

## MATERIALS of CONSTRUCTION

**Models**

**LB161B    LB361B    LB601B**  
**LB162B    LB362C    LB602C**

| Part Name  | Material                      |
|--|-------------------------------|
| Cylinder, Head, Valve Cap,<br>Distance Piece and Crosshead Guide | Ductile Iron: ASTM A536       |
| Connecting Rod   | Ductile Iron: ASTM A536       |
| Crosshead  | Gray Iron: ASTM A48           |
| Crankshaft   | Ductile Iron: ASTM A536       |
| Crankcase, Flywheel, Bearing Carrier                             | Gray Iron: ASTM A48           |
| Valve Seats & Stops  | Hardened Steel                |
| Valve Plates and Valve Springs                                   | Stainless Steel               |
| Piston Rods  | Steel, Black surface to 60 Rc |
| Pistons and Packing Boxes  | Steel                         |
| Wrist Pin  | Hardened Steel                |
| Piston Rings   | Carbon Filled PTFE            |
| Piston Ring Expanders  | Stainless Steel               |
| Rod Packing  | PTFE V-Rings                  |
| Bearings, Crank  | Tapered Roller                |
| Bearings, Rod  | Babbitt Lined Steel Backed    |
| Bushing, Wrist Pin   | Bronze Sleeve                 |
| Metal Gaskets  | Aluminum                      |
| Other Gaskets  | Fiber                         |
| O-rings  | Buna-N                        |

# MATERIALS of CONSTRUCTION

## Model LB942B

|   |                               |
|---|-------------------------------|
| Cylinder, Head, Piston,<br>Valve Cover Plate, Valve Cap | Ductile Iron, ASTM A536       |
| Crosshead Guide   | Ductile Iron, ASTM A536       |
| Connecting Rod  | Ductile Iron, ASTM A536       |
| Crosshead   | Gray Iron, ASTM A48           |
| Crankshaft  | Ductile Iron, ASTM A536       |
| Crankcase, Flywheel, Bearing Carrier                    | Gray Iron, ASTM A48           |
| Valve Seats & Stops                                     | Ductile Iron                  |
| Valve Plates  | PEEK                          |
| Valve Springs   | Stainless Steel               |
| Piston Rods   | Steel, Black Surface to 60 Rc |
| Packing Box   | Steel                         |
| Wrist Pin   | Hardened Steel                |
| Piston Rings  | Glass & Moly Filled PTFE      |
| Piston Ring Expanders                                   | Stainless Steel               |
| Rod Packing   | PTFE                          |
| Bearings, Crank   | Tapered Roller                |
| Bearings, Rod   | Babbitt Lined Steel Backed    |
| Bearings, Wrist Pin                                     | Steel Needle Bearings         |
| Valve Gaskets   | Iron                          |
| Other Gaskets   | Fiber                         |
| O-rings   | Buna-N                        |