Smart Standard

With ProCam Smart we offer a high quality, economic pump for the customer with less demanding applications.

For basic dosing pump duties and a “Smart” economic solution, select ProCam Smart.

Performance is not compromised as the pump range uses the well proven ProCam design to achieve long lasting reliable operation, as expected from all Bran+Luebbe pumps.

Standardisation means not only low investment, but as most of the components are identical and interchangeable, spares can be minimized leading to low storage cost and high availability.

**PROCAM SMART IN ENERGY PRODUCTION**

<table>
<thead>
<tr>
<th>Applications</th>
<th>Metered fluids</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical degassing</td>
<td>Hydrazine, Levoxine, Helamin</td>
</tr>
<tr>
<td>Oxygen scavenging</td>
<td>Hydrazine, Levoxine, Helamin</td>
</tr>
<tr>
<td>Corrosion inhibition</td>
<td>Hydrogen peroxide ($H_2O_2$), Helamin</td>
</tr>
<tr>
<td>Caustification</td>
<td>Ammonia ($NH_3$)</td>
</tr>
<tr>
<td>Decarbonizing</td>
<td>Lime</td>
</tr>
</tbody>
</table>

**PROCAM SMART IN WATER AND SEWAGE TREATMENT**

<table>
<thead>
<tr>
<th>Applications</th>
<th>Metered fluids</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flocculation</td>
<td>Activated Silica ($SiO_2$)</td>
</tr>
<tr>
<td>Fluoridizing</td>
<td>Fluorides</td>
</tr>
<tr>
<td>pH-control</td>
<td>Caustic (NaOH) Lime Sulphuric Acid ($H_2SO_4$)</td>
</tr>
<tr>
<td>Oxidation</td>
<td>Potassium Permanganate ($KMnO_4$)</td>
</tr>
</tbody>
</table>

**PROCAM GENERAL APPLICATIONS**

- Chemical Industry
- Textile Industry
- Paper Industry and Wood Processing
- Plastic and Building Chemicals
ProCam Smart

THE ECONOMIC MULTIPURPOSE ALTERNATIVE.

ProCam Smart is an uncompromised, standard, economic, general purpose metering pump with stainless steel liquid end, suitable for handling many liquids, including hazardous fluids.

ADVANTAGES
• Hermetically sealed pump design
• Diaphragm head with mechanically operated PTFE double-diaphragm
• Diaphragm status control by hose nipple

MATERIALS (PRODUCT WETTED PARTS)
• Stainless Steel

PUMP CONNECTIONS
• Female thread DIN ISO 228

PUMP GEAR
• Robust cast iron gearbox
• Metallic gear components

STROKE ADJUSTMENT
• Manual

TYPE OF GEAR
• Integrated worm gear

DRIVE
• Fixed speed
• Standard IEC motors, IP 55

OPERATING PRESSURE / FLOW RATE
• up to 20 bar
• up to 500 l/h

FLOW RATE AND PRESSURE

<table>
<thead>
<tr>
<th>PROCAM SMART TYPE</th>
<th>MAX. FLOWRATE l/min</th>
<th>MAX. PRESSURE bar</th>
<th>CONNECTIONS</th>
<th>MOTOR POWER kW</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50</td>
<td>72</td>
<td>100</td>
<td>144</td>
</tr>
<tr>
<td>DS 15</td>
<td>5</td>
<td>7,5</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>DS 50</td>
<td>17,5</td>
<td>25</td>
<td>35</td>
<td>50</td>
</tr>
<tr>
<td>DS 200</td>
<td>70</td>
<td>100</td>
<td>140</td>
<td>200</td>
</tr>
<tr>
<td>DS 500</td>
<td>175</td>
<td>250</td>
<td>350</td>
<td>500</td>
</tr>
</tbody>
</table>

ARTICLE NUMBER (PLEASE USE WHEN ORDERING)

<table>
<thead>
<tr>
<th>PROCAM SMART TYPE</th>
<th>STROKE FREQUENCY MIN⁻¹</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50</td>
</tr>
<tr>
<td>DS 15</td>
<td>BL440234</td>
</tr>
<tr>
<td>DS 50</td>
<td>BL440238</td>
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<tr>
<td>DS 200</td>
<td>BL440242</td>
</tr>
<tr>
<td>DS 500</td>
<td>BL440246</td>
</tr>
</tbody>
</table>
THE PRODUCT RANGE - MORE EXAMPLES OF BRAN+LUEBBE PRODUCTS WITH HIGH QUALITY STANDARD, INNOVATION AND KNOW-HOW.

Metering pumps
for all process areas
where liquids are
metered and mixed.
NOVADOS

Process pumps
for large flow rates
and high operating pressures
NOVAPLEX Classic
NOVAPLEX Integral
NOVAPLEX Vector

Dynamic
in-line mixer
for gentle
but intensive mixing
PENTAX
PENTAX Hygienic

Process systems
as a complete
solution for increased
productivity and quality
AutoBlend
Metering and mixing systems

Oil & Gas systems
to aid oil & gas recovery
onshore and offshore
Solar Panel Packages
Chemical Injection Systems
Flow Control Device Panels

On-line Analyzers
for use in water and
effluent treatment
PowerMon
PowerMon S
PowerMon Compact

Global locations

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