



1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable



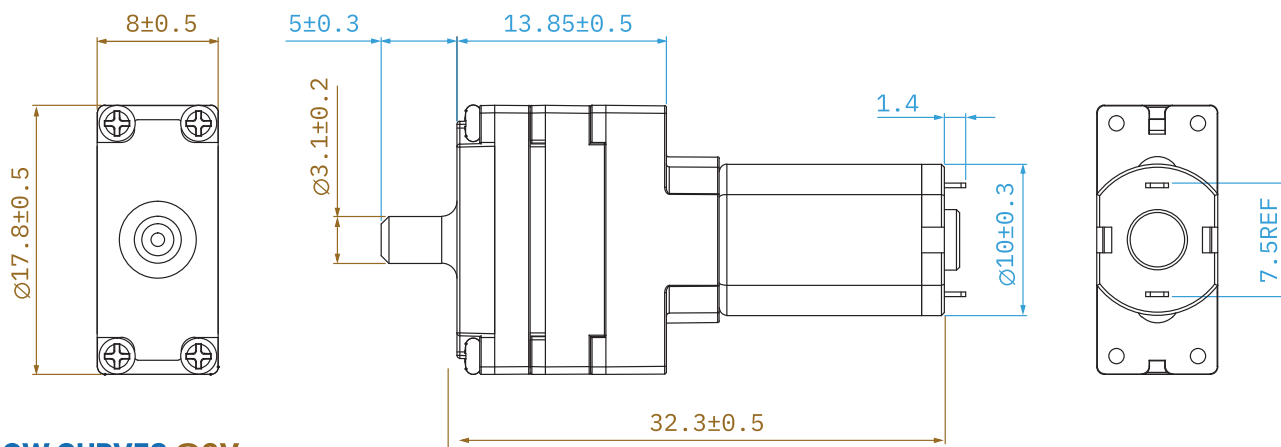
For accessories, visit
symtek.com.tw/pump-acc

Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers

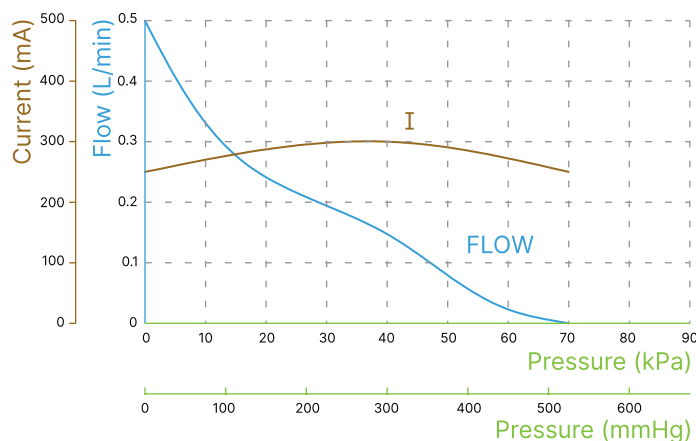
SPECIFICATIONS		Model 1
1 Rated Voltage	VDC	3
2 Rated Current	mA	< 500
3 Inflation Time*	sec	< 20
4 Max. Pressure	kPa	> 46.7
5 Leak Rate	mmHg/min	< 5
6 Noise Level	dB	< 65
7 Estimated Lifetime	cycles	30,000 cycles
8 Life Cycle Testing	On 20 sec, off 2 sec, and deflating in 6 sec in a 100 cc tank.	
MATERIALS		
1 Valve	EPDM	
2 Diaphragm	EPDM	
3 Motor	Brush DC	

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 100 cc tank.

DIMENSIONS (MM)



FLOW CURVES @3V



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-acc

1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable



Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers

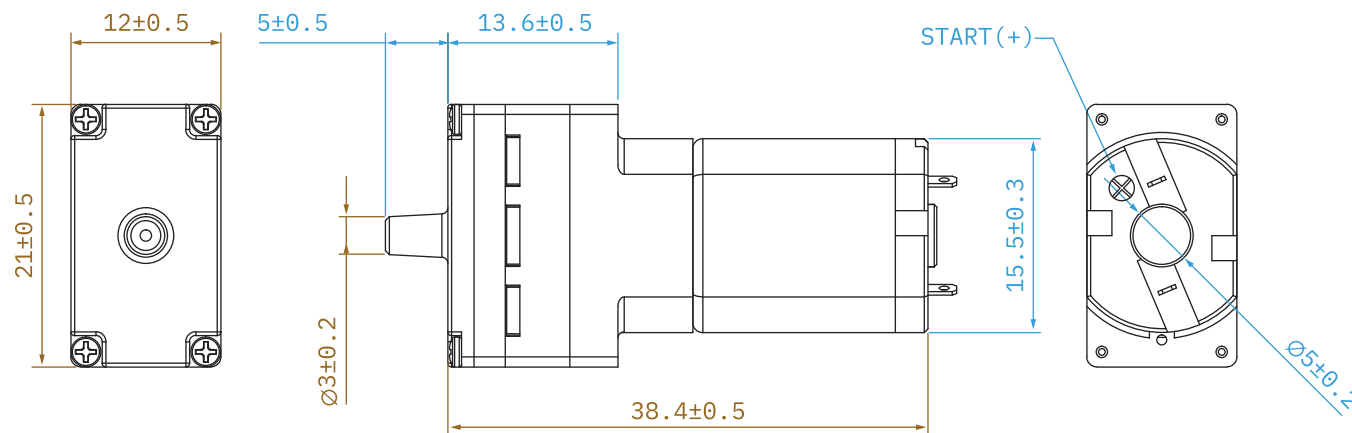
SPECIFICATIONS		Model 1	Model 2
1 Rated Voltage	VDC	3	6
2 Rated Current	mA	< 400	< 250
3 Inflation Time*	sec	< 10	< 15
4 Max. Pressure	kPa	> 46.7	> 46.7
5 Leak Rate	mmHg/min	< 3	< 3
6 Noise Level	dB	< 60	< 60
7 Estimated Lifetime	cycles	30,000 cycles	30,000 cycles
8 Life Cycle Testing	On 7 sec, off 2 sec, and deflating in 6 sec in a 100 cc tank.		

MATERIALS

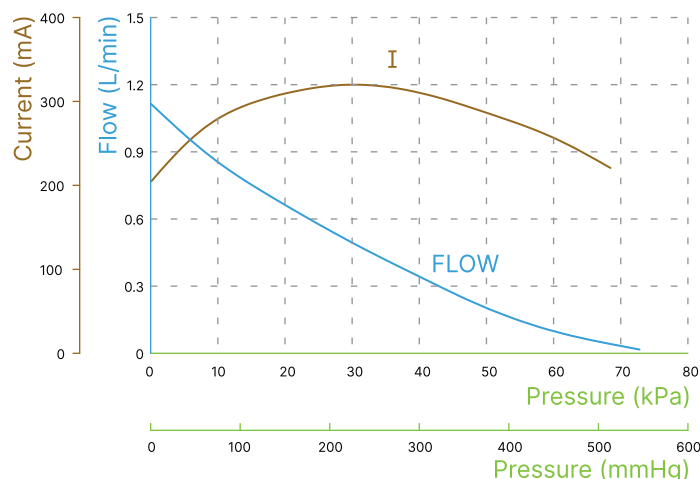
1 Valve	EPDM
2 Diaphragm	EPDM
3 Motor	Brush DC

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 100 cc tank.

DIMENSIONS (MM)



FLOW CURVES @6V



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable



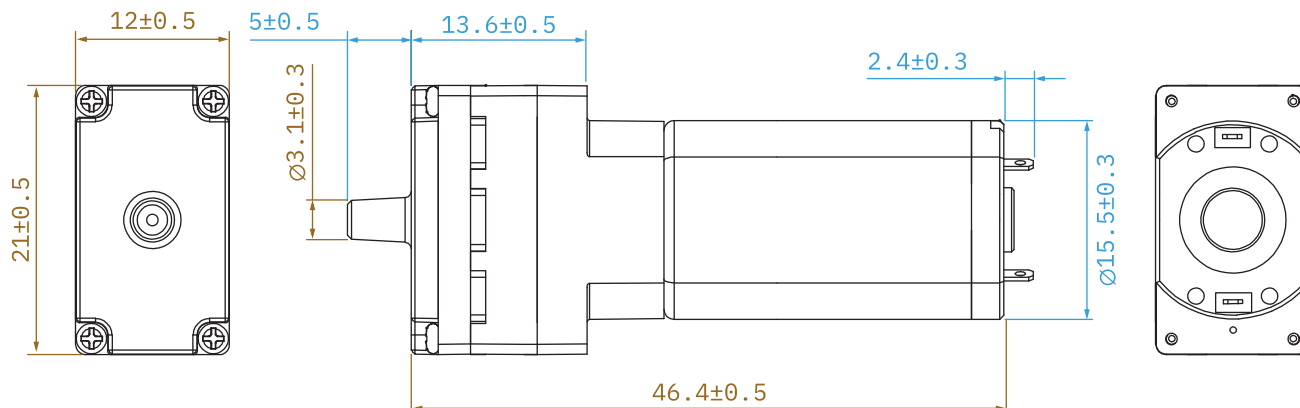
For accessories, visit
symtek.com.tw/pump-acc

Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers

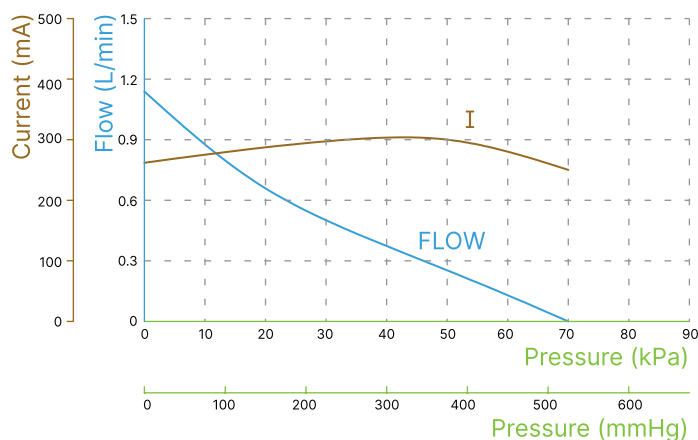
SPECIFICATIONS			Model 1	Model 2
1	Rated Voltage	VDC	3	3.7
2	Rated Current	mA	< 400	< 450
3	Inflation Time*	sec	< 10	< 10
4	Max. Pressure	kPa	> 46.7	> 46.7
5	Leak Rate	mmHg/min	< 3	< 3
6	Noise Level	dB	< 60	< 60
7	Estimated Lifetime	cycles	30,000 cycles	30,000 cycles
8	Life Cycle Testing	On 7 sec, off 2 sec, and deflating in 6 sec in a 100 cc tank.		
MATERIALS				
1	Valve	EPDM		
2	Diaphragm	EPDM		
3	Motor	Brush DC		

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 100 cc tank.

DIMENSIONS (MM)



FLOW CURVES @3V



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-
acc

1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable

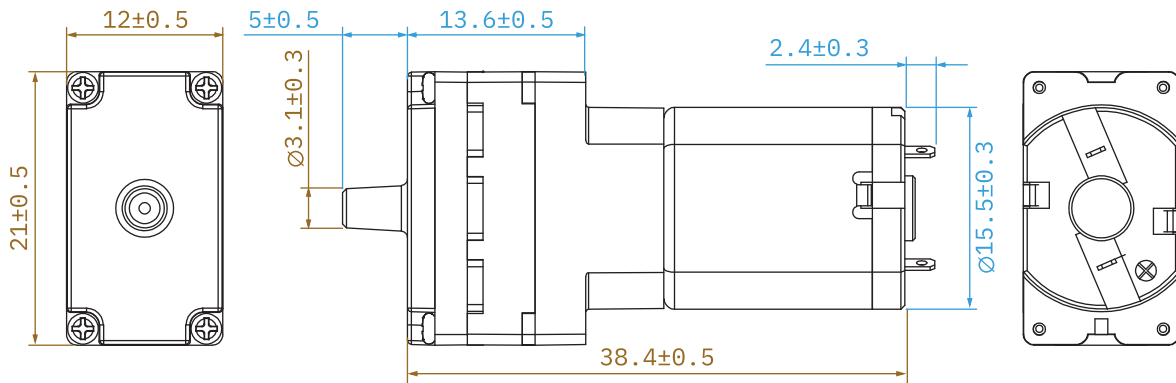
Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers



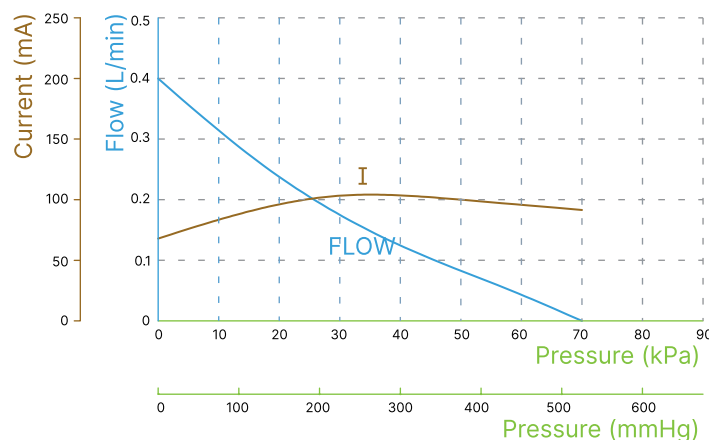
SPECIFICATIONS			Model 1	Model 2
1	Rated Voltage	VDC	3	3.7
2	Rated Current	mA	< 150	< 350
3	Inflation Time*	sec	< 30	< 30
4	Max. Pressure	kPa	> 46.7	> 46.7
5	Leak Rate	mmHg/min	< 3	< 3
6	Noise Level	dB	< 60	< 60
7	Estimated Lifetime	cycles	30,000 cycles	30,000 cycles
8	Life Cycle Testing	On 20 sec, off 2 sec, and deflating in 10 sec in a 100 cc tank.		
MATERIALS				
1	Valve	EPDM		
2	Diaphragm	EPDM		
3	Motor	Brush DC		

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 100 cc tank.

DIMENSIONS (MM)



FLOW CURVES @3V



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable



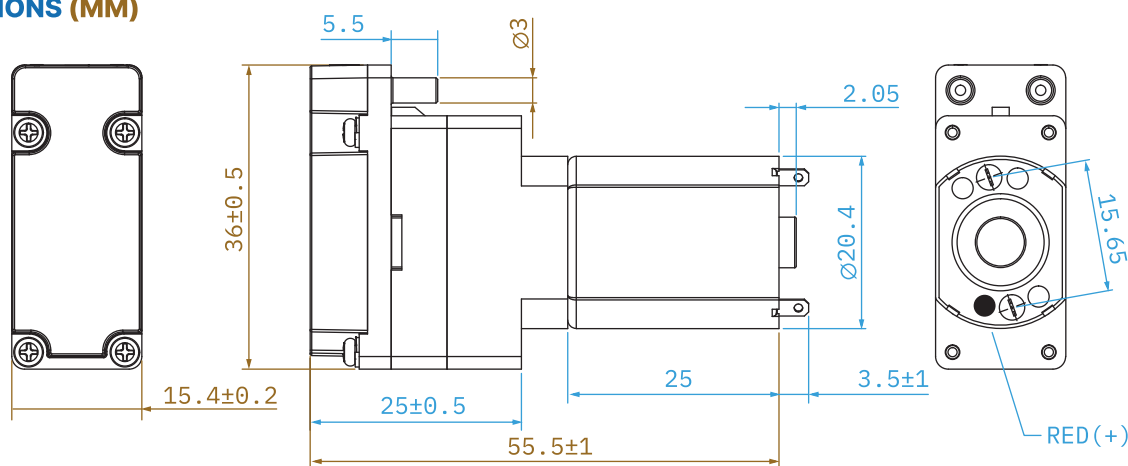
For accessories, visit
symtek.com.tw/pump-acc

Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers

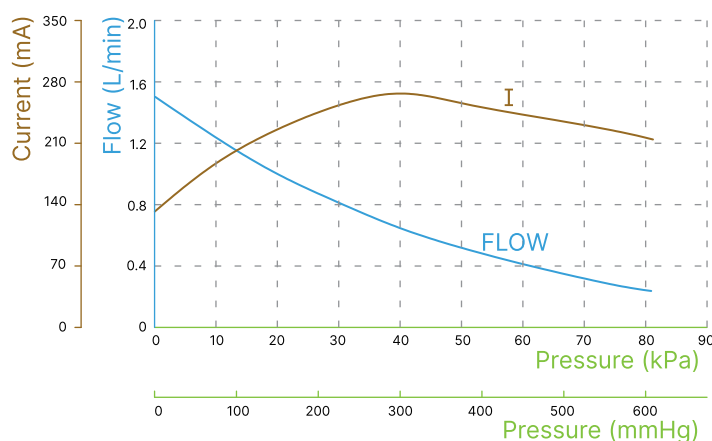
SPECIFICATIONS		Model 1	Model 2	Model 3	
1	Rated Voltage	VDC	3	6	12
2	Rated Current	mA	< 650	< 450	< 300
3	Inflation Time*	sec	< 17	< 15	< 14
4	Max. Pressure	kPa	≥ 53.3	≥ 53.3	≥ 53.3
5	Leak Rate	mmHg/min	< 3	< 3	< 3
6	Noise Level	dB	< 65	< 65	< 55
7	Estimated Lifetime	cycles	30,000 cycles	30,000 cycles	30,000 cycles
8	Life Cycle Testing	On 10 sec, off 2 sec, and deflating in 6 sec in a 500 cc tank.			
MATERIALS					
1	Valve	EPDM			
2	Diaphragm	EPDM			
3	Motor	Brush DC			

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 100 cc tank.

DIMENSIONS (MM)



FLOW CURVES @6V





For accessories, visit
symtek.com.tw/pump-acc

1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable

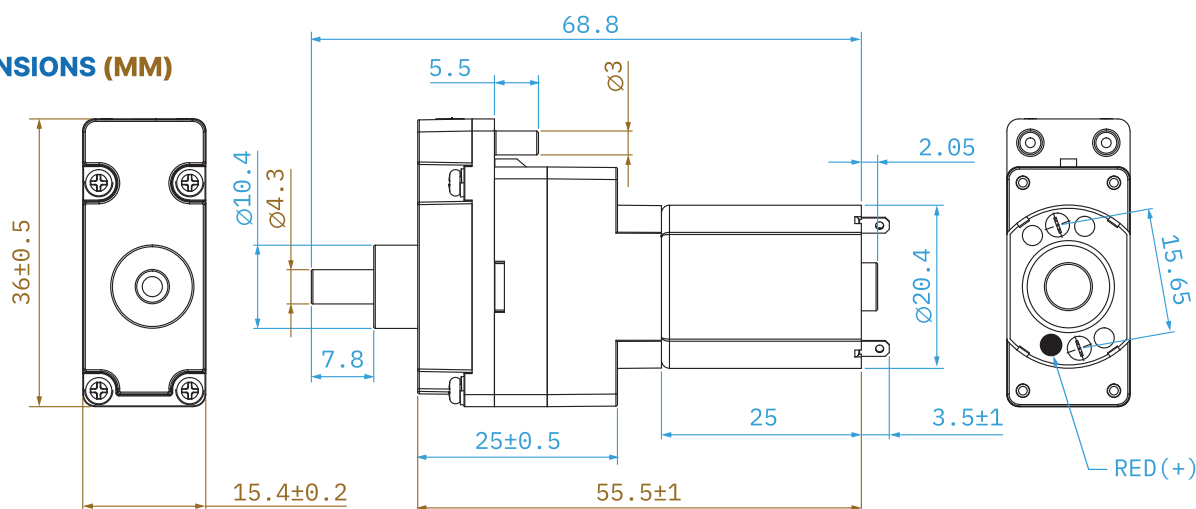
Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers



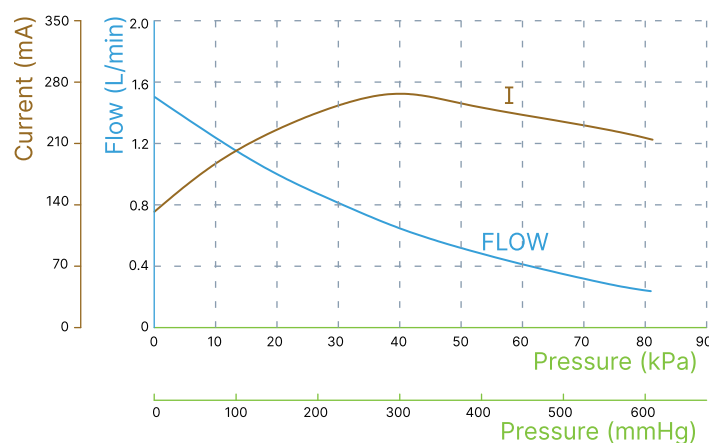
SPECIFICATIONS		Model 1
1	Rated Voltage	VDC 6
2	Rated Current	mA < 450
3	Inflation Time*	sec < 25
4	Max. Pressure	kPa > 53.3
5	Noise Level	dB < 60
6	Estimated Lifetime	cycles 30,000 cycles
7	Life Cycle Testing	On 10 sec, off 2 sec, and deflating in 6 sec in a 500 cc tank.
MATERIALS		
1	Valve	EPDM
2	Diaphragm	EPDM
3	Motor	Brush DC

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 500 cc tank.

DIMENSIONS (MM)



FLOW CURVES @6V



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable



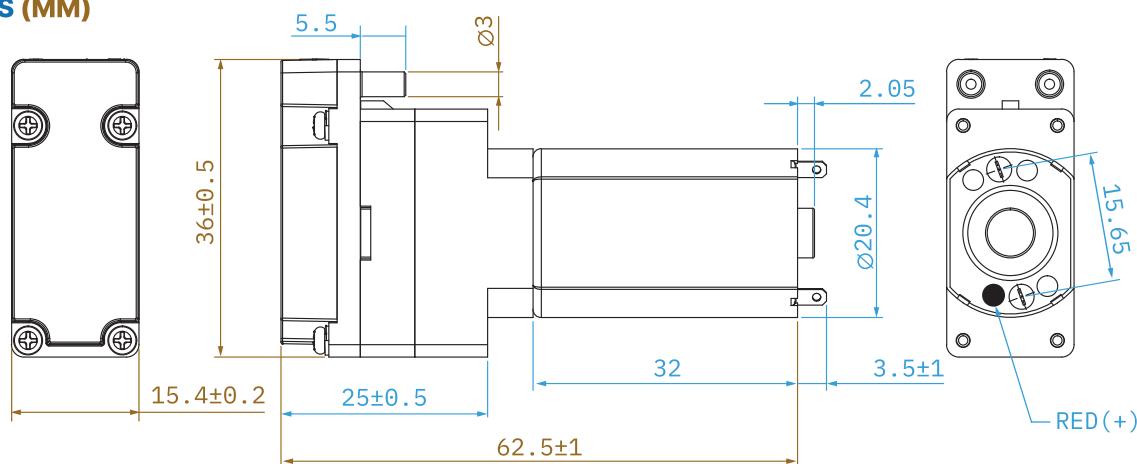
For accessories, visit
symtek.com.tw/pump-acc

Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers

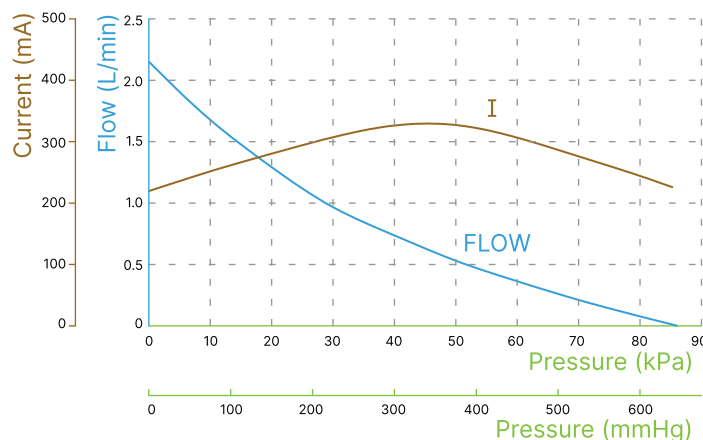
SPECIFICATIONS			Model 1	Model 2	Model 3
1	Rated Voltage	VDC	3	6	12
2	Rated Current	mA	< 650	< 450	< 300
3	Inflation Time*	sec	< 17	< 15	< 14
4	Max. Pressure	kPa	≥ 53.3	≥ 53.3	≥ 53.3
5	Leak Rate	mmHg/min	< 3	< 3	< 3
6	Noise Level	dB	< 65	< 65	< 55
7	Estimated Lifetime	cycles	30,000 cycles	30,000 cycles	30,000 cycles
8	Life Cycle Testing	On 10 sec, off 2 sec, and deflating in 6 sec in a 500 cc tank.			
MATERIALS					
1	Valve	EPDM			
2	Diaphragm	EPDM			
3	Motor	Brush DC			

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 500 cc tank.

DIMENSIONS (MM)



FLOW CURVES @6V





For accessories, visit
symtek.com.tw/pump-acc

1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable

Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers



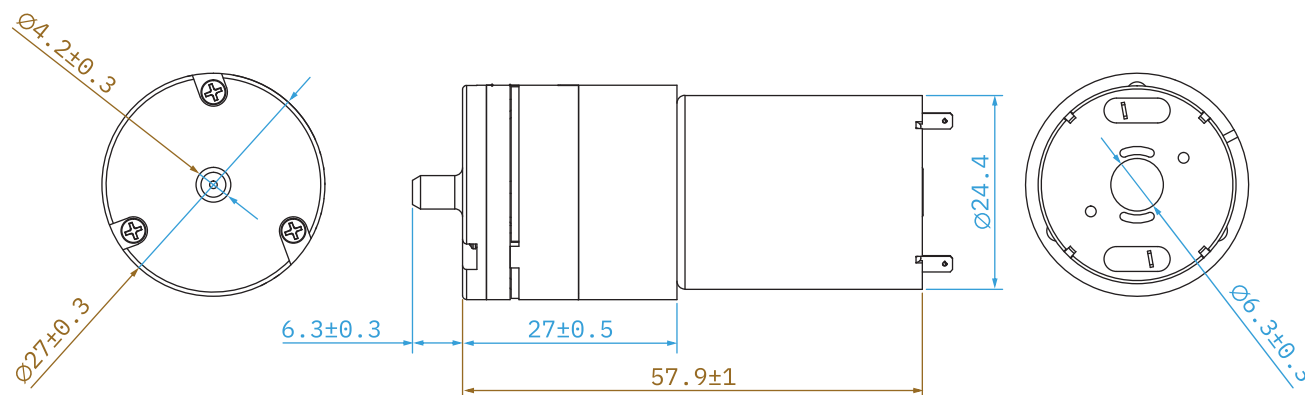
SPECIFICATIONS			Model 1	Model 2	Model 3	Model 4
1	Rated Voltage	VDC	3	6	12	24
2	Rated Current	mA	< 700	< 400	< 300	< 180
3	Inflation Time*	sec	< 14	< 12	< 13	< 11
4	Max. Pressure	kPa	> 53.3	> 53.3	> 53.3	> 53.3
5	Leak Rate	mmHg/min	< 3	< 3	< 3	< 3
6	Noise Level	dB	< 60	< 60	< 55	< 55
7	Estimated Lifetime	cycles	30,000 cycles	30,000 cycles	30,000 cycles	30,000 cycles
8	Life Cycle Testing	On 10 sec, off 2 sec, and deflating in 6 sec in a 500 cc tank.				

MATERIALS

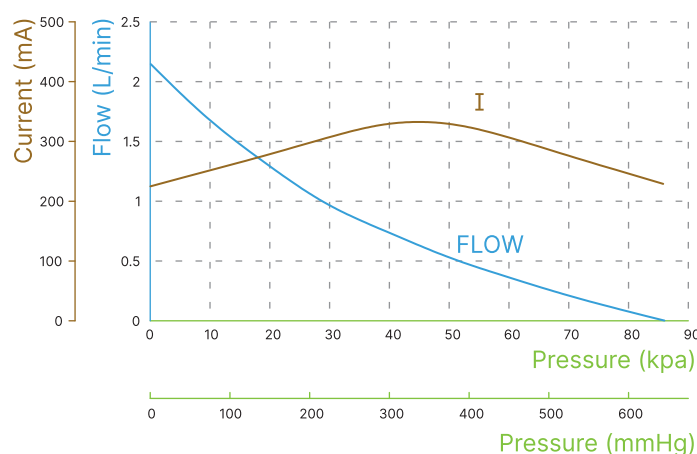
1	Valve	EPDM
2	Diaphragm	EPDM
3	Motor	Brush DC

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 500 cc tank.

DIMENSIONS (MM)



FLOW CURVES @6V



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable



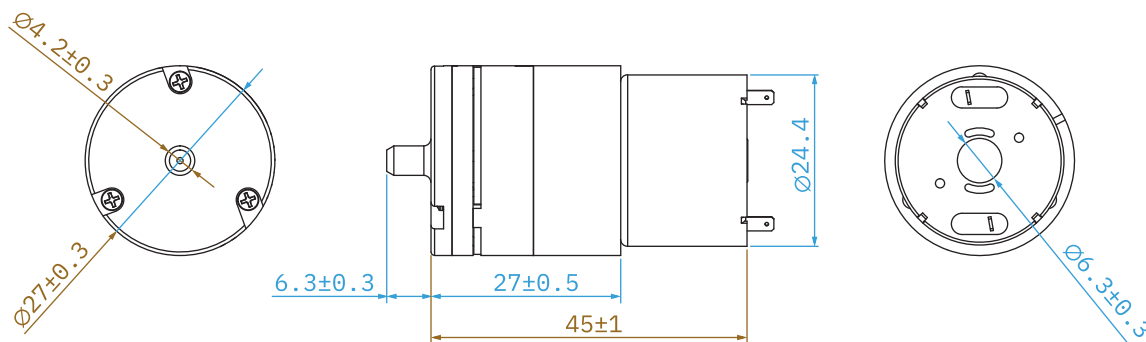
For accessories, visit
symtek.com.tw/pump-acc

Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers

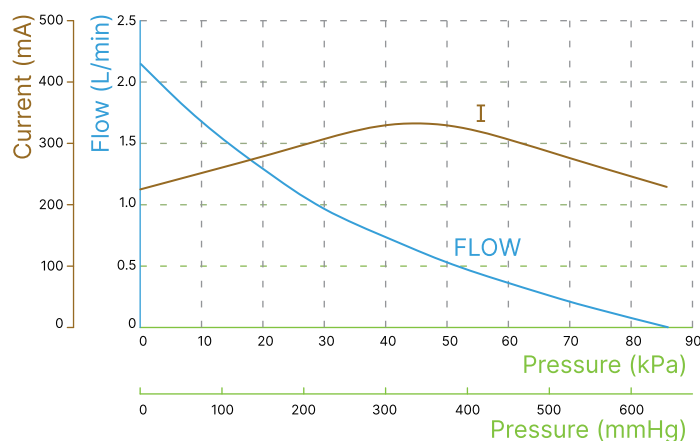
SPECIFICATIONS			Model 1	Model 2
1	Rated Voltage	VDC	4.5	6
2	Rated Current	mA	< 600	< 500
3	Inflation Time*	sec	< 13	< 12
4	Max. Pressure	kPa	> 53.3	> 53.3
5	Leak Rate	mmHg/min	< 3	< 3
6	Noise Level	dB	< 50	< 55
7	Estimated Lifetime	cycles	30,000 cycles	30,000 cycles
8	Life Cycle Testing	On 10 sec, off 2 sec, and deflating in 5 sec in a 500 cc tank.		
MATERIALS				
1	Valve	EPDM		
2	Diaphragm	EPDM		
3	Motor	Brush DC		

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 500 cc tank.

DIMENSIONS (MM)



FLOW CURVES @6V





For accessories, visit
symtek.com.tw/pump-acc

1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable

Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers



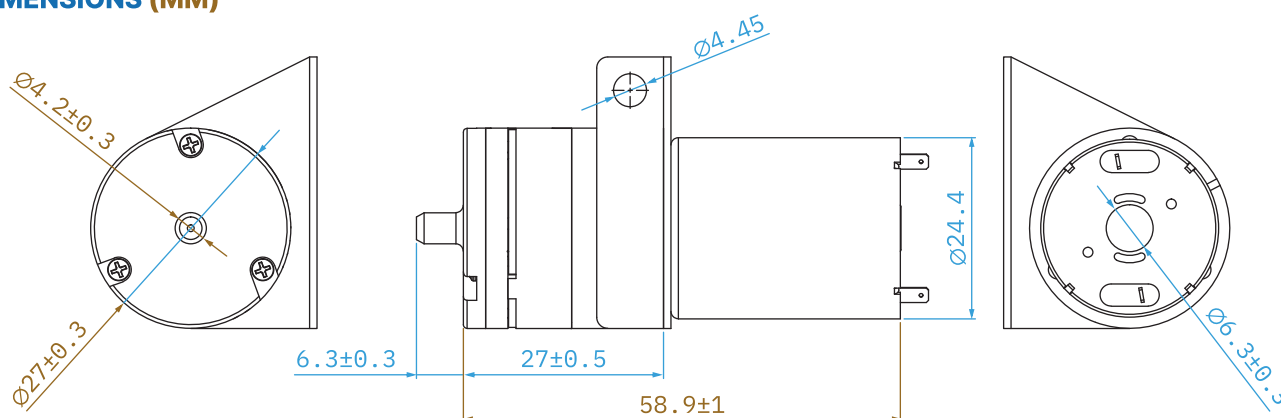
SPECIFICATIONS		Model 1	Model 2	Model 3
1 Rated Voltage	VDC	5.3	6	12
2 Rated Current	mA	< 150	< 400	< 200
3 Inflation Time*	sec	< 30	< 12	< 13
4 Max. Pressure	kPa	> 53.3	> 53.3	> 53.3
5 Leak Rate	mmHg/min	< 3	< 3	< 3
6 Noise Level	dB	< 60	< 60	< 55
7 Estimated Lifetime	cycles	30,000 cycles	30,000 cycles	30,000 cycles
8 Life Cycle Testing	On 10 sec, off 2 sec, and deflating in 6 sec in a 500 cc tank.			

MATERIALS

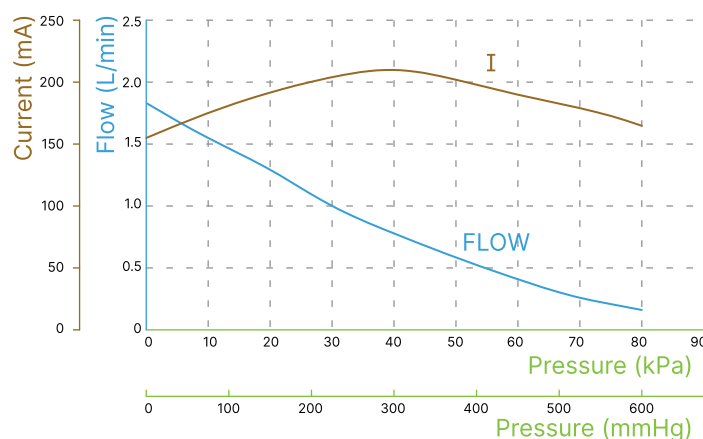
1 Valve	EPDM
2 Diaphragm	EPDM
3 Motor	Brush DC

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 500 cc tank.

DIMENSIONS (MM)



FLOW CURVES @6V





1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable



For accessories, visit
symtek.com.tw/pump-acc

Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers

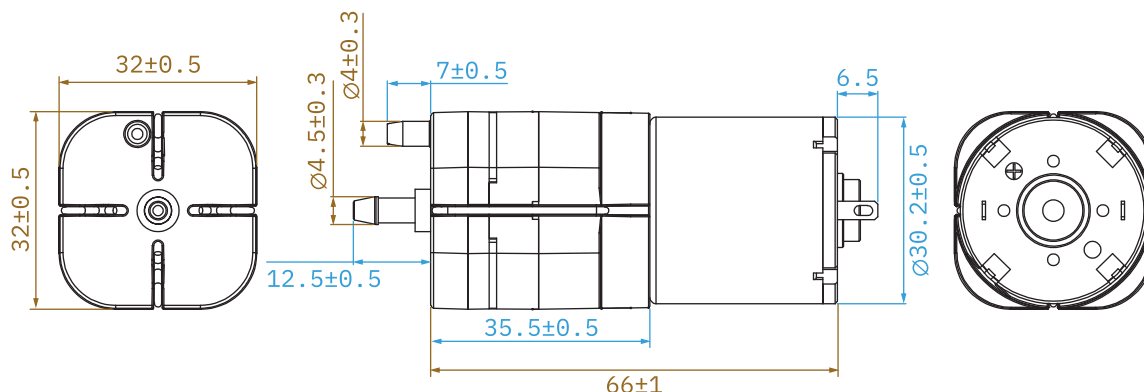
SPECIFICATIONS		Model 1	Model 2	Model 3
1 Rated Voltage	VDC	5	6	12
2 Rated Current	mA	< 1,700	< 1,200	< 1,100
3 Inflation Time*	sec	< 10	< 10	< 10
4 Flow Rate	L/min	≥ 4.0	≥ 5.0	≥ 5.0
5 Max. Pressure	kPa	> 60	> 60	> 60
6 Noise Level	dB	< 75	< 65	< 65
7 Estimated Lifetime	cycles	80,000 cycles	80,000 cycles	80,000 cycles
8 Life Cycle Testing	On 10 sec, off 2 sec, and deflating in 5 sec in a 500 cc tank.			

MATERIALS

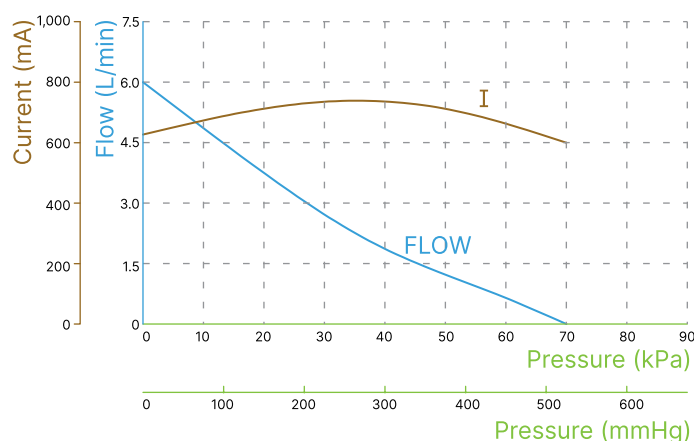
1 Valve	EPDM
2 Diaphragm	EPDM
3 Motor	Brush DC

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 500 cc tank.

DIMENSIONS (MM)



FLOW CURVES @6V



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-acc

1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable

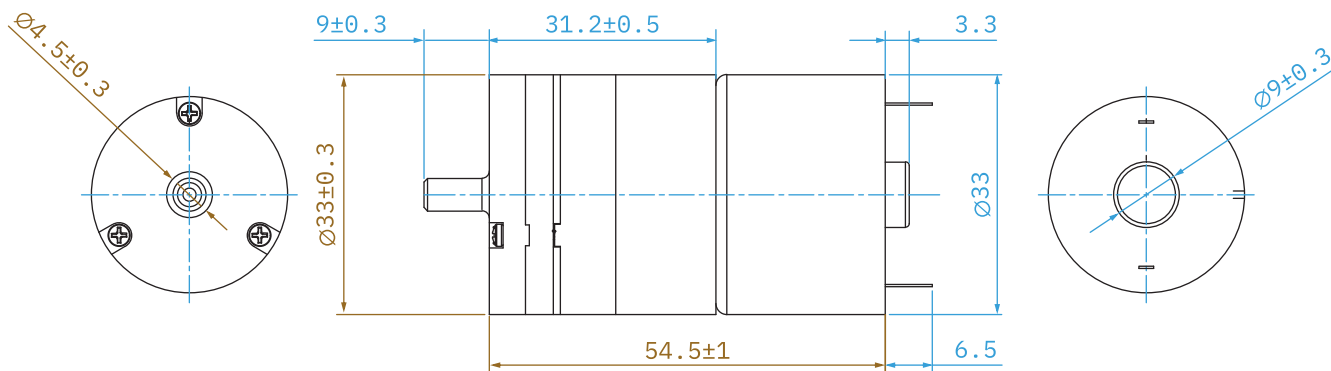
Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers



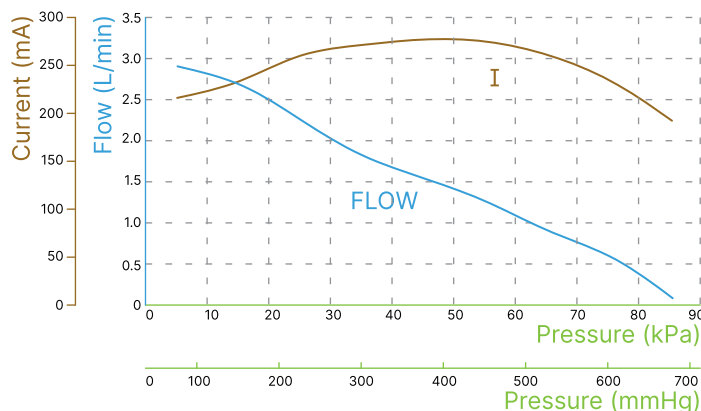
SPECIFICATIONS			Model 1	Model 2	Model 3
1	Rated Voltage	VDC	6	12	24
2	Rated Current	mA	< 500	< 350	< 250
3	Inflation Time*	sec	< 10	< 10	< 10
4	Max. Pressure	kPa	> 53.3	> 60	> 60
5	Leak Rate	mmHg/min	< 3	< 3	< 3
6	Flow Rate	L/min	> 2.5	> 2.5	> 2.5
7	Noise Level	dB	< 63	< 63	< 63
8	Estimated Lifetime	cycles	30,000 cycles	30,000 cycles	30,000 cycles
9	Life Cycle Testing	On 20 sec, off 2 sec, and deflating in 6 sec in a 100 cc tank.			
MATERIALS					
1	Valve	EPDM			
2	Diaphragm	EPDM			
3	Motor	Brush DC			

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 500 cc tank.

DIMENSIONS (MM)



FLOW CURVES @12V



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



1. Gas-tight
2. Certified with RoHS & ISO 9001:2008
3. Fully customizable



For accessories, visit
symtek.com.tw/pump-acc

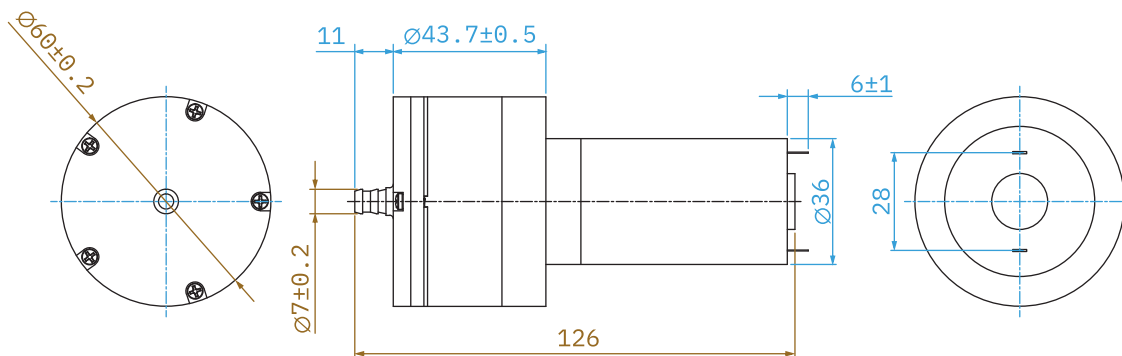
Medical Blood pressure monitors & medical devices
Personal Care Aromatherapy machines & electric massagers

SPECIFICATIONS			Model 1	Model 2
1	Rated Voltage	VDC	12	24
2	Rated Current	mA	< 2,000	< 1,700
3	Flow Rate	L/min	> 12	> 12
4	Max. Pressure	kPa	> 70	> 70
5	Leak Rate	mmHg	< 15	< 15
6	Noise Level	dB	< 60	< 60
7	Estimated Lifetime	cycles	2,500 cycles	2,500 cycles
8	Life Cycle Testing	On 20 min, off 5 min in a 500 cc tank.		

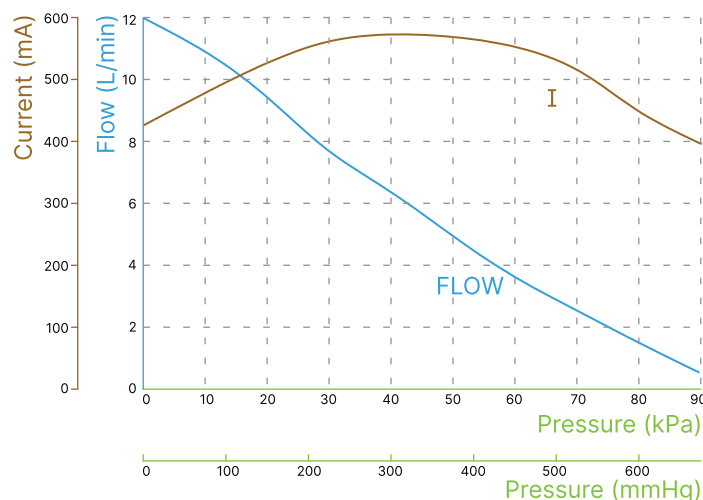
MATERIALS		
1	Valve	EPDM
2	Diaphragm	EPDM
3	Motor	Brush DC

* Inflation time is defined as the pressurization time from 0 to 300 mmHg in a 500 cc tank.

DIMENSIONS (MM)



FLOW CURVES @12V





1. Self-priming, dry-run safe and 100% oil-free
2. Low noise, low vibration and gas-tight
3. Various motor options
4. RoHS-certified



For accessories, visit
symtek.com.tw/pump-acc

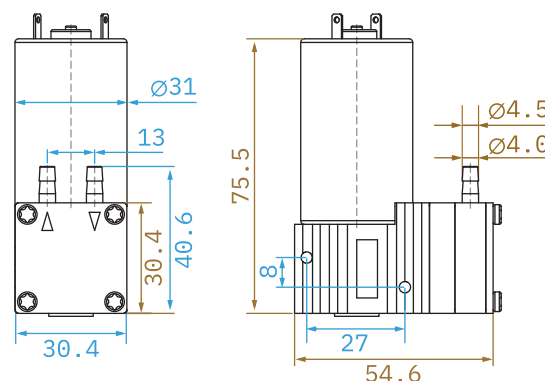
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Printing Inkjet printers

SPECIFICATIONS		Model 1
1 Part No.		P12006/V7006
2 Rated Voltage	VDC	12
3 Operating Voltages	VDC	7 – 14
4 No Load Current	A	0.4
5 Max. Pressure	kPa	120
6 Max. Vacuum	kPa	-70
7 Flow Rate	L/min	6
8 No Load Noise	dBA/1M	65
9 Estimated Lifetime	hr	3,000 hrs
10 Delivery Mode		Intermittent
11 Insulation Class		Class F
12 Weight	g	200
13 Permissible Ambient Temperature	°C	5 – 70°C
14 Permissible Media Temperature	°C	5 – 60°C

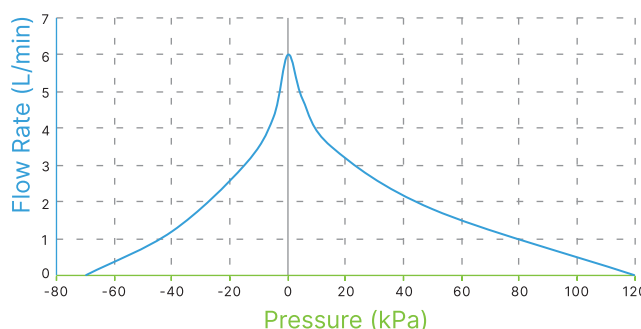
MATERIALS

1 Pump Head	Nylon
2 Valve	EPDM
3 Diaphragm	EPDM
4 Motor	Brush DC

DIMENSIONS (MM)



FLOW CURVES



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-acc

1. Self-priming, dry-run safe and 100% oil-free
2. Low noise, low vibration and gas-tight
3. Various motor options
4. RoHS-certified



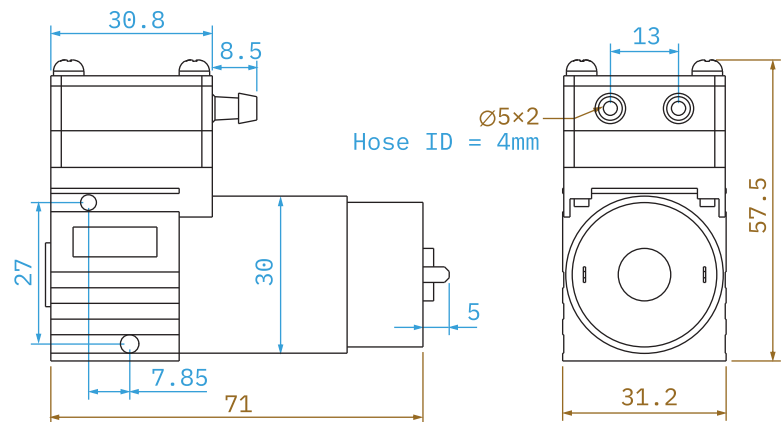
Food Lab Environmental Printing **Food preservation containers Gas chromatography Air samplers, gas analyzers & leak detectors Inkjet printers**

SPECIFICATIONS		Model 1
1 Part No.		P9504/V6004
2 Rated Voltage	VDC	6/12/24
3 No Load Current	A	0.4/0.24/0.15
4 Max. Pressure	kPa	95
5 Max. Vacuum	kPa	-60
6 Flow Rate	L/min	4.5
7 No Load Noise	dB(A)/1M	65
8 Estimated Lifetime	hr	1,000 hrs
9 Delivery Mode		Intermittent
10 Insulation Class		Class F
11 Weight	g	150
12 Permissible Ambient Temperature	°C	5 – 70°C
13 Permissible Media Temperature	°C	5 – 60°C

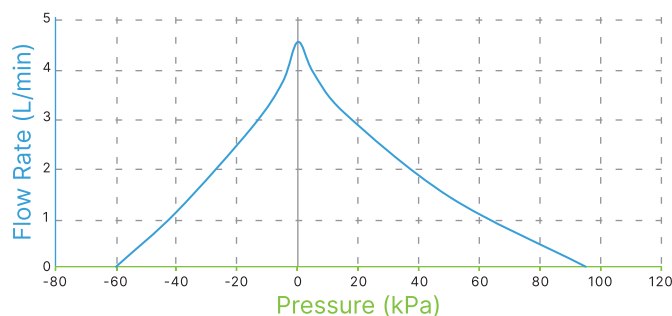
MATERIALS

1 Pump Head	Nylon
2 Valve	EPDM
3 Diaphragm	EPDM
4 Motor	Brush DC

DIMENSIONS (MM)

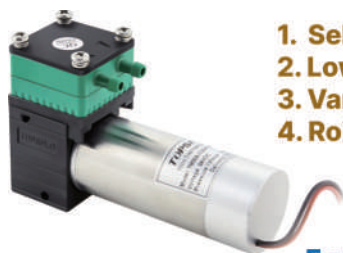


FLOW CURVES



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



1. Self-priming, dry-run safe and 100% oil-free
2. Low noise, low vibration and gas-tight
3. Various motor options
4. RoHS-certified



For accessories, visit
symtek.com.tw/pump-acc

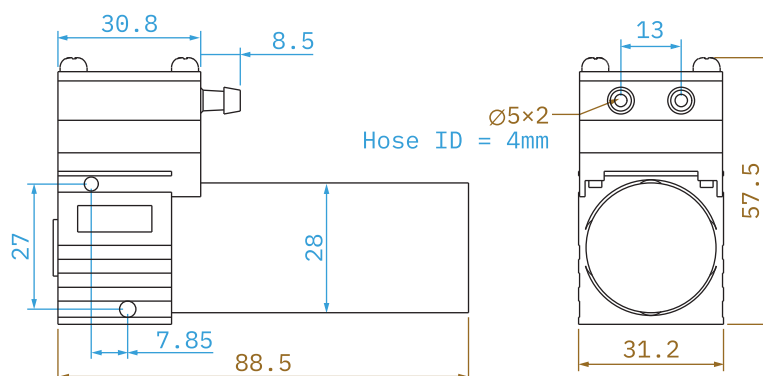
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Printing Inkjet printers

SPECIFICATIONS		Model 1
1 Part No.		P12004/V7004
2 Rated Voltage	VDC	6/12/24
3 No Load Current	A	0.4/0.24/0.15
4 Max. Pressure	kPa	120
5 Max. Vacuum	kPa	-70
6 Flow Rate	L/min	4.5
7 No Load Noise	dBA/1M	60
8 Estimated Lifetime	hr	15,000 hrs
9 Delivery Mode		Intermittent/Continuous
10 Insulation Class		Class F
11 Weight	g	250
12 Permissible Ambient Temperature	°C	5 – 70°C
13 Permissible Media Temperature	°C	5 – 60°C

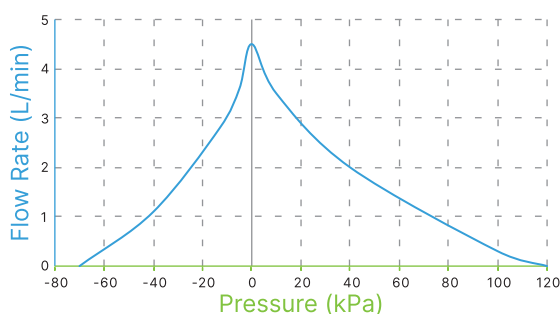
MATERIALS

1 Pump Head	Nylon
2 Valve	EPDM/FPM
3 Diaphragm	EPDM/PTFE
4 Motor	BLDC

DIMENSIONS (MM)



FLOW CURVES





For accessories, visit
symtek.com.tw/pump-acc

1. Self-priming, dry-run safe and 100% oil-free
2. Low noise, low vibration and gas-tight
3. Various motor options
4. RoHS-certified



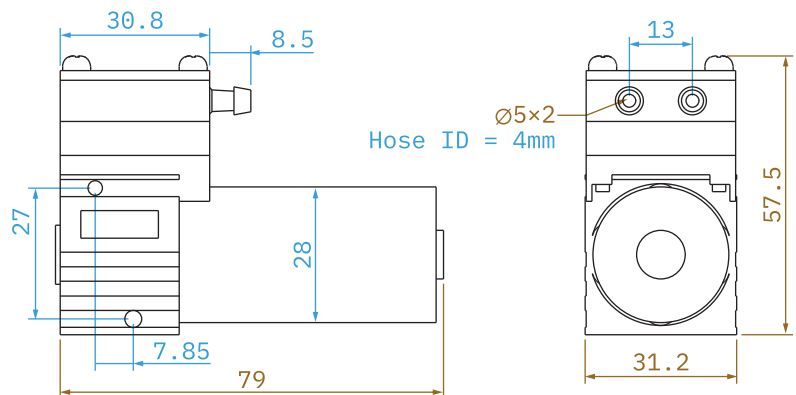
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Printing Inkjet printers

SPECIFICATIONS		Model 1
1 Part No.		P12004/V7004
2 Rated Voltage	VDC	6/12/24
3 No Load Current	A	0.4/0.24/0.15
4 Max. Pressure	kPa	120
5 Max. Vacuum	kPa	-70
6 Flow Rate	L/min	4
7 No Load Noise	dB(A)/1M	60
8 Estimated Lifetime	hr	15,000 hrs
9 Delivery Mode		Intermittent/Continuous
10 Insulation Class		Class F
11 Weight	g	260
12 Permissible Ambient Temperature	°C	5 – 70°C
13 Permissible Media Temperature	°C	5 – 60°C

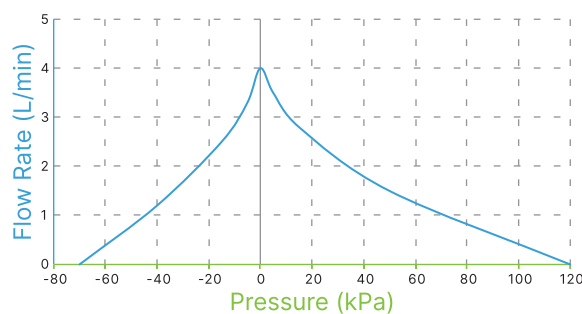
MATERIALS

1 Pump Head	Nylon
2 Valve	EPDM/FPM
3 Diaphragm	EPDM/PTFE
4 Motor	BLDC

DIMENSIONS (MM)



FLOW CURVES



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



1. Self-priming, dry-run safe and 100% oil-free
2. Low noise, low vibration and gas-tight
3. Various motor options
4. RoHS-certified



For accessories, visit
symtek.com.tw/pump-acc

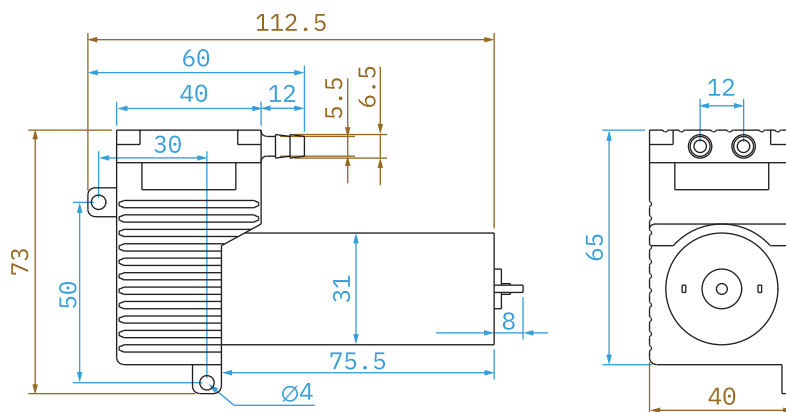
Food Lab Environmental **Food preservation containers Gas chromatography Air samplers, gas analyzers & leak detectors Inkjet printers**

SPECIFICATIONS		Model 1	Model 2	Model 3
1 Part No.		P23012	P18010/V7510	P10009
2 Rated Voltage	VDC	12/24	12/24	12/24
3 No Load Current	A	1.5	0.8	0.8
4 Max. Pressure	kPa	230	180	100
5 Max. Vacuum	kPa	-	-75	-
6 Flow Rate	L/min	12	10	9
7 No Load Noise	dBA/1M	65	65	65
8 Estimated Lifetime	hr	5,000 hrs	5,000 hrs	5,000 hrs
9 Delivery Mode		Intermittent	Intermittent	Intermittent
10 Insulation Class		Class F	Class F	Class F
11 Weight	g	350	350	350
12 Permissible Ambient Temperature	°C	5 – 70°C	5 – 70°C	5 – 70°C
13 Permissible Media Temperature	°C	5 – 60°C	5 – 60°C	5 – 60°C

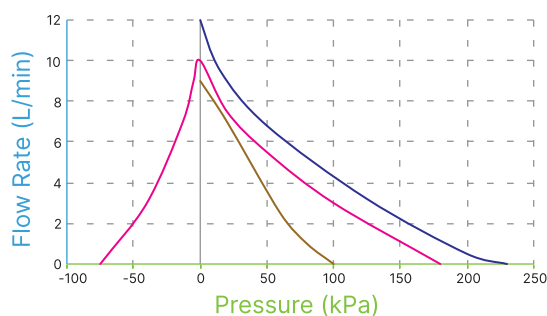
MATERIALS

1 Pump Head	Nylon
2 Valve	EPDM
3 Diaphragm	EPDM
4 Motor	Brush DC

DIMENSIONS (MM)



FLOW CURVES



— Model 1 — Model 2 — Model 3

Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-acc

1. Self-priming, dry-run safe and 100% oil-free
2. Low noise, low vibration and gas-tight
3. Various motor options
4. RoHS-certified



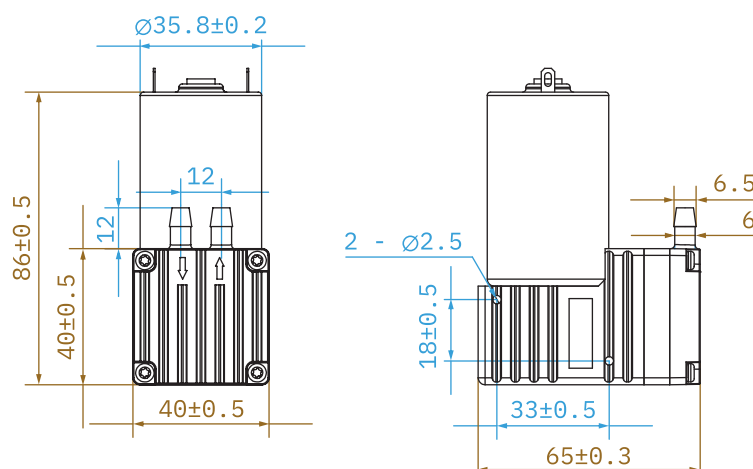
Food Lab Environmental Printing **Food preservation containers Gas chromatography Air samplers, gas analyzers & leak detectors Inkjet printers**

SPECIFICATIONS		Model 1	Model 2
1 Part No.		P22013/V8013	P28016/V8016
2 Rated Voltage	VDC	12	12
3 No Load Current	A	0.7	1.2
4 Max. Pressure	kPa	220	280
5 Max. Vacuum	kPa	-80	-80
6 Flow Rate	L/min	13	16
7 No Load Noise	dBA/1M	65	65
8 Estimated Lifetime	hr	1,000 hrs	1,000 hrs
9 Delivery Mode		Intermittent	Intermittent
10 Insulation Class		Class F	Class F
11 Weight	g	280	280
12 Permissible Ambient Temperature	°C	5 – 70°C	5 – 70°C
13 Permissible Media Temperature	°C	5 – 60°C	5 – 60°C

MATERIALS

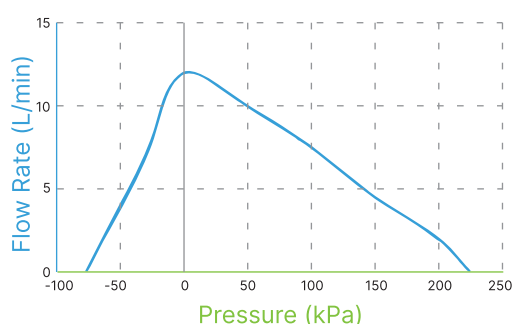
1 Pump Head	Nylon
2 Valve	EPDM
3 Diaphragm	EPDM
4 Motor	Brush DC

DIMENSIONS (MM)

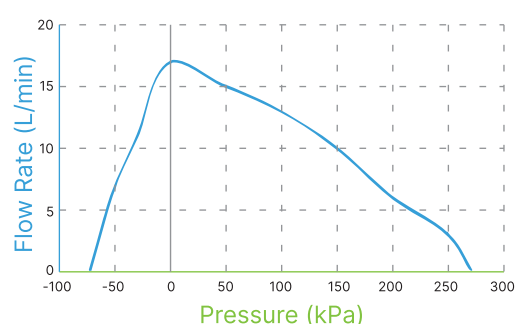


FLOW CURVES

P22013/V8013 MODEL 1 @12V



P28016/V8016 MODEL 2 @12V





1. Self-priming, dry-run safe and 100% oil-free
2. Low noise, low vibration and gas-tight
3. Various motor options
4. RoHS-certified



For accessories, visit
symtek.com.tw/pump-acc

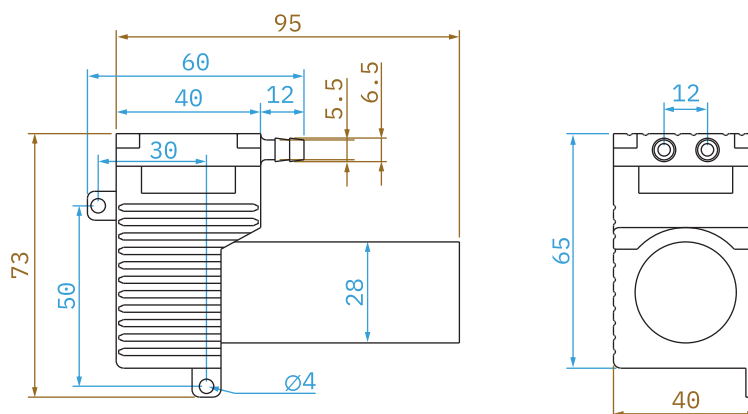
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Printing Inkjet printers

SPECIFICATIONS		Model 1
1 Part No.		P10010/V7510
2 Rated Voltage	VDC	12/24
3 No Load Current	A	0.8/0.6
4 Max. Pressure	kPa	100
5 Max. Vacuum	kPa	-75
6 Flow Rate	L/min	10
7 No Load Noise	dBA/1M	60
8 Estimated Lifetime	hr	15,000 hrs
9 Delivery Mode		Intermittent/Continuous
10 Insulation Class		Class F
11 Weight	g	350
12 Permissible Ambient Temperature	°C	5 – 70°C
13 Permissible Media Temperature	°C	5 – 60°C

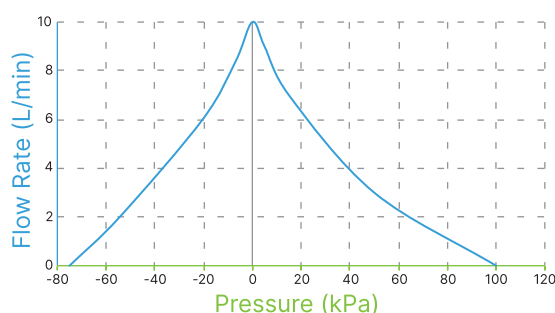
MATERIALS

1 Pump Head	Nylon
2 Valve	EPDM
3 Diaphragm	EPDM
4 Motor	BLDC

DIMENSIONS (MM)



FLOW CURVES



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-acc

1. Self-priming, dry-run safe and 100% oil-free
2. Low noise, low vibration and gas-tight
3. Various motor options
4. RoHS-certified



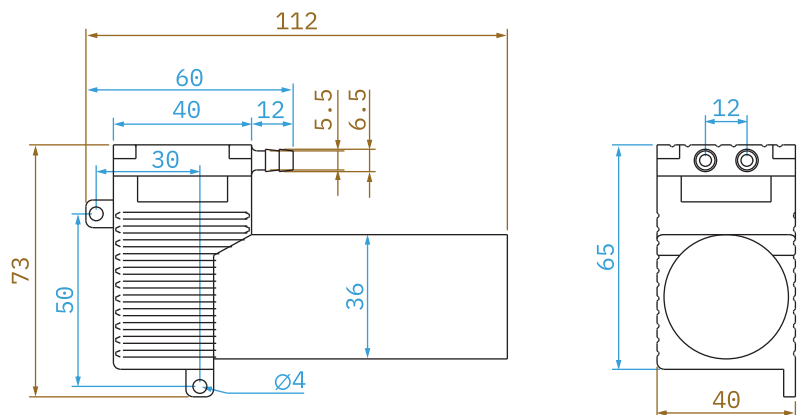
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Printing Inkjet printers

SPECIFICATIONS		Model 1
1 Part No.		P25010/V8010
2 Rated Voltage	VDC	12/24
3 No Load Current	A	0.6
4 Max. Pressure	kPa	250
5 Max. Vacuum	kPa	-80
6 Flow Rate	L/min	10
7 No Load Noise	dBA/1M	60
8 Estimated Lifetime	hr	15,000 hrs
9 Delivery Mode		Intermittent/Continuous
10 Insulation Class		Class F
11 Weight	g	400
12 Permissible Ambient Temperature	°C	5 – 70°C
13 Permissible Media Temperature	°C	5 – 60°C

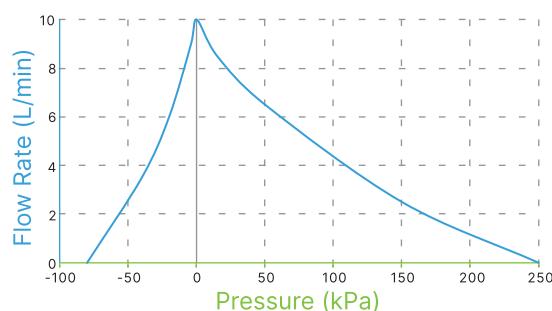
MATERIALS

1 Pump Head	Nylon
2 Valve	EPDM/FPM
3 Diaphragm	EPDM/PTFE
4 Motor	BLDC

DIMENSIONS (MM)



FLOW CURVES



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



1. Self-priming, dry-run safe and 100% oil-free
2. Low noise, low vibration and gas-tight
3. Various motor options
4. RoHS-certified



For accessories, visit
symtek.com.tw/pump-acc

Food Lab Environmental Printing **Food preservation containers Gas chromatography Air samplers, gas analyzers & leak detectors Inkjet printers**

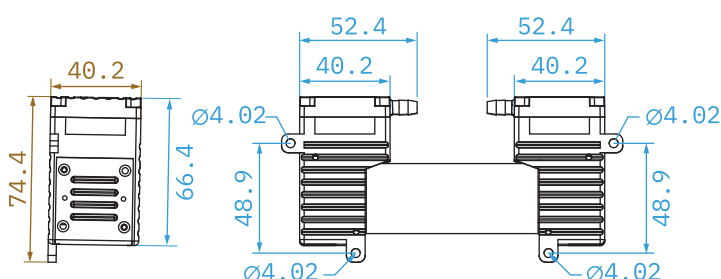
SPECIFICATIONS		Model 1	Model 2	Model 3
1 Part No.		P22017	V7517	V9512
2 Rated Voltage	VDC	12/24	12/24	12/24
3 No Load Current	A	1.8	1.8	1.8
4 Max. Pressure	kPa	220	-	-
5 Max. Vacuum	kPa	-	-75	-95
6 Flow Rate	L/min	17	17	12
7 No Load Noise	dBA/1M	65	65	65
8 Estimated Lifetime	hr	5,000 hrs	5,000 hrs	5,000 hrs
9 Delivery Mode		Intermittent	Intermittent	Intermittent
10 Insulation Class		Class F	Class F	Class F
11 Weight	g	450	450	450
12 Permissible Ambient Temperature	°C	5 – 70°C	5 – 70°C	5 – 70°C
13 Permissible Media Temperature	°C	5 – 60°C	5 – 60°C	5 – 60°C
14 Operating Mode		PDO	PDO	SSO

* Note: "PDO" means parallel double outputs, and "SSO" means series single output.

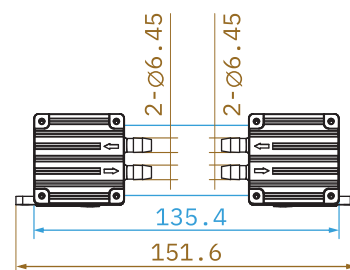
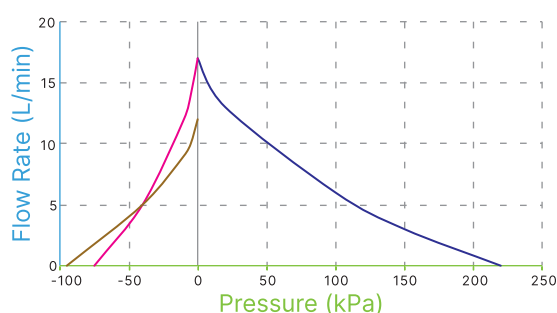
MATERIALS

1 Pump Head	Nylon
2 Valve	EPDM/FPM
3 Diaphragm	EPDM/PTFE
4 Motor	Brush DC

DIMENSIONS (MM)



FLOW CURVES



— Model 1 — Model 2 — Model 3

Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-
acc

1. Self-priming, dry-run safe and 100% oil-free
2. Low noise, low vibration and gas-tight
3. Various motor options
4. RoHS-certified



Food Lab Environmental Printing **Food preservation containers Gas chromatography Air samplers, gas analyzers & leak detectors Inkjet printers**

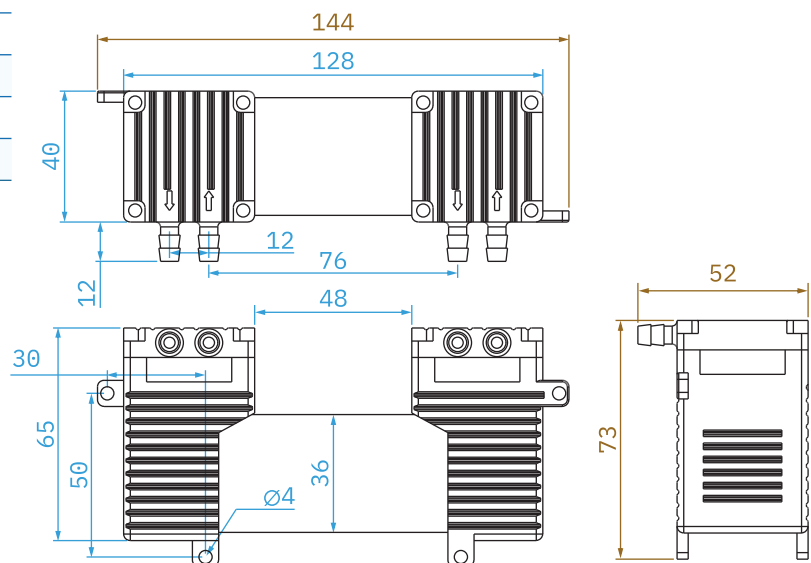
SPECIFICATIONS			Model 1	Model 2	Model 3
1	Part No.		P22017	V7517	V9512
2	Rated Voltage	VDC	12/24	12/24	12/24
3	No Load Current	A	1.8	1.8	1.8
4	Max. Pressure	kPa	220	-	-
5	Max. Vacuum	kPa	-	-75	-95
6	Flow Rate	L/min	17	17	12
7	No Load Noise	dBA/1M	65	65	65
8	Estimated Lifetime	hr	15,000 hrs	15,000 hrs	15,000 hrs
9	Delivery Mode	Intermittent/Continuous			
10	Insulation Class		Class F	Class F	Class F
11	Weight	g	540	540	540
12	Permissible Ambient Temperature	°C	5 – 70°C	5 – 70°C	5 – 70°C
13	Permissible Media Temperature	°C	5 – 60°C	5 – 60°C	5 – 60°C
14	Operating Mode		PDO	PDO	SSO

* Note: "PDO" means parallel double outputs, and "SSO" means series single output.

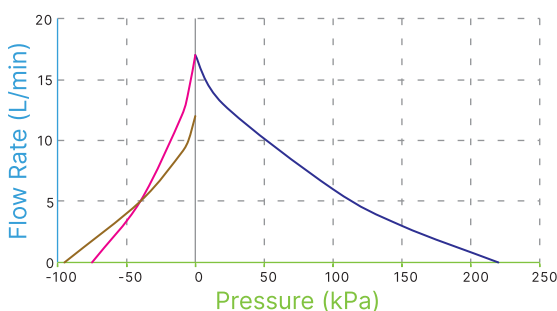
MATERIALS

1 Pump Head	Nylon
2 Valve	EPDM/FPM
3 Diaphragm	EPDM/PTFE
4 Motor	BLDC

DIMENSIONS (MM)



FLOW CURVES



— Model 1 — Model 2 — Model 3



For accessories, visit
symtek.com.tw/pump-
acc

1. Oil-less and maintenance-free
2. High flow rates in a compact design
3. Low noise and low vibration
4. CE & RoHS-certified



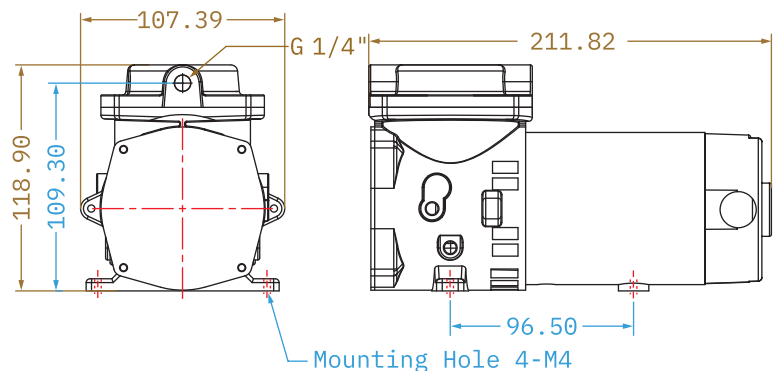
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Industrial Vacuum lifters

SPECIFICATIONS		Model 1	Model 2
1 Part No.			
2 Rated Voltage	VDC	12	24
3 Max. Current (Pressure/Vacuum)	A	8/4	4/2
4 Type		Pressure/Vacuum	
5 Max. Pressure	kPa	360	360
6 Max. Vacuum	kPa	-80	-80
7 Flow Rate	L/min	50	50
8 No Load Noise	dBA/1M	65	65
9 Estimated Lifetime	hr	5,000 hrs	5,000 hrs
10 Delivery Mode		Intermittent	Intermittent
11 Insulation Class		Class E	Class E
12 Weight	kg	2.4	2.4
13 Inlet Diameter	inch	G 1/4"	G 1/4"
14 Permissible Ambient Temperature	°C	0 – 40°C	0 – 40°C
15 Permissible Media Temperature	°C	0 – 40°C	0 – 40°C

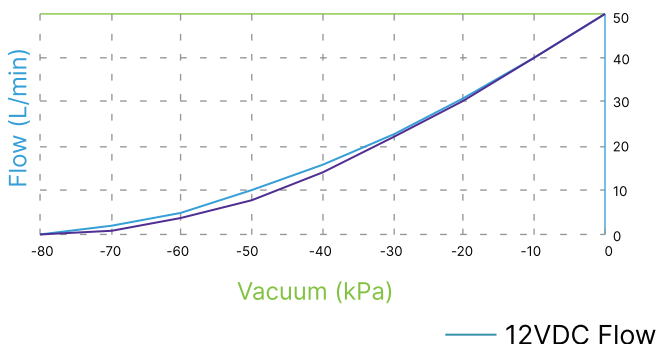
MATERIALS

1 Pump Head	Aluminum Die-Casting
2 Valve	Stainless Steel
3 Diaphragm	EPDM
4 Motor	Brush DC

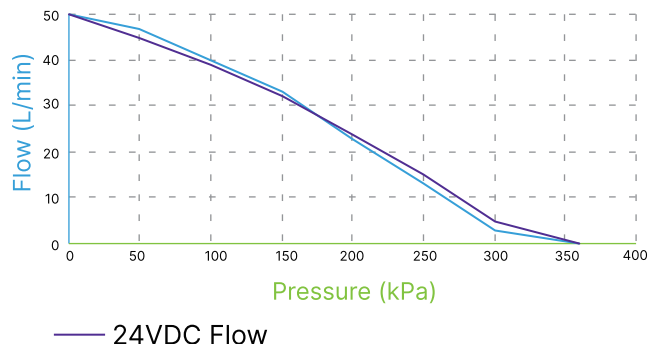
DIMENSIONS (MM)



FLOW CURVES (VACUUM)



FLOW CURVES (PRESSURE)



— 12VDC Flow — 24VDC Flow



1. Oil-less and maintenance-free
2. High flow rates in a compact design
3. Low noise and low vibration
4. CE & RoHS-certified



For accessories, visit
symtek.com.tw/pump-acc

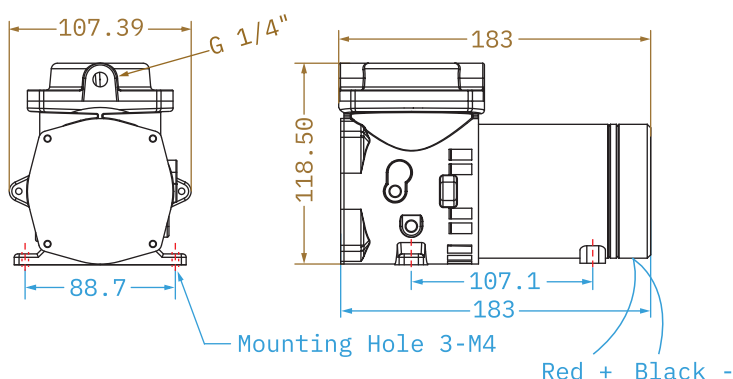
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Industrial Vacuum lifters

SPECIFICATIONS		Model 1	Model 2
1	Part No.		
2	Rated Voltage	VDC	1224
3	Max. Current (Pressure/Vacuum)	A	8/44/2
4	Type	Pressure/Vacuum	
5	Max. Pressure	kPa	360360
6	Max. Vacuum	kPa	-80-80
7	Flow Rate	L/min	5555
8	No Load Noise	dBA/1M	6565
9	Estimated Lifetime	hr	10,000 hrs10,000 hrs
10	Delivery Mode	Intermittent/Continuous	
11	Insulation Class	Class E	Class E
12	Weight	kg	2.42.4
13	Inlet Diameter	inch	G 1/4"G 1/4"
14	Permissible Ambient Temperature	°C	0 – 40°C0 – 40°C
15	Permissible Media Temperature	°C	0 – 40°C0 – 40°C

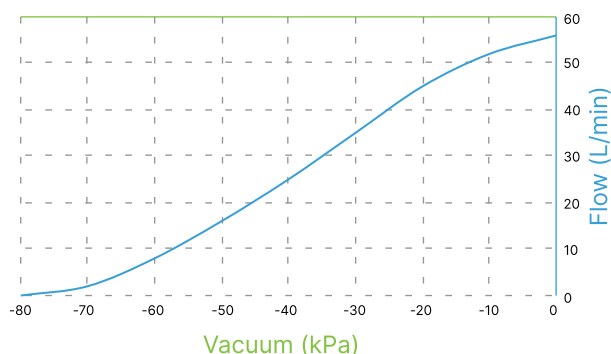
MATERIALS

1	Pump Head	Aluminum Die-Casting
2	Valve	Stainless Steel
3	Diaphragm	EPDM
4	Motor	BLDC

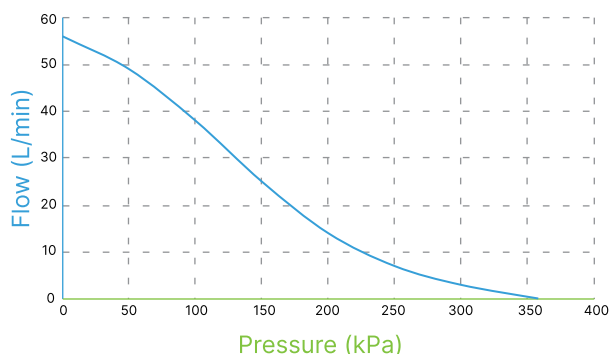
DIMENSIONS (MM)



FLOW CURVES (VACUUM)



FLOW CURVES (PRESSURE)



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-acc

1. Oil-less and maintenance-free
2. High flow rates in a compact design
3. Low noise and low vibration
4. CE and RoHS-certified



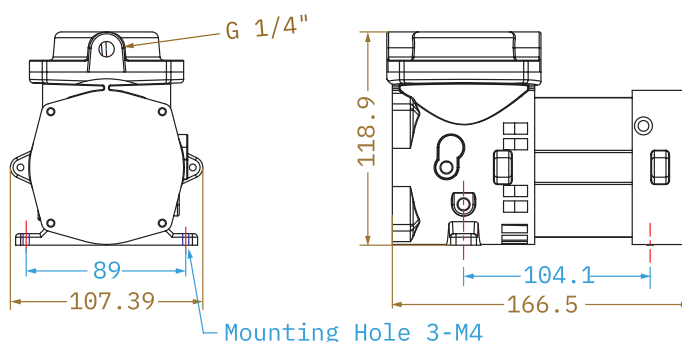
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Industrial Vacuum lifters

SPECIFICATIONS		Model 1
1 Part No.		
2 Rated Voltage	VAC	220
3 Max. Current	A	0.4
4 Type		Vacuum
5 Max. Pressure	kPa	-
6 Max. Vacuum	kPa	-80
7 Flow Rate	L/min	33
8 No Load Noise	dBA/1M	62
9 Estimated Lifetime	hr	5,000 hrs
10 Delivery Mode		Intermittent
11 Insulation Class		Class E
12 Weight	kg	3
13 Inlet Diameter	inch	G 1/4"
14 Permissible Ambient Temperature	°C	0 – 40°C
15 Permissible Media Temperature	°C	0 – 40°C

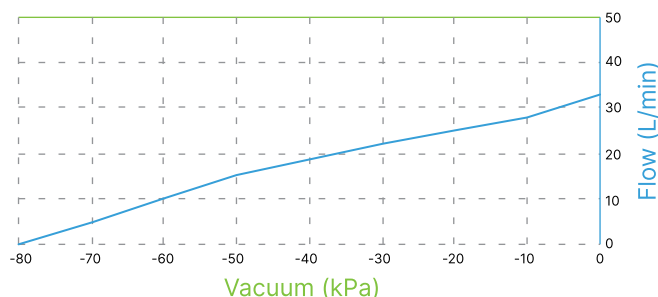
MATERIALS

1 Pump Head	Aluminum Die-Casting
2 Valve	Stainless Steel
3 Diaphragm	EPDM
4 Motor	AC

DIMENSIONS (MM)



FLOW CURVES (VACUUM)



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.

SYMTEK GZ35B Brush DC Series

AIR / VACUUM PUMPS

Symflo 



1. Oil-less and maintenance-free
2. High flow rates in a compact design
3. Low noise and low vibration
4. CE and RoHS-certified



For accessories, visit
symtek.com.tw/pump-acc

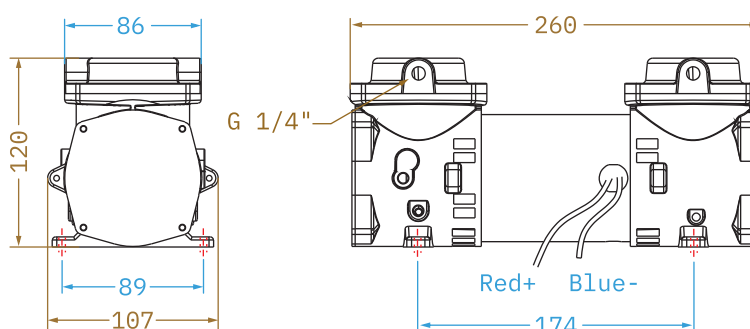
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Industrial Vacuum lifters

SPECIFICATIONS		Model 1	Model 2
1 Part No.			
2 Rated Voltage	VDC	12	24
3 Max. Current (Pressure/Vacuum)	A	14/8	7/4
4 Type		Pressure/Vacuum	
5 Max. Pressure	kPa	360	360
6 Max. Vacuum	kPa	-80	-80
7 Flow Rate	L/min	70	70
8 No Load Noise	dBA/1M	65	65
9 Estimated Lifetime	hr	5,000 hrs	5,000 hrs
10 Delivery Mode		Intermittent	Intermittent
11 Insulation Class		Class E	Class E
12 Weight	kg	3.4	3.4
13 Inlet Diameter	inch	G 1/4"	G 1/4"
14 Permissible Ambient Temperature	°C	0 – 40°C	0 – 40°C
15 Permissible Media Temperature	°C	0 – 40°C	0 – 40°C

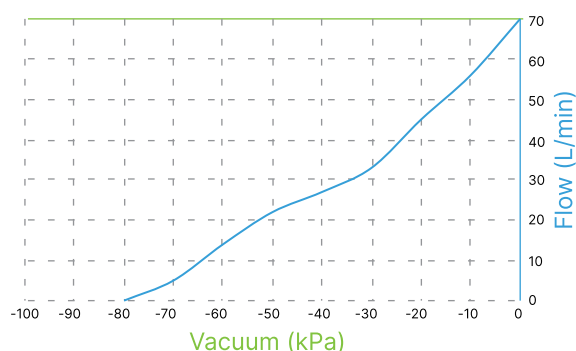
MATERIALS

1 Pump Head	Aluminum Die-Casting
2 Valve	Stainless Steel
3 Diaphragm	EPDM
4 Motor	Brush DC

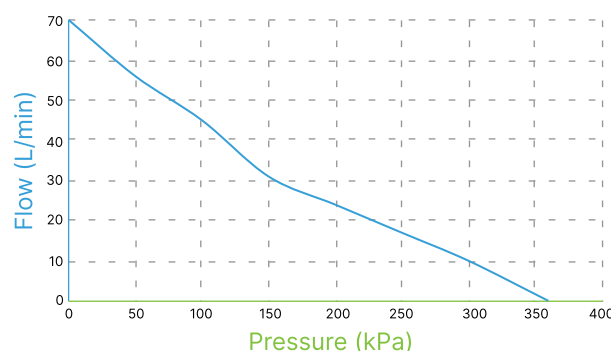
DIMENSIONS (MM)



FLOW CURVES (VACUUM)



FLOW CURVES (PRESSURE)



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-acc

1. Oil-less and maintenance-free
2. High flow rates in a compact design
3. Low noise and low vibration
4. CE and RoHS-certified



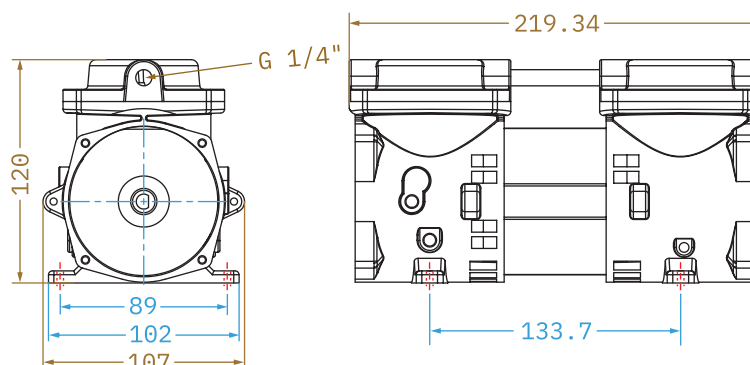
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Industrial Vacuum lifters

SPECIFICATIONS		Model 1
1 Part No.		
2 Rated Voltage	VAC	220
3 Max. Current	A	0.45
4 Type		Vacuum
5 Max. Pressure	kPa	-
6 Max. Vacuum	kPa	-95
7 Flow Rate	L/min	37
8 No Load Noise	dBA/1M	62
9 Estimated Lifetime	hr	5,000 hrs
10 Delivery Mode		Intermittent
11 Insulation Class		Class E
12 Weight	kg	3.7
13 Inlet Diameter	inch	G 1/4"
14 Permissible Ambient Temperature	°C	0 – 40°C
15 Permissible Media Temperature	°C	0 – 40°C

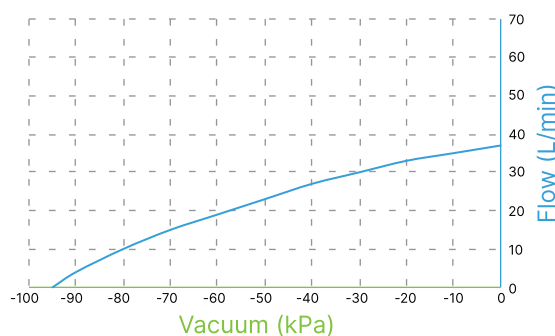
MATERIALS

1 Pump Head	Aluminum Die-Casting
2 Valve	Stainless Steel
3 Diaphragm	EPDM
4 Motor	AC

DIMENSIONS (MM)



FLOW CURVES (VACUUM)



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



1. Oil-less and maintenance-free
2. High flow rates in a compact design
3. Low noise and low vibration
4. CE and RoHS-certified



For accessories, visit
symtek.com.tw/pump-acc

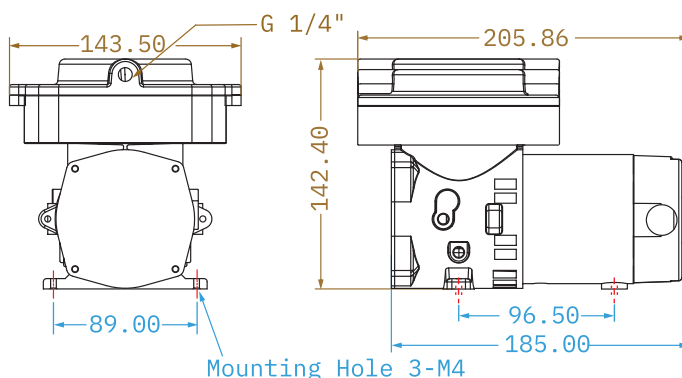
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Industrial Vacuum lifters

SPECIFICATIONS		Model 1	Model 2
1	Part No.		
2	Rated Voltage	VDC	1224
3	Max. Current (Pressure/Vacuum)	A	8/44/2
4	Type	Pressure/Vacuum	
5	Max. Pressure	kPa	200200
6	Max. Vacuum	kPa	-80-80
7	Flow Rate	L/min	6565
8	No Load Noise	dBA/1M	6565
9	Estimated Lifetime	hr	5,000 hrs5,000 hrs
10	Delivery Mode	Intermittent	Intermittent
11	Insulation Class	Class E	Class E
12	Weight	kg	3.13.1
13	Inlet Diameter	inch	G 1/4"G 1/4"
14	Permissible Ambient Temperature	°C	0 – 40°C0 – 40°C
15	Permissible Media Temperature	°C	0 – 40°C0 – 40°C

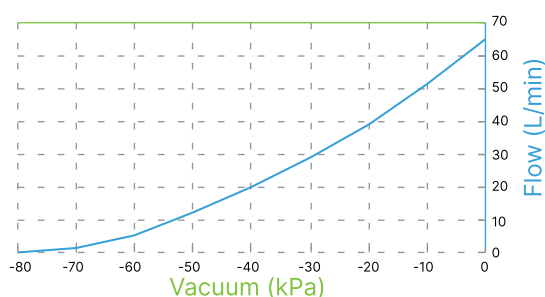
MATERIALS

1	Pump Head	Aluminum Die-Casting
2	Valve	Stainless Steel
3	Diaphragm	EPDM
4	Motor	Brush DC

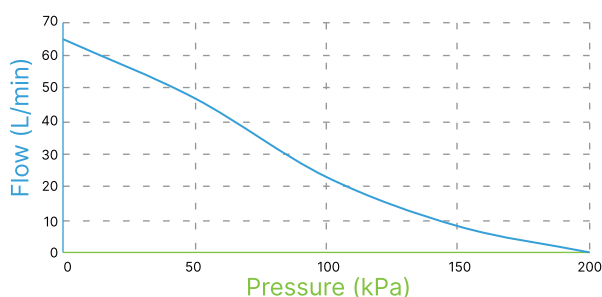
DIMENSIONS (MM)



FLOW CURVES (VACUUM)



FLOW CURVES (PRESSURE)



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-acc

1. Oil-less and maintenance-free
2. High flow rates in a compact design
3. Low noise and low vibration
4. CE and RoHS-certified



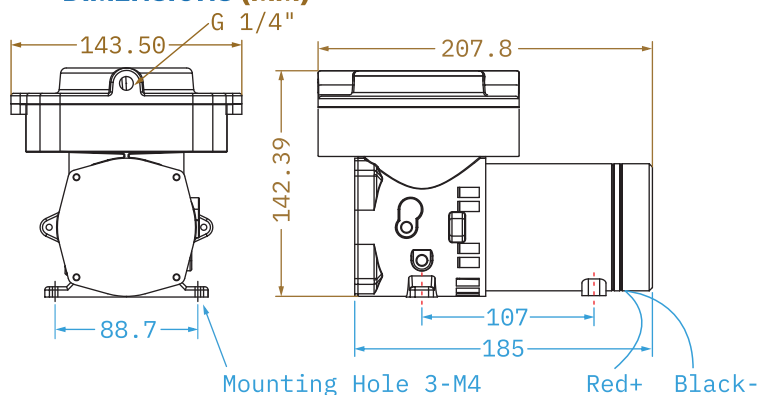
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Industrial Vacuum lifters

SPECIFICATIONS		Model 1	Model 2
1 Part No.			
2 Rated Voltage	VDC	12	24
3 Max. Current (Pressure/Vacuum)	A	8/4	4/2
4 Type		Pressure/Vacuum	
5 Max. Pressure	kPa	200	200
6 Max. Vacuum	kPa	-80	-80
7 Flow Rate	L/min	65	65
8 No Load Noise	dBA/1M	65	65
9 Estimated Lifetime	hr	10,000 hrs	10,000 hrs
10 Delivery Mode		Intermittent/Continuous	
11 Insulation Class		Class F	Class F
12 Weight	kg	3.0	3.0
13 Inlet Diameter	inch	G 1/4"	G 1/4"
14 Permissible Ambient Temperature	°C	0 – 40°C	0 – 40°C
15 Permissible Media Temperature	°C	0 – 40°C	0 – 40°C

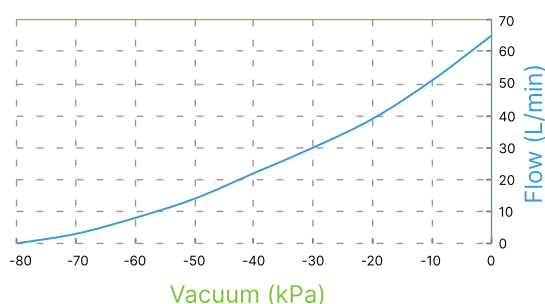
MATERIALS

1 Pump Head	Aluminum Die-Casting
2 Valve	Stainless Steel
3 Diaphragm	EPDM
4 Motor	BLDC

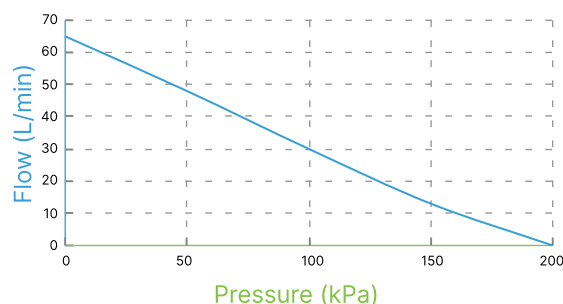
DIMENSIONS (MM)



FLOW CURVES (VACUUM)



FLOW CURVES (PRESSURE)



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



1. Oil-less and maintenance-free
2. High flow rates in a compact design
3. Low noise and low vibration
4. CE and RoHS-certified



For accessories, visit
symtek.com.tw/pump-acc

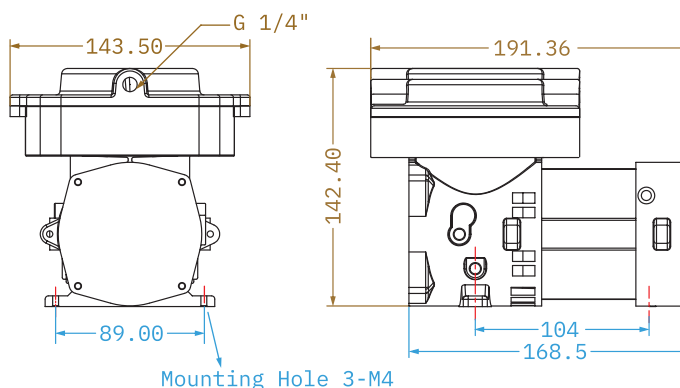
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Industrial Vacuum lifters

SPECIFICATIONS		Model 1
1 Part No.		
2 Rated Voltage	VAC	220
3 Max. Current	A	0.4
4 Type		Vacuum
5 Max. Pressure	kPa	-
6 Max. Vacuum	kPa	-80
7 Flow Rate	L/min	40
8 No Load Noise	dBA/1M	62
9 Estimated Lifetime	hr	5,000 hrs
10 Delivery Mode		Intermittent
11 Insulation Class		Class E
12 Weight	kg	3.4
13 Inlet Diameter	inch	G 1/4"
14 Permissible Ambient Temperature	°C	0 – 40°C
15 Permissible Media Temperature	°C	0 – 40°C

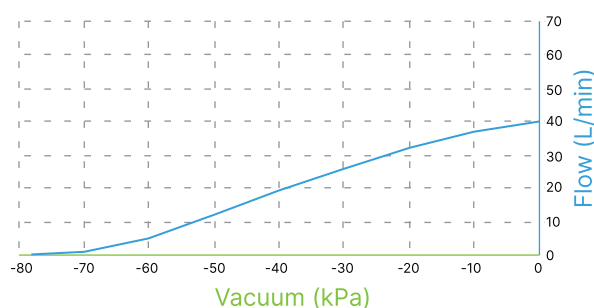
MATERIALS

1 Pump Head	Aluminum Die-Casting
2 Valve	Stainless Steel
3 Diaphragm	EPDM
4 Motor	AC

DIMENSIONS (MM)



FLOW CURVES (VACUUM)



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.



For accessories, visit
symtek.com.tw/pump-acc

1. Oil-less and maintenance-free
2. High flow rates in a compact design
3. Low noise and low vibration
4. CE and RoHS-certified



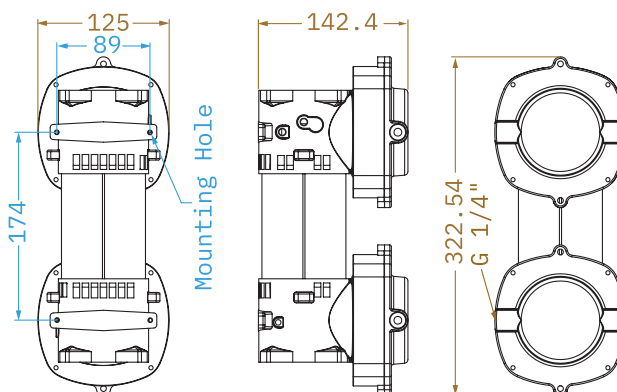
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Industrial Vacuum lifters

SPECIFICATIONS		Model 1	Model 2
1 Part No.			
2 Rated Voltage	VDC	12	24
3 Max. Current (Pressure/Vacuum)	A	16/9	8/5
4 Type		Pressure/Vacuum	
5 Max. Pressure	kPa	250	250
6 Max. Vacuum	kPa	-80	-80
7 Flow Rate	L/min	136	136
8 No Load Noise	dBA/1M	68	68
9 Estimated Lifetime	hr	5,000 hrs	5,000 hrs
10 Delivery Mode		Intermittent	Intermittent
11 Insulation Class		Class E	Class E
12 Weight	kg	4.9	4.9
13 Inlet Diameter	inch	G 1/4"	G 1/4"
14 Permissible Ambient Temperature	°C	0 – 40°C	0 – 40°C
15 Permissible Media Temperature	°C	0 – 40°C	0 – 40°C

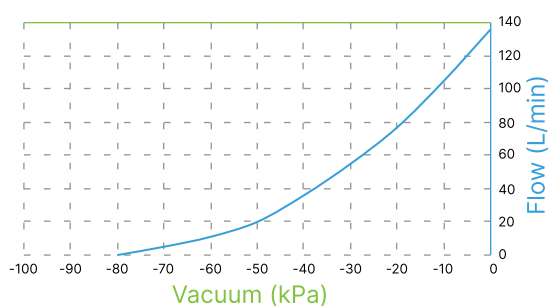
MATERIALS

1 Pump Head	Aluminum Die-Casting
2 Valve	Stainless Steel
3 Diaphragm	EPDM
4 Motor	Brush DC

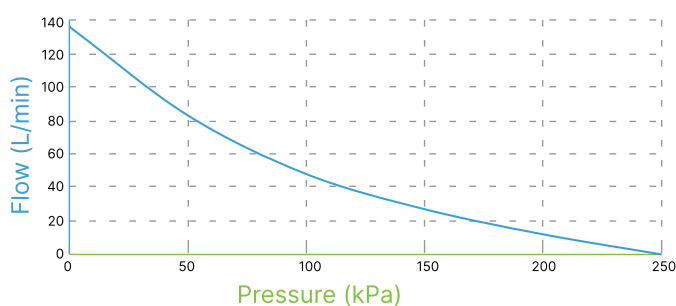
DIMENSIONS (MM)



FLOW CURVES (VACUUM)



FLOW CURVES (PRESSURE)





1. Oil-less and maintenance-free
2. High flow rates in a compact design
3. Low noise and low vibration
4. CE and RoHS-certified



For accessories, visit
symtek.com.tw/pump-acc

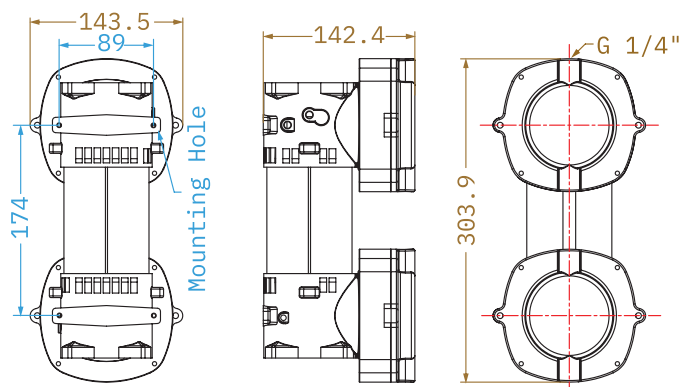
Food Food preservation containers
Lab Gas chromatography
Environmental Air samplers, gas analyzers & leak detectors
Industrial Vacuum lifters

SPECIFICATIONS		Model 1
1 Part No.		
2 Rated Voltage	VAC	220
3 Max. Current	A	0.8
4 Type		Vacuum
5 Max. Pressure	kPa	-
6 Max. Vacuum	kPa	-95
7 Flow Rate	L/min	58
8 No Load Noise	dBA/1M	62
9 Estimated Lifetime	hr	5,000 hrs
10 Delivery Mode		Intermittent
11 Insulation Class		Class E
12 Weight	kg	6.3
13 Inlet Diameter	inch	G 1/4"
14 Permissible Ambient Temperature	°C	0 – 40°C
15 Permissible Media Temperature	°C	0 – 40°C

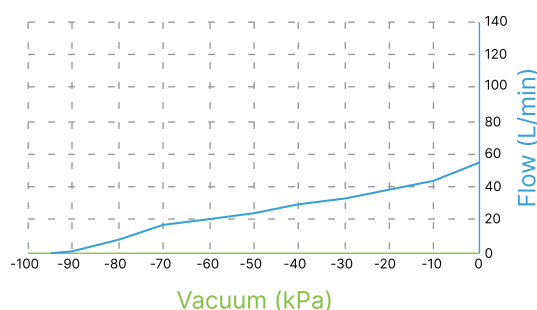
MATERIALS

1 Pump Head	Aluminum Die-Casting
2 Valve	Stainless Steel
3 Diaphragm	EPDM
4 Motor	AC

DIMENSIONS (MM)



FLOW CURVES (VACUUM)



Specifications are subject to change without prior notice.

Copyright © Symtek Co., Ltd. All Rights Reserved.