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Model Number: 8000-543-250

Shurflo 8000-543-250, 12V 60psi, Viton/Santoprene Pump, w/Internal Bypass, 8.702-291.0

Manufacturer: Shurflo

Positive Displacement 3 Chamber Diaphragm Pump

MODEL NUMBER: 8000-543-250 , 8.702-291.0, 87022910

PUMP DESIGN: Positive Displacement 3 Chamber Diaphragm Pump

CAM: 3.0 Degree

MOTOR: Permanent Magnet, P/N 11-111-00

VOLTAGE: 12 VDC Nominal

PRESSURE SWITCH: None

LIQUID TEMPERATURE: 170 Degrees Fahrenheit (77 Degrees Centigrade) Max.

PRIME: Self-Priming Up To 11 Ft. Vertical,  
Max. Inlet Pressure 30 PSI (2.1 Bar)

PORTS: 3/8"-18 NPT Female

MATERIAL OF CONSTRUCTION:

PLASTICS- Polypropylene

VALVES- Viton

DIAPHRAGM- Santoprene

FASTENERS- Cad or Zinc Plated Steel

NET WEIGHT: 4.0 Lbs (1.8 Kg)

DUTY CYCLE: Continuous (See Temperature Rise Chart)

TYPICAL APPLICATIONS: Agricultural Spraying

BYPASS: 45 PSI

8000 Series Diaphragm Pump  
Bypass Pump  
(12 VDC)



Model

8000-543-250

Description

1.8 GPM open flow, Viton® valves, Santoprene® diaphragm,  
60 PSI Internal Bypass, 3/8" NPT-Female ports, Poly Housing

Voltage

12 VDC

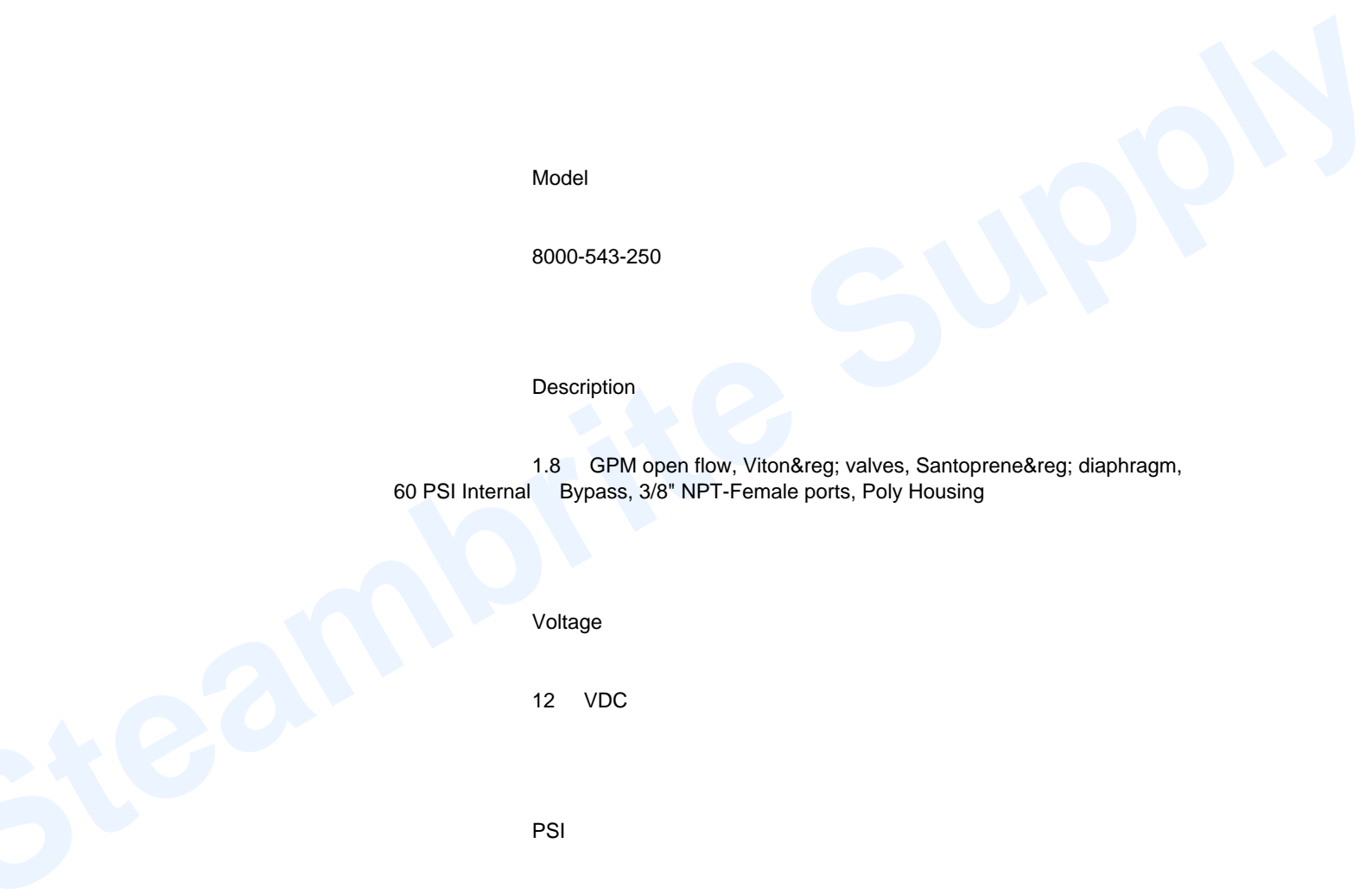
PSI

20

40

50

BAR





1.4

2.8

4.1

GPM

1.30

0.69

0.18

L/min

4.9

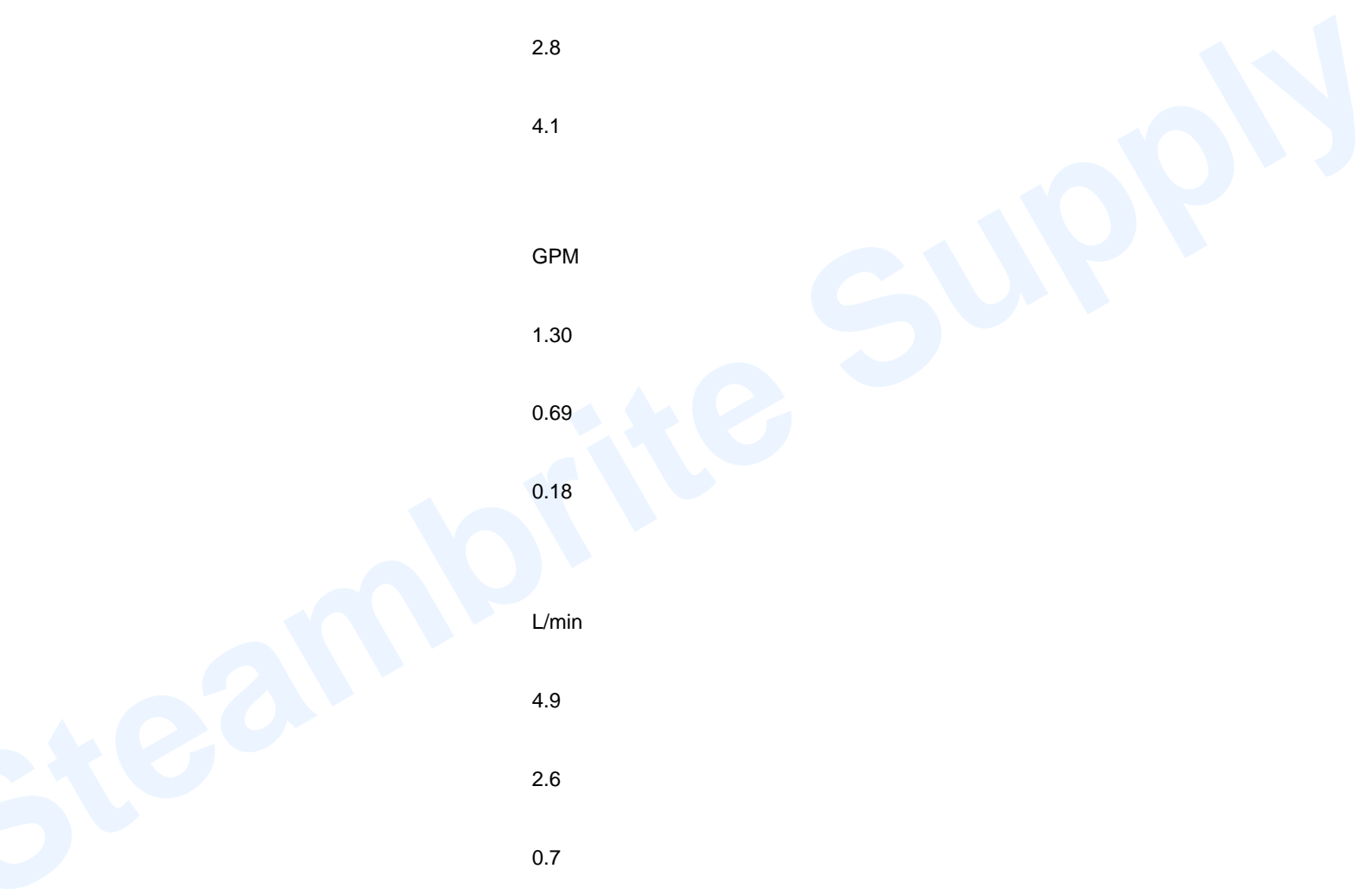
2.6

0.7

Amps

4.0

5.2



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5.5

\* Additional technical information is available below in PDF format.  
Adobe Acrobat Reader is required to view these documents.

[Product Data Sheet](#) | [Troubleshooting](#) | [Replacement Parts](#)

See Also:

[Shurflo: Head Replacement - 8050 / 8000 Series - Viton \[94-380-28\]](#)

[Shurflo: Head Replacement - 8050 / 8000 Series - EPDM \[94-380-17\]](#)

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*Availability: This product was added to our catalog on Tuesday 08 July, 2008*

Steambrite Supply