sames kremlin

Liquid paint
application solutions



20F100

Flowmax® Paint Pump

Product highlights

- Flowmax® technology for zero maintenance
- Designed for moisture-sensitive and slightly abrasive materials
- Extended lifetime



BOND • PROTECT • BEAUTIFY

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20F100

Flowmax® Paint Pump

Flowmax® paint pump for medium pressure applications. Recommended for all materials, including water-based and high solids.

Adapted industrial markets


ACE*


Industrial


Transportation


Wood


Railways

Technical data table

Designation	Value	Unit
Maximum Air Pressure	6 (87)	**bar (psi)**
Pump displacement	100 (6.10)	**cc/cycle (in^3/cycle)**
Fluid Output at 20 cycles / mn	2 (0.52)	**l/min (gal/min)**
Fluid Output at 60 cycles / mn	6 (1.60)	**l/min (gal/min)**
Free Flow Rate	6 (1.60)	**l/min (gal/min)**
Number of cycles per liter of products	10	
Height	975 (38.40)	**mm (in)**
Width/depth	470 (18.50)	**mm (in)**
Depth	270 (10.60)	**mm (in)**
Maximum Material Pressure	120 (1740)	**bar (psi)**
Pressure ratio	20/1	
Weight	27 (59.5)	**kg (lbs)**
Maximum Temperature	50 (122)	**°C (°F)**
Power Source	Pneumatic	
Sound Level	76	**dbA**
Certification	CE II 2G h T5	
Motor Type	Mechanical reversing block Turbo	
Pump Type	Flowmax	
Air Inlet Fitting	F 3/8 BSPP	
Material Inlet Port	M26x125	
Material Outlet Port	M 1/2" JIC	
Wetted Parts	Hard chrome stainless steel, Polyethylene, Stainless steel 303, Tungsten carbide	

Marking

Product	Type
20F100	CE 0080 Ex CE II 2G h T5

*: "AgricultureConstruction and Earthmoving"

Technologies



2 Ball | Flowmax® | Flowmax® feeding

Description

No dynamic sealing & provides leak free technology.

Performances

• High output to feed several guns in circulation
• High suction power for materials up to 4,000 cps
• Turbo air motor available for continuous 24/7 use

Productivity

• Flowmax® bellows technology - total sealing & dust free, no lubricant cup
• Ideal for moisture-sensitive catalysts & UV products

Sustainability

•Triple chrome piston & cylinder, stainless steel ball & carbide seat for long-term use
•Sleek design with minimal parts. The inversion system provides a fast changeover for a constant material delivery
•Bellow life time 10,000,000 cycles - up to 8 years

Accessories

Designation	Part number
Stainless steel drain rod Ø16 elbowed F18 x 125	049596000
Two Post Cart w/o plate	051221000
SST SLEEVE L70MM - MM 3/8" NPT	055580301
Pump Mounting Plate with straps	056100199
SST Suction rod Ø23 plunging tube length elbowed 570 mm M26x125	149596150
SST Suction rod Ø23 plunging tube length 1000mm elbowed (for 200 liters drums) M26x125	149596160
Gravity hopper 6 liters	151140230
AIR REGULATOR KIT FOR AIRMIX SPRAYING	151740200
Fluid filter 3/8 Mesh 6	155580300

Spare parts

Designation	Part number
SEAL KIT FOR HYD F100	144960291
SERVICING KIT FOR HY. F100	144960292
Seal kit for 1000-4 air motor including reversing-block seals	146270991
Full maintenance kit for 1000-4 air motor including reversing-block seals	146270995
UPPER GT SEAL HYD F100	909150213
LOWER GT SEAL HYD F100	909150215

Equipment

Designation	Part number
AIRMIX PUMP 20F100 FLOWMAX BARE	151781000
AIRMIX PUMP 20F100 FLOWMAX W/M W/O FILTER WITH SUCTION D25	151781100
AIRMIX PUMP 20F100 FLOWMAX W/M WITH FILTER AND SUCTION D25	151781200
KIT AIRMIX PUMP 20F100 FLOWMAX TROLLEY W/FILTER, SUCTION D25	151781400
AIRMIX PUMP 20F100 FLOWMAX TURBO W/M W/O FILTER W/O SUCT D25	151783100
AIRMIX PUMP 20F100 FLOWMAX TURBO W/M WITH FILTER, SUCT D25	151783200

Additional information

- User manual
- Spare parts
- Accessories
- Documents
- Videos

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