**ART. 3C1/16111TTP**  
Diaphragm pumps - entirely in aluminum

Diaphragm pump series 1/2" 120-AB in aluminum with membranes in PTFE+Hytrel®, seats in PP and balls in PTFE

**FLUIDS**
- WASTE OIL  
- FRESH OIL  
- ANTIFREEZE  
- WINDSHIELD FLUID  
- WATER  
- DIESEL FUEL

**SECTORS**
- AERONAUTIC  
- AGRICULTURE  
- AUTOMOTIVE  
- LUBE TRUCK AND INDUSTRIAL VEHICLE  
- CLEANING  
- BUILDING INDUSTRY AND ROAD CONSTRUCTION  
- RAILWAY TRANSPORT  
- CHEMICAL INDUSTRY  
- MANUFACTURING INDUSTRY  
- MINING  
- SHIPPING AND OFFSHORE

**CERTIFICATIONS**
- ATEX (ZONE 1)  
- ATEX (ZONE 21)

<table>
<thead>
<tr>
<th>Features</th>
<th>UM</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow rate</td>
<td>l/min</td>
<td>70</td>
</tr>
<tr>
<td>Ratio</td>
<td></td>
<td>1:1</td>
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<tr>
<td>Max pressure</td>
<td>bar</td>
<td>8</td>
</tr>
<tr>
<td>Max cicles for minute</td>
<td>cpm</td>
<td>400</td>
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<tr>
<td>Delivery for cicles</td>
<td>litres</td>
<td>0,188</td>
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<tr>
<td>Max suction lift</td>
<td>m</td>
<td>dry column 4,5 - wet column 7,5</td>
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<tr>
<td>Max size pumpable solids</td>
<td>mm</td>
<td>1,5</td>
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<tr>
<td>Max working temperature</td>
<td>°C</td>
<td>100</td>
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<tr>
<td>Noise level</td>
<td>dB</td>
<td>75</td>
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<tr>
<td>Max air consumption</td>
<td>m³/min</td>
<td>0,80</td>
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<tr>
<td>Air working pressure</td>
<td>bar</td>
<td>2 + 6</td>
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</tbody>
</table>
| Air inlet connection            |      | G 3/8" (f)  
| Air outlet connection (muffler) |      | G 1/2" (f)  
| Fluid inlet connection         |      | G 3/4" (f)  
| Fluid outlet connection         |      | G 1/2" (f)  
| Balls for inlet                |      | ball valve  
| Membranes                      |      | PTFE+Hytrel®  
| Balls                          |      | PTFE  
| Seats                          |      | polypropylene  
| Packing                        | N° - m³ | 1 - 0,02  
| Gross weight                   | kg  | 6,3    |