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Process Flange (304SST, 316SST) Wetted Parts Material • 316L SST • PTFE+316L SST • HAST-C276 • TANTALUM Electrical Connection (1/2-14NPT) PVC Coating on SST Armored Capillary Length From 1 to 12M Low Pressure Side High Pressure Side MODEL CODE 1. Model : APT3100 ☐ LEC(Two Remote Seal) ☐ LES(One Remote Seal) 2. Flange Size & Material ☐ 2inch(50A) ☐ 3inch(80A) ☐ 4inch(100A) ☐ Others _____ ☐ 316L SST ☐ 304 SST 3. Flange Rating ☐ ANSI 150# ☐ ANSI 300# ☐ JIS 10K ☐ JIS 20K ☐ DIN PN10/16 ☐ DIN PN 25/40 ☐ RF ☐ FF ☐ RJT ☐ Others _____ 4. Extension Length(mm) ☐ 50 ☐ 100 ☐ 150 ☐ Others _____ 5. Diaphragm Material ☐ 316L SST ☐ PTFE+316L SST ☐ Hast-C ☐ Tantalum ☐ Others _____ 6. Fill Fluid ☐ Silicone 200 ☐ Silicone 704 ☐ Others _____ 7. Capillary Length(m) ☐ Low : _____ ☐ High : _____ 8. Electric Conn. ☐ 1/2NPT(F) ☐ G1/2(F) ☐ Others _____ 9. Hazadous Location Certificate ☐ Ex d ☐ Ex ia ☐ IP67 ☐ IP66 ☐ Others _____ 10. Option ☐ LCD Indicator(5-Digit) ☐ Oil Free ☐ Lightning Protector(Internal) ☐ Bracket BA ☐ Bracket BF ☐ Others _____ Flange Size : 80mm (3 inch) (Unit : mm) <table border="1"><thead><tr><th>Flange Rating</th><th>Mb</th><th>D</th><th>b</th><th>d2</th><th>k</th><th>f</th><th>d4</th><th>d5</th><th>X</th></tr></thead><tbody><tr><td>ANSI Class150</td><td rowspan="2">72</td><td>190</td><td>24</td><td>19</td><td>152.5</td><td rowspan="2">1.5</td><td rowspan="2">127</td><td rowspan="2">76</td><td>4</td></tr><tr><td>ANSI Class300</td><td>210</td><td>29</td><td>22</td><td>168.5</td><td>8</td></tr><tr><td>JIS 10K</td><td rowspan="2">72</td><td>185</td><td>18</td><td>19</td><td>150</td><td rowspan="2">2</td><td rowspan="2">127</td><td rowspan="2">76</td><td>8</td></tr><tr><td>JIS 20K</td><td>200</td><td>22</td><td>23</td><td>160</td><td>8</td></tr><tr><td>DIN PN 10/16</td><td rowspan="2">72</td><td>200</td><td>20</td><td>18</td><td rowspan="2">160</td><td rowspan="2">3</td><td rowspan="2">138</td><td rowspan="2">76</td><td rowspan="2">8</td></tr><tr><td>DIN PN 25/40</td><td>200</td><td>24</td><td>22</td></tr></tbody></table> Flange Size : 50mm (2 inch) (Unit : mm) <table border="1"><thead><tr><th>Flange Rating</th><th>Mb</th><th>D</th><th>b</th><th>d2</th><th>k</th><th>f</th><th>d4</th><th>d5</th><th>X</th></tr></thead><tbody><tr><td>ANSI Class150</td><td rowspan="2">40</td><td>152</td><td>19</td><td>19</td><td>120.5</td><td rowspan="2">1.5</td><td rowspan="2">92</td><td rowspan="2">48</td><td>4</td></tr><tr><td>ANSI Class300</td><td>165</td><td>22</td><td>19</td><td>127</td><td>8</td></tr><tr><td>JIS 10K</td><td rowspan="2">40</td><td rowspan="2">155</td><td>16</td><td>19</td><td>120</td><td rowspan="2">2</td><td rowspan="2">96</td><td rowspan="2">48</td><td>4</td></tr><tr><td>JIS 20K</td><td>18</td><td>19</td><td>120</td><td>8</td></tr><tr><td>DIN PN 10/16</td><td rowspan="2">40</td><td rowspan="2">165</td><td>20</td><td>18</td><td rowspan="2">125</td><td rowspan="2">3</td><td rowspan="2">102</td><td rowspan="2">48</td><td rowspan="2">4</td></tr><tr><td>DIN PN 25/40</td><td>20</td><td>18</td></tr></tbody></table> Flange Size : 100mm (4 inch) (Unit : mm) <table border="1"><thead><tr><th>Flange Rating</th><th>Mb</th><th>D</th><th>b</th><th>d2</th><th>k</th><th>f</th><th>d4</th><th>d5</th><th>X</th></tr></thead><tbody><tr><td>ANSI Class150</td><td rowspan="2">89</td><td>229</td><td>24</td><td>19</td><td>190</td><td rowspan="2">1.5</td><td rowspan="2">157</td><td rowspan="2">96</td><td rowspan="2">8</td></tr><tr><td>ANSI Class300</td><td>254</td><td>32</td><td>22</td><td>200</td></tr><tr><td>JIS 10K</td><td rowspan="2">89</td><td>210</td><td>18</td><td>19</td><td>175</td><td rowspan="2">2</td><td rowspan="2">157</td><td rowspan="2">96</td><td rowspan="2">8</td></tr><tr><td>JIS 20K</td><td>225</td><td>24</td><td>23</td><td>185</td></tr><tr><td>DIN PN 10/16</td><td rowspan="2">89</td><td>220</td><td>20</td><td>18</td><td>180</td><td rowspan="2">3</td><td rowspan="2">157</td><td rowspan="2">96</td><td rowspan="2">8</td></tr><tr><td>DIN PN 25/40</td><td>235</td><td>24</td><td>22</td><td>190</td></tr></tbody></table> <table border="1"><thead><tr><th colspan="10">Rev.</th></tr><tr><th colspan="10">Description</th></tr><tr><th colspan="10">Dwg.</th></tr><tr><th colspan="10">Date</th></tr><tr><th colspan="10">Chk'd</th></tr><tr><th colspan="10">Date</th></tr><tr><th colspan="10">App'd</th></tr><tr><th colspan="10">Date</th></tr></thead></table><table border="1"><thead><tr><th colspan="4">GENERAL TOLERANCE</th></tr><tr><th>RANGE</th><th>0.5-6</th><th>7-30</th><th>31-120</th></tr><tr><th>TOL.</th><th>±0.1</th><th>±0.2</th><th>±0.3</th></tr><tr><th>RANGE</th><th>121-315</th><th>316-1000</th><th>1001-2000</th></tr><tr><th>TOL.</th><th>±0.5</th><th>±0.8</th><th>± 1</th></tr></thead></table><table border="1"><thead><tr><th colspan="10">AUTROL® DUON System Co.,Ltd.</th></tr><tr><th colspan="10">TITLE APT3100 LEC/LES Outline Dimension</th></tr><tr><th>Size</th><th>Scale</th><th>Unit</th><th colspan="4">DWG No.</th><th colspan="2">Rev.</th></tr><tr><td>A3</td><td>NS</td><td>mm</td><td colspan="4">MD-ASS-3100-LECS</td><td colspan="2">0</td></tr><tr><td>Elec. 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