



| Nº Soldadura | Pieza Soldada | Diámetro Nominal | Job. Number/ Certificate | Heat Number | Nº Soldadura | Pieza Soldada | Diámetro Nominal | Job. Number/ Certificate | Heat Number |
|--------------|---------------------|------------------|--------------------------|-------------|--------------|-----------------|------------------|--------------------------|---------------|
| 126 | Codo 90° WW | 2" | 10549143 | A05690 0508 | 162 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 125 | Tubo | 2" | WS 22121501-05 | SD59510 | 161 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 124 | Codo 90° WW | 2" | 10549143 | A05690 0508 | 160 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 123 | Tubo | 2" | WS 22121501-05 | SD59510 | 159 | Codo 88° WW | 3" | 10540243 | 43260 0762 |
| 122 | Reducción Exentrica | 2"x3" | 2082604 | 773442 | 21 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 121 | Válvula POU ZDL | 3" | 88647811 | 734853 | 20 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 120 | Tubo | 3" | WS 23022201-06 | SD57832 | 19 | Válvula POU ZDL | 3" | 88647811 | 734853 |
| 119 | Codo 88° WW | 3" | 10540243 | 43260 0762 | 18 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 118 | Tubo | 3" | WS 23022201-06 | SD57832 | 17 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 117 | Codo 88° WW | 3" | 10540243 | 43260 0762 | 158 | Codo 88° WW | 3" | 10540243 | 43260 0762 |
| 116 | Tubo | 3" | WS 23022201-06 | SD57832 | 157 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 115 | Codo 92° WW | 3" | 10452068 | 14434 0762 | 156 | Codo 45° WW | 3" | 10548302 | A05645 0762 |
| 114 | Tubo | 3" | WS 23022201-06 | SD57832 | 155 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 113 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 154 | Codo 45° WW | 3" | 10548302 | A05645 0762 |
| 112 | Válvula POU ZDL | 3" | 88647811 | 734853 | 153 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 111 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 152 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 110 | Tubo | 3" | WS 23022201-06 | SD57832 | 151 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 109 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 150 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 108 | Tubo | 3" | WS 23022201-06 | SD57832 | 149 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 107 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 148 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 106 | Tubo | 3" | WS 23022201-06 | SD57832 | 147 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 105 | Codo 88° WW | 3" | 10540243 | 43260 0762 | 146 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 104 | Tubo | 3" | WS 23022201-06 | SD57832 | 145 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 103 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 144 | Válvula POU ZDL | 3" | 88647811 | 734853 |
| 102 | Válvula POU ZDL | 3" | 88647811 | 734853 | 143 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 101 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 142 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 100 | Tubo | 3" | WS 23022201-06 | SD57832 | 141 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 99 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 140 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 98 | Tubo | 3" | WS 23022201-06 | SD57832 | 139 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 97 | Codo 88° WW | 3" | 10540243 | 43260 0762 | 138 | Codo 45° WW | 3" | 10548302 | A05645 0762 |
| 96 | Tubo | 3" | WS 23022201-06 | SD57832 | 137 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 95 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 136 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 94 | Tubo | 3" | WS 23022201-06 | SD57832 | 219 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 93 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 218 | Codo 88° WW | 3" | 10540243 | 43260 0762 |
| 92 | Válvula POU ZDL | 3" | 88647811 | 734853 | 217 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 91 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 216 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 90 | Tubo | 3" | WS 23022201-06 | SD57832 | 215 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 89 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 214 | Codo 88° WW | 3" | 10540243 | 43260 0762 |
| 88 | Válvula POU ZDL | 3" | 88647811 | 734853 | 213 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 87 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 209 | Ferrule | 3" | 2081024 | L9H5 YU922774 |
| 86 | Tubo | 3" | WS 23022201-06 | SD57832 | 207 | Ferrule | 3" | 2081024 | L9H5 YU922774 |
| 85 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 208 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 84 | Tubo | 3" | WS 23022201-06 | SD57832 | 210 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 83 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 211 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 82 | Válvula POU ZDL | 3" | 88647811 | 734853 | 212 | Ferrule | 3" | 2081024 | L9H5 YU922774 |
| 81 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 220 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 80 | Tubo | 3" | WS 23022201-06 | SD57832 | 221 | Codo 88° WW | 3" | 10540243 | 43260 0762 |
| 79 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 222 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 78 | Válvula POU ZDL | 3" | 88647811 | 734853 | 223 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 77 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 27 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 76 | Tubo | 3" | WS 23022201-06 | SD57832 | 26 | Codo 88° WW | 3" | 10540243 | 43260 0762 |
| 75 | Codo 90° WW | 3" | 10546045 | 43260 0762 | 224 | Tubo | 3" | WS 23022201-06 | SD57832 |
| 74 | Válvula POU ZDL | 3" | 88647811 | 734853 | 225 | Codo 90° WW | 3" | 10546045 | 43260 0762 |
| 73 | Codo 90° WW | 3" | 10546045 | 43260 0762 | | Tubo Existente | 3" | - | - |
| 72 | Tubo | 3" | WS 23022201-06 | SD57832 | | | | | |
| 71 | Codo 90° WW | 3" | 10546045 | 43260 0762 | | | | | |
| 70 | Válvula POU ZDL | 3" | 88647811 | 734853 | | | | | |
| 69 | Codo 90° WW | 3" | 10546045 | 43260 0762 | | | | | |
| 68 | Tubo | 3" | WS 23022201-06 | SD57832 | | | | | |
| 67 | Codo 90° WW | 3" | 10546045 | 43260 0762 | | | | | |
| 66 | Válvula POU ZDL | 3" | 88647811 | 734853 | | | | | |
| 65 | Codo 90° WW | 3" | 10546045 | 43260 0762 | | | | | |
| 64 | Tubo | 3" | WS 23022201-06 | SD57832 | | | | | |
| 63 | Codo 90° WW | 3" | 10546045 | 43260 0762 | | | | | |
| 62 | Tubo | 3" | WS 23022201-06 | SD57832 | | | | | |

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|---|---|-------------------|---|----------|
| Material: 316L ASME BPE |   | | | |
| Calidad Superficial: SF1 (Ra 0,51 [µm]) | Pharmainox SpA. Rut: 76.623.809-2 Nombre del Proyecto: Lazo PW Etapa 2 Proyecto Kairos | | | |
| Escala: N/A | Nombre del Plano: Plano de Soldaduras 1 -Tramo 3" | | | |
| Notas: -Todas las longitudes presentes en el plano se encuentran medidas en [mm]. -La instalación representada es realizada bajo los lineamientos de la norma ASME BPE y todas las asociadas al proyecto. | Código Plano: | WM1-GRU-PW | Versión: | 01 |
| | Encargado | Nombre y Firma | | Fecha |
| | Dibujado por: | Cristóbal Lara R. |  | 16/11/23 |
| | Revisado por: | Claudio O'Nell G. |  | 16/11/23 |