

Solenoid diaphragm dosing pumps play an important role in the reliable and accurate dosing of liquids.

The MAGDOS LB solenoid diaphragm metering pump is a good-value alternative for simple and continuous dosing tasks, particularly suitable for the process industry.

### Wide range of applications

The MAGDOS LB is available in seven sizes for metering applications ranging to 3.96 gph with back pressures up to 232 psig. Double-ball valves ensure accurate, consistent dosing. The dosing rate can be adjusted continuously from 0 to 100% by manually changing the stroke frequency.

The pump is externally controlled by switching the supply voltage of the pump ON and OFF.

Several different materials and connections are available for wetted-end components. By using appropriate and recommended materials, the MAG-DOS LB can be used in a wide variety of process applications.

Matching accessory sets with tubing, injection nozzles and suction lines allow quick installation and reliable operation.

### Simple to use and space-saving

Thanks to the sturdy, low-maintenance solenoid drive, the media being supplied (for example acids, alkalis, coagulants and flocculants) is reliably and accurately dosed.

The combination of the MAGDOS LB's solid design and the easy-to-use control allow for short set up times and efficient operation.

The compact design and the small footprint allow for easy integration into dosing systems even for installations with limited space available.

Wall mounting is possible provided the check valves remain in a vertical orientation by rotating the head.

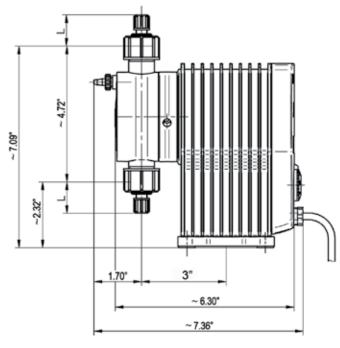


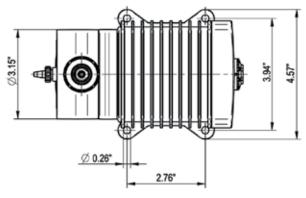
- Capacity range to 3.96 gph, up to 232 psig
- Wide range power supply unit 110-240 VAC, 50/60 Hz
- Integrated vented head (standard on plastic version)
- Wall and floor mounting possible without a bracket
- Double-ball valves ensure accurate dosing
- Materials available: PVC (standard), PP, and PVDF
- Material consistency for pumps and accessories
- Dosing heads and valves for high-viscosity media are available
- CSA and UL certified



MAGDOS LB	05	1	2	4	6	10	15
Max. back pressure (psig)	232	232	232	232	116	87	43
Flow rate at max. pressure (gph)	0.09	0.20	0.50	0.89	1.6	2.40	3.43
Average back pressure (psig)	116	116	116	116	58	43	14
Flow rate at medium pressure (gph)	0.14	0.29	0.61	1.00	1.80	2.64	3.96
Max. stroke frequency (SPM)	120	250	160	180	180	180	250
Suction lift for non-effervescent media (ft $H_2$ 0)	16	16	9	9	6	6	6
Max. inlet pressure (psig)	11 PSI						
Power supply	110240 V, 50/60 Hz						
Power supply cable	6 feet with mains plug						
Power consumption	18 W						
Max. power consumption during dosing stroke	approximately 4 A						
Protection class	IP 65						
Weight	approximately 6.6 pounds						
Max. ambient temperature	41°F-113°F (with PVC parts 41°F-104°F)						
Max. temperature of the medium		PVDF 17	6°F (with PV0	C parts 95°F,	with PP part	s 140°F)	

#### MAGDOS LB Dimensions



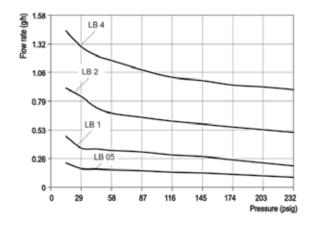


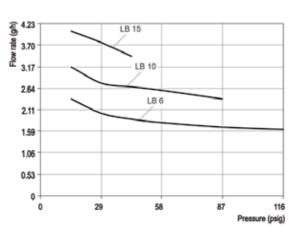
Material	Size	L
	1/4" x 3/8"	1.34"
PVC, PP, PVDF	1/4" x 7/16"	1.34"
	1/4" FNPT	1.34"
PVDF	1/4" FNPT	1.96"
	1/4" FNPT	2.12"



#### **Flow Curves**

The flow curves are valid for ambient temperatures of 68°F (20°C) and dosing water at 100% stroke frequency. The delivery capacities depend on the medium (density and viscosity) and temperature.





#### Installation positions

MAGDOS LB can be mounted in three different positions without further auxiliary equipment:



Floor mounting



Wall mounting with dosing head on the right-hand side

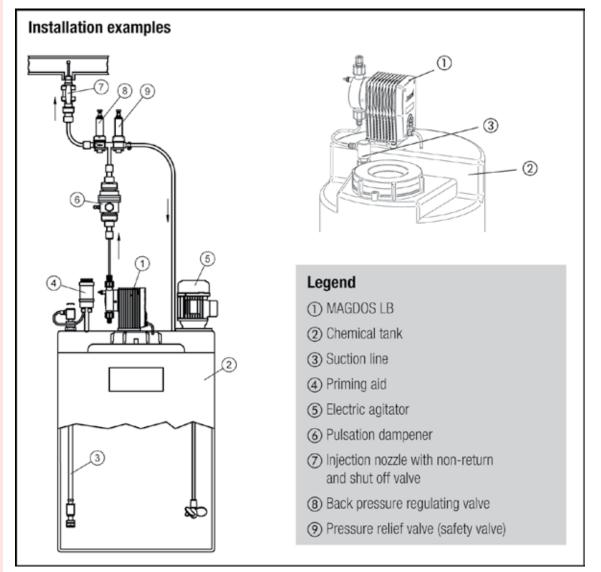


Wall mounting with dosing head on the left-hand side

Total Metering Fluid Transfer Management Chem Feed



Solenoid Diaphragm Dosing Pump - MAGDOS LB



### Accessories

Even the best pump can be improved – simply by the addition of appropriate accessories.

Suitable sets of accessories, consisting of suction/ discharge tubing, foot valve and injection nozzle, are available for the dosing pumps.

To turn your dosing pump into an efficient dosing system, we recommend using the following accessories:

- Injection nozzles to dose the medium into the main line and to prevent it from flowing back into the pressure line.
- Back pressure and pressure relief valves to increase dosing accuracy or to protect the system against excessive pressure.

- Pulsation dampener to dampen supply flow as well as to reduce discharge flow pulsations.
- Priming aids to significantly ease priming of dosing pumps with low supply volumes per stroke, for large suction heights, highly viscous dosing media, for initial priming or when priming after the system has been idle.
- Suction pressure regulator to prevent medium flow when the dosing pump is not running or to prevent a vacuum being formed in the event of a pipe failure.

Please contact us for more information on accessories and metering pump systems.



Solenoid diaphragm dosing pumps play an important role in the reliable and accurate dosing of liquids.

Lutz-Jesco metering pumps are specifically designed for water treatment and the process industry.

# Wide range of applications

The MAGDOS LD is available in seven sizes for metering applications ranging to 3.96 gph with back pressures up to 232 psig. Double-ball valves ensure accurate, consistent dosing. To adapt the dosing performance, the stroke frequency can be adjusted manually or via an external control contact. You can thus dose with a flick of the wrist.

Several different materials and connections are available for suction and discharge side, depending on the specific applications. By using appropriate and recommended materials, the MAGDOS can be used in a wide variety of process applications.

Matching accessory sets with hoses, injection nozzles and suction lines allow quick installation and reliable operation.

### Simple to use and space-saving

Thanks to the sturdy, low-maintenance solenoid drive, the media being supplied (for example acids, alkalis, coagulants and flocculants) is reliably and accurately dosed.

The combination of the MAGDOS LD's solid design and the easy-to-use digital controls allow for short set up times and efficient operation.

The compact design and the small footprint allow for easy integration into dosing systems even for installations with limited space available.

Wall mounting is possible provided the check valves remain in a vertical orientation by rotating the head.



- Capacity range to 3.96 gph, up to 232 psig
- Power supply 230 VAC +/- 10%, 50/60 Hz, IP 65, max. 25 W or 115 VAC +/-10%, 50/60 Hz, IP 65, max. 25 W
- Graphical display
- Materials available: PVC, PP and PVDF
- Material consistency for the pumps and accessories
- Dosing head manual venting
- Wall and floor mounting
- Double-ball valves ensure accurate dosing
- Precise pump settings using the keyboard
- External control via floating contacts with impulse increase and reduction
- Level input with early warning and main alarm
- Release input

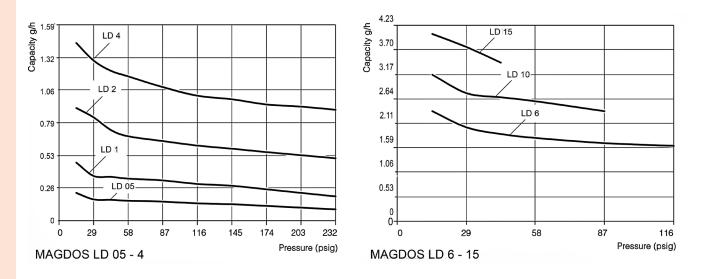


### **Technical Data**

MAGDOS LD			05	1	2	4	6	10	15	
Delivery capacity at max. pressure		gph	0.09	0.20	0.50	0.89	1.64	2.40	3.43	
		ml/stroke	0.05	0.05	0.2	0.31	0.57	0.83	0.86	
Max. supply pressure	e	psig		23	32		116	87	43	
Delivery capacity at	medium pres-	gph	0.14	0.29	0.61	1.00	1.80	2.64	3.96	
sure		ml/stroke	0.08	0.07	0.24	0.35	0.63	0.92	1.0	
Average back pressu	re	psig		1:	16		58	43	14	
Max. stroke frequen	су	SPM	120 250 160				180 2		250	
Suction head for non-gassing media ft H <sub>2</sub> 0		16 9			Э	6				
Max. supply pressure	e	psig				11 PSI				
Nominal valve width			DI	N3			DN4	DN4		
Voltage supply						+/- 10%, 50 C +/- 10%, 5				
Power consumption		W	8	13	19		25		22	
Protection class				IP 6	5 (with cover	ring caps on	the connecti	ons)		
Insulation class			F							
PVC, PP, PVDF			~ 7.0							
Weight Ib Stainless Steel		U	~ 9.5							
Max. ambient tempe	erature	°F	PVDF 113° (104° with PVC parts)							
Max. temperature of the	medium	°F	PVDF 176° (with PVC parts 95°; with PP parts 140°)							

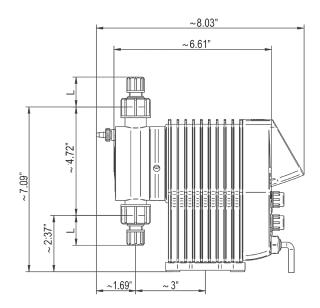
### **Flow Curves**

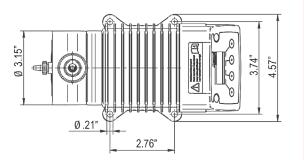
The flow curves are valid for ambient temperatures of 68°F (20°C) and dosing water at 100% stroke frequency. The delivery capacities depend on the medium (density and viscosity) and temperature.





# **Dimensions**





Material	Size	L
	1/4" x 3/8"	1.34"
PVC, PP, PVDF	1/4" x 7/16"	1.34"
	1/4" FNPT	1.34"

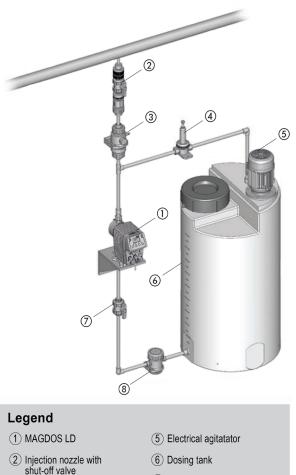


#### **Accessories**

Even the best pump can be improved - simply by the addition of appropriate accessories.

Suitable sets of accessories, consisting of suction/ discharge tubing, foot valve and injection nozzle, are available for the dosing pumps.

To turn your dosing pump into an efficient dosing system, we recommend using the following accessories:



- Injection nozzles to dose the medium into the main line and to prevent it from flowing back into the pressure line
- Back pressure and pressure relief valves to increase dosing accuracy or to protect the system against excessive pressure
- Pulsation dampener to dampen supply flow as well as to reduce discharge flow pulsations
- Priming aids to significantly ease priming of dos-ing pumps with low supply volumes per stroke, for large suction heights, highly viscous dosing media, for initial priming or when priming after the system has been idle
- Suction pressure regulator to prevent medium flow when the dosing pump is not running or to prevent a vacuum being formed in the event of a pipe failure

Please contact us for more information on accessories and metering pump systems.

- (3) Pulsation dampener
- (4) Pressure relief valve
- (7) Shut-off valve
- (8) Suction pressure regulator



Solenoid diaphragm dosing pumps play an important role in the reliable and accurate dosing of liquids.

Lutz-Jesco metering pumps are specifically designed for water treatment and the process industry.

# Wide range of applications

The MAGDOS LK is available in seven sizes for metering applications ranging to 3.96 gph with back pressures up to 232 psig. Double-ball valves ensure accurate, consistent dosing. The dosing rate can be adjusted by changing the stroke frequency manually or via external control contact.

Several different materials and connections are available for wetted-end components. By using appropriate and recommended materials, the MAGDOS LK can be used in a wide variety of process applications.

Matching accessory sets with tubing, injection nozzles and suction lines allow quick installation and reliable operation.

### Simple to use and space-saving

Thanks to the sturdy, low-maintenance solenoid drive, the media being supplied (for example acids, alkalis, coagulants and flocculants) is reliably and accurately dosed.

The combination of the MAGDOS LK's solid design and the easy-to-use digital controls allow for short set up times and efficient operation.

The compact design and the small footprint allow for easy integration into dosing systems even for installations with limited space available.

Wall mounting is possible provided the check valves remain in a vertical orientation by rotating the head.



- Capacity range to 3.96 gph, up to 232 psig
- Power supply 110 VAC or 230 VAC, 50/60 Hz
- Multi-language menu support
- Easy-logic menu controls with graphical display guidance
- Calibration functionality
- Multi-unit capacity indication
- Eco-operation settings
- Integrated vented head (standard on plastic version)
- Wall and floor mounting possible without a bracket
- Double-ball valves ensure accurate dosing
- Materials available: PVC (standard), PP, PVDF and Stainless Steel
- Material consistency for pumps and accessories
- Dosing heads and valves for high-viscosity media are available

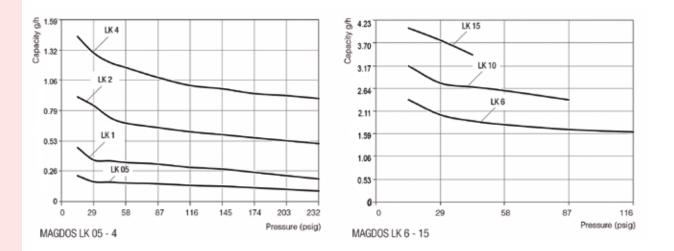


### **Technical Data**

MAGDOS LK			05	1	2	4	6	10	15	
Delivery capacity at max. pressure		gph	0.09	0.20	0.50	0.89	1.64	2.40	3.43	
		ml/stroke	0.05	0.05	0.2	0.31	0.57	0.83	0.86	
Max. supply pressur	e	psig		23	32		116	87	43	
Delivery capacity at	medium pres-	gph	0.14	0.29	0.61	1.00	1.80	2.64	3.96	
sure		ml/stroke	0.08	0.07	0.24	0.35	0.63	0.92	1.0	
Average back pressu	re	psig		1:	16		58	43	14	
Max. stroke frequen	су	SPM	120	250	160		180		250	
Suction head for non-gassing media ft H <sub>2</sub> O		ft H <sub>2</sub> 0	16 9		Э	6				
Max. supply pressur	Max. supply pressure psig		11 PSI							
Nominal valve width			DN3 DN4							
Voltage supply						+/- 10%, 50 C +/- 10%, 5				
Power consumption		W	8	13	19		25		22	
Protection class				IP 65 (with covering caps on the connections)						
Insulation class			F							
PVC, PP, PVDF		lb	~ 7.0							
Weight	Stainless Steel		~ 9.5							
Max. ambient tempe	erature	°F	Stainless Steel/PVDF 113° (104° with PVC parts)							
Max. temperature of the medium °F			Stainless Steel/PVDF 176° (with PVC parts 95°; with PP parts 140°)							

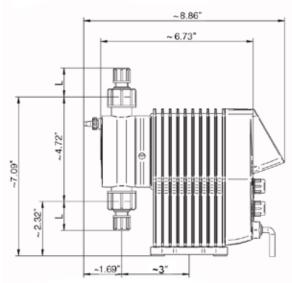
### **Flow Curves**

The flow curves are valid for ambient temperatures of 68°F (20°C) and dosing water at 100% stroke frequency. The delivery capacities depend on the medium (density and viscosity) and temperature.

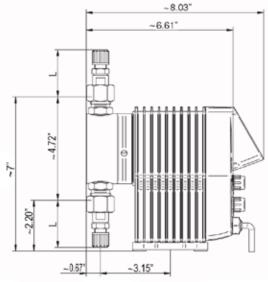




# Dimensions

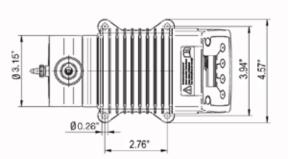


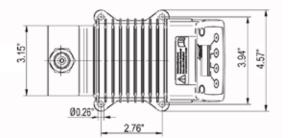
MAGDOS LK with dosing head made of PVC, PP or PVDF



MAGDOS LK with dosing head made of stainless steel

Material	Size	L
	1/4" x 3/8"	1.34"
PVC, PP, PVDF	1/4" x 7/16"	1.34"
	1/4" FNPT	1.34"
1 4571 / DVDE	1/4" FNPT	1.96"
1.4571 / PVDF	1/4" FNPT	2.12"





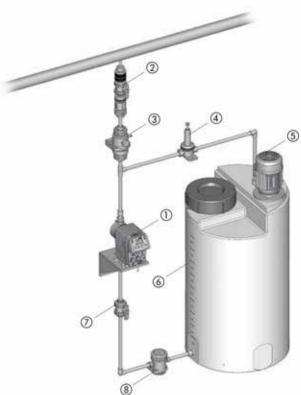


#### Accessories

Even the best pump can be improved – simply by the addition of appropriate accessories.

Suitable sets of accessories, consisting of suction/ discharge tubing, foot valve and injection nozzle, are available for the dosing pumps.

To turn your dosing pump into an efficient dosing system, we recommend using the following accessories:



#### Legend

- ① MAGDOS LK
- ② Injection nozzle with shut-off valve
- ③ Pulsation dampener
  - er ⑧ Suction pressure regulator

④ Pressure relief valve⑤ Electrical agitator

6 Dosing tank

⑦ Shut-off valve

- Injection nozzles to dose the medium into the main line and to prevent it from flowing back into the pressure line
- Back pressure and pressure relief valves to increase dosing accuracy or to protect the system against excessive pressure
- Pulsation dampener to dampen supply flow as well as to reduce discharge flow pulsations
- Priming aids to significantly ease priming of dosing pumps with low supply volumes per stroke, for large suction heights, highly viscous dosing media, for initial priming or when priming after the system has been idle
- Suction pressure regulator to prevent medium flow when the dosing pump is not running or to prevent a vacuum being formed in the event of a pipe failure

Please contact us for more information on accessories and metering pump systems.



Solenoid diaphragm dosing pumps play an important role in the reliable and accurate dosing of liquids.

Lutz-Jesco metering pumps are specifically designed for water treatment and the process industry.

# Wide range of applications

The MAGDOS LP is available in seven sizes for metering applications up to 3.96 gph with back pressures up to 232 psig. Double-ball valves ensure accurate, consistent dosing. The dosing rate can be adjusted by changing the stroke frequency manually, via external control contact or by using a 0/4 - 20 mA signal.

Several different materials and connections are available for wetted-end components. By using appropriate and recommended materials, the MAGDOS LP can be used in a wide variety of process applications.

Matching accessory sets with tubing, injection nozzles and suction lines allow quick installation and reliable operation.

### Simple to use and space-saving

Thanks to the sturdy, low-maintenance solenoid drive, the media being supplied (for example acids, alkalis, coagulants and flocculants) are reliably and accurately dosed.

The combination of the MAGDOS LP's solid design and the easy-to-use digital controls allow for short set up times and efficient operation.

The compact design and the small footprint allow for easy integration into dosing systems even for installations with limited space available.

Wall mounting is possible provided the check valves remain in a vertical orientation by rotating the head.

The MAGDOS LP is also available with an optional Ethernet interface. This network connection enables you to control stroke frequency. In addition, all error messages can be transmitted back to the external controller.



- Capacity range to 3.96 gph, up to 232 psig
- Wide range power supply unit 110-240 VAC, 50/60 Hz
- Multi-language menu support
- Easy-logic menu controls with graphical display guidance
- Calibration functionality
- Multi-unit capacity indication
- Two Eco-operation settings
- External control via standard signal 0/4 20 mA
- External control via floating contacts with impulse increase and reduction
- Batch dosing with both interval and timer functions
- Integrated vented head (standard on plastic version)
- Wall and floor mounting possible without a bracket
- Double-ball valves ensure accurate dosing
- Materials available: PVC (standard), PP, PVDF and Stainless Steel
- Material consistency for pumps and accessories
- Dosing heads and valves for high-viscosity media are available

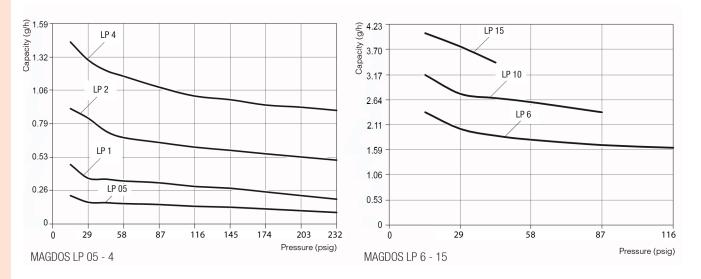


# **Technical Data**

gph         0.09         0.20         0.50         0.89         1.60         2.40         3.43           Delivery capacity at max. pressure         psig         0.05         0.2         0.31         0.57         0.83         0.86           Max. supply pressure         psig $232$ 116         87         43           Delivery capacity at average pressure         gph         0.14         0.29         0.61         1.00         1.80         2.64         3.96           Delivery capacity at average pressure         gph         0.14         0.29         0.61         1.00         1.80         2.64         3.96           Max. stroke frequency         psig         120         250         160         180         2.64         3.96           Suction head for non-gassing media         ft H_20         250         160         180         250         1.0           Max. inlet pressure         psig         120         250         160         180         250         250           Nominal valve width         DN3         DN3         50/60 Hz         50/60 Hz         250           Voltage supply         V         10         15         21         27         28         29											
Delivery capacity at max. pressure         mi/stroke         0.05         0.02         0.31         0.57         0.83         0.86           Max. supply pressere         psig $$ $$ 116         87         43           Delivery capacity at warage pressere         gph         0.14         0.29         0.61         1.00         1.80         2.64         3.96           Delivery capacity at warage pressere         gph         0.14         0.29         0.61         1.00         1.80         2.64         3.96           Average back pressere         psig $$ 0.24         0.35         0.63         0.92         1.00           Average back pressere         psig $$	MAGDOS LP		05	1	2	4	6	10	15		
ml/stroke0.050.050.20.310.570.830.86Max. supply pressurepsig $-23$ 168743Delivery capacity $\pm$ werage pressuregph0.140.290.611.001.802.643.96Sureml/stroke0.080.070.240.350.630.921.0Average back presspsig $-150$ 584314Max. stroke frequersSPM120250160 $-180$ 250Suction head for $-rassing mediaft H_2O120250160-180-6Max. inlet pressft H_2O-150-50-6-50-50Nominal valve widtft H_2O0.15160-180-50-50Nominal valve widtvidtage supplyft H_2O152127282926Power consumptioW10152127282926Insulation classVidtage SteelIb-55-55-55-55Weightlices SteinIb-55-55-55-55Motient temperature range°FStainless Stein/PS Stainless Stei/PVDF 41°F - 104°F with PVC parts)-55$	Delivery capacity at max. pressure		gph	0.09	0.20	0.50	0.89	1.60	2.40	3.43	
$ \begin{array}{c c c c c c } \begin{tabular}{c c c c c } \begin{tabular}{c c c c c c c } \begin{tabular}{c c c c c c c c c c c c c c c c c c c $			ml/stroke	0.05	0.05	0.2	0.31	0.57	0.83	0.86	
Derive variable is very departing to the large prices of the large prices	Max. supply press	ure	psig		23	32		116	87	43	
Average back pressure       psig       0.003       0.003       0.003       0.003       0.003       1.0         Average back pressure       psig       120       250       160       180       250       250         Max. stroke frequers       SPM       120       250       160       180       250       250         Suction head for reassing media       ft H <sub>2</sub> O       16       9       6       250       250         Max. inlet pressure       psig $110$ $10$ 15 $9$ 6       5         Nominal valve width       value       Value       10       15       21       27       28       29       26         Protection class       Value       10       15       21       27       28       29       26         Insulation class       Value       10       15       21       27       28       29       26         Weight       PVC, PP, PVDF       Ib       Image: Stainless Steil       F       7       28       29       26         Weight       PVC, PP, PVDF       Ib       Image: Stainless Steil       9.5       5       5       5         Mabient temperature       renge:	Delivery capacity a	at average pres-	gph	0.14	0.29	0.61	1.00	1.80	2.64	3.96	
Max. stroke frequerSPM120250160180250Max. stroke frequerft H20160966Suction head for $\neg$ gassing mediaft H201696Max. inlet pressurepsig $\Box$ $\Box$ 11 PSI5Nominal valve wider6 $\Box$ $DN3$ $DN3$ $DN4$ $DN4$ Voltage supplyrr $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ Power consumptiveW10152127282926Protection classV $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ Notige supplyV $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ Protection classV $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ Notige supplyV $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ $DN4$ Protection classV $DN4$ </td <td>sure</td> <td></td> <td>ml/stroke</td> <td>0.08</td> <td>0.07</td> <td>0.24</td> <td>0.35</td> <td>0.63</td> <td>0.92</td> <td>1.0</td>	sure		ml/stroke	0.08	0.07	0.24	0.35	0.63	0.92	1.0	
Suction head for $$ gassing mediaft H201696Max. inlet pressurepsig $$ 11 PSI $$ Nominal valve width $$ $$ $$ $$ Voltage supply $$ $$ $$ $$ Power consumptionW10152127282926Protection class $$ $$ $$	Average back pres	sure	psig		1:	16		58	43	14	
Max. inlet pressurepsig11 PSINominal valve widt $DN3$ $DN3$ $DN4$ $DN4$ Voltage supply $I10$ $I21$ $27$ $28$ $29$ $26$ Power consumption class $I5$ $21$ $27$ $28$ $29$ $26$ Insulation class $I5$ $21$ $27$ $28$ $29$ $26$ Protection class $I5$ $I7$ $I6$ $I7$ $I6$ $I7$ $I7$ $I8$ $I9$ $I6$ Nominal value $I5$ $I10$ $I5$ $I7$ $I8$ $I9$ $I6$ $I9$ </td <td>Max. stroke freque</td> <td colspan="2">Max. stroke frequency SPM</td> <td>120</td> <td>250</td> <td>160</td> <td></td> <td>180</td> <td></td> <td>250</td>	Max. stroke freque	Max. stroke frequency SPM		120	250	160		180		250	
Nominal value widthImage:	Suction head for n	Suction head for non-gassing media ft H <sub>2</sub> O			16 9				6		
Voltage supply     Voltage suply     Voltage suply<	Max. inlet pressure	e	psig	11 PSI							
Power consumption         W         10         15         21         27         28         29         26           Protection class         IP 65 (with covering caps on the connections)         IP 65 (with covering caps on the connections)         Insulation class         F         Image: Statistic connection caps         Image: Statistic connection caps         F         Image: Statistic connection caps         Image: Statistic connection caps <t< td=""><td>Nominal valve wid</td><td>th</td><td></td><td>DI</td><td>N3</td><td></td><td></td><td>DN4</td><td></td><td></td></t<>	Nominal valve wid	th		DI	N3			DN4			
Protection class     IN     IP 65 (with covering caps on the connections)       Insulation class     F       Weight     PVC, PP, PVDF     Ib       Stainless Steel     Ib     9.5       Ambient temperature     °F     Stainless Steel/PVDF 41°F - 113°F (41°F - 104°F with PVC parts)	Voltage supply					110 to 240 V	AC, -10% / +5	5%, 50/60 Hz			
Insulation class     F       Weight     PVC, PP, PVDF     Ib       Stainless Steel     Ib     7       Ambient temperature range     Ib     9.5	Power consumptio	n	W	10	15	21	27	28	29	26	
PVC, PP, PVDF     Ib     7       Stainless Steel     Ib     9.5       Ambient temperature range     °F     Stainless Steel/PVDF 41°F - 113°F (41°F - 104°F with PVC parts)	Protection class				IP	65 (with cove	ring caps on t	he connection	ns)		
Weight     Stainless Steel     Ib     9.5       Ambient temperature range     °F     Stainless Steel/PVDF 41°F - 113°F (41°F - 104°F with PVC parts)	Insulation class			F							
Stainless Steel     Ib     9.5       Ambient temperature range     °F     Stainless Steel/PVDF 41°F - 113°F (41°F - 104°F with PVC parts)				7							
	Stainless Steel Ib		lb	9.5							
Max. temperature of the medium PF Stainless Steel/PVDF 176°F (with PVC parts 95°F; with PP parts 140°F)	Ambient temperat	ure range	°F	Stainless Steel/PVDF 41°F - 113°F (41°F - 104°F with PVC parts)							
	Max. temperature	of the medium	°F	Stainless Steel/PVDF 176°F (with PVC parts 95°F; with PP parts 140°F)					F)		

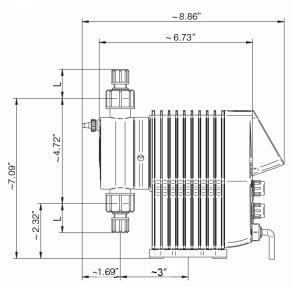
### **Flow Curves**

The flow curves are valid for ambient temperatures of 68°F (20°C) and dosing water at 100% stroke frequency. The delivery capacities depend on the medium (density and viscosity) and temperature.

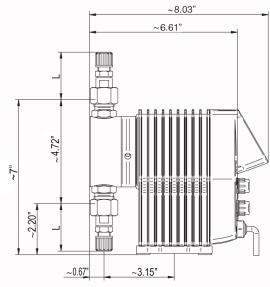




#### MAGDOS LP Dimensions

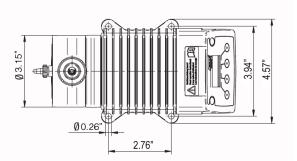


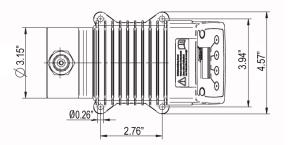
MAGDOS LP with dosing head made of PVC, PP or PVDF



MAGDOS LP with dosing head made of stainless steel

Material	Size	L
	1/4" x 3/8"	1.34"
PVC, PP, PVDF	1/4" x 7/16"	1.34"
	1/4" FNPT	1.34"
Stainless Steel/ PVDF	1/4" FNPT	1.96"
	1/4" FNPT	2.12"





 Total
 Metering

 Fluid
 Transfer

 Management
 Chem Feed



#### **Accessories**

Even the best pump can be improved – simply by the addition of appropriate accessories.

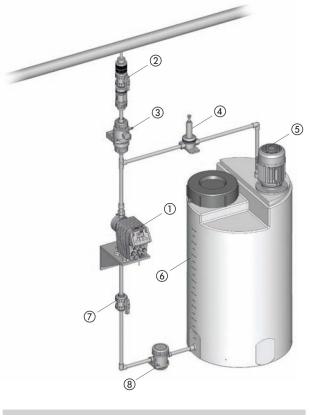
Suitable sets of accessories, consisting of suction/discharge tubing, foot valve and injection nozzle, are available for the dosing pumps.

To turn your dosing pump into an efficient dosing system, we recommend using the following accessories:

- Injection nozzles to dose the medium into the main line and to prevent it from flowing back into the pressure line
- Back pressure and pressure relief valves to increase dosing accuracy or to protect the system against excessive pressure

- Pulsation dampener to dampen supply flow as well as to reduce discharge flow pulsations
- Priming aids to significantly ease priming of dosing pumps with low supply volumes per stroke, for large suction heights, highly viscous dosing media, for initial priming or when priming after the system has been idle
- Suction pressure regulator to prevent medium flow when the dosing pump is not running or to prevent a vacuum being formed in the event of a pipe failure

Please contact us for more information on accessories and metering pump systems.



#### Legend

- 1 MAGDOS LP
- Injection nozzle with shut-off valve
- ③ Pulsation dampener
- (4) Pressure relief valve
- (5) Electrical agitator
- Obsing tank
- Shut-off valve
- (8) Suction pressure regulator