

## PROFESSIONAL K SERIES

**THE PILOT AIR PROFESSIONAL K SERIES, SETTING THE INDUSTRY STANDARD FOR OVER FORTY YEARS.**

### FEATURES

- Twin cast iron cylinder pump with low vibration and low speed for maximum durability
- Made in Italy – Premium quality
- Designed and built for heavy duty use
- High performance, heavy duty componentry ensures reliability and longevity
- Electric motor overload – helps protect against motor damage
- Air receiver manufactured to Australian Standard AS1210-3
- 3 Year pump warranty



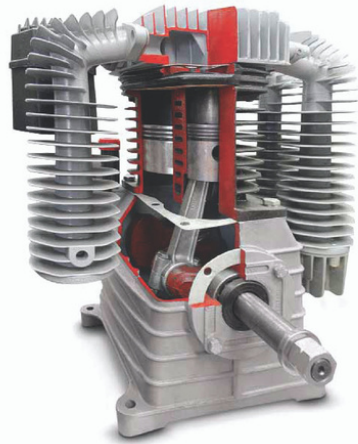
### SPECIFICATIONS

| Model  | Piston Displacement |      | Free Air Delivery |     | Motor Size |     | Max. Pressure |     | Cylinders | Receiver | Dimensions       | Weight |
|--------|---------------------|------|-------------------|-----|------------|-----|---------------|-----|-----------|----------|------------------|--------|
|        | L/Min               | CFM  | L/Min             | CFM | KW         | HP  | kPA           | PSI |           |          |                  |        |
| K11-50 | 227                 | 9.8  | 191               | 6.8 | 1.5        | 2.0 | 1000          | 145 | 2 (1)     | 50       | 830 x 400 x 750  | 55     |
| K17-50 | 390                 | 13.8 | 257               | 9.1 | 2.2        | 3.0 | 1000          | 145 | 2 (1)     | 50       | 830 x 400 x 770  | 60     |
| K17-90 | 390                 | 13.8 | 257               | 9.1 | 2.2        | 3.0 | 1000          | 145 | 2 (1)     | 90       | 1010 x 520 x 900 | 75     |

- Performance measured to AS4637
- Technical data conform s to +/- 5%. Pilot Air reserves the right to modification without notice for design and technical improvements.
- Warranty: 3 years on pump and 1 year on all components
- For over 40 years Pilot Air Compressors has been meeting the needs of industry. Ask us about your requirements.

**PILOT AIR ARE THE EXPERTS IN COMPRESSED AIR SOLUTIONS. WE PRIDE OURSELVES IN PROVIDING EXPERTISE, SUPPORT AND VALUE.**

The Classic "K" Series is a heavy duty range that includes belt driven single and two-stage compressors



## K-PUMP FEATURES

- Heavy Duty Service
- Strong and Reliable
- High Performance
- Long Life
- Low vibration
- Low Speed
- From 2 to 20 HP
- Max 11 BAR



### Bearings

- High quality ball bearings are the basis for ensuring a continuous service in all working conditions



### Crankshaft & Connecting Rod

- Crankshaft balanced w/ electronic equipment; no vibration
- Con-rod w/ low friction bushes to assure high efficiency & reduced wear



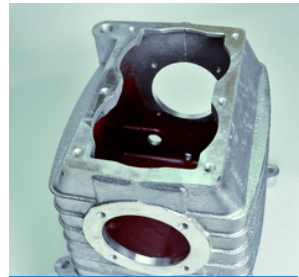
### Flywheels

- The profile of the blades of the flywheel are designed to ensure high cooling



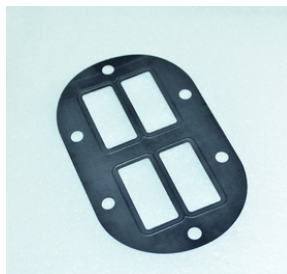
### Cylinders

- In cast iron: strong, reliable, heavy duty
- Special machining to assure low oil consumption



### Crankcase

- High capacity oil reservoir for extra oil life and lubrication
- Internal painting with resin against oil losses
- Thick casting ensures low vibration.



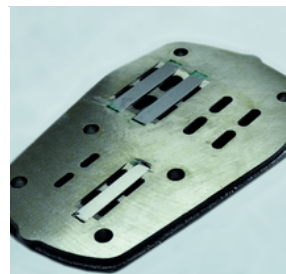
### Valve Gaskets

- In stainless steel w/ carryover of elastomers: assure perfect seal and long life in very harsh conditions



### Head

- Aluminium die casting for a better dissipation of heat w/ large fins for maximum cooling



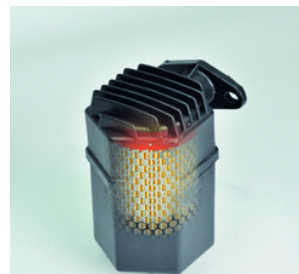
### Valve Plates

- Cast Iron, strong, reliable, long life
- Oversized air passage chamber for high temperature and high performance



### After Cooler

- Aluminium die casting for a better dissipation of heat
- Large fins for maximum cooling



### Filter

- Labyrinth system to reduce noise
- Large dust filter elements
- Long life