



### **Metering Pumps**



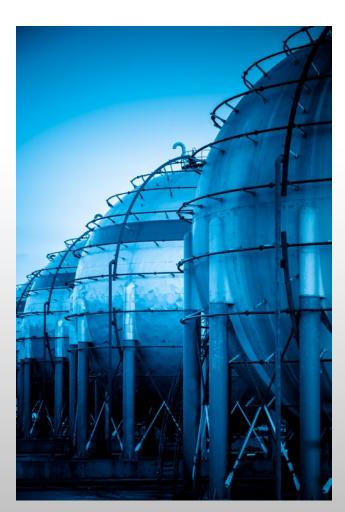




## SMART STANDARD

### $\checkmark$

For more than 80 years, SPX FLOW's Bran+Luebbe brand has been providing customers with high quality metering, processing and analysing equipment.



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 minimised leading to low storage cost and high availability.

#### **PROCAM SMART IN ENERGY PRODUCTION**

Applications	Metered Fluids
Chemical degassing	Levoxine, Helamin
Oxygen scavenging	Levoxine, Helamin
Corrosion inhibition	Helamin
Decarbonizing	Lime

#### PROCAM SMART IN WATER AND SEWER TREATMENT

Applications	Metered Fluids
Flocculation	Activated Silica (SiO <sub>2</sub> )
Fluorodizing	Fluorides
pH-control	Sodium Hydroxide (NaOH), Lime, Sulphuric Acid (H <sub>2</sub> SO <sub>4</sub> )
Oxidation	Potassium Permanganate (KMnO <sub>4</sub> )
Fertilizers	Ammonium Nitrate
Anti-Scaling	Citric Acid, Phosphoric Acid
Water	Water Treatment

#### **PROCAM IN 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



PROCAM SMART TYPE	MAXIMUM FLOW RATE STROKE FREQUENCY MIN <sup>-1</sup>			MAXIMUM PRESSURE	CONNECTIONS	MOTOR POWER	
	50	72	100	144	I KLOODKL		
DS 15	6 l/h	7.5 l/h	10 l/h	15 l/h	20 bar	G 3/8"	0.18 kW
DS 50	17.5 l/h	25 l/h	35 l/h	50 l/h	10 bar	G 3/8"	0.18 kW
DS 200	70 l/h	100 l/h	140 l/h	200 l/h	10 bar	G 1/2"	0.55 kW
DS 500	175 l/h	250 l/h	350 l/h	500 l/h	8 bar	G 1"	0.75 kW

#### **Article Number\***

PROCAM SMART TYPE	STROKE FREQUENCY MIN <sup>-1</sup>						
	50	72	100	144			
DS 15	BL440234	BL440233	BL440232	BL440231			
DS 50	BL440238	BL440237	BL440236	BL440235			
DS 200	BL440242	LB440241	BL440240	BL440239			
DS 500	BL440246	BL440245	BL440244	BL440243			

\*Please use when ordering.

>Bran+Luebbe<sup>®</sup>



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