HALE TYPE MG SERIES PUMP INSTALLATION

PUMP TYPE | RATIO | MAX INPUT RPM
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MG*-30 | 2.67 | 2480
MG*-31 | 2.18 | 2000
MG*-19 | 1.71 | 2470
MG*-17 | 1.55 | 2470
MG*-12 | 1.27 | 2640

NOTES:
1. 6 VICTAULIC CONNECTIONS. IT IS RECOMMENDED THAT THE APPARATUS BUILDER USE 6" MANIFOLDING FROM THE PUMP TO THE HOSES. USE MINIMUM 6" VICTAULIC, V-BAND CLAMP, OR BAND TO THE PUMP OUTLET. USE VICTAULIC 3/4 HOSE ADAPTERS TO THE HOSES. (FOR USE WITH VICTAULIC STYLE 77 CLAMP - HALE PUMP INSTALLATION DRAWING NO. PL303-01)
2. TO REDUCE PRE-ROTATION AT LOW FLOW, IT IS RECOMMENDED THAT A STRAIGHT SUCTION LINE BE ADDED FROM THE PUMP TO THE HOSES. (FOR USE WITH VICTAULIC MANIFOLD LEADING UP TO THE VICTAULIC PUMP/JACK-Up CONNECTION)
3. GEARS ARE BEARINGS & PISTON RODS ARE COATED USING THE VICTAULIC PUMP/JACK-UP CONNECTION.
4. APPARATUS MANUFACTURER MUST FURNISH A VISUAL INDICATOR AT THE DRIVERS POSITION WHEN THE PUMP POWER TAKE-OFF IS ENGAGED FOR PUMP AND ROLL OPERATION. USE SAE EP-90 OR 80W-90 API GL-5 OIL.
5. OIL FILL & LEVEL PLUG CAPACITY: 3 QTS [2.84L] APPROX. WEIGHTS:
   - STD. SPLIT SHAFT TYPE = 245 LBS [111 KG]
   - POWER TAKE-OFF TYPE = 205 LBS [93 KG]
6. COOLER OPTIONS AVAILABLE IN ENGINE ROTATION ONLY
7. TABLE "A" - PUMP RATIOS

VIEWS FACING REAR TO FRONT OF VEHICLE.

Table "C" - Front & Rear Combination Flanges

Various Gearbox Arrangements Shown Below.

Orientation Options:
A) Drive Options: Split Shaft (Gear Ration Not Shown)
B) Gearbox Orientation: Vertical
C) Discharge Positions: Vertical Only
D) Available in Engine Rotation Only

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Made from CFL3326 E – Redrawn in SOLIDWORKS; Redrawn on FSG Border; (SEE PL533 FOR DETAILS.)