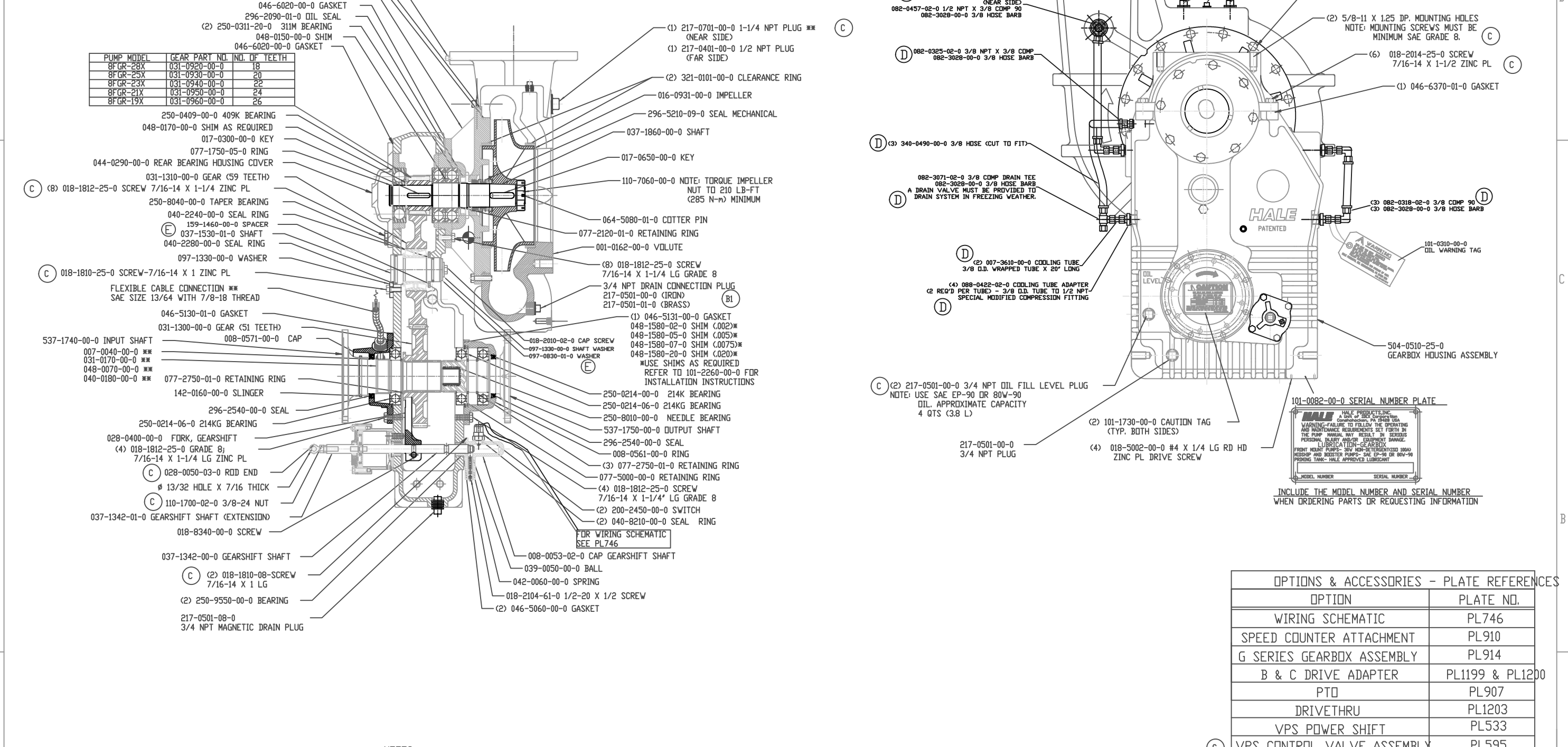


HALE TYPE 8FGR-X SERIES PUMP

PUMP MODEL	IRON BRG HSG NO.	BRONZE BRG HSG NO.
8FGR-28X & 8FGR-19X	062-0661-10-0	062-0661-13-0
8FGR-21X & 8FGR-23X	062-0661-11-0	062-0661-14-0
8FGR-19X	062-0661-12-0	062-0661-15-0

PUMP MODEL	GEAR PART NO.	NO. OF TEETH
8FGR-28X	031-0920-00-0	18
8FGR-25X	031-0930-00-0	20
8FGR-23X	031-0940-00-0	22
8FGR-21X	031-0950-00-0	24
8FGR-19X	031-0960-00-0	26



- NOTES:**
- 1) ALL FASTENERS TO BE A MINIMUM SAE GRADE 8 UNLESS OTHERWISE NOTED.
 - 2) PRIMING SYSTEM, DISCHARGE & SUCTION VALVES ARE AVAILABLE.
 - 3) OPTIONAL EQUIPMENT INDICATED BY (**).

FOR INSTALLATION DIMENSIONS SEE PLATE 1104

OPTIONS & ACCESSORIES - PLATE REFERENCES	
OPTION	PLATE NO.
WIRING SCHEMATIC	PL746
SPEED COUNTER ATTACHMENT	PL910
G SERIES GEARBOX ASSEMBLY	PL914
B & C DRIVE ADAPTER	PL1199 & PL1200
PTO	PL907
DRIVETHRU	PL1203
VPS POWER SHIFT	PL533
VPS CONTROL VALVE ASSEMBLY	PL595

THIS PRODUCT AND ITS COMPONENTS MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS AND OTHER PATENTS PENDING: 4,337,830; 4,587,862; 4,653,978; 5,018,665; 5,139,393.

PLATE NO. 1075AE

ECO NO	REV	CHANGED FROM	BY	DATE	APVD	ECO NO	REV	CHANGED FROM	BY	DATE	APVD
3979	D	ADDED UPPER COOLING TUBE AND HOSES (CHRD LOWER TUBE TO 3/8 WRAPPED)	DMB	03/16/17	JLS	0271	A	RELEASE FOR PRODUCTION	DBH	11-29-05	MAL
4185	E	NO SPACER OR BOLT ON INTERMEDIATE SHAFT INTERMEDIATE SHAFT P/N 037-1530-01-0	DMB	09/07/17	JLS	0922	B1	ADDED 217-0501-00/01-0	MM	11-18-09	MAL
						0922	B2	ADDED ARROW TO VOLUTE	MM	11-18-09	MAL
						3525	C	SEE ECN 3525 FULL FORM	TNJ	08-18-15	JRH



HALE PRODUCTS, INC.
A Unit of IDEX Corporation
Conshohocken, PA 19428 USA

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