

STURDOS SDFGS SERIES

Solenoid Dosing Pumps



STURDOS

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SDFGS- K Series

SDFGS - P Series



1 SDFGS SERIES -The ultimate solution for precise and versatile dosing needs

SDFGS solenoid driven dosing pumps are specifically designed to meet the demands of various water treatment application ensuring precise and consistent chemical dosing.

Why choose SDFGS Series:

Unmatched performance

With SDFGS Series you can count on exceptional and versatile performance every time, our pumps are engineered with precision to deliver accurate dosing, meaning perfect chemical balance in your systems.

Reliability & durability

We understand the importance of a reliable dosing solution, that's why SDFGS series pumps are built to last, the liquid ends are resistant to a wide range of chemicals and will perform flawlessly even in demanding.

Easy to install & operate

We believe simplicity is key, SDFGS solenoid pumps are designed for effortless installation and operation with user-friendly interfaces and intuitive controls, you'll have your dosing system up and running in no time.

Safe design

SDFGS Series pumps feature built-in safety mechanisms that prevent over-dosing and protect against system malfunctions. With these pumps, you can trust that your water treatment process is both efficient and secure.

Built in performance selector

Solenoid driven dosing pumps SDFGS Series are the ultimate solution for precise and versatile dosing needs, allowing to achieve three different flow rates using the same pump.

The same solenoid driven dosing pump can adapt to the specific needs of the installation, outputting more flow rate to meet the chemical requirements of the plant or reduce the max flow rate to ensure even more precise dosing



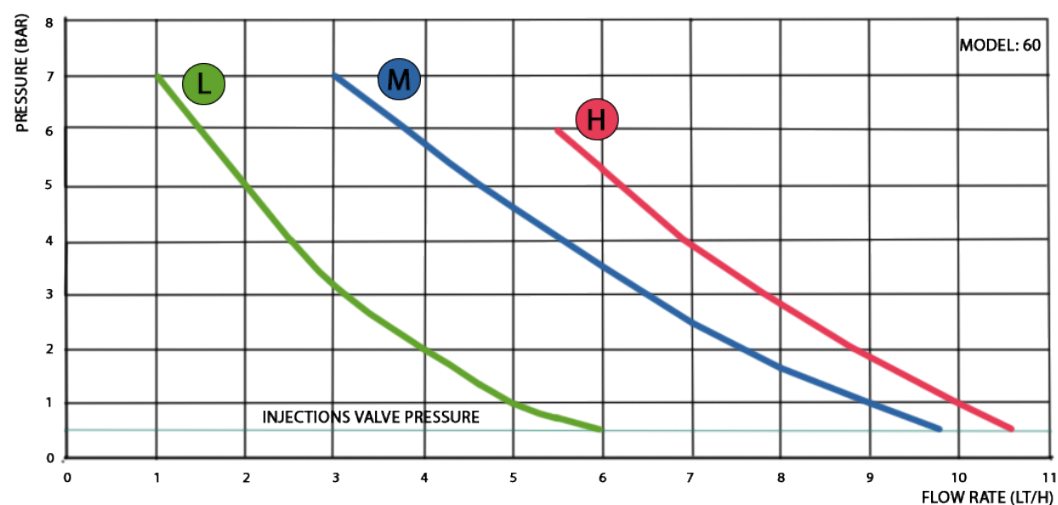
SDFGS K



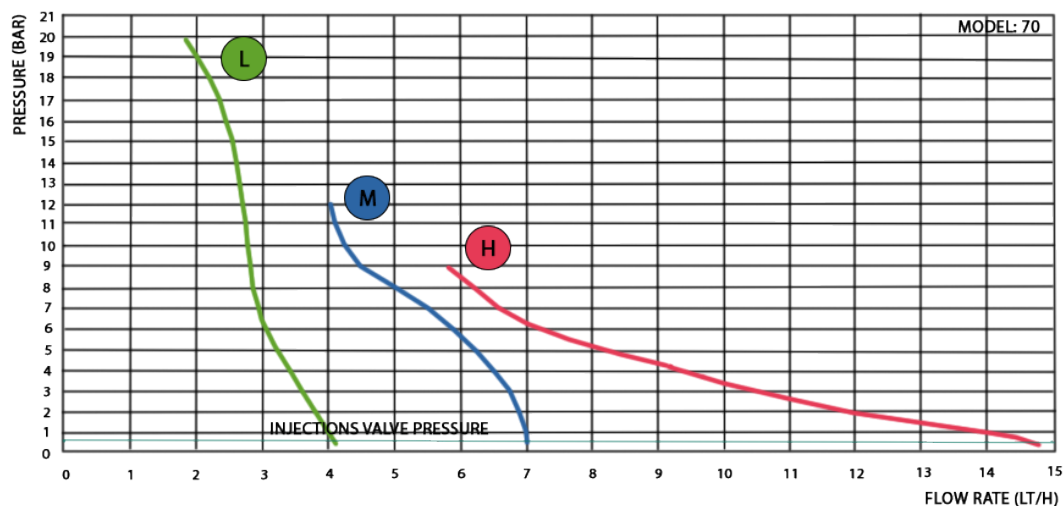
SDFGS P

2 SDFGS - Performance and curves

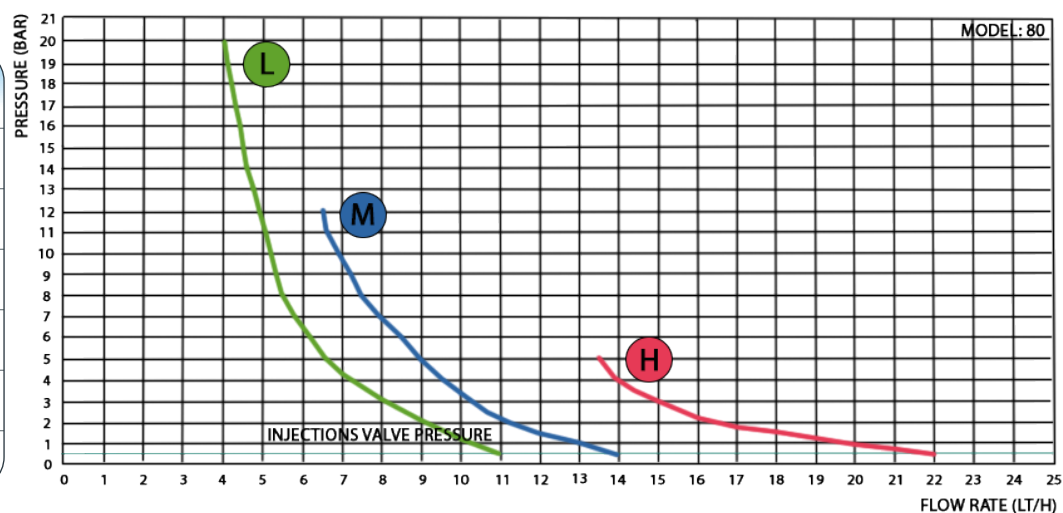
Solenoid	Size	Type
60	L	1 lph / 7 bar
		5lh / 1 bar
	M	3 lph / 7 bar
		9lph / 1 bar
	H	5 lph / 6 bar
		10 lph / 1 bar



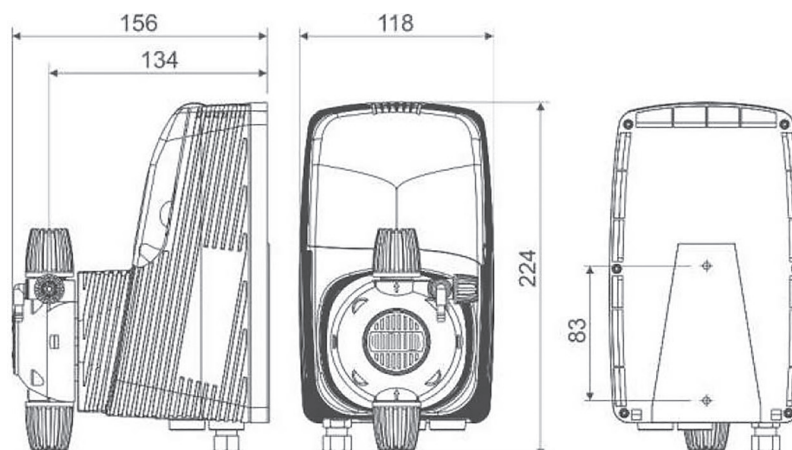
Solenoid	Size	Type
70	L	1,5 lph / 20 bar
		4 lph / 1 bar
	M	4 lph / 12 bar
		7 lph / 1 bar
	H	6lph / 8 bar
		14 lph / 1 bar



Solenoid	Size	Type
80	L	4 lph / 20 bar
		10 lph / 1 bar
	M	6 lph / 12 bar
		13 lph / 1 bar
	H	13 lph / 5 bar
		20 lph / 1 bar



3 SDFGS - Built in performance selector



Parts	Standard	Upon Request
Pump head	PVDF	pp
Pump housing -	PP - IP65	
Diaphragm	PTFE	
Check Valves	CERAMIC Sphere	Pyrex Sphere
Valve Seat	PVDF	pp
O-rings	FPM	EPDM
Injection fitting	PVDF 4 * 6	pp 4 * 6
Power supply	120-230V/ 50-60Hz	12-24Vdc

* More configuration avai/ab/e upon request

4 SDFGS - Dosing kit configuration

Parts	Material
Injection valve	PVDF - Spring Loaded
Foot Filter-	PVDF - Spring Loaded
Valve Spring Material	CERAMIC / Hastelloy
Discharge Hose	2mt PE
Suction Hose	2mt PVC
Mounting Support	pp

5 SDFGS - Models



5.1 SDFGS - K Series - Constant on off dosing pump

- Constant ON/OFF
- Analogic solenoid driven dosing pump
- Stroke frequency adjustment 0-100%
- Frequency button 20%
- Dosing KIT included

5.2 SDFGS - P Series - Proportional Dosing Pump

- Proportional to external digital signal
- Proportional to external 4-20 mA signal
- Constant ON/OFF mode
- Level probe connector
- Dosing KIT included



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