

# SECTION DRAWING

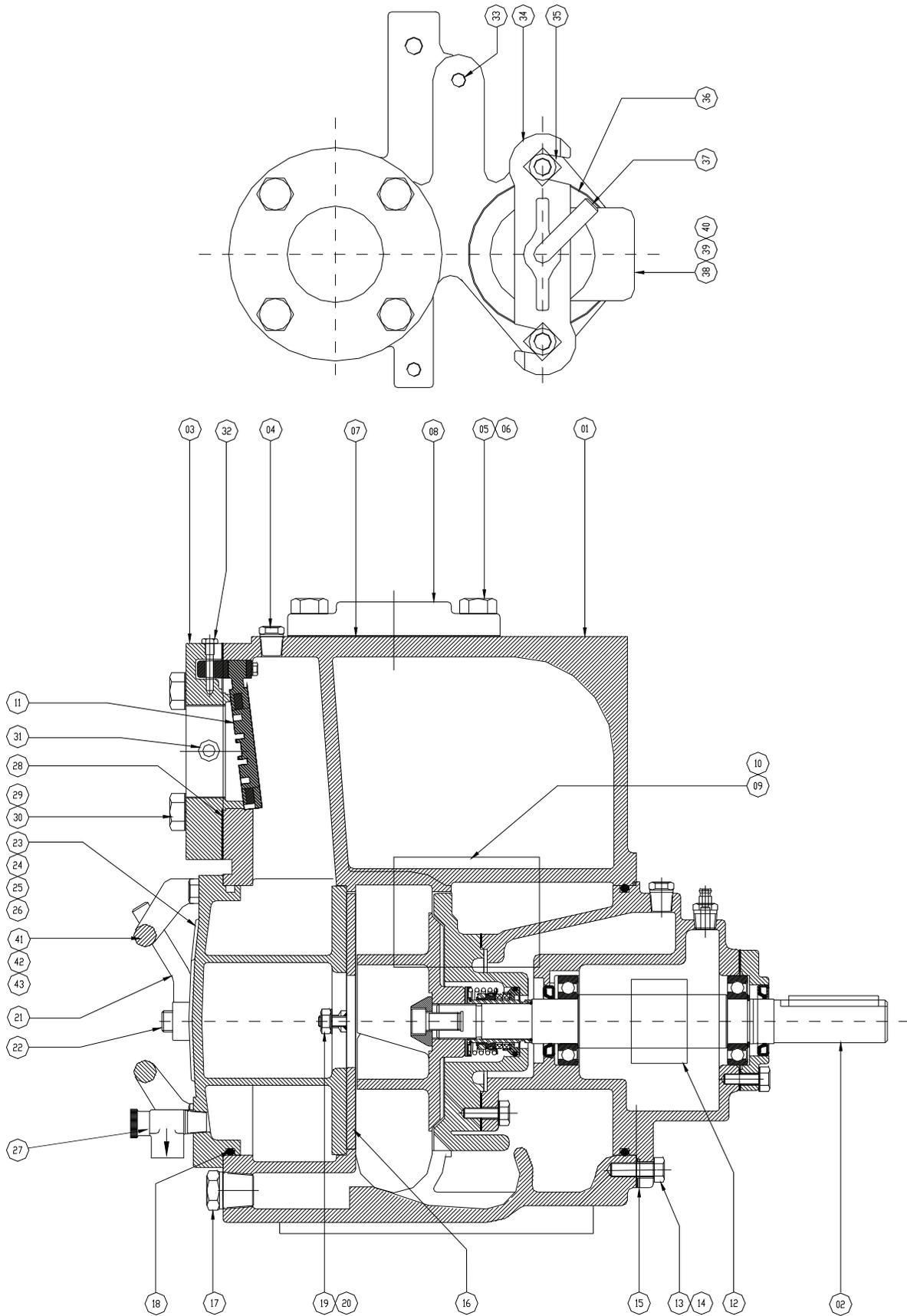


Figure 10. Pump Model

## PARTS LIST

### Pump Model RT 050

ITEM NO.	PART NAME	QTY	PART NUMBER
01	PUMP CASING	01	T050 - PU 01 - CI
02	★ REPAIR ROTATING ASSEMBLY	01	T050 - PU 02 -
03	SUCTION FLANGE	01	T050 - PU 03 -
04	PIPE PLUG	01	T050 - PU 04 -
05	HEX HEAD CAPSCREW	04	T050 - PU 05 -
06	LOCKWASHER	04	T050 - PU 06 -
07	●▲★ DISCHARGE FLANGE GASKET	01	T050 - PU 07 -
08	DISCHARGE FLANGE	01	T050 - PU 08 -
09	NAME PLATE	01	T050 - PU 09 -
10	DRIVE SCREW	04	T050 - PU 10 -
11	■★ VALVE ASSEMBLY	01	T050 - PU 11 -
12	ROTATION DECAL	01	T050 - PU 12 -
13	HEX HEAD CAPSCREW	04	T050 - PU 13 -
14	LOCKWASHER	04	T050 - PU 14 -
15	ROTATING ASSEMBLY SCREW SET	04	T050 - PU 15 -
16	★ WEAR PLATE	01	T050 - PU 16 -
17	CASING DRAIN PLUG	01	T050 - PU 17 -
18	▲★ O-RING BACK COVER	01	T050 - PU 18 -
19	HEX NUT	02	T050 - PU 19 -
20	LOCKWASHER	02	T050 - PU 20 -
21	INSPECTION COVER BOLT	02	T050 - PU 21 -
22	STUD	02	T050 - PU 22 -
23	BACK COVER PLATE ASSEMBLY	01	T050 - PU 23 -
24	WARNING PLATE	01	T050 - PU 24 -
25	DRIVE SCREW	04	T050 - PU 25 -
26	CAUTION DECAL	01	T050 - PU 26 -
27	PRESSURE RELIEF VALVE	01	T050 - PU 27 -
28	●▲★ SUCTION FLANGE GASKET	01	T050 - PU 28 -
29	HEX HEAD CAPSCREW	04	T050 - PU 29 -
30	LOCKWASHER	04	T050 - PU 30 -
31	PIPE PLUG	01	T050 - PU 31 -
32	■★ CHECK VALVE PIN	01	T050 - PU 32 -
33	PIPE PLUG	01	T050 - PU 33 -
34	CLAMP BAR	01	T050 - PU 34 -
35	MACHINE BOLT	02	T050 - PU 35 -
36	●▲★ FILL COVER GASKET	01	T050 - PU 36 -
37	CLAMP BAR SCREW	01	T050 - PU 37 -
38	FILL COVER PLATE	01	T050 - PU 38 -
39	WARNING PLATE	01	T050 - PU 39 -
40	DRIVE SCREW	02	T050 - PU 40 -
41	BACK COVER HANDLE	02	T050 - PU 41 -
42	HEX HEAD CAPSCREW	04	T050 - PU 42 -
43	LOCKWASHER	04	T050 - PU 43 -

- AVAILABLE IN SUCTION FLAP VALVE KIT ONLY
- ▲ AVAILABLE IN PUMP GASKET KIT ONLY
- AVAILABLE IN PORT KIT ONLY
- ✚ AVAILABLE IN BEARING KIT ONLY
- ◆ AVAILABLE AS SET ONLY
- ★ ITEMS RECOMMENDED FOR STOCK

See page 25 for completed RT 050 Kit Lists

# SECTION DRAWING

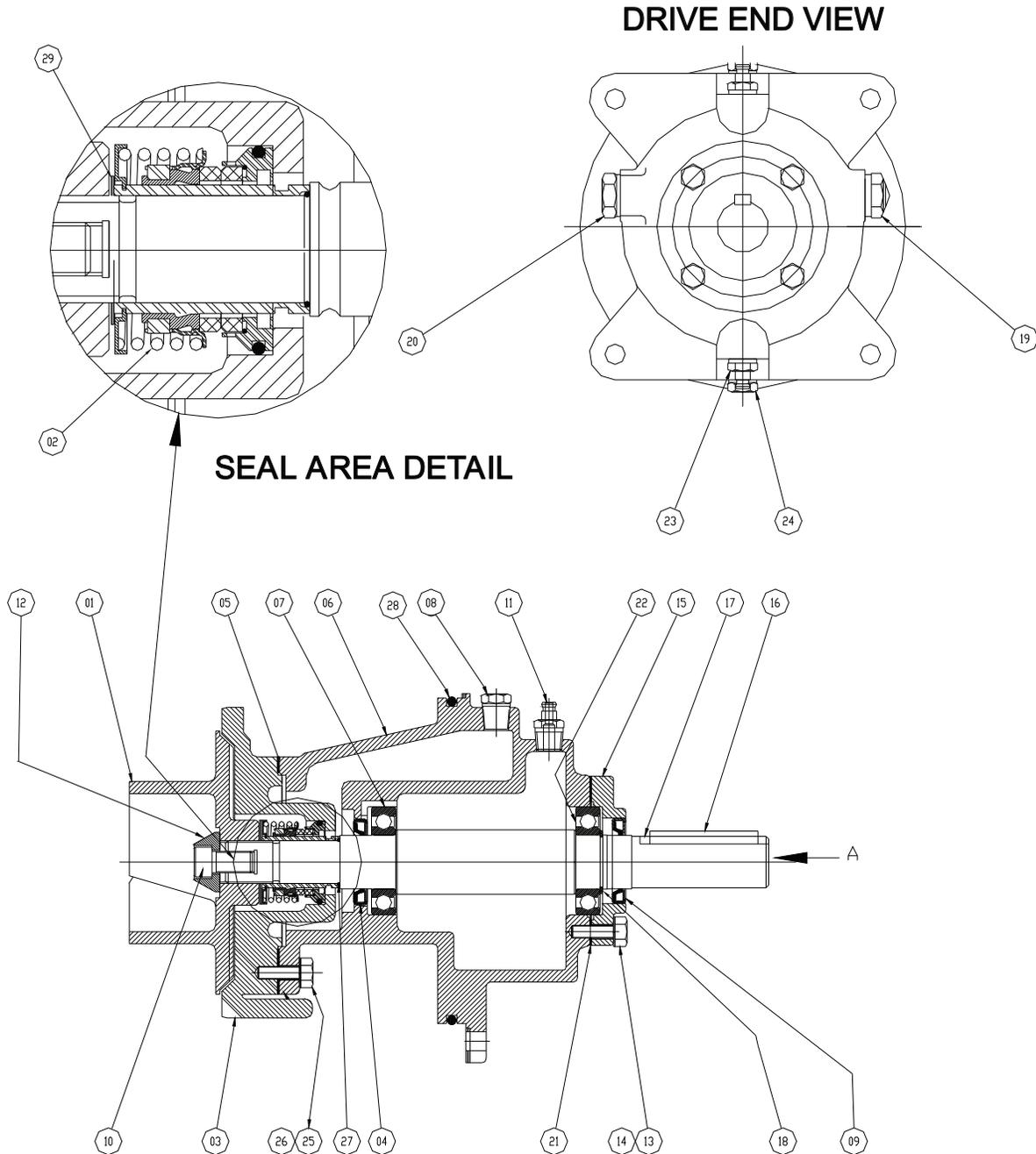


Figure 11. Repair Rotating Assembly

## PARTS LIST

### Rotating Assembly Pump Model RT 050

ITEM NO.		PART NAME	QTY	PART NUMBER
01	★	IMPELLER	01	T050 - RO 01 - CI
02	★	SEAL ASSEMBLY	01	T050 - RO 02 -
03		SEAL PLATE	01	T050 - RO 03 -
04	⊕	★ INBOARD OIL SEAL	01	T050 - RO 04 -
05	⊕▲	★ SEAL PLATE GASKET	01	T050 - RO 05 -
06		BEARING HOUSING	01	T050 - RO 06 -
07	⊕	★ INBOARD BALL BEARING	01	T050 - RO 07 -
08		VENTED PLUG	01	T050 - RO 08 -
09	⊕	★ OUTBOARD OIL SEAL	01	T050 - RO 09 -
10		IMPELLER CAPSCREW	01	T050 - RO 10 -
11		AIR VENT	01	T050 - RO 11 -
12		IMPELLER WASHER	01	T050 - RO 12 -
13		HEX HEAD CAPSCREW	04	T050 - RO 13 -
14		LOCKWASHER	04	T050 - RO 14 -
15		BEARING CAP	01	T050 - RO 15 -
16		SHAFT KEY	01	T050 - RO 16 -
17		IMPELLER SHAFT	01	T050 - RO 17 -
18		BEARING RETAINING RING	01	T050 - RO 18 -
19		OIL LEVEL SIGHT GLASS	01	T050 - RO 19 -
20		PIPE PLUG	01	T050 - RO 20 -
21	⊕	★ BEARING CAP GASKET	01	T050 - RO 21 -
22	⊕	★ OUTBOARD BALL BEARING	01	T050 - RO 22 -
23		BEARING HOUSING DRAIN PLUG	01	T050 - RO 23 -
24		SEAL CAVITY DRAIN PLUG	01	T050 - RO 24 -
25		HEX HEAD CAPSCREW	04	T050 - RO 25 -
26		LOCKWASHER	04	T050 - RO 26 -
27	▲	★ O-RING SHAFT SLEEVE	01	T050 - RO 27 -
28	▲	★ O-RING ROTATING ASSEMBLY	01	T050 - RO 28 -
29	●	★ IMPELLER ADJUSTING SHIM SET	01	T050 - RO 29 -

- AVAILABLE IN SUCTION FLAP VALVE KIT ONLY
- ▲ AVAILABLE IN PUMP GASKET KIT ONLY
- AVAILABLE IN PORT KIT ONLY
- ⊕ AVAILABLE IN BEARING KIT ONLY
- AVAILABLE AS SET ONLY
- ★ ITEMS RECOMMENDED FOR STOCK

See page 25 for completed RT 050 Kit Lists

## COMPLETE RT 050 REPAIR AND MAINTENANCE KITS

### SPARE PARTS AS KITS

#### ★ ▲ PUMP GASKET KITS PU - GSKT

RT050 Includes:	T050 - PU GSKT
Fill Cover Gasket	T050 - PU 36
Discharge Flange Gasket	T050 - PU 07
Suction Flange Gasket	T050 - PU 28
Seal Plate Gasket	T050 - RO 05
O-Ring, Back Cover	T050 - PU 18
O-Ring, Rotating Assembly	T050 - RO 28
O-Ring, Seal Plate	T050 - RO
O-Ring, Shaft Sleeve	T050 - RO 27

#### ★ ■ SUCTION FLAP VALVE KITS PU - SFVK

RT050 Includes:	T050 - PU SFVK
Check Valve Pin	T050 - PU 32
Valve Assembly	T050 - PU 11

#### ● PORT KITS PU - PTKT

RT050 Includes:	T050 - PU PTKT
Fill Cover Gasket	T050 - PU 36
Discharge Flange Gasket	T050 - PU 07
Suction Flange Gasket	T050 - PU 28

#### ★ + BEARING KITS RO - BRKT

RT050 Includes:	T050 - RO BRKT
Bearing Cap Gasket	T050 - RO 21
Seal Plate Gasket	T050 - RO 05
Inboard Oil Seal	T050 - RO 04
Outboard Oil Seal	T050 - RO 09
Inboard Ball Bearing	T050 - RO 07
Outboard Ball Bearing	T050 - RO 22

#### 💧 IMPELLER ADJUSTING SHIM SET RO - IASS

RT050 Impeller Adjusting Shim Set	T050 - RO 29
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★ ITEMS RECOMMENDED FOR STOCK