Application:

Hydrohammer® Leader guided for steel piles
Piling free hanging in air and underwater

<table>
<thead>
<tr>
<th>POS. DESCRIPTION</th>
<th>LENGTH [MM]</th>
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<th>LENGTH [MM]</th>
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<td>G</td>
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<table>
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<tr>
<th>POS. LIFTING EYES</th>
<th>WORKING LOAD LIMIT [TONS]</th>
<th>HOLE DIAM. Ø [MM]</th>
<th>THICKNESS [MM]</th>
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<tbody>
<tr>
<td>L1</td>
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<td>70</td>
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<td>L2/L3</td>
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<td>33</td>
<td>40</td>
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</table>

Standard (type G-4163) for Top Shackle
OPERATING DATA

Max. net energy  70  kJ
Min. net energy  7  kJ
Blow rate  50  Blows/min
At max. energy and recommended oil flow

WEIGHT

Ram  3,5  tons
Hammer (incl. ram, in air)  8,5  tons
Hammer (incl. ram, in salt water)  6,25  tons
(Only if fully submerged)

HYDRAULIC DATA

Operating pressure  300  bar
Max. pressure  350  bar
Max. oil flow  250  l/min
Power pack, back pressure valve setting  18 - 22  bar
Power pack, back pressure valve activated

GAS FILLING PRESSURE

Vertical pile driving only! Values will vary for:
- pile driving under different angles with the vertical,
- pile driving underwater depending on water depth.

Supply accumulator (Nitrogen)  140 - 170  bar
Return accumulator (Nitrogen):
- with activated back pressure valve*  13 - 17  bar
- without back pressure valve  4 - 5  bar
Cap (Nitrogen or Air)  12 - 15  bar

SAFETY SETTING

Cap  40  bar

HOSE CONNECTIONS

Oil supply 1 1/4" hose (P)  M52x2 male
Oil return 1 1/4" hose (R)  M52x2 male
Air to cap (CA)  R 1/4" male

* NOTE

IHC IQIP recommends to use a back pressure in the return line of the hydraulic system circuit while pile driving. In case a power pack does not have a back pressure valve installed, it is recommended to install one.