Local Solutions for Individual Customers Worldwide

Quick Release Couplings
Poppet Type Ball Locking - SQRC

The quick couplings of the ISO A Series have been designed in accordance with the ISO 7241-A rule. The ½” version also meets the requirements of the ISO 5675 rule.

Used for agricultural and industrial sectors.

For protection during disconnection, plastic caps and plugs are available from ¼” to 1”. Other materials available upon request (stainless steel and brass).

<table>
<thead>
<tr>
<th>Male</th>
<th>Part No.</th>
<th>Size</th>
<th>Thread</th>
<th>Max.Working Pressure</th>
<th>ØA</th>
<th>C</th>
<th>CH</th>
<th>L</th>
<th>ØB</th>
<th>B</th>
<th>ØG</th>
<th>CH1</th>
<th>Part No. Female</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQRM-04</td>
<td>¼”</td>
<td>BSP</td>
<td>350 Bar</td>
<td>¼”</td>
<td>36</td>
<td>19</td>
<td>72</td>
<td>11.8</td>
<td>26</td>
<td>51</td>
<td></td>
<td>13.05</td>
<td>19</td>
<td>SQRF-04</td>
</tr>
<tr>
<td>SQRM-06</td>
<td>⅜”</td>
<td>BSP</td>
<td>300 Bar</td>
<td>⅜”</td>
<td>40.5</td>
<td>22</td>
<td>81</td>
<td>17.25</td>
<td>32</td>
<td>58.5</td>
<td></td>
<td>18.04</td>
<td>24</td>
<td>SQRF-06</td>
</tr>
<tr>
<td>SQRM-08</td>
<td>½”</td>
<td>BSP</td>
<td>300 Bar</td>
<td>½”</td>
<td>46</td>
<td>27</td>
<td>87.5</td>
<td>25.5</td>
<td>38</td>
<td>63.5</td>
<td></td>
<td>23.8</td>
<td>30.0</td>
<td>SQRF-08</td>
</tr>
<tr>
<td>SQRM-12</td>
<td>⅜”</td>
<td>BSP</td>
<td>250 Bar</td>
<td>⅜”</td>
<td>56</td>
<td>36</td>
<td>112</td>
<td>29</td>
<td>46</td>
<td>83.5</td>
<td></td>
<td>30.7</td>
<td>38</td>
<td>SQRF-12</td>
</tr>
<tr>
<td>SQRM-16</td>
<td>1”</td>
<td>BSP</td>
<td>230 Bar</td>
<td>1”</td>
<td>63</td>
<td>41</td>
<td>126</td>
<td>34.3</td>
<td>55</td>
<td>97</td>
<td></td>
<td>36.7</td>
<td>46</td>
<td>SQRF-16</td>
</tr>
<tr>
<td>SQRM-20</td>
<td>1 ¼”</td>
<td>BSP</td>
<td>230 Bar</td>
<td>1 ¼”</td>
<td>75</td>
<td>50</td>
<td>150</td>
<td>44.95</td>
<td>70</td>
<td>117</td>
<td></td>
<td>47.9</td>
<td>60</td>
<td>SQRF-20</td>
</tr>
<tr>
<td>SQRM-24</td>
<td>1 ½”</td>
<td>BSP</td>
<td>200 Bar</td>
<td>1 ½”</td>
<td>83.5</td>
<td>60</td>
<td>167</td>
<td>55</td>
<td>84.5</td>
<td>133</td>
<td></td>
<td>57.7</td>
<td>70</td>
<td>SQRF-24</td>
</tr>
<tr>
<td>SQRM-32</td>
<td>2”</td>
<td>BSP</td>
<td>190 Bar</td>
<td>2”</td>
<td>105</td>
<td>75</td>
<td>210</td>
<td>65.1</td>
<td>100</td>
<td>165</td>
<td></td>
<td>70.1</td>
<td>75</td>
<td>SQRF-32</td>
</tr>
</tbody>
</table>

Material: Made in EN10277-3 carbon steel, all components are high stressed and carbon nitrated.

Surface finishing: Yellow Dichromated B1

Seals: Standard, in NBR. Other seal types available on request.

Back-up-ring: In PTFE, TEFLO®.

Springs: Manufactured in DIN 17223/84(B) steel.

Balls: AISI 1010/1015.

Working Temperature: -25°C +125°C with NBR seals.

Applications: The ISO A couplings have been designed for oil hydraulic applications and meet the requirements of European directive 97.23 EC.

Interchange: FASTER ANV, AEROQUIP FD56, PARKER 6600, SNAP-TITE 61,SAFEWAY S56, TEMA 5500

Safety Factor: 4:1

Pressure vs Flow Diagram

Dust Plugs and Caps
Quick Release Couplings

Poppet Type Thread Locking - STQRC

Thread locking couplings allow connection and disconnection of two hydraulic circuits at low pressure (or “residual” pressure). This thread locking mechanism gives the coupling considerable resistance to vibration caused by hammering, “ram strokes” or frequent and indelicate inversion of the direction of fluid flow.

Used for industrial applications.

For protection during disconnection, caps and plugs available from ¼” - 2”.

<table>
<thead>
<tr>
<th>Male</th>
<th>Part No.</th>
<th>Size</th>
<th>Thread</th>
<th>Max. Working Pressure</th>
<th>ØA</th>
<th>C mm</th>
<th>CH mm</th>
<th>L mm</th>
<th>ØF mm</th>
<th>ØD</th>
<th>CH1 mm</th>
<th>B mm</th>
<th>Part No. Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>STQRM-04</td>
<td>¼”</td>
<td>BSP/NPT</td>
<td>950 Bar</td>
<td>½”</td>
<td>34</td>
<td>19</td>
<td>68</td>
<td>14.9</td>
<td>M27x1.5</td>
<td>32</td>
<td>57</td>
<td>STQRF-04</td>
<td></td>
</tr>
<tr>
<td>STQRM-06</td>
<td>⅜”</td>
<td>BSP/NPT</td>
<td>750 Bar</td>
<td>¾”</td>
<td>41</td>
<td>22</td>
<td>86</td>
<td>18.9</td>
<td>M30x1.5</td>
<td>34</td>
<td>71.5</td>
<td>STQRF-06</td>
<td></td>
</tr>
<tr>
<td>STQRM-08</td>
<td>½”</td>
<td>BSP/NPT</td>
<td>750 Bar</td>
<td>⅜”</td>
<td>47</td>
<td>37</td>
<td>94</td>
<td>22.0</td>
<td>M35x1.5</td>
<td>41</td>
<td>74.5</td>
<td>STQRF-08</td>
<td></td>
</tr>
<tr>
<td>STQRM-12</td>
<td>¾”</td>
<td>BSP/NPT</td>
<td>650 Bar</td>
<td>½”</td>
<td>57</td>
<td>35</td>
<td>114</td>
<td>29</td>
<td>M40x1.5</td>
<td>59.0</td>
<td>90.5</td>
<td>STQRF-12</td>
<td></td>
</tr>
<tr>
<td>STQRM-16</td>
<td>1”</td>
<td>BSP/NPT</td>
<td>450 Bar</td>
<td>¾”</td>
<td>64</td>
<td>41</td>
<td>128</td>
<td>36</td>
<td>M44x1.5</td>
<td>65</td>
<td>103.5</td>
<td>STQRF-16</td>
<td></td>
</tr>
<tr>
<td>STQRM-20</td>
<td>1 ¼”</td>
<td>BSP</td>
<td>450 Bar</td>
<td>1”</td>
<td>75</td>
<td>58</td>
<td>150</td>
<td>49.8</td>
<td>M44x1.5</td>
<td>80</td>
<td>130.5</td>
<td>STQRF-20</td>
<td></td>
</tr>
<tr>
<td>STQRM-24</td>
<td>1 ½”</td>
<td>BSP</td>
<td>300 Bar</td>
<td>1 ¼”</td>
<td>81</td>
<td>63</td>
<td>162</td>
<td>55</td>
<td>M44x1.5</td>
<td>85</td>
<td>141</td>
<td>STQRF-24</td>
<td></td>
</tr>
<tr>
<td>STQRM-32</td>
<td>2”</td>
<td>BSP</td>
<td>300 Bar</td>
<td>1 ½”</td>
<td>129</td>
<td>71</td>
<td>236</td>
<td>69</td>
<td>M50x2</td>
<td>105</td>
<td>205</td>
<td>STQRF-32</td>
<td></td>
</tr>
</tbody>
</table>

Material: Made in EN10277-3 gauged carbon steel.
Surface finishing: Yellow Bichromated
Seals: Standard, in NBR. Other seals types available on request.
Back-up-ring: In PTFE, TEFLON®
Springs: Manufactured in DIN 17223/84(B) steel.

Working Temperature: -25°C +125°C with NBR seals.
Applications: Couplings have been designed for oil hydraulic applications and meet the requirements of European directive 97.23 EC.
Interchange: GROMELLE 6000
Safety Factor: 4:1

Pressure vs Flow Diagram

Dust Plugs and Caps

<table>
<thead>
<tr>
<th>Dust Plug</th>
<th>Plug Part No.</th>
<th>Size</th>
<th>Cap Part No.</th>
<th>Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>STQRP-04</td>
<td>¼”</td>
<td>STQRC-04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STQRP-06</td>
<td>⅜”</td>
<td>STQRC-06</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STQRP-08</td>
<td>½”</td>
<td>STQRC-08</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STQRP-12</td>
<td>¾”</td>
<td>STQRC-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STQRP-16</td>
<td>1”</td>
<td>STQRC-16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STQRP-20</td>
<td>1 ¼”</td>
<td>STQRC-20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STQRP-24</td>
<td>1 ½”</td>
<td>STQRC-24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STQRP-32</td>
<td>2”</td>
<td>STQRC-32</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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