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SPX STONE™

ASSEMBLED IN 

CODE

UD1845A

SERIAL NO.



MAXIMUM SAFE PRESSURE 180 BAR

VOLTAGE

12 VDC

MAX RECOMMENDED WORKING PRESSURE 140 BAR



FILL IN COUNTRY OF ORIGIN



HYDRAULIC CIRCUIT



ELECTRIC CIRCUIT

UNIT SPECIFICATION

|                    |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------|
| MOTOR              | 12 VOLT DC; 2 TERMINAL                                                                               |
| PUMP               | A.F.C. 3.1 CC/REV.<br>(.189 CU.IN./REV.)                                                             |
| RELIEF             | ADJUSTABLE SET AT 2600 P.S.I. [180 bar]                                                              |
| ENDHEAD            | 2 PORT,<br>"DISTRIBUTOR" WITH TANK PORT PLUGGED                                                      |
| TANK               | PLASTIC 6.69 [170mm] SQ.<br>USABLE CAPACITY 1.7 GAL. [6.5L]                                          |
| VALVING            | SOLENOID RELEASE,<br>RELIEF AND DELIVERY CHECK                                                       |
| WIRING             | AS SHOWN IN 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      |

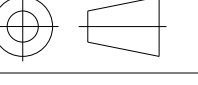
UNIT PERFORMANCE

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.

MANUFACTURING STANDARDS

|                                                                                                                                                                          |                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| FASTENER TORQUES LABELING                                                                                                                                                | 2.11.01<br>2.16.59 |
| <div><div>WARNING</div><div>THIS POWER UNIT DOES NOT CONTAIN DEVICES WHICH PROTECT USERS FROM THE EFFECTS OF SUDDEN LOSS OF PRESSURE IN HYDRAULIC CYLINDERS.</div></div> |                    |

| REVISIONS |     |          |          |           |                                                                                                                                                                                          |
|-----------|-----|----------|----------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REV.      | BY  | CHECKED  | ECO      | DATE      | DESCRIPTION                                                                                                                                                                              |
| 13        | KSS | ---      | 07040199 | 22-MAY-07 | ADDED G1-1010-15, W3-1001-00 AND 10300                                                                                                                                                   |
| 14        | BOB | TRANSING | 15012421 | 17-DEC-14 | REMOVED EF-1097 AND VF-4009,ADDED EF-1097HH AND VF-4009HH,BUBBLE WAS REPLACED BY PART NUMBER,DELETED S3-1015-07,ADDED 1305-AA AND 1307-AA, UPDATED TITLE BLOCK AND NAMEPLATE INFORMATION |
| 15        | JPR | TCD      | 19084006 | 17-APR-20 | ADDED 1001166                                                                                                                                                                            |

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                              |                                                        |                                                        |                                                                                      |                                                            |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------|
| <div><div>THIRD ANGLE PROJECTION</div><div></div></div>                                                                                                             | <div><div>TOLERANCES UNLESS NOTED</div><div>ANGLES ± 1°</div><div>1 PLACE ± .020</div><div>2 PLACES ± .010</div><div>3 PLACES ± .005</div><div>4 PLACES ± .001</div><div>FINISH 125 MAX C/B .020</div></div> | <div><div>DRAWN BY</div><div>PC</div></div>            | <div><div>DATE DRAWN</div><div>18-OCT-99</div></div>   | <div><div>FOR PART or OPER.</div><div></div></div>                                   | <div><div>SPX</div><div>HYDRAULIC TECHNOLOGIES</div></div> | <div><div>TRACKING NUMBER</div><div>15011745</div></div> |
| <div><div>14</div><div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SPX HYDRAULIC TECHNOLOGIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF SPX HYDRAULIC TECHNOLOGIES IS STRICTLY PROHIBITED.</div></div> | <div><div>CHECKED BY</div><div>-</div></div>                                                                                                                                                                 | <div><div>DATE CHECKED</div><div>18-OCT-99</div></div> | <div><div>HEAT TREAT</div><div></div></div>            | <div><div>DRAWING NAME</div><div>OUTLINE DC POWER PACK FOR FENNER FRANCE</div></div> | <div><div>SCALE</div><div>NTS</div></div>                  | <div><div>SIZE</div><div>D</div></div>                   |
| <div><div>MATERIAL</div><div>PER BOM</div></div>                                                                                                                                                                                                         | <div><div>ALT. MATERIAL</div><div></div></div>                                                                                                                                                               | <div><div>FINISH</div><div></div></div>                | <div><div>DRAWING NUMBER</div><div>UD1845A</div></div> | <div><div>SHEET 1 OF 1</div></div>                                                   |                                                            |                                                          |

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