

## Datasheet Welltec® Wellgrab 218 HIROS

By allowing reliable disconnect of fishing strings or relocating the fish in the well, the electric release fishing tool is designed to improve and simplify fishing operations. The required grapple type, either external or internal, can be easily assembled on the tool by only changing a few parts. Electrical disconnect can be activated at any time when required.

Additionally, the HIROS configuration offers the added capability of real-time measurement of the ID/OD of the target. This feature enhances operational flexibility, working in combination with a motor-driven grapple engagement force of up to 13,000 lbs.

Applications	Features	Benefits
<ul style="list-style-type: none"> <li>Retrieving plugs</li> </ul>	<ul style="list-style-type: none"> <li>Interchangeable stand-off rings and bell guides</li> </ul>	<ul style="list-style-type: none"> <li>Prevents premature release of the fishing tool during fishing or retrieving</li> </ul>
<ul style="list-style-type: none"> <li>Fishing operations</li> </ul>	<ul style="list-style-type: none"> <li>Simple change-out grapples</li> </ul>	<ul style="list-style-type: none"> <li>50% higher safe working loads than for standard pulling tools</li> </ul>
<ul style="list-style-type: none"> <li>Relocating downhole assemblies</li> </ul>	<ul style="list-style-type: none"> <li>5.7 ton capacity on release power</li> </ul>	<ul style="list-style-type: none"> <li>Digital, real-time communication with fishing tool</li> </ul>
<ul style="list-style-type: none"> <li>Heavy Duty fishing</li> </ul>	<ul style="list-style-type: none"> <li>Electrical release command</li> </ul>	<ul style="list-style-type: none"> <li>Operates on any e-line via DC</li> </ul>
<ul style="list-style-type: none"> <li>Surface controlled manipulation of downhole components</li> </ul>	<ul style="list-style-type: none"> <li>Adjustable reach</li> </ul>	<ul style="list-style-type: none"> <li>Latching confirmation by ID/OD measurement</li> </ul>
<ul style="list-style-type: none"> <li>Replace requirement for deployment BOP operations</li> </ul>	<ul style="list-style-type: none"> <li>Bi-directional motor for grapple manipulation</li> <li>Fail-safe timer release device</li> <li>Real-time ID/OD measurement</li> </ul>	<ul style="list-style-type: none"> <li>Debris tolerant fishing solution</li> </ul>

Specifications*	Imperial	Metric
<ul style="list-style-type: none"> <li>Length</li> </ul>	<ul style="list-style-type: none"> <li>6.06 ft</li> </ul>	<ul style="list-style-type: none"> <li>1847 mm</li> </ul>
<ul style="list-style-type: none"> <li>Tool OD</li> </ul>	<ul style="list-style-type: none"> <li>2.125"</li> </ul>	<ul style="list-style-type: none"> <li>54 mm</li> </ul>
<ul style="list-style-type: none"> <li>Weight in air</li> </ul>	<ul style="list-style-type: none"> <li>45 lbs</li> </ul>	<ul style="list-style-type: none"> <li>20.5 Kg</li> </ul>
<ul style="list-style-type: none"> <li>Minimum completion ID</li> </ul>	<ul style="list-style-type: none"> <li>2.275"</li> </ul>	<ul style="list-style-type: none"> <li>57.8 mm</li> </ul>
<ul style="list-style-type: none"> <li>Grapple range – Fishing object size range</li> </ul>	<ul style="list-style-type: none"> <li>0.875" – 5.630*</li> </ul>	<ul style="list-style-type: none"> <li>22 mm – 508 mm</li> </ul>
<ul style="list-style-type: none"> <li>Safe working load</li> </ul>	<ul style="list-style-type: none"> <li>66 klbs</li> </ul>	<ul style="list-style-type: none"> <li>29.9 ton</li> </ul>
<ul style="list-style-type: none"> <li>Max pressure rating</li> </ul>	<ul style="list-style-type: none"> <li>10.000 psi</li> </ul>	<ul style="list-style-type: none"> <li>690Bar</li> </ul>
<ul style="list-style-type: none"> <li>Temperature rating</li> </ul>	<ul style="list-style-type: none"> <li>302F</li> </ul>	<ul style="list-style-type: none"> <li>150°C</li> </ul>

\* Dependent upon configuration and can be custom designed to different sizes

