



## 1" PISTON HEAD ASSEMBLY PACKING REPLACEMENT

- 1) DISCONNECT PIPING FROM THE SUCTION AND DISCHARGE CHECK VALVES
- 2) LOOSEN THE TWO SET SCREWS THAT HOLD THE HEAD INTO THE BASE CASTING
- 3) PULL THE HEAD OUT OF THE BASE CASTING AND OFF OF THE PISTON
- 4) INSPECT THE PISTON FOR WEAR AND REPLACE IF NECESSARY
- 5) REMOVE THE END CAP, "O" RING SEAL, PACKING SPRING, WASHER, AND SPACER
- 6) REMOVE THE PACKING ONE RING AT A TIME WITH A HOOKED TOOL
- 7) CLEAN THE INSIDE OF THE HEAD SHELL OF ANY DIRT OR GRIT
- 8) INSTALL THE NEW PACKING SET ONE RING AT A TIME STARTING WITH THE RING MARKED "THIS RING IN FIRST", LUBRICATE EACH RING BEFORE INSTALLING
- 9) INSTALL THE SPACER, WASHER, AND PACKING SPRING
- 10) INSPECT THE "O" RING SEAL AND REPLACE IF NECESSARY
- 11) INSTALL THE END CAP AND TIGHTEN AGAINST THE "O" RING SEAL
- 12) SLIDE THE PACKED HEAD OVER THE PISTON INTO THE BASE CASTING
- 13) SNUG UP THE SET SCREWS TAKING CARE NOT TO OVER TIGHTEN, PINCHING THE PISTON
- 14) GIVE THE HEAD A COUPLE SHOTS OF GREASE AND RECONNECT YOUR PIPING