STANDARD MATERIALS OF CONSTRUCTION

End frames .............. SA-515-70, SA-516-70, or equivalent
Plate hanger ......................... Type 304 stainless steel
Compression bolts (zinc plated) ............... SA-193-B7
Compression nuts (zinc plated) ................ SA-194-2H
Connection studs (zinc plated) (optional)........ SA-193-B7
Connection nuts (zinc plated) (optional)......... SA-193-2H
Shroud (optional) ........................ Type 304 stainless steel
Paint .................................. Corrosion-resistant paint

Refer to computer printout for variable dimensions and complete plate, gasket, and connection specifications.
FLANGED CONNECTIONS

GUIDE LENGTH (DM G) 30" 48" 66" 84" 102" 120"
FRAME LENGTH 34\% 52\% 70\% 88\% 106\% 124\%
PLATE CAP AT 80 H/V 0.6mm 39 115 200 285 370 456
PLATE CAP AT 80 F/G 0.6mm 40 153 267 381 490 —
PLATE CAP AT 80 M H/V 0.5mm 36 140 243 347 451 554
PLATE CAP AT 80 M H/V 0.6mm 35 136 237 338 439 540

PLATE CAPACITY / COMPRESSION BOLT LENGTH

<table>
<thead>
<tr>
<th>COMPRESSION BOLT LENGTH</th>
<th>12&quot;</th>
<th>18&quot;</th>
<th>24&quot;</th>
<th>36&quot;</th>
<th>48&quot;</th>
<th>60&quot;</th>
<th>78&quot;</th>
<th>96&quot;</th>
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</thead>
<tbody>
<tr>
<td>PLATE CAP AT 80 H/V 0.6mm</td>
<td>21</td>
<td>50</td>
<td>78</td>
<td>135</td>
<td>192</td>
<td>249</td>
<td>334</td>
<td>419</td>
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<tr>
<td>PLATE CAP AT 80 F/G 0.6mm</td>
<td>28</td>
<td>66</td>
<td>104</td>
<td>180</td>
<td>256</td>
<td>332</td>
<td>446</td>
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<tr>
<td>PLATE CAP AT 80 M H/V 0.5mm</td>
<td>26</td>
<td>60</td>
<td>95</td>
<td>164</td>
<td>233</td>
<td>302</td>
<td>406</td>
<td>510</td>
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<tr>
<td>PLATE CAP AT 80 M H/V 0.6mm</td>
<td>25</td>
<td>59</td>
<td>93</td>
<td>160</td>
<td>227</td>
<td>295</td>
<td>396</td>
<td>497</td>
</tr>
</tbody>
</table>

NOTE: 1. ADJACENT FLANGE FACES MUST BE OFFSET IN SOME CASES. FLANGES LOCATED AT PORT POSITIONS 1 AND 4 ARE EXTENDED TO "C" DIMENSION WHEN OFFSET IS REQUIRED.
2. IF CONNECTIONS ARE OTHER THAN THE STANDARD CONNECTION (SHOWN ON FRONT), OR IF THE UNIT IS A MULTI-PASS, CONTACT PAUL MUELLER COMPANY FOR CLARIFICATION.