

NOTE:

Fill with three quarts SAE 30 wt. non-detergent oil.
 Test pump for 15 minutes.
 Pump rust preventive solution through valve chamber.
 Drain oil.
 Purge valve chamber with compressed air.
 Stamp nameplate as follows:

| | | | |
|---------------------|--------------------|------------------|--|
| FMC | | Bean Pump | |
| Intermittent Rating | Continuous Rating | Part No. | |
| 9.7 H.P. @ 700 PSI | 6.6 H.P. @ 600 PSI | Serial No. | |
| KW @ KPa | KW @ KPa | US Patents | |
| Max. Cap. 2.0 GPM | L/Min @ 625 RPM | | |

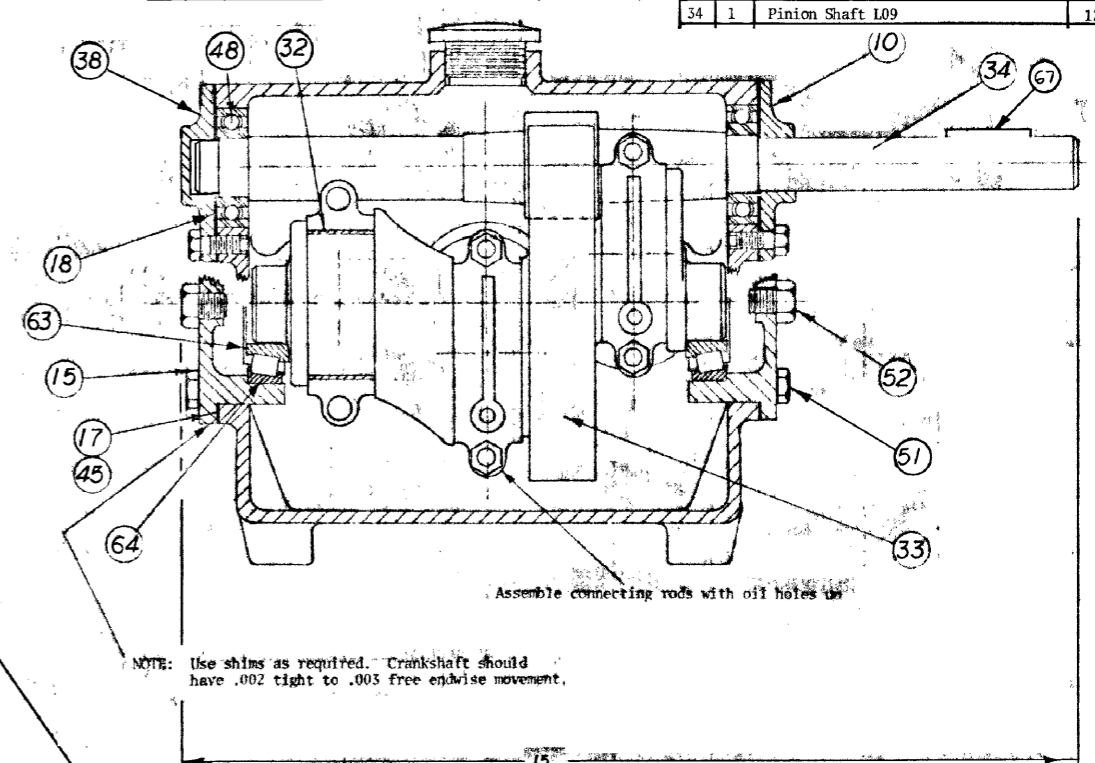
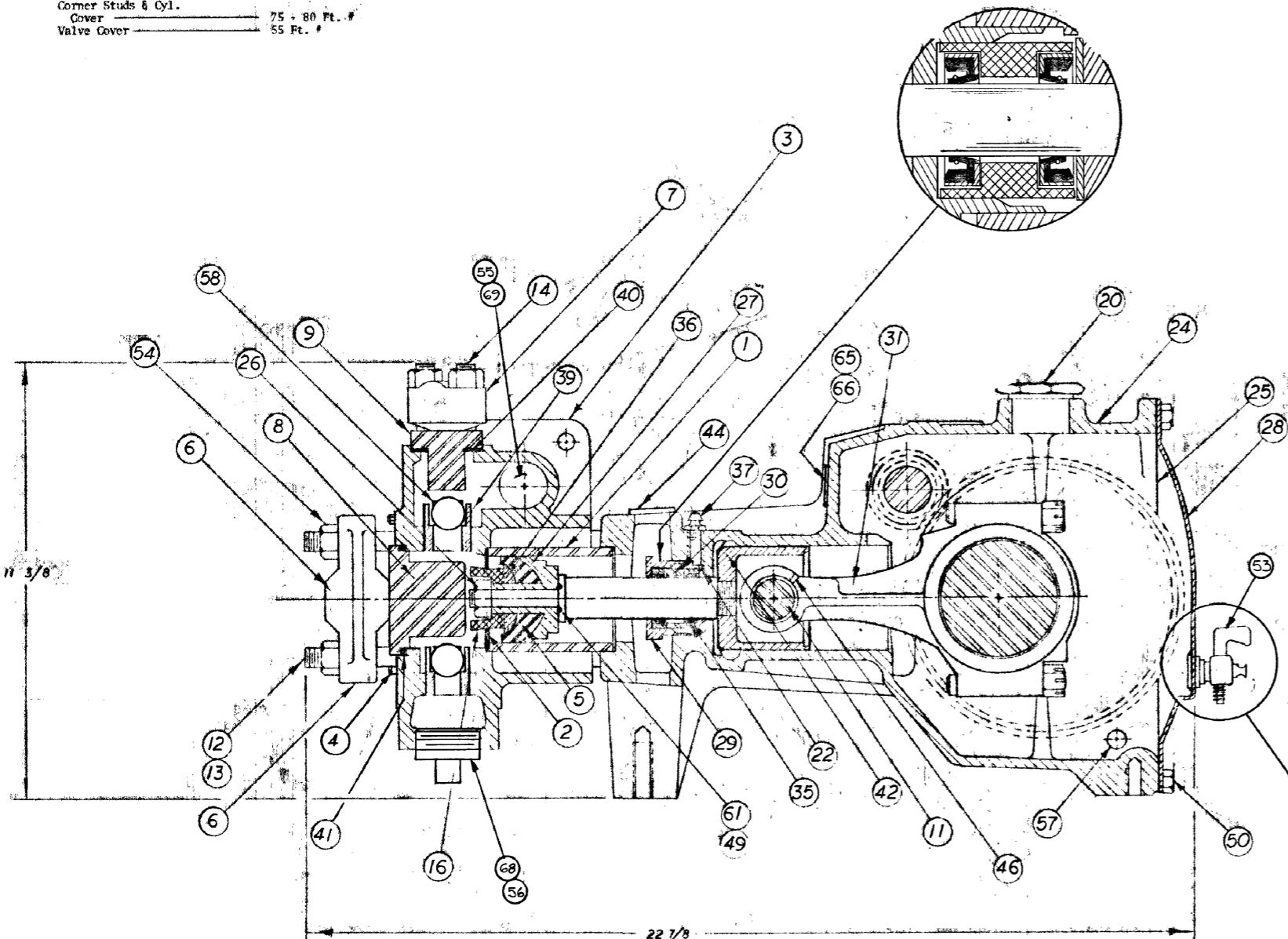
Bolt and Nut Torques:

| | |
|---------------------|---------------|
| Connecting Rods | 40 - 45 Ft. # |
| Bearing Cover | 30 - 35 Ft. # |
| Corner Studs & Cyl. | |
| Cover | 75 - 80 Ft. # |
| Valve Cover | 55 Ft. # |

| | | | | | |
|----|----|---|--------------------|---------|---|
| I1 | 67 | 1 | KEY 1/4 SQ x 1 3/4 | 1187572 | N |
| I3 | 68 | 2 | PLUG 1/2 PIPE | 1105105 | N |
| I4 | 69 | 1 | PLUG 1 PIPE | 1105077 | N |

| | | | | |
|----|----|-------------------------------------|---------|---|
| 35 | 6 | Plunger Rod Seal | 1283603 | A |
| 36 | 3 | Washer | 1207289 | A |
| 37 | 3 | 1/8 Lube Ftg Str C/Z Lincoln #5000 | 1100759 | N |
| 38 | 1 | Bearing Cap | 1225769 | A |
| 39 | 6 | Valve Seat | 1225327 | A |
| 40 | 3 | Gasket Valve Cover 420 | 1280026 | A |
| 41 | 3 | Gasket Cyl Hd 420 | 1280025 | A |
| 42 | 3 | Crosshead and Rod | 1250876 | B |
| 43 | | | | |
| 44 | 1 | Cover Plate Assembly | 1214260 | B |
| 45 | 5 | Shims | 1252594 | A |
| 46 | 6 | Set Sc 5/16-18 x 1/2 | 1103470 | N |
| 47 | | | | |
| 48 | 2 | Ball Brg 1.181B Single Row NDI206 | 1104444 | N |
| 49 | 3 | Packing Cup Seal | 1281655 | A |
| 50 | 14 | HHCS 3/8-16 x 1/2 GR2 Pln | 1106910 | N |
| 51 | 12 | HHCS 3/8-16 x 3/4 | 1100068 | N |
| 52 | 2 | HHCS 1/2-13 x 3/4 GR2 Pln | 1106980 | N |
| 53 | 1 | PETCOCK 1/8 BRASS | 1187039 | N |
| 54 | 14 | Hex Nut 1/2-13 | 1121511 | N |
| I4 | 55 | Caplug Int 14 | 1177201 | N |
| I5 | 56 | Caplug Int 20S | 1177203 | N |
| 57 | 2 | 1/2 Plug Magnetic Sq Hd M-Iron | 1187048 | N |
| 58 | 6 | 7/8" Ball 440 SS CR-100 | 1101418 | N |
| 59 | | | | |
| 60 | 1 | LOCK WASHER 3/8 MED 9/2 | 1100243 | N |
| 61 | 3 | O Ring 5/8 OD x 1/16 Buna-N A70 | 1101176 | N |
| 62 | | | | |
| 63 | 2 | Cone Brg 1-9/16" Tim #26881 Type TS | 1101242 | N |
| 64 | 2 | Cup Bearing 3.125D Tim #26882 | 1177287 | N |
| H | 65 | Nameplate | 5262738 | A |
| 66 | 2 | Screw 4 x 3/16 Tapg | 1187413 | N |

| ITEM NO. | NO REQD. | DESCRIPTION | PART NUMBER | FWG STZ. | P. S. |
|----------|----------|---------------------------|-------------|----------|-------|
| 1 | 3 | Cyl, 2-1/4D, Ceramic | 1272060 | A | |
| 2 | 6 | Gasket Cyl 420 Pum | 1280024 | A | |
| 3 | 1 | Valve Chamber 420CD | 1255266 | B | |
| 4 | 6 | 1/8 Pipe Plug Blk 3000# | 11009973 | N | |
| 5 | 3 | Packing 2 1/4 Cobox | 5260052 | A | |
| 6 | 3 | Clamp, Cyl Head | 1271415 | A | |
| 7 | 3 | Clamp, Valve Cover | 1271716 | A | |
| 8 | 3 | Cyl Head | A5002 | A | |
| 9 | 3 | Valve Cover | A5003 | A | |
| 10 | 1 | Bearing Cap | A5005 | A | |
| 11 | 3 | Pin | A5006 | A | |
| 12 | 2 | Stud Cyl | A5009 | A | |
| 13 | 6 | Cyl Cover Stud | A5011 | A | |
| 14 | 6 | Valve Clamp Stud | A5012 | A | |
| 15 | 2 | Bearing Housing | 1279064 | B | |
| 16 | 3 | Plunger Nut | A5016 | A | |
| 17 | 2 | Gasket | A5025 | A | |
| 18 | 2 | Gasket | A5026 | A | |
| 19 | | | | | |
| 20 | 1 | Oil Cap | A5054 | B | |
| 21 | | | | | |
| 22 | 3 | Packing Washer L09 | 1283602 | A | |
| 23 | | | | | |
| 24 | 1 | Pump Case L09 | 5260537 | D | |
| 25 | 1 | Cover Gasket | 1279065 | A | |
| 26 | 3 | Spec Nut | 8309 | A | |
| 27 | 3 | Cup Form | 8495 | A | |
| 28 | 1 | Cover Assembly | 1279063 | B | |
| 29 | 3 | Packing Nut | 1283600 | A | |
| 30 | 3 | Sleeve | 1283601 | A | |
| 31 | 3 | Connect Rod L09 | 18710 | C | |
| 32 | 6 | Bearing Eccentric | 19883 | B | |
| 33 | 1 | Eccentric & Gear Assembly | 1279071 | B | |
| 34 | 1 | Pinion Shaft L09 | 1265098 | B | |



NOTE: Use shims as required. Crankshaft should have .002 tight to .003 free endwise movement.

NOTE: WIRE PETCOCK TO VALVE CHAMBER BEFORE SHIPPING.

NOTE: ITEM (67) SHOULD BE TAPED TO ITEM (34) PINION SHAFT.

| | | | | | | |
|--------------|----------------------------|-----------|---------|-------------------------------------------------|----------|---------------------------------------------------------------------------|
| J | MODULIZED BOM | SP | 1/22/88 | TOLERANCE ON DIMENSIONS NOT OTHERWISE SPECIFIED | FMC | FMC Corporation Agricultural Machinery Division Jonesboro, Arkansas |
| I | NUMEROUS CHANGES | DW | 9/7/82 | FRACTIONAL | DECIMAL | ANGULAR |
| H | WAS 1276364 | DW | 4 2 81 | D HALL | | |
| G | REDRAWN THRU (G) NO CHANGE | DW | 5-15-80 | CHECKED | | |
| SYN | REVISIONS | BY | DATE | APPROVED | | |
| TOTAL WEIGHT | TOTAL WELD | PART SPEC | DATE | 2-26-79 | MATERIAL | |
| | | | | HALF | | |

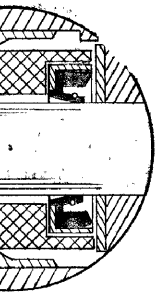
L09TB, CD

NC
YES
NO
D
PART NO. 1283541

PARTS LIST

| ITEM NO | NO REQD | DESCRIPTION | PART NUMBER | PWG SIZE | P S |
|---------|---------|---------------------------|-------------|----------|-----|
| 1 | 3 | Cyl, 2-1/4D, Ceramic | 1272060 | A | |
| 2 | 6 | Gasket Cyl 420 Pum | 1280024 | A | |
| 3 | 1 | Valve Chamber 420CD | 1255266 | B | |
| 4 | 6 | 1/8 Pipe Plug Blk 3000# | 1009973 | N | |
| 5 | 3 | Packing 2 1/4 Cobox | 5260052 | A | |
| 6 | 3 | Clamp, Cyl Head | 1271415 | A | |
| 7 | 3 | Clamp, Valve Cover | 1271716 | A | |
| 8 | 3 | Cyl Head | A5002 | A | |
| 9 | 3 | Valve Cover | A5003 | A | |
| 10 | 1 | Bearing Cap | A5005 | A | |
| 11 | 3 | Pin | A5006 | A | |
| 12 | 2 | Stud Cyl | A5009 | A | |
| 13 | 6 | Cyl Cover Stud | A5011 | A | |
| 14 | 6 | Valve Clamp Stud | A5012 | A | |
| 15 | 2 | Bearing Housing | 1279064 | B | |
| 16 | 3 | Plunger Nut | A5016 | A | |
| 17 | 2 | Gasket | A5025 | A | |
| 18 | 2 | Gasket | A5026 | A | |
| 19 | | | | | |
| 20 | 1 | Oil Cap | A5054 | B | |
| 21 | | | | | |
| 22 | 3 | Packing Washer L09 | 1283602 | A | |
| 23 | | | | | |
| 24 | 1 | Pump Case L09 | 5260537 | D | |
| 25 | 1 | Cover Gasket | 1279065 | A | |
| 26 | 3 | Spec Nut | 8309 | A | |
| 27 | 3 | Cup Form | 8495 | A | |
| 28 | 1 | Cover Assembly | 1279063 | B | |
| 29 | 3 | Packing Nut | 1283600 | A | |
| 30 | 3 | Sleeve | 1283601 | A | |
| 31 | 3 | Connect Rod L09 | 18710 | C | |
| 32 | 6 | Bearing Eccentric | 19883 | B | |
| 33 | 1 | Eccentric & Gear Assembly | 1279071 | B | |
| 34 | 1 | Pinion Shaft L09 | 1265098 | B | |

| | | | | | | | | | | |
|----------------|----|---|--------------------|---------|---|----|----|-------------------------------------|---------|---|
| I ₁ | 67 | 1 | KEY 1/4 SQ x 1 3/4 | 1187577 | N | 35 | 6 | Plunger Rod Seal | 1283603 | A |
| I ₃ | 68 | 2 | PLUG 1 1/2 PIPE | 1105105 | N | 36 | 3 | Washer | 1207289 | A |
| I ₄ | 69 | 1 | PLUG 1 PIPE | 1105077 | N | 37 | 3 | 1/8 Lube Ftg Str C/Z Lincoln #5000 | 1100759 | N |
| | | | | | | 38 | 1 | Bearing Cap | 1225769 | A |
| | | | | | | 39 | 6 | Valve Seat | 1225327 | A |
| | | | | | | 40 | 3 | Gasket Valve Cover 420 | 1280026 | A |
| | | | | | | 41 | 3 | Gasket Cyl Hd 420 | 1280025 | A |
| | | | | | | 42 | 3 | Crosshead and Rod | 1250876 | B |
| | | | | | | 43 | | | | |
| | | | | | | 44 | 1 | Cover Plate Assembly | 1214260 | B |
| | | | | | | 45 | 5 | Shims | 1252594 | A |
| | | | | | | 46 | 6 | Set Sc 5/16-18 x 1/2 | 1103470 | N |
| | | | | | | 47 | | | | |
| | | | | | | 48 | 2 | Ball Brg 1.181B Single Row NDI206 | 1104444 | N |
| | | | | | | 49 | 3 | Packing Cup Seal | 1281655 | A |
| | | | | | | 50 | 14 | HMCS 3/8-16 x 1/2 GR2 Pln | 1106910 | N |
| | | | | | | 51 | 12 | HMCS 3/8-16 x 3/4 | 1100068 | N |
| | | | | | | 52 | 2 | HMCS 1/2-13 x 3/4 GR2 Pln | 1106980 | N |
| I ₂ | 53 | 1 | PECKOCK 1/8 BRASS | 1187039 | N | 53 | 1 | | | |
| | | | | | | 54 | 14 | Hex Nut 1/2-13 | 1121511 | N |
| I ₄ | 55 | 1 | Caplug Int 14 | 1177201 | N | 55 | 1 | | | |
| I ₅ | 56 | 1 | Caplug Int 20S | 1177203 | N | 56 | 1 | | | |
| | | | | | | 57 | 2 | 1/2 Plug Magnetic Sq Hd M-Iron | 1187048 | N |
| | | | | | | 58 | 6 | 7/8" Ball 440 SS GR-100 | 1101418 | N |
| | | | | | | 59 | | | | |
| | | | | | | 60 | 1 | LOCK WASHER 3/8 MED C/Z | 1100843 | N |
| | | | | | | 61 | 3 | O Ring 5/8 OD x 1/16 Buna-N A70 | 1101176 | N |
| | | | | | | 62 | | | | |
| | | | | | | 63 | 2 | Cone Brg 1-9/16" Tim #26881 Type TS | 1101242 | N |
| | | | | | | 64 | 2 | Cup Bearing 3.125D Tim #26882 | 1177287 | N |
| H | 65 | 1 | Nameplate | 5262738 | A | 65 | 1 | | | |
| | | | | | | 66 | 2 | Screw 4 x 3/16 Tapg | 1187413 | N |



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