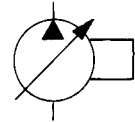




PUMP, VARIABLE DELIVERY PVV-540 "B1" with "V-M" CONTROL

ENGINEERING

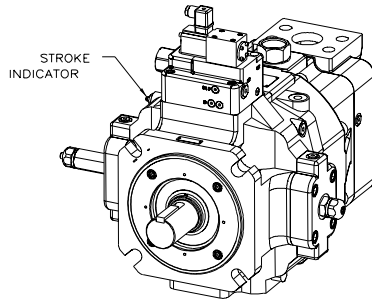
1



Installation Drawing

Servo Valve Control

PVV-540-B1U PUMP
WITH V-M CONTROL



NOTES:

1. PUMPS DESIGNED FOR ONE-WAY SERVICE ARE DIMENSIONED AS SHOWN.
2. THESE UNITS ARE DESIGNED TO RUN CASE FULL OF FLUID AT ALL TIMES. FILL CASE BEFORE STARTING AND CONNECT DRAIN LINES ACCORDINGLY.
3. NUMERICAL DIMENSIONS ARE GIVEN IN INCHES/[MM].
4. NET WEIGHT- 820 LBS (372 KG) SIDE PORTED (SHOWN)
765 LBS (347 KG) REAR PORTED
5. FOR BASIC PUMP DIMENSIONS SEE:
DS-47940A
6. LEFTHAND (CCW) VERSION IS SHOWN.
FOR RIGHTHAND (CW) VERSION, THE CONTROL CAPS, VOLUME STOPS, AND STROKE INDICATOR WILL BE ON THE OPPOSITE SIDES, ASSUMING THAT THE OUTLET IS ON THE TOP.

PILOT PRESSURE INLET
#8 STR THD. PORT ADAPTER
.750-16 UNF-2B THD.
(3 MICRON FILTERED OIL REQ'D)
800 PSI

PORT "GPP"
#6 SAE STR THD.

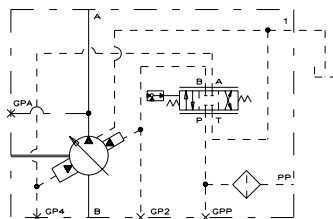
LVDT ELECTRICAL CONNECTION
-RECOMMENDED CABLE
ALPHA 5154C OR EQUIVALENT
4 CONDUCTOR CABLE

CONTAMINATION
FUSE
(OPTIONAL)

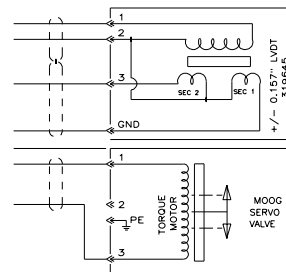
SERVO VALVE ELECTRICAL
CONNECTION: DIN 43650A

MIN VOL.
STOP

MAX VOL.
STOP
(OPTIONAL)



HYDRAULIC CIRCUIT



ELECTRICAL CIRCUIT

REFER TO SPECIFICATIONS DOCUMENT E807
FOR SERVO COMMAND SIGNAL INFORMATION.

519256-303 sh. 1

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