

Panther® HP 5:1

1. Panther® HP 5:1 Pump Description

The Balcrank Panther® HP 5:1 pumps shall distribute lubrication fluids up to 500 ft. (152 m) or up to 3 simultaneous dispense points. Panther® HP 5:1 pumps shall be engineered for performance and reliability to transfer fluid from drums, tanks, and totes. Panther® HP 5:1 pumps shall provide delivery of synthetic and mineral-based lubricants. Panther® HP 5:1 pumps shall be made in the USA.

2. Panther® HP 5:1 Models Available

- 1130-016** Carbon Steel stub
- 1130-018** Carbon Steel stub, Flange Mount
- 1130-021** Carbon Steel stub with a 2" bung adapter

3. Panther® HP 5:1 Pump Specifications

- 3.1. Pump shall have a 5:1 ratio
- 3.2. Pump shall have a 2.5" (63.5 mm) effective diameter displacement air motor valve-in-piston design with a 3.25" (82.55 mm) stroke
- 3.3. Pump shall have an air inlet port of 1/4" NPT (F)
- 3.4. Pump shall have a fluid inlet port shall of 1" NPT (F) and 1 1/2" NPT (M)
- 3.5. Pump shall have a fluid outlet port of 1/2" NPT (F)
- 3.6. Pump shall have a free flow of 6 gal/m (23 l/m) based on 100 psi (7 bar)
- 3.7. Pump shall have an operating air pressure of 10-150 psi (.7-10 bar)
- 3.8. Pump shall have an air consumption pressure at 100 psi (7 bar) & 3 gal/m (11 l/m) of 24.8 SCFM
- 3.9. Pump shall have a maximum fluid stall pressure of 760 psi (52 bar)
- 3.10. Pump shall have double acting positive displacement pump – delivers fast uniform, constant flow.
- 3.11. Pump shall have a divorced design: allowing the air motor valve and air piston assembly to be field serviced independently from the fluid piston assembly
- 3.12. Pump shall not exceed 57 cycles per gallon
- 3.13. Pump shall include pressure relief protection
- 3.14. Stainless steel pump rod - reduces corrosion and extends seal life
- 3.15. Pump shall have a mechanical valve and trip rod assembly

4. Materials

- 4.1. The wetted materials shall consist of Nickel-plated steel, Carbon steel, Buna-N™, Aluminum, Stainless steel, Nylon, and Ultrathane®.

5. Warranty

- 5.1. The Panther® HP 5:1 pump shall have a five-year extended: parts, labor, and mileage warranty (defects in materials and workmanship only).