present. Applications include primary air supply, product cooling, combustion air, drying, glass blowing and cooling, gas boosting, and pneumatic conveying.

- Sizes 27" – 73" wheel diameter
- Construction class 100
- Volume up to 95,000 CFM
- Pressure up to 80" WG
- Temperature range -30°F to 1000°F
- Arrangements 1, 4 & 8



Arrangement 1 Shown

WHEEL TYPE BCLS

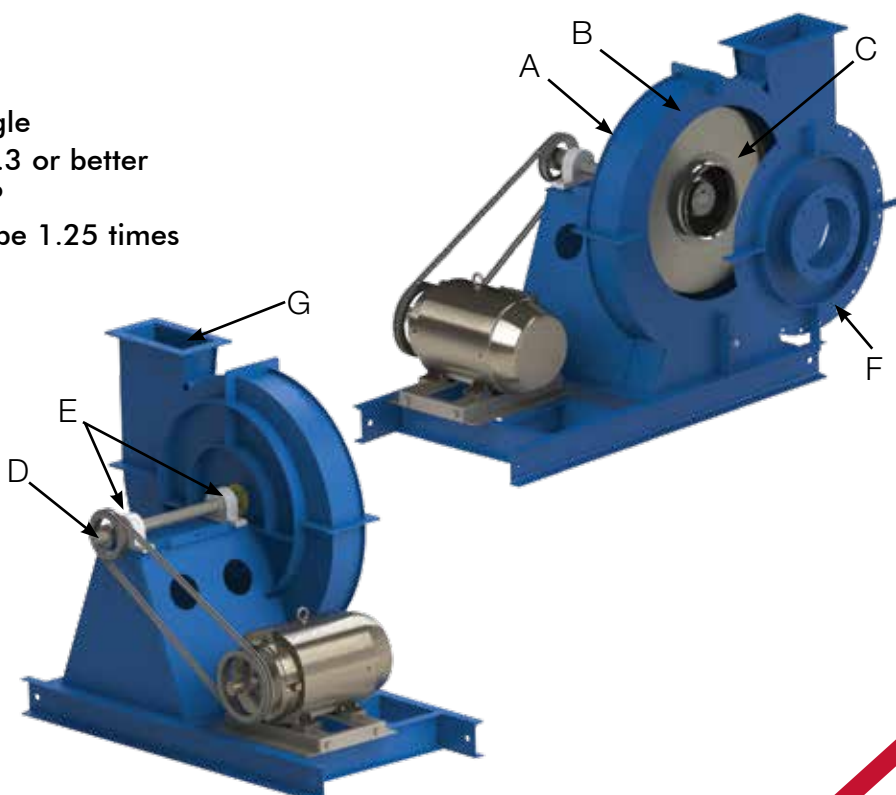
Steel Wheel

- For relatively clean air applications with little or no particulate
- Flat shroud
- Backward curved blades
- Operating temperatures up to 1000°F



BCLS

- A. Continuously welded steel housing
- B. Fixed housing with any discharge angle
- C. All wheels are balanced to grade G6.3 or better
- D. Shafting is 1045 bearing grade TG&P
 - Sized for the first critical speed to be 1.25 times the max speed or higher
- E. Anti-friction pillow block bearings
 - Premium grease lubrication
 - Rated bearing life (L10) of 100,000 hours
- F. Inlet (flange style shown)
- G. Flanged outlet with mounting holes



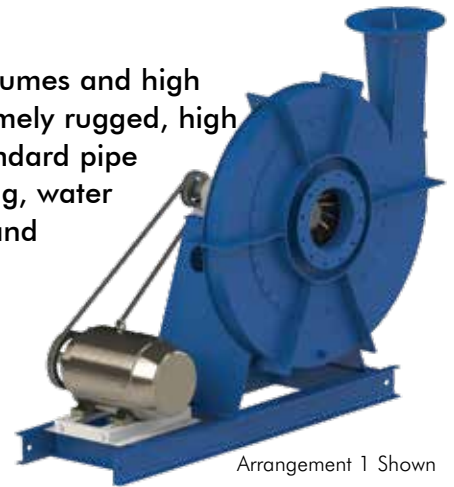
ADDITIONAL FEATURES

- Lifting lugs for use in installation
- Extended lubrication lines for easy maintenance
- Standard IATC blue enamel paint

TROH-TURBO RADIAL OPEN HIGH

Radially bladed wheel design for very stable operation at relatively low volumes and high pressures. Suitable for high temperature and turndown applications. Extremely rugged, high pressure construction with round inlet and outlet connections, for easy standard pipe duct connections. Applications include combustion air, cooling, gas boosting, water stripping, fluid beds, glass blowing, textile fiber stripping, product drying, and pneumatic conveying.

- Sizes 20" – 58" wheel diameter
- Construction class 100
- Volume up to 34,000 CFM
- Pressure up to 80" WG
- Temperature range -30°F to 1000°F
- Arrangements 1, 4, 8 & 9



Arrangement 1 Shown

WHEEL TYPE TROH

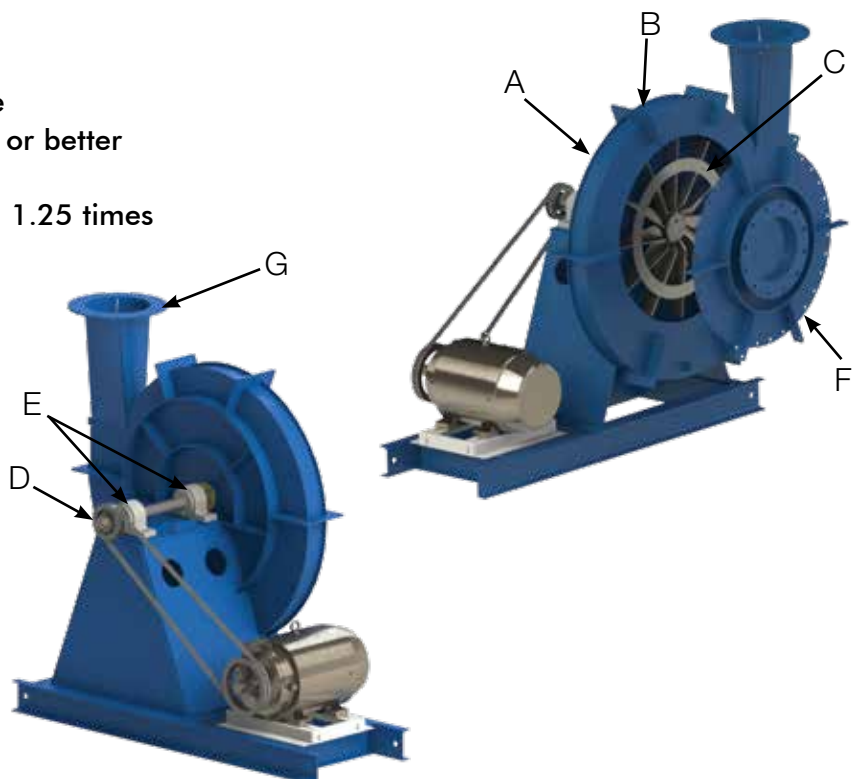
Steel Wheel

- For relatively clean air applications with little or no particulate
- No shroud
- Radial blades
- Operating temperatures up to 1000°F



TROH

- A. Continuously welded steel housing
- B. Fixed housing with any discharge angle
- C. All wheels are balanced to grade G6.3 or better
- D. Shafting is 1045 bearing grade TG&P
 - Sized for the first critical speed to be 1.25 times the max speed or higher
- E. Anti-friction pillow block bearings
 - Premium grease lubrication
 - Rated bearing life (L10) of 100,000 hours
- F. Inlet (flange style shown)
- G. Flanged outlet with mounting holes



ADDITIONAL FEATURES

- Lifting lugs for use in installation
- Extended lubrication lines for easy maintenance
- Standard IATC blue enamel paint

TROL-TURBO RADIAL OPEN LOW

Radially bladed wheel design for very stable operation at low volumes and high pressures. Suitable for high temperature and turndown applications. Extremely rugged, high pressure construction with round inlet and outlet connections, for easy standard pipe duct connections. Applications include combustion air, cooling, gas boosting, water stripping, fluid beds, glass blowing, textile fiber stripping, product drying, and pneumatic conveying.

- Sizes 20" – 60" wheel diameter
- Construction class 100
- Volume up to 15,000 CFM
- Pressure up to 85" WG
- Temperature range -30°F to 1000°F
- Arrangements 1, 4, 8 & 9



WHEEL TYPE TROL

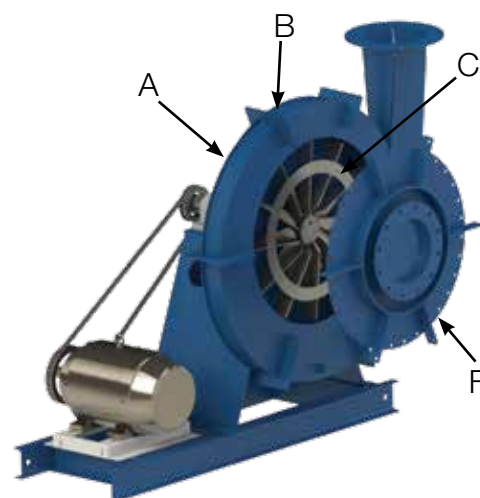
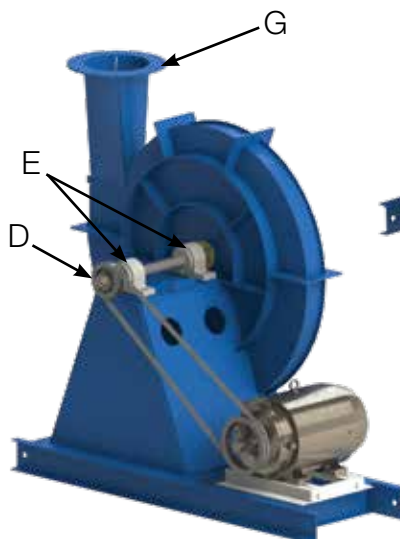
Steel Wheel

- For relatively clean air applications with little or no particulate
- No shroud
- Radial blades
- Operating temperatures up to 1000°F



TROL

- A. Continuously welded steel housing
- B. Fixed housing with any discharge angle
- C. All wheels are balanced to grade G6.3 or better
- D. Shafting is 1045 bearing grade TG&P
 - Sized for the first critical speed to be 1.25 times the max speed or higher
- E. Anti-friction pillow block bearings
 - Premium grease lubrication
 - Rated bearing life (L10) of 100,000 hours
- F. Inlet (flange style shown)
- G. Flanged outlet with mounting holes



ADDITIONAL FEATURES

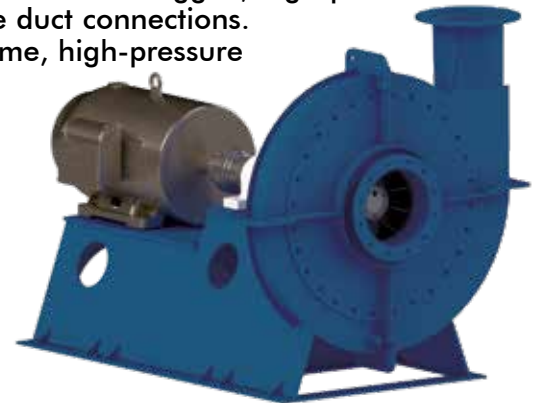
- Lifting lugs for use in installation
- Extended lubrication lines for easy maintenance
- Standard IATC blue enamel paint

HPRS-HIGH PRESSURE RADIAL SHROUDED

Shrouded, back-plated, and radially bladed wheel, designed for very stable operation at low volumes and very high pressures. Suitable for high temperature and turndown applications. Rugged, high-pressure construction with round inlet and outlet connections for standard pipe duct connections.

Airstream/Performance: Clean air to light duty dust loading, low volume, high-pressure applications. Applications: Pneumatic conveying, supply and exhaust fans, combustion air, distribution air, process, corrosive and high temperature applications.

- Sizes 18" – 71" wheel diameter
- Construction Class 100
- Volume up to 23,000 CFM
- Pressure up to 125" WG
- Temperature Range -30° to 1000°F
- Arrangements 1, 4, 8, 9



WHEEL TYPE HPRS

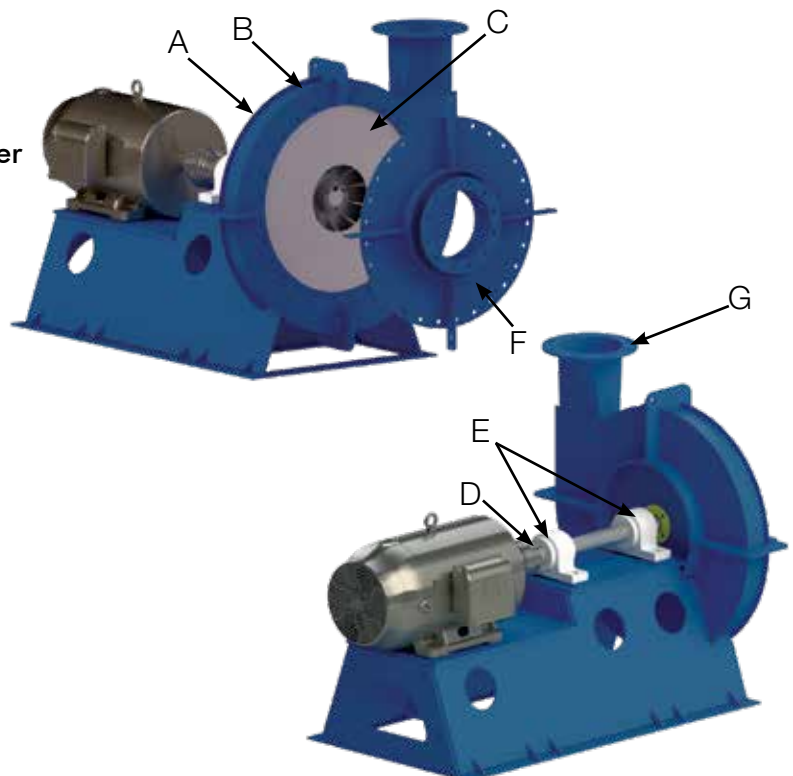
Steel Wheel

- For Relatively Clean Air Applications with Little or No Particulate
- Shrouded & Back-plated
- Radial blades
- Operating temperatures up to 1000°F



HPRS

- A. Continuously Welded Steel Housing
- B. Fixed Housing with Any Discharge Angle
- C. All Wheels are balanced to Grade G6.3 or Better
- D. Shafting is 1045 Bearing Grade TG&P
 - Sized for the first critical speed to be 1.25 times the max speed or higher
- E. Anti-Friction Pillow Block Bearings
 - Premium grease lubrication
 - Rated bearing life (L10) of 100,000 hours
- F. Inlet (flange style shown)
- G. Flanged Outlet with Mounting Holes



ADDITIONAL FEATURES

- Lifting Lugs for use in installation
- Extended Lubrication Lines for Easy Maintenance
- IATC Industrial Blue Enamel Paint