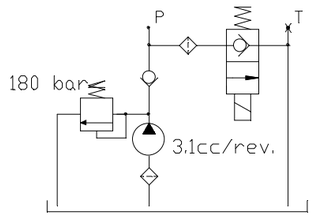
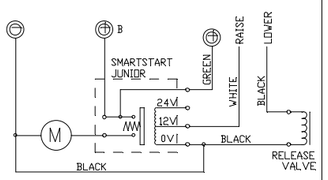
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SPX FLUID POWER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SPX FLUID POWER IS PROHIBITED.

** NAMEPLATE INFORMATION **

** HYDRAULIC CIRCUIT **




** ELECTRIC CIRCUIT **




** UNIT SPECIFICATION **

| | |
|---|---|
| MOTOR | 12 VOLT DC; 1 TERMINAL |
| PUMP | A.F.C. 3.1 CC/REV. (.189 CU.IN./REV.) |
| RELIEF | ADJUSTABLE SET AT 2600 P.S.I. [180 bar] |
| ENDHEAD | 2 PORT, "DISTRIBUTOR" WITH TANK PORT PLUGGED |
| TANK | PLASTIC 6.7 [170mm] SQ. USABLE CAPACITY 2.6 GAL. [9.8L] |
| VALVING | SOLENOID RELEASE, RELIEF & DELIVERY CHECK |
| WIRING | SEE ELECTRIC CIRCUIT |
| ASSEMBLY FINISHING | WIPE UNIT CLEAN OF OIL<br>APPLY NAMEPLATE TO TANK<br>APPLY LABELS AS SHOWN<br>PLUG MOTOR DRAIN HOLES |
| PACKING SHIPPING | SHIP Q4-1000-00 LOOSE IN CARTON<br>UNIT INDIVIDUALLY PACKED ONE PER CARTON<br>CARTONS ON PALLET |

** UNIT PERFORMANCE **

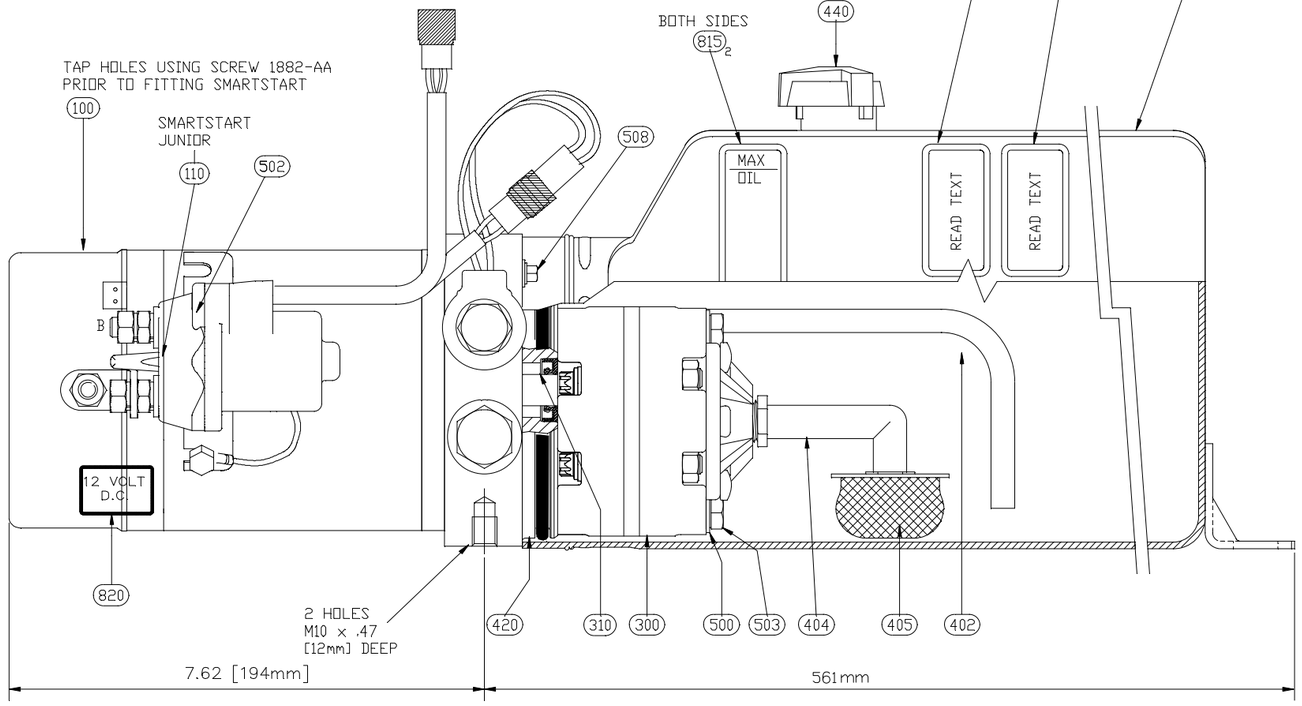
NOMINAL PERFORMANCE AT 11.7 VOLTS
RELIEF SETTING (FULL FLOW) = 2600 P.S.I. [180 bar]
FLOW AT 2050 P.S.I. = 1.5 GPM MIN. – 1.9 GPM MAX.
[FLOW AT 140 bar = 5.8 LPM MIN. – 7.2 LPM MAX.]
CURRENT DRAW AT 2050 P.S.I. [140 bar] = 330 AMPS MAX.

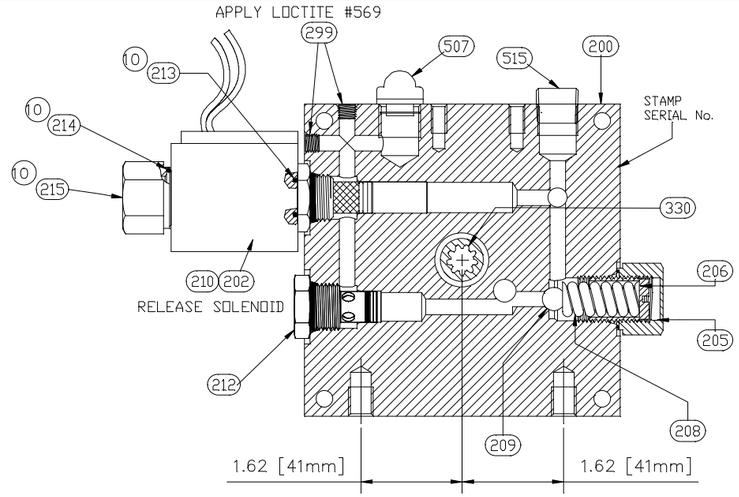
SPX MANUFACTURING STANDARDS

| | |
|---|---|
| GROUNDING STRAP STANDARD | 2.16.62 |
| FASTENER TORQUES | 2.11.01 |
| LABELING | 2.16.59 |

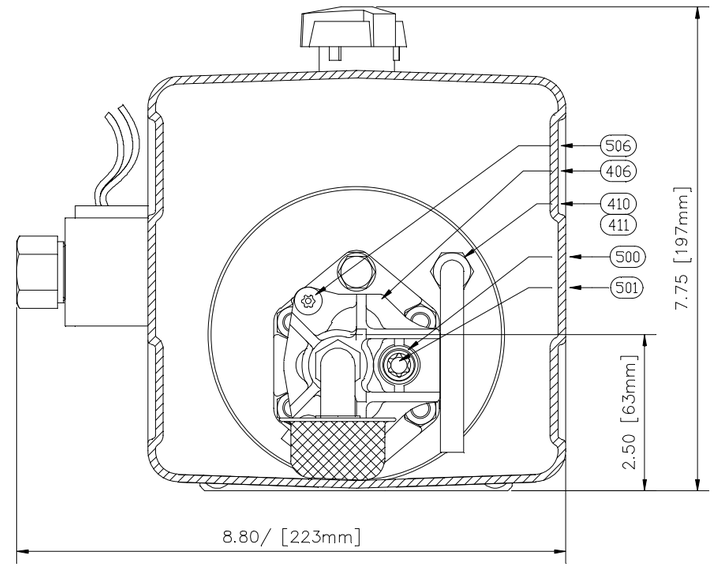
WARNING

THIS POWER UNIT DOES NOT CONTAIN DEVICES WHICH PROTECT USERS FROM THE EFFECTS OF SUDDEN LOSS OF PRESSURE IN HYDRAULIC CYLINDERS.




PART SECTION THROUGH VALVEHEAD




| DATE | ECO | DRAWN | CHK'D | LEVEL | CHANGE |
|---|---|---|---|---|---|
| 22-MAY-07 | 07040199 | KSS | NRA | 10 | ADDED G1-1010-15, W3-1001-00 AND 10300 |
| 29-AUG-06 | 060712C | SS | JH | 9 | ADDED STANDARD |
| 17-NOV-05 | 050830D | NJS | MDP | 8 | REMOVED 207, UPDATED DRAWING |
| 06-AUG-05 | 050718E | TWA | HLM | 7 | ADD: 1000122 & 1000169<br>REM: F6-4000-25 |
| 19-JAN-04 | 040119B | MDP | --- | 6 | SEE ECO FOLDER |
| 20-JUN-02 | CN.2735 | ANM | --- | 5 | SEE ECO FOLDER |
| 24-APR-01 | CN.2606 | MJ | --- | 4 | SEE ECO FOLDER |
| 20-JUL-00 | CN2458 | DAR | --- | 3 | SEE ECO FOLDER |
| 14-APR-00 | CN2433 | PC | --- | 2 | SEE ECO FOLDER |
| 6/SEPT/07 | 07080627 | SS | TCP | 11 | REMOVED CHAPEL OFF PRINT. |

**REPORT ERRORS TO ENGINEERING**

| | | |
|---|---|---|
| DRAWN BY | PC | 02-MAR-00 |
| CHECKED BY | | |

EXP. SERVICE PARTS LIST: NONE

THIRD ANGLE PROJECTION | ECO: | EFF:

DO NOT SCALE DRAWING | ALL DIMENSIONS IN INCHES

SPX FLUID POWER 5885 11th Street Rockford, IL 61109 USA

OUTLINE DC POWER PACK (11)
(M21TZ 3.1 C01 P43H 180)

PART NO. UD2259B REV. 11

DWG. NO. UD2259B SIZE D