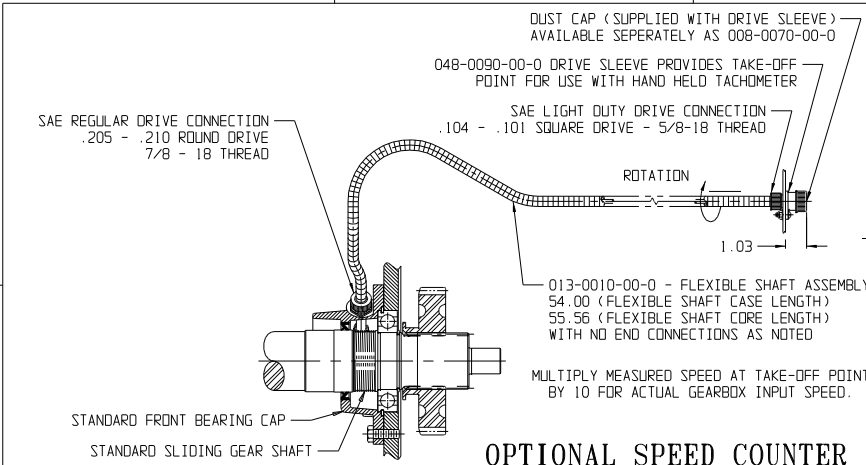
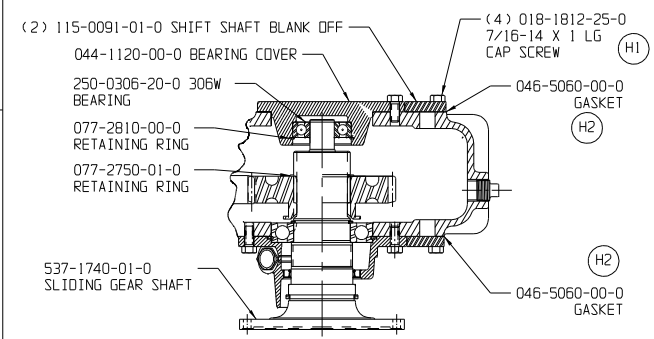


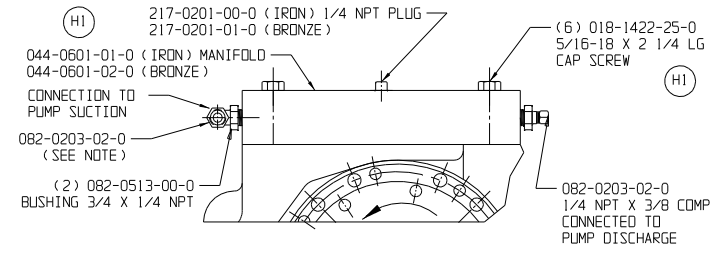
HALE TYPE APMG SERIES PUMP



OPTIONAL SPEED COUNTER

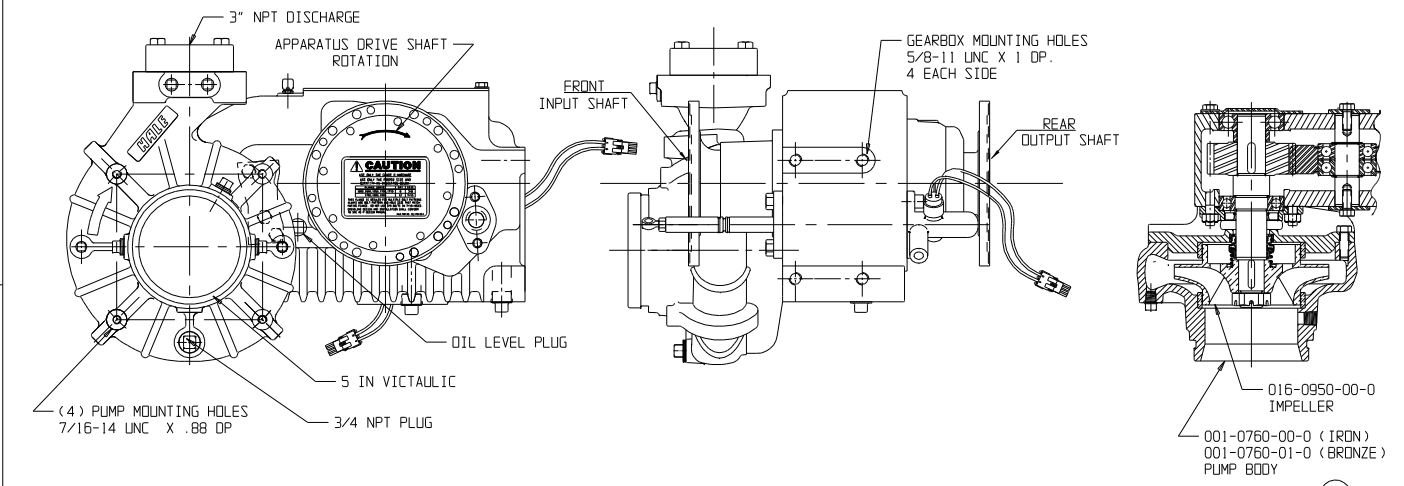


OPTIONAL - REAR DRIVE SHAFT BLANKED OFF FOR P.T.O. DRIVE



OPTIONAL GEAR BOX COOLER

NOTE:
ELBOW ON LOWER SIDE OF COOLER WILL BE REPLACED WITH A "TEE" (082-0209-01-0), A PLUG (217-0201-00-0), ELBOW (082-0206-02-0), AND NIPPLE (082-0210-01-0) WHEN GEAR BOX IS MOUNTED IN VERTICAL POSITION. A DRAIN VALVE MUST BE PROVIDED AT THIS POINT TO DRAIN COOLER IN FREEZING WEATHER



SHOWN WITH PUMP MOUNTED ON FRONT (INPUT SHAFT SIDE) OF GEARBOX

TORQUE TABLE

SCREW SIZE	GRADE 5		GRADE 8	
	lbs-ft	Nm	lbs-ft	Nm
1/4-20	8	11	12	16
5/16-18	17	22	25	33
3/8-16	30	41	45	61
7/16-14	50	67	70	94
1/2-20	90	122	120	162
3/4-10	260	352	380	514

NOTES:

- CAUTION: ALL FASTENERS ON THIS UNIT HAVE BEEN SELECTED PER THEIR APPLICATION. HALE PRODUCTS DOES NOT RECOMMEND REPLACING FASTENERS WITH ANYTHING OTHER THAN HALE PART NUMBERS PROVIDED. REPLACING WITH A WEAKER ALTERNATIVE POSES A SAFETY RISK.
- ALL FASTENERS SHALL BE INSTALLED WITH A THREAD LOCKING ANAEROBIC ADHESIVE/SEALANT: LOCTITE #246 HIGH TEMPERATURE THREADLOCKER OR EQUIVALENT.
- MECHANICAL SEALS ARE TO BE INSTALLED USING PAC-EASE RUBBER LUBRICANT EMULSION OR EQUIVALENT, A SOFT, CLEAN PUSHER TUBE, AND A SEAL RAMP.
- FOR MOUNTING DIMENSIONS, SUCTION/DISCHARGE OPTIONS, AND ANODE/THERMAL RELIEF VALVE OPTIONS, REFER TO LATEST VERSION OF PL948.

PLATE NO 921AH

