Rotorjets

Type RD Flex 3000 MONO
with adjustable rotation speed

- Designed for use with the SP 3000 and Ergoblast® guns, lances etc.
- Low wear, leakage free rotating components
- Internal protected brake
- Quick change seal system
- Nozzle inserts are countersunk in the nozzle carrier
- Nozzle carrier protected by blast back shield
- Aluminium protective sleeve

Typical applications
- Renovation: surface layer (render etc.) removal, paint removal, facade cleaning
- Concrete renovation: surface roughening, removal, exposing reinforcing bars
- Surface cleaning
  Paint removal from metal surface
- Removing resilient coatings
- Descaling and cleaning of ships’ hulls, turbine wheels, propellers, and “spot blasting”.

Technical Data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Op. pressure</td>
<td>max. 43,500 psi</td>
</tr>
<tr>
<td>Flow rate</td>
<td>max. 8 gpm</td>
</tr>
<tr>
<td>Pressure loss at 5 gpm</td>
<td>435 psi</td>
</tr>
<tr>
<td>Pump power</td>
<td>see at the table</td>
</tr>
<tr>
<td>Rotation speed</td>
<td>1,000 – 4,000 r.p.m.</td>
</tr>
<tr>
<td>Weight</td>
<td>5 lbs</td>
</tr>
<tr>
<td>Length</td>
<td>8 inch</td>
</tr>
<tr>
<td>Diameter</td>
<td>3 inch</td>
</tr>
<tr>
<td>Spanner size</td>
<td>0.94 inch</td>
</tr>
<tr>
<td>Connection thread</td>
<td>M 14 x 1.5 LH</td>
</tr>
<tr>
<td>Nozzle inserts</td>
<td>1 piece</td>
</tr>
</tbody>
</table>

When working with hand held guns or lances the maximum permissible axial reaction force is 184 lbf·ft. If the reaction force exceeds 111 lbf·ft the blasting tool must be fitted with a support device such as a shoulder stock.

Accessories

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Code no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adapter for connection</td>
<td>01.05300.0727</td>
</tr>
<tr>
<td>9/16 – 18 UNF LH 3/8”</td>
<td>01.05320.0256</td>
</tr>
<tr>
<td>Connection piece</td>
<td>01.05320.0409</td>
</tr>
<tr>
<td>M14 x 1.5 LH (inside) - M14 x 1.5 LH (outside)</td>
<td>04.00795.0064</td>
</tr>
<tr>
<td>Driving nozzle for RD Flex 3000 MONO 1</td>
<td>04.00795.0102</td>
</tr>
<tr>
<td>RD Flex 3000 Mono 2</td>
<td>04.06224.0084</td>
</tr>
<tr>
<td>Tool for driving nozzle</td>
<td>01.01894.0057</td>
</tr>
<tr>
<td>Protection cap</td>
<td>01.05333.0002</td>
</tr>
<tr>
<td>Wearing ring</td>
<td>01.05333.0002</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rotorjet Type</th>
<th>Op. pressure</th>
<th>suitable nozzle inserts</th>
<th>Connection</th>
<th>Code no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RD Flex 3000 MONO 1</td>
<td>31,900 – 43,500 psi</td>
<td>Type „P“ and „T“*</td>
<td>M 14 x 1.5 LH</td>
<td>00.00786.0239</td>
</tr>
<tr>
<td>RD Flex 3000 MONO 2</td>
<td>21,755 – 31,900 psi</td>
<td>Type „P“ and „T“*</td>
<td>M 14 x 1.5 LH</td>
<td>00.00786.0241</td>
</tr>
</tbody>
</table>

* Nozzle selection according to the chart and data sheet (Chapter 12.J.15/ 12.J.18).
Note the maximum permissible reaction forces (103 lbf·ft / 184 lbf·ft).