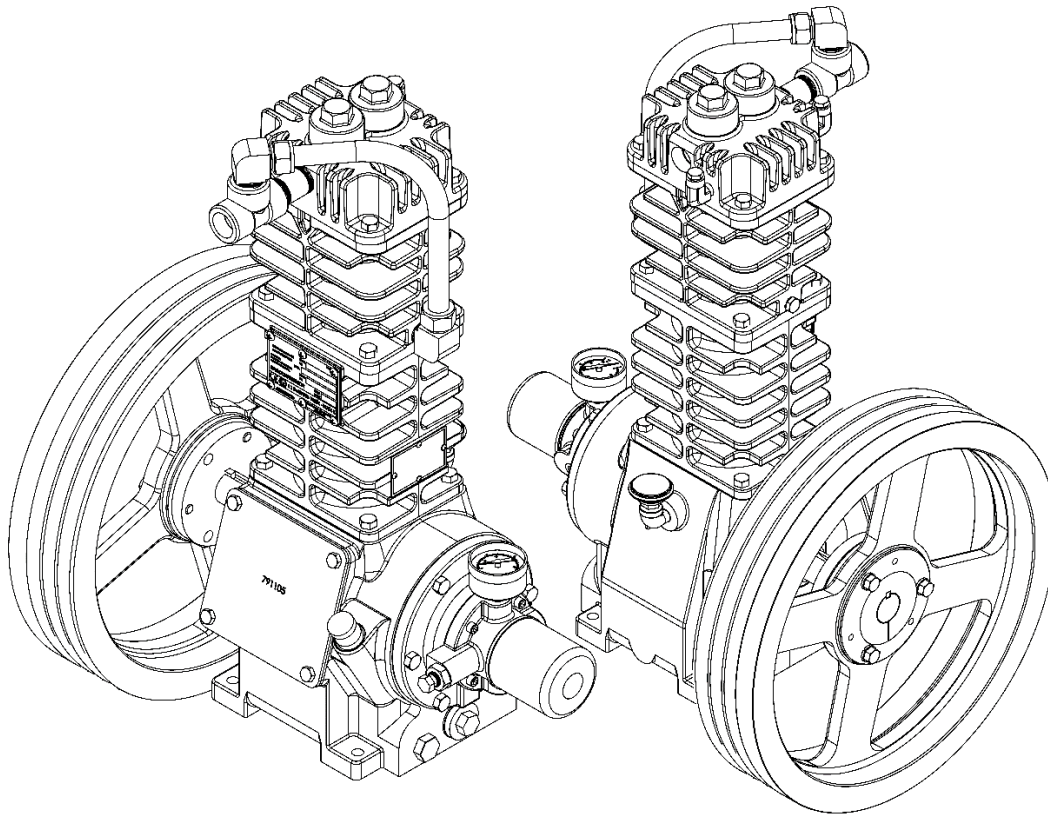


## LB081B PARTS LIST

Serial # \_\_\_\_\_

ID# \_\_\_\_\_



### Gasket Set, Repair Kits and Special Tools

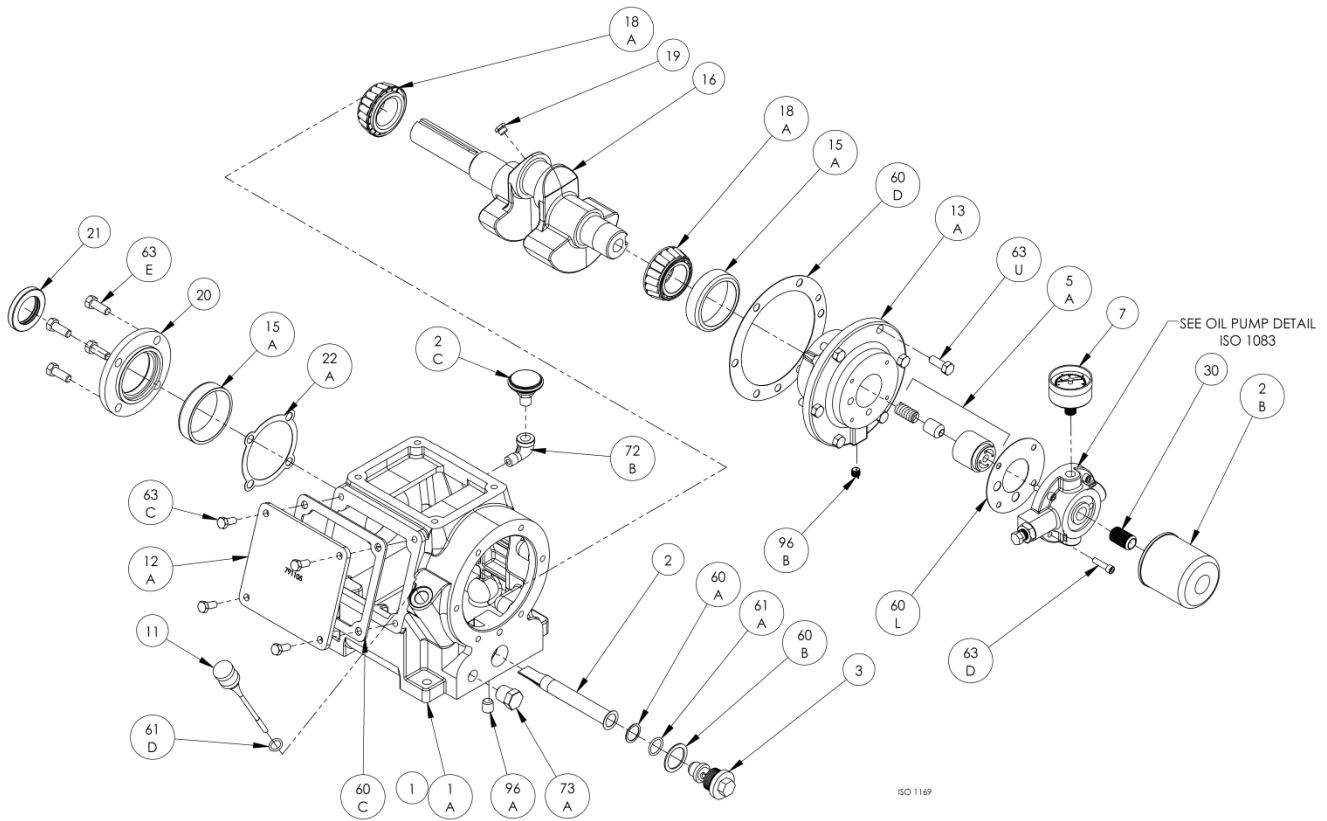
|  |                   |        |
|--|-------------------|--------|
| Gasket Set   | Buna-N & Aluminum | 791197 |
| Top End Repair Kit   |                   | 791129 |
| Includes Piston Rings & Expanders, Packing Sets, Valves, Gaskets<br>Oil Filter & O-rings     |                   |        |
| Intermediate Repair Kit  |                   | 791130 |
| Includes Top End Kit plus Wrist Pins & Bushings, Connecting Rod<br>Bearings, and Crossheads. |                   |        |
| Packing Installation Tool  |                   | 790536 |
| Spanner Wrench, 1/4" Adjustable  |                   | 790316 |
| Wrench for Valve Hold Down Screw   |                   | 790535 |
| Tool Kit   |                   | 790199 |

### Bulletins Needed For Complete Parts List

|           |        |
|-----------|--------|
| This page | 5E-080 |
| Crankcase | 5F-050 |
| Oil Pump  | 5G-011 |
| Flywheel  | 5H-010 |
| Crosshead | 5J-080 |
| Cylinder  | 5L-060 |
| Head      | 5M-040 |

Suggested Spare Parts for LB081B Compressors:

| Part #   | Description                                   |   | Qty./<br>Unit | Comm.<br>Qty. | Spare<br>Qty. |
|--|---|---|---------------|---------------|---------------|
| 791197   | Gasket Set - Buna-N, Aluminum                 | T | 1             | 1             | 1             |
| 792259   | Suction Valve Sub-Assembly                    | T | 1             |               | 1             |
| 792279   | Discharge Valve                               | T | 1             |               | 1             |
| 792018   | Piston Ring                                   | T | 3             | 3             | 3             |
| 792022   | Piston Ring Expander                          | T | 3             | 3             | 3             |
| 793499   | Packing Set                                   | T | 1             | 1             | 1             |
| 794726   | Oil Filter                                    | T | 1             |               | 1             |
| 792014   | Wrist Pin                                     | I | 1             |               | 1             |
| 792013   | Wrist Pin Bushing                             | I | 1             | 1             | 1             |
| 792012   | Conrod Bearing                                | I | 1             | 1             | 1             |
| The following parts would normally be required only for major compressor overhaul. |   |   |               |               |               |
| 792029   | Crosshead Assembly                            | I | 1             |               | 1             |
| 793142   | Bearing Cone                                  |   | 2             |               | 2             |
| 793126   | Bearing Cup                                   |   | 2             |               | 2             |
| 792009   | Conrod Assembly                               |   | 1             |               | 1             |
| 791257   | Crankshaft Assembly with Bearing Cones        |   | 1             |               |               |
| 793133   | Bearing Adjustment Shim Kit                   |   | 1             |               |               |
| 794760   | Oil Pump Repair Kit                           |   | 1             |               |               |
| 791201   | Cylinder                                      |   | 1             |               |               |
| The Following Spare Parts Kits Are Available                                       |   |   |               |               |               |
| 791129   | Top End Kit (Includes 'T' Parts)              |   |               |               |               |
| 791130   | Intermediate Kit (Includes 'T' and 'I' Parts) |   |               |               |               |



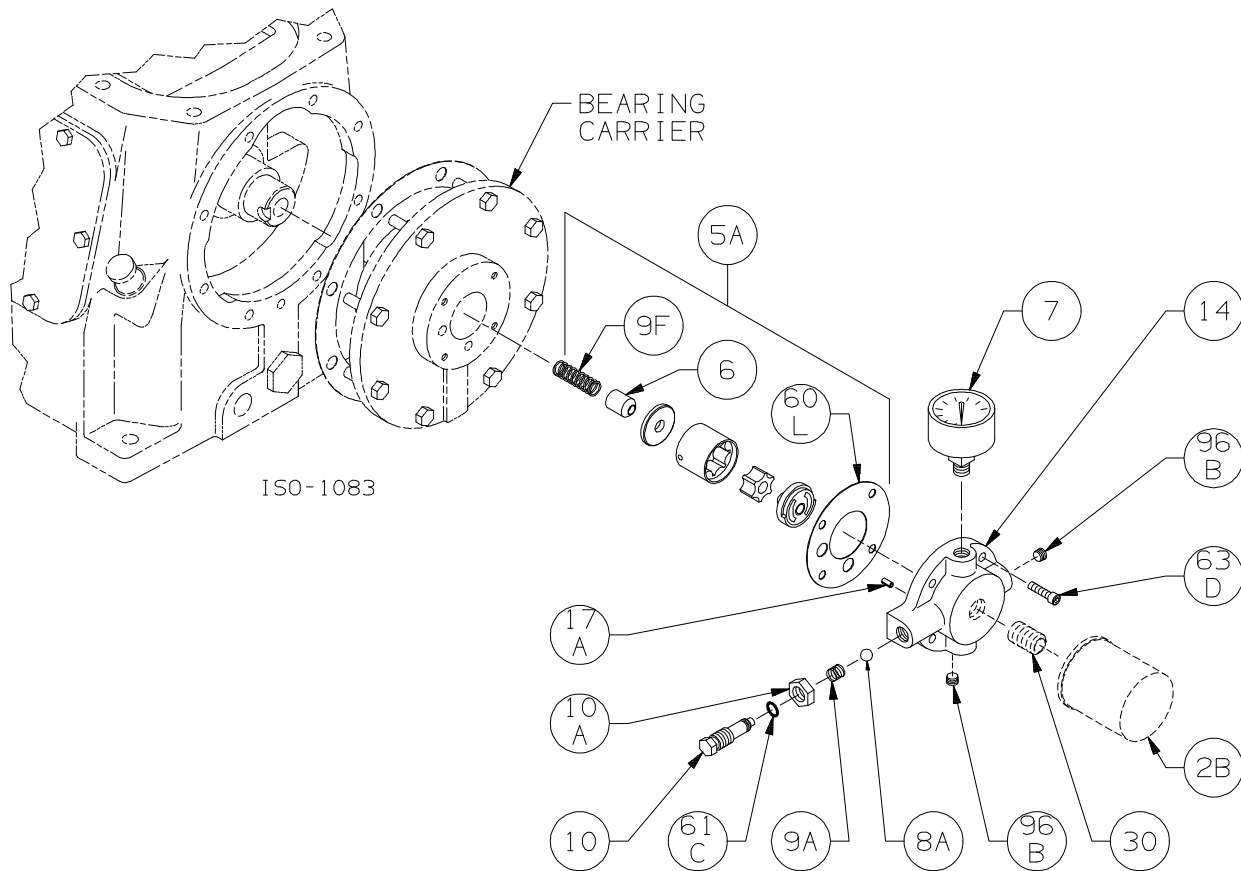
**Crankcase Assembly: Models LB081B, LB082B**

ISO1169

| Ref | Description                          | Qty | Part No |
|-----|--------------------------------------|-----|---------|
| 1   | Crankcase Assembly – with Oil Filter | 1   | 791241  |
| 1A  | Crankcase                            | 1   | 791202  |
| 2   | Oil Intake Screen                    | 1   | 792135  |
| 2B  | Oil Filter                           | 1   | 794726  |
| 2C  | Breather Filter                      | 1   | 792070  |
| 3   | Oil Screen Plug                      | 1   | 792145  |
| 5A  | Oil Pump Kit                         | 1   | 794760  |
| 7   | Oil Pressure Gauge                   | 1   | 790012  |
| 11  | Oil Bayonet Assembly                 | 1   | 792162  |
| 12A | Inspection Plate                     | 1   | 791105  |
| 13A | Bearing Carrier                      | 1   | 792104  |
| 15A | Bearing Cup                          | 2   | 793126  |
| 16  | Crankshaft Assembly (w/ 18A,19)      | 1   | 791257  |
| 18A | Bearing Cone                         | 2   | 793142  |
| 19  | Orifice                              | 1   | 792146  |
| 20  | Bearing Cover Plate                  | 1   | 793106  |
| 21  | Oil Seal                             | 1   | 793143  |

| Ref | Description                        | Qty | Part No |
|-----|------------------------------------|-----|---------|
| 22A | Bearing Adjustment Shim Kit        | 1   | 793133  |
| 30  | Oil Filter Fitting                 | 1   | 794725  |
| 60A | Gasket - Oil Screen *              | 1   | 792136  |
| 60B | Gasket - Oil Screen Plug *         | 1   | 792123  |
| 60C | Gasket - Inspection Plate *        | 1   | 791222  |
| 60D | Gasket - Bearing Carrier Assembly* | 1   | 792124  |
| 60L | Gasket - Oil Pump Cover *          | 1   | 794721  |
| 61A | O-Ring - Oil Screen *              | 1   | 792175  |
| 61D | O-Ring - Oil Bayonet *             | 1   | 792174  |
| 63C | Capscrew - Hex Hd                  | 4   | 793116  |
| 63D | Capscrew - Soc Hd                  | 4   | 790559  |
| 63E | Capscrew - Hex Hd                  | 4   | 792093  |
| 63U | Capscrew - Hex Hd                  | 6   | 792093  |
| 72B | Elbow                              | 1   | 790453  |
| 73A | Pipe Plug                          | 1   | 792166  |
| 96A | Pipe Plug                          | 1   | 790488  |
| 96B | Pipe Plug                          | 1   | 790309  |

\* Included in Gasket Sets



**Oil Pump Detail:**

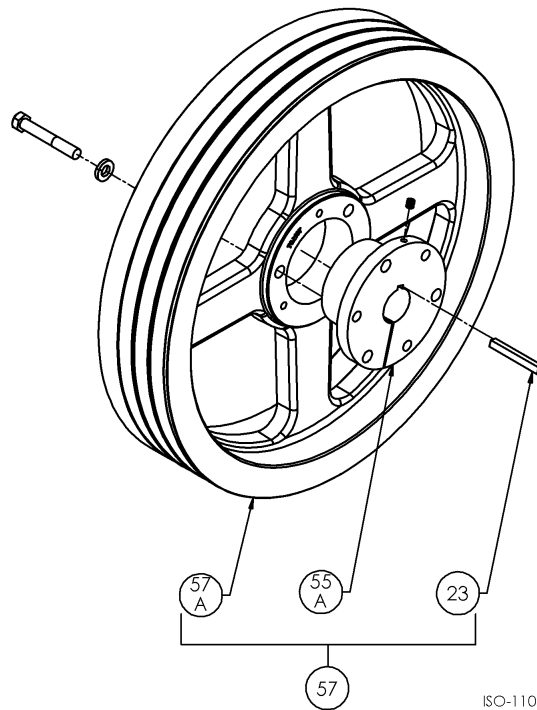
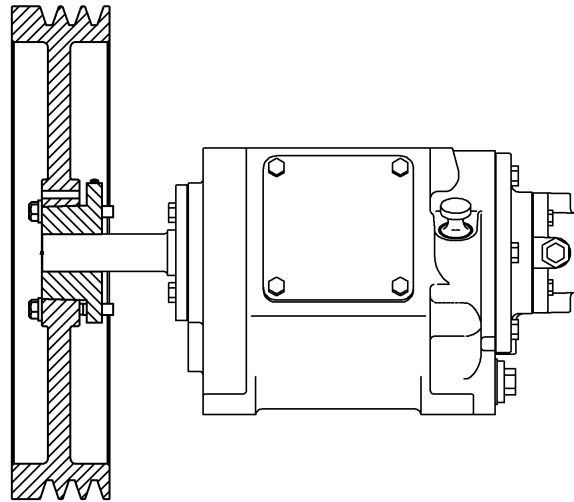
Models LB081B, LB082B, LB161B, LB162B, LB361B, LB362C,  
LB601B, LB602B, LB602C, LB942A, LB942B, LB943B

ISO1083

| Ref | Description                    | Qty | Part No |
|-----|--------------------------------|-----|---------|
| 2B  | Oil Filter                     | 1   | 794726  |
| 5A  | Oil Pump Kit (with 6, 9F, 60L) |     | 794760  |
| 6   | Oil Pump Cone                  | 1   | 794750  |
| 7   | Oil Pressure Gauge             | 1   | 790012  |
| 8A  | Oil Pressure Adj. Ball         | 1   | 792154  |
| 9A  | Oil Pressure Adj. Spring       | 1   | 792153  |
| 9F  | Oil Pump Spring                | 1   | 794751  |
| 10  | Oil Pressure Adj. Screw        | 1   | 792148  |
| 10A | Locknut                        | 1   | 792152  |

| Ref | Description  | Qty | Part No |
|-----|--|-----|---------|
| 14  | Oil Pump Cover Assembly - For Filter               | 1   | 794764  |
|     | Oil Pump Cover Assembly<br>(both include 17A, 96B) |     | 794763  |
| 17A | Roll Pin   | 1   | 794753  |
| 30  | Oil Filter Fitting                                 | 1   | 794725  |
| 60L | Gasket - Oil Pump Cover *                          | 1   | 794721  |
| 61C | O-Ring - Adjusting Screw *                         | 1   | 792168  |
| 63D | Capscrew - Socket Head                             | 4   | 790559  |
| 96B | Pipe Plug  | 2   | 790309  |

\* Included in Gasket Sets



**Flywheel Assembly:**

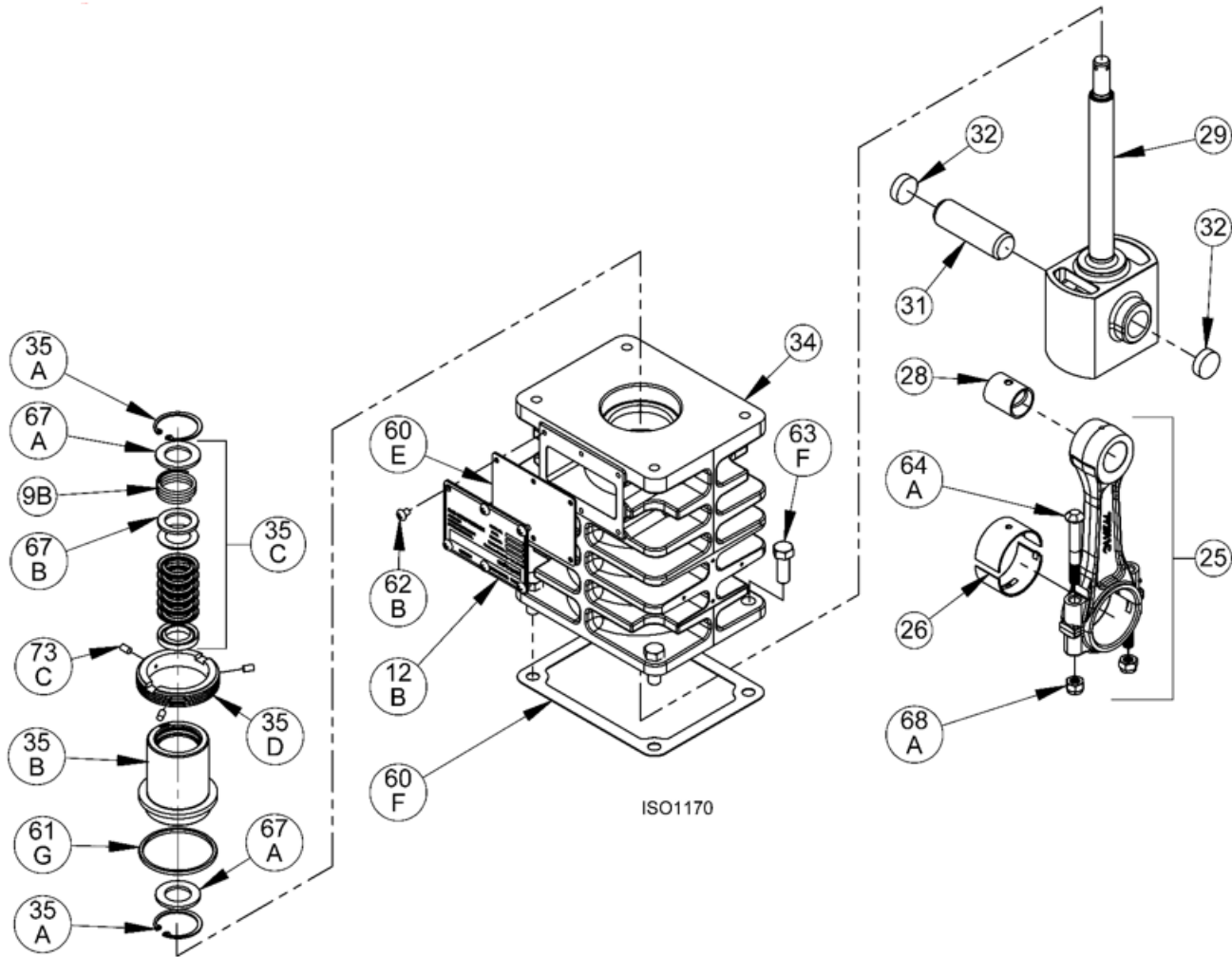
Models LB081B, LB082B, LB161B, LB162B

| Ref | Description       | Qty | Part No |
|-----|-------------------|-----|---------|
| 23  | Key               | 1   | 792167  |
| 55A | Hub (SF 1.25")    | 1   | 790563  |
| 57  | Flywheel Assembly | 1   | 792073  |
| 57A | Flywheel          | 1   | 792197  |

S1106

Models LB361B, LB362C

| Ref | Description       | Qty | Part No |
|-----|-------------------|-----|---------|
| 23  | Key               | 1   | 793167  |
| 55A | Hub               | 1   | 790143  |
| 57  | Flywheel Assembly | 1   | 793047  |
| 57A | Flywheel          | 1   | 792197  |



Crosshead Assembly: Models LB081B

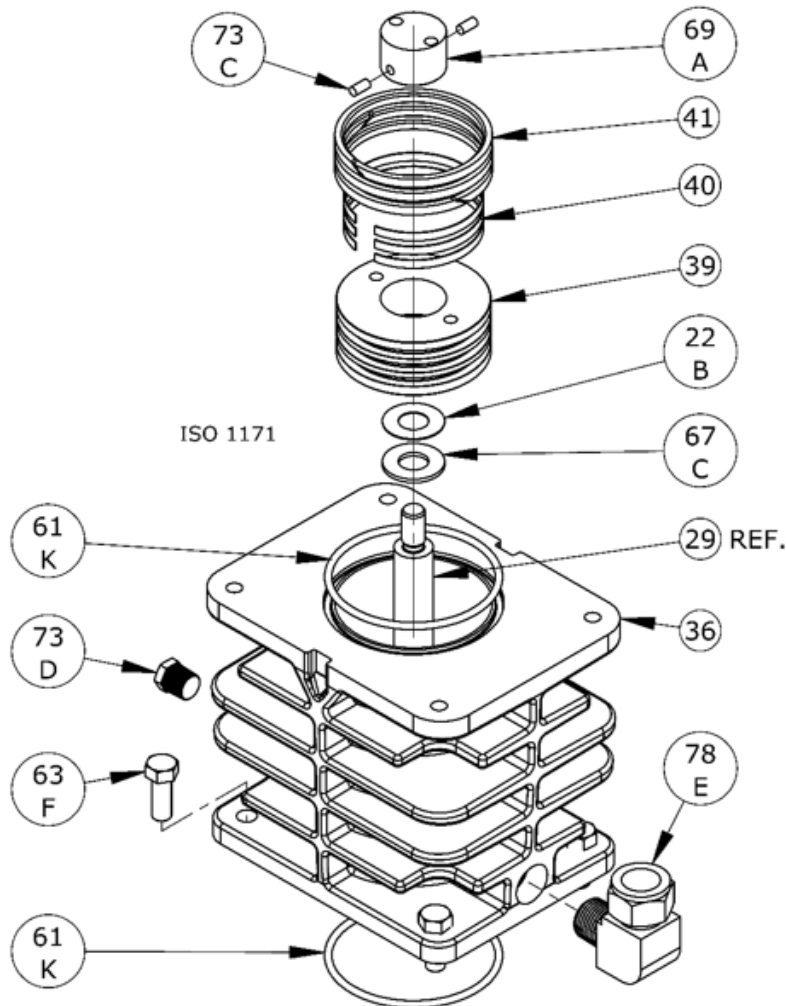
| Ref | Description             | Qty | Part No |
|-----|-------------------------|-----|---------|
| 9B  | Packing Spring          | 1   | 792077  |
| 12B | Inspection Plate        | 1   | 791217  |
| 25  | Connecting Rod Assembly | 1   | 792009  |
| 26  | Connecting Rod Bearing  | 1   | 792012  |
| 28  | Wrist Pin Bushing **    | 1   | 792013  |
| 29  | Crosshead Assembly      | 1   | 792029  |
| 31  | Wrist Pin               | 1   | 792014  |
| 32  | Wrist Pin Plug          | 2   | 792178  |
| 34  | Crosshead Guide         | 1   | 791291  |
| 35A | Retainer Ring           | 2   | 792088  |
| 35B | Packing Box             | 1   | 793221  |
| 35C | Packing Set             | 1   | 793499  |

ISO1170

| Ref | Description                      | Qty | Part No |
|-----|----------------------------------|-----|---------|
| 35D | Hold Down Ring                   | 1   | 793220  |
| 60E | Gasket - Inspection Plate *      | 1   | 791292  |
| 60F | Gasket - Crankcase *             | 1   | 791221  |
| 61G | O-Ring (Buna-N) Std *            | 1   | 792125  |
| 62B | Machine Screw - Inspection Plate | 6   | 793096  |
| 63F | Capscrew - Hex Hd                | 4   | 792093  |
| 64A | Connecting Rod Bolt              | 2   | 792006  |
| 67A | Washer - Packing Box             | 2   | 792083  |
| 67B | Washer - Packing Spring          | 1   | 792087  |
| 68A | Connecting Rod Bolt Nut          | 2   | 792005  |
| 73C | Lock Plug *                      | 3   | 792030  |

\* Included in Gasket Sets

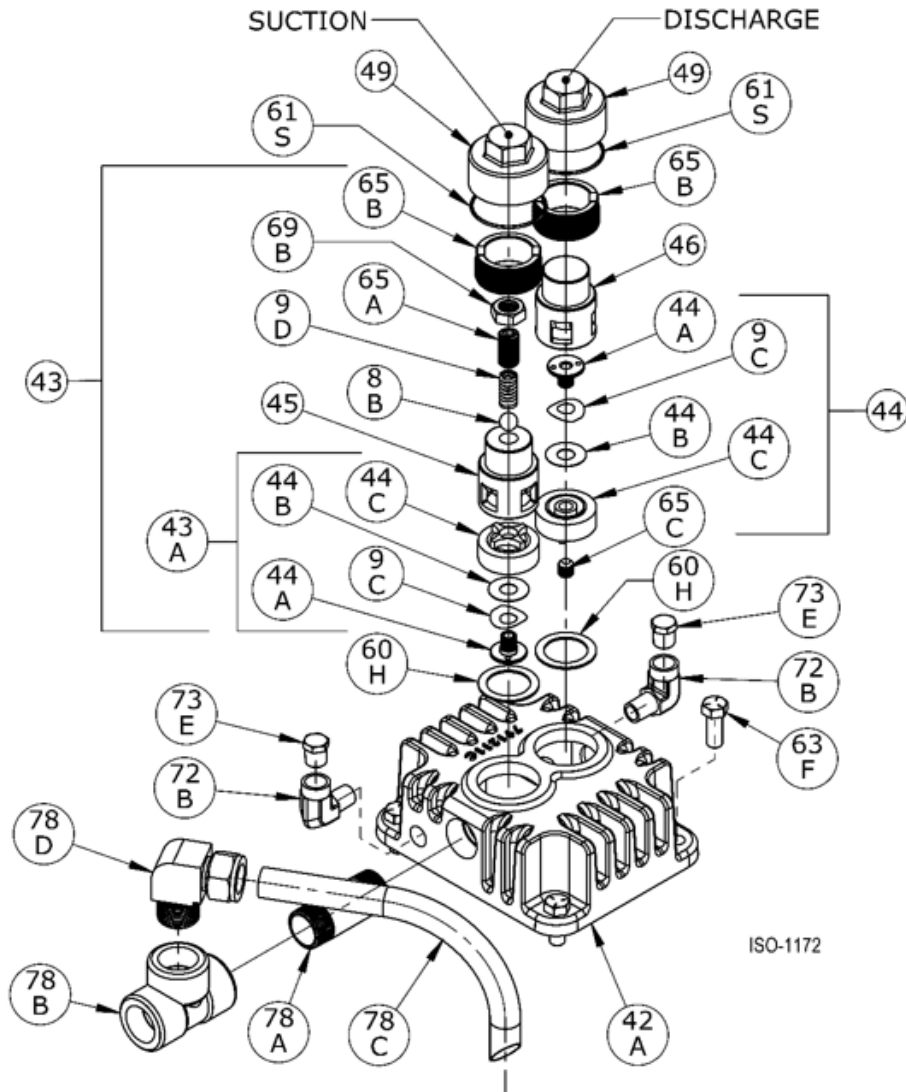
\*\* Must be honed after installing



Cylinder Assembly: Model LB081B, LB082B ISO1171

| Ref | Description                | Qty | Part No |
|-----|----------------------------|-----|---------|
| 22B | Piston Shim - 0.015        | AR  | 792034  |
|     | Piston Shim - 0.007        | AR  | 792050  |
| 36  | Cylinder                   | 1   | 791201  |
| 39  | Piston                     | 1   | 792031  |
| 40  | Expander                   | 3   | 792022  |
| 41  | Piston Ring                | 3   | 792018  |
| 61K | O-Ring *                   | 2   | 792112  |
| 63F | Capscrew - Hex Hd          | 4   | 792093  |
| 67C | Thrust Washer              | 1   | 792033  |
| 69A | Piston Nut                 | 1   | 793022  |
| 73C | Lock Plug *                | 2   | 793028  |
| 73D | Pipe Plug                  | 1   | 793498  |
| 78E | Tubing Elbow, Suction Pipe | 1   | 790392  |

\* Included in Gasket Sets



Head Assembly: Models LB081B, LB082B

ISO1172

| Ref | Description                | Qty | Part No |
|-----|----------------------------|-----|---------|
| 8B  | Liquid Relief Valve Ball   | 1   | 792042  |
| 9C  | Valve Spring               | 2   | 792038  |
| 9D  | Liquid Relief Valve Spring | 1   | 792045  |
| 42A | Head                       | 1   | 791211  |
| 43  | Suction Valve Assembly     | 1   | 792269  |
| 43A | Valve Sub-Assembly         |     | 792259  |
| 44  | Discharge Valve Assembly   | 1   | 792279  |
| 44A | Valve Bumper               | 2   | 792235  |
| 44B | Valve Disc                 | 2   | 792037  |
| 44C | Valve Body                 | 2   | 792236  |
| 45  | Liquid Relief Valve Body   | 1   | 792046  |
| 46  | Cage                       | 1   | 792051  |
| 49  | Valve Cap                  | 2   | 792003  |

| Ref | Description               | Qty | Part No |
|-----|---------------------------|-----|---------|
| 60H | Gasket - Valve *          | 2   | 792107  |
| 61S | O-Ring *                  | 2   | 792306  |
| 63F | Capscrew - Hex Hd         | 4   | 792093  |
| 65A | Liquid Relief Valve Screw | 1   | 792043  |
| 65B | Valve Hold Down Screw     | 2   | 792002  |
| 65C | Screw                     | 1   | 792234  |
| 69B | Nut                       | 1   | 792044  |
| 72B | Elbow                     | 2   | 790296  |
| 73E | Pipe Plug                 | 2   | 793498  |
| 78A | Nipple, Suction Pipe      | 1   | 790541  |
| 78B | Tee, Suction Pipe         | 1   | 790121  |
| 78C | Tubing, Suction Pipe      | 1   | 791295  |
| 78D | Elbow, Suction Pipe       | 1   | 790391  |

\* Included in Gasket Sets