# A6 IWP Super Series

**Page:** | **Model:** |
---|---|
A6-01 | AC Electrical Schematic | 4096-105 To 4096-285 |
A6-02 | AC Electrical Diagram 1\textsuperscript{st} Rewire of E-Stop & Keyswitch | 4096-286 To 4096-355 |
A6-03 | AC Electrical Schematic 110V 2\textsuperscript{nd} Rewire of E-Stop & Keyswitch | 4096-356 & Above |
A6-04 | TUV AC Electrical Schematic 220V - with Base Mounted Junction Box |
A6-05 | TUV AC Electrical Schematic 220V - without Base Mounted Junction Box |
A6-06 | TUV AC Electrical Schematic 220V - without Outreach |
A6-07 | DC Electrical Schematic | 4096-101 To 4096-287 |
A6-08 | DC Electrical Schematic 1\textsuperscript{st} Rewire of E-Stop & Keyswitch | 4096-288 To 4096-341 |
A6-09 | DC Electrical Schematic 2\textsuperscript{nd} Rewire of E-Stop & Keyswitch | 4096-342 & Above |
A6-10 | TUV DC Electrical Schematic |
A6-11 | TUV DC Electrical Schematic with Outreach |
A6-12 | DC Electrical Schematic with Power Assist (Directional Valve Coils Powering Function Solenoid) |
A6-13 | DC Electrical Schematic with Power Assist (Directional Valve Coils Powering Function Solenoid) |
A6-14 | TUV DC Electrical Schematic with Power Assist |
A6-15 | TUV DC Electrical Schematic with Power Assist & Outreach |
A6-16 | TUV DC Electrical Schematic with Power Assist (Directional Valve Coils Powering Function Solenoid) |
A6-17 | AC/DC Base Control Wiring Diagram Non Power Assist |
A6-18 | DC Base Control Wiring Diagram with Power Assist without Brake |
A6-19 | DC Base Control Wiring Diagram with Power Assist with Brake |
A6-20 | DC Base Control Wiring Diagram with Power Assist with Brake & E-Stop |
A6-21 | Hydraulic Schematic without Power Assist |
A6-22 | Hydraulic Schematic with Power Assist |
A6-23 | Hydraulic Schematic with Power Assist (Integrated Relief Valve in Manifold) |
A6-24 | Hydraulic Schematic with Power Assist with Brakes |
A6-25 | Hydraulic Schematic with Power Assist with Brakes and Cross Port Relief |
NOTES:

1. FOR 120V OPERATION
   JUMPER BROWN TO BLACK AND BLUE TO WHITE AS SHOWN.
2. FOR 240V OPERATION
   JUMPER BROWN TO WHITE AND BLACK UNCONNECTED.

LEGEND:
- C: CONTROL ACTIVATE SWITCH
- ES: EMERGENCY STOP SWITCH
- KS: KEY SWITCH
- L: LIGHT (LED)
- MC: MOTOR CONTACER
- NOV: NORMALLY OPEN VALVE
- PB: POWER TO BASKET
- S: SWITCH - OUTTRIGGER
- SF: SLOW BLOW FUSE
- SOL: SOLENOID

NOTE: PC BOARD SCHEMATIC REPRESENTS OPERATION ONLY CONTACT GENIE INDUSTRIES SERVICE FOR MORE INFORMATION
IWP SUPER SERIES
HYDRAULIC SCHEMATIC
WITH ASSIST WITH BRAKES AND CROSS PORT RELIEF

POWER ASSIST MOTOR

CYLINDER ASSEMBLY

BASE LIFT CYLINDER

FOOTPUMP MANIFOLD ASSY.

POWER UNIT ASSEMBLY

SET ITEM 6 RELIEF VALVE ACCORDING TO TABLE:

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>SETTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSA 20'</td>
<td>987</td>
</tr>
<tr>
<td>ANSI 20', CE 20'</td>
<td>1100</td>
</tr>
<tr>
<td>ANSI 20', CE 20', CSA 20', ALL WITH OUTREACH</td>
<td>1134</td>
</tr>
<tr>
<td>CSA 25'</td>
<td>1292</td>
</tr>
<tr>
<td>ANSI 25', CE 25'</td>
<td>1432</td>
</tr>
<tr>
<td>ANSI 30', CE 30'</td>
<td>1791</td>
</tr>
</tbody>
</table>