

CONVERSION KIT ASSEMBLY INSTRUCTIONS

MODELS 166 THROUGH 666

Double Mechanical Water Cooled Seal

1. Remove pump clamp plate, volute case, seal plug, seals and impeller from pump mount plate.
2. Insert ceramic seat into plug with ceramic face up.
3. Insert ceramic seat into seal cap with ceramic face up.
4. Insert impeller into seal plug.
5. Slip spring with two (2) carbon rotating faces onto shaft of impeller.
6. Place small gasket on seal cap. Then slide both parts onto impeller shaft.
7. Insert seal plug into pump mount plate while sliding impeller onto shaft.
8. Tighten impeller 1/64" max. from seal plug with set screws flush against shaft.
9. Tighten seal cap to seal plug.
10. Assemble gasket, volute case and pump clamp plate to pump mount plate with five (5) stainless steel cap screws.

Internal Bellows Type Seal

1. Remove pump clamp plate, volute case, seal plug, seals and impeller from mount plate.
2. Insert ceramic seat into seal plug with ceramic face up.
3. Slide seal assembly on impeller shaft with rubber boot facing impeller blades, making sure that the rubber is pressing against the rear of the impeller.
4. Insert impeller into seal plug on pump mount plate.
5. Tighten the set screws, making sure that there is a 1/64" maximum clearance between the rear impeller vanes and the seal plug, onto motor shaft.
6. Assemble gasket, volute case and pump clamp plate to pump mount plate with five (5) stainless steel cap screws.