





**APPLICATION DATA**  
 MAX INPUT SHAFT TORQUE (lbft) 545  
 MAX SHAFT RADIAL LOAD (lb) 545  
 MAX SOFT PARTICLE DIA (in) 1.77  
 DISPLACEMENT (cubic in/rev) 75  
 DISPLACEMENT (US gals/100revs) 32.5

**PHYSICAL DATA**  
 PUMP WEIGHT HY~LINE (lb) 275  
 PUMP WEIGHT ULTIMA (lb) N/A  
 OIL CAPACITY (cubic in) 317.3  
 HOLD UP VOLUME (cubic in) 26

**TIGHTENING TORQUES (lbft)**  
 END COVER BOLTS 15  
 ROTOR RETAINER SCREWS (HY~LINE) 37  
 ROTOR CASE SCREWS 37  
 GEAR COVER SCREWS 11  
 GEAR NUTS 111  
 HYGIENIC CAP 29.5

**ROTOR CLEARANCES (in)**  
 FRONT, ROTOR TO END COVER 0.006  
 RADIAL, ROTOR TO ROTOR CASE 0.009  
 MESH, LOBE TO LOBE - MIN 0.016