



## MATERIALS of CONSTRUCTION

### Models

**LB081B   LB082B   LB161B   LB162B**  
**LB361B   LB362C   LB601B   LB602C**

Part Name	Material
Cylinder, Head, Distance Piece and Crosshead Guide	Ductile Iron: ASTM A536
Connecting Rod	Ductile Iron: ASTM A536, Steel
Crosshead	Gray Iron: ASTM A48
Crankshaft	Ductile Iron: ASTM A536
Crankcase	Iron
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 LB362D

Part Name	Material
Cylinder, Head, Distance Piece and Crosshead Guide	Ductile Iron: ASTM A536
Connecting Rod	Ductile Iron: ASTM A536, Steel
Crosshead	Gray Iron: ASTM A48
Crankshaft	Ductile Iron: ASTM A536
Crankcase	Iron
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	Steel Needle Bearings
Metal Gaskets	Aluminum
Other Gaskets	Fiber
O-rings	Buna-N



# MATERIALS of CONSTRUCTION

## Models LB942B LB943B

Part Name	Material
Cylinder, Head, Piston, 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	Iron
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

