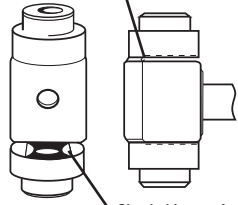




# HYPRO

## Models 5315C-X, 5320C-X, 5325C-X and 5330C-X

Use a feeler gauge on this end to check amount of space.

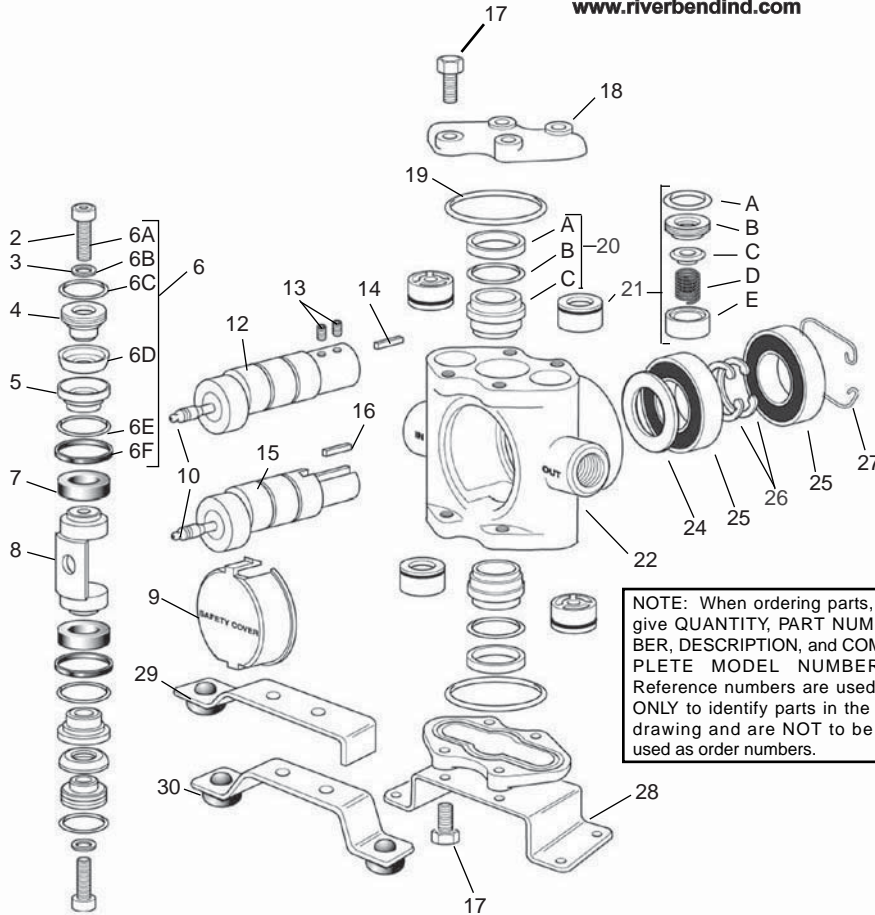


Maximum clearance of .007" between Cam Bearing and Connecting Rod

Check this area for wear on both ends.

# RIVER BEND INDUSTRIES

Moorhead, MN 56560  
218-236-1818  
800-365-3070  
www.riverbendind.com



NOTE: When ordering parts, give QUANTITY, PART NUMBER, DESCRIPTION, and COMPLETE MODEL NUMBER. Reference numbers are used ONLY to identify parts in the drawing and are NOT to be used as order numbers.

### Piston Stack Parts Kit

#### Leather Cup Kit No. 3430-0007

Consists of two each of the following parts: No. 2220-0012 Piston Cap Screw (Ref. 6A), No. 2270-0011 Washer (Ref. 6B), No. 1720-0029 O-ring (Ref. 6C), No. 2150-0002 Leather Cup (Ref. 6D), No. 1720-0039 O-Ring (Ref. 6E), and No. 1440-0008 Seal Ring (Ref. 6F).

#### Rubber Cup Kit No. 3430-0009

Same as above kit except with No. 2150-0005 Rubber Cups.

#### Teflon Cup Kit No. 3430-0030

Same as above kit except with No. 2150-0011 Teflon Cups.

### Piston Stack and Guide Parts Kits

#### Leather Cup and Guide Kit No. 3430-0008

Consists of Leather Cup Kit No. 3430-0007 plus two No. 1440-0004 Piston Guides (Ref. 7).

#### Rubber Cup and Guide Kit No. 3430-0010

Consists of Rubber Cup Kit No. 3430-0009 plus two No. 1440-0004 Piston Guides.

#### Teflon Cup and Guide Kit No. 3430-0046

Consists of Teflon Cup Stack Kit plus 2 Piston Guides.

### Crankshaft Assemblies

Sub-Assemblies include Shaft (Ref. 12 or 15) with Cam Bearing, Grease Fitting Assembly (Ref. 10), Set Screws for Hollow Shaft (Ref. 13) and Spline Key (Ref. 14 or 16).

Complete Assemblies include the Sub-Assembly plus parts identified by Reference Numbers 24-26.

Sub-Assembly Part No.	Complete Assembly Part No.	Pump Model
with 5/8" (I.D.) Hollow Shaft (Ref. 12)		
5501-5315	5500-5315	5315C-H
5501-5320	5500-5320	5320C-H
5501-5325	5500-5325	5325C-H
5501-5330	5500-5330	5330C-H
with 5/8" Solid Shaft (Ref. 15)		
5001-5315	5000-5315	5315C
5001-5320	5000-5320	5320C
5001-5325	5000-5325	5325C
5001-5330	5000-5330	5330C

Ref. No.	Qty. Req'd.	Part No.	Description
2	2	2220-0012	Piston Cap Screw
3	2	2270-0011	Washer
4	2	1830-0017	Piston Cup Spreader
5	2	1410-0030	Cup Backing Plate
6	1		Piston Stack Parts Kit (see listing above)
7	2	1440-0004	Piston Guide
8	1	0502-5300	Connecting Rod
9	1	0608-5300	Safety Cover
10	1	2405-0006	Grease Fitting Assembly
12	1		Crankshaft Assemblies — Hollow Shaft Models, see listing above
13	2	2230-0017	Set Screw for Hollow Shaft
14	1	1610-0011	Spline Key for Hollow Shaft
15	1		Crankshaft Assemblies — Solid Shaft Models, see listing above
16	1	1610-0007	Spline Key for Solid Shaft
17	8	2210-0062	Cylinder Head Bolt
18	2	0204-5300C	Cylinder Head (Cast Iron)
19	2	1720-0038	O-ring for Cylinder Head
20	1	3430-0209	Ni-Resist Cylinder Sleeve Assembly Consists of two each of No. 1830-0033 Retainer (Ref. A), No. 1720-0079 O-ring (Ref. V), and No. 3550-0018 Sleeve (Ref. C)

Ref. No.	Qty. Req'd.	Part No.	Description
21	1 set	3430-0197	Set of four No. 3400-0073 Unitized Valve Assemblies: Consists of four each: O-ring (Ref. A), Valve Seat (Ref. B), Valve Poppet (Ref. C), Valve Spring (Ref. D), Valve Spring Retainer (Ref. E)
22	1	0108-5300C	Body (Cast Iron)
24	1	2130-0007	Bearing Shield
25	2	2008-0001	Main Bearing (Ball Bearing)
26	2	1810-0013	Bearing Retainer Ring (shaft)
27	1	1820-0025	Bearing Retainer Ring (housing)
28	1	1510-0056	Mounting Base
29	1	2820-0040	Torque Arm - for Electric Motor Mounting
30	1	2820-0042	Torque Arm - for Gas Engine Mounting