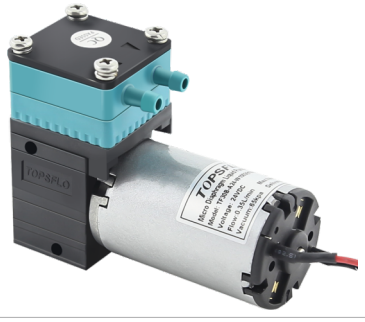
TOPSFLO
Excellence in Micro Pump,DC Pump

TF30A-A
Micro Diaphragm Pump

TF30A-A



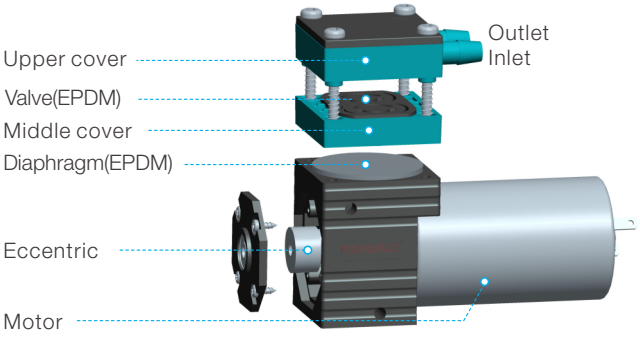
Typical Applications

- Inkjet printer
- Fireplace
- Water purifier
- Analytical instruments
- Semi-conductors
- Medical equipment
- Lab equipment
- Food & beverage industry
- Cleaning industry

Features

- Self priming function is available
- Dry running is acceptable
- Food grade type can be customized
- Excellent reliability
- Maintenance free

Structure

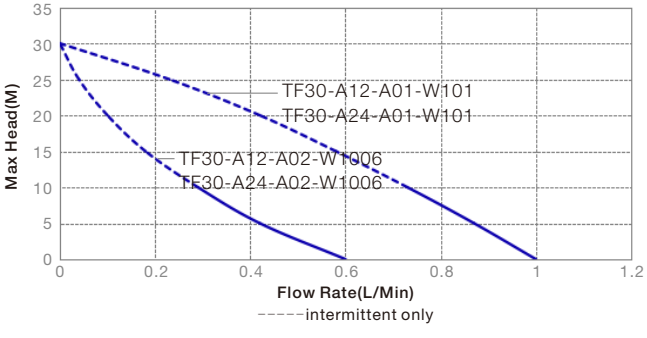


Specification

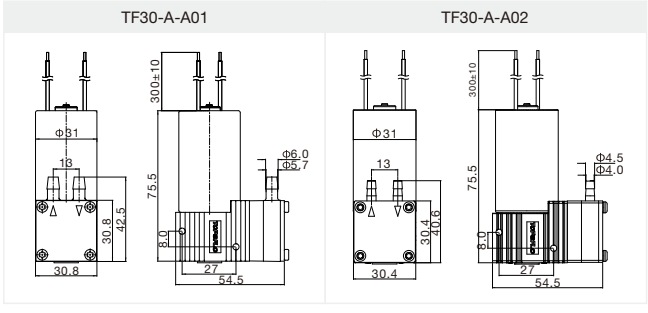
Model	Liquid Pump (Item Number)	Rated Voltage (VDC)	No Load Current (A)	Max Load Current (A)	Max Head (M)	Max Flow (L/min)	Motor Type	Lifetime (Hours)
TF30A-A01	TF30A-A01-12-W101	12	0.5	0.8	10	1	Brush Motor	3,000
	TF30A-A01-24-W101	24	0.4	0.8	10	1	Brush Motor	3,000
TF30A-A02	TF30A-A02-12-W1006	12	0.5	0.8	10	0.6	Brush Motor	3,000
	TF30A-A02-24-W1006	24	0.4	0.7	10	0.6	Brush Motor	3,000

Application Conditions:
- Medium temperature: 5°C~60°C
- Ambient temperature: -20°C~60°C

Curve



Dimension (mm)



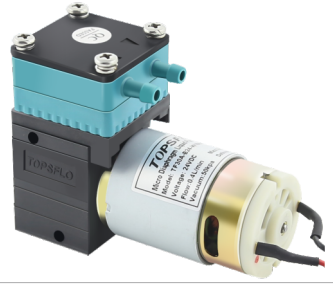
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TOPSFLO
Excellence in Micro Pump,DC Pump

TF30A-B
Micro Diaphragm Pump

TF30A-B



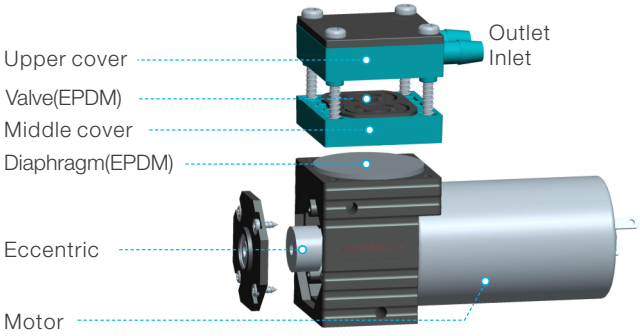
Typical Applications

- Analytical instruments
- Semi-conductors
- Medical equipment
- Lab equipment
- Food & beverage industry
- Cleaning industry
- Medical water cooling

Features

- Self priming function is available
- Dry running is acceptable
- Food grade type can be customized

Structure

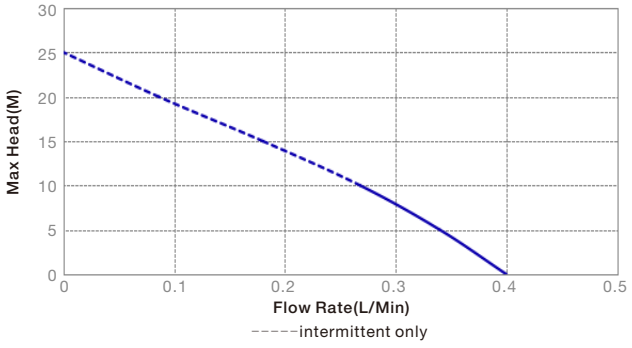


Specification

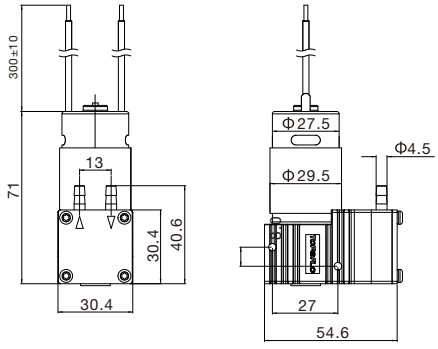
Model	Pressure Pump (Item Number)	Rated Voltage (VDC)	No Load Current (A)	Max Load Current (A)	Max Head (M)	Max Flow (L/min)	Motor Type	Lifetime (Hours)
TF30A-B	TF30A-B12-W1004	12	0.7	1	10	0.4	Brush Motor	1,000
	TF30A-B24-W1004	24	0.3	0.5	10	0.4	Brush Motor	1,000

Application Conditions:
• Medium temperature: 5°C~60°C
• Ambient temperature: -20°C~60°C

Curve



Dimension (mm)



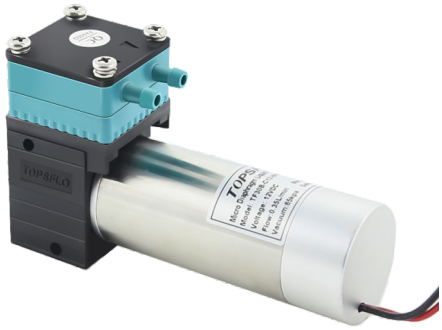
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TOPSFLO
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TF30A-C
Micro Diaphragm Pump

TF30A-C



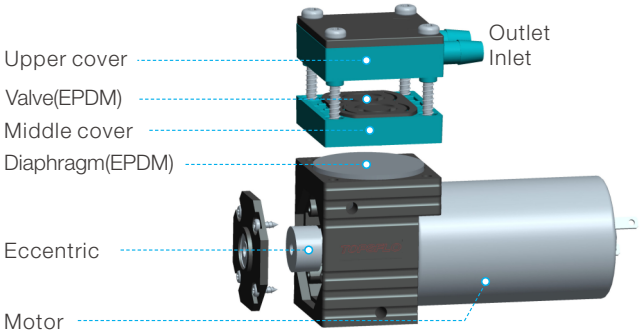
Typical Applications

- Inkjet printer
- Fireplace
- Water purifier
- Analytical instruments
- Semi-conductors
- Medical equipment
- Lab equipment
- Food & beverage industry
- Cleaning industry

Features

- Self priming function is available
- Dry running is acceptable
- Food grade type can be customized
- Excellent reliability
- Maintenance free
- Coreless brushless DC motor
- Inside controller type
- The motor runs low vibration and quieter than brush motor
- Spark free
- Duranble ideal lifetime 15,000 hours.

Structure



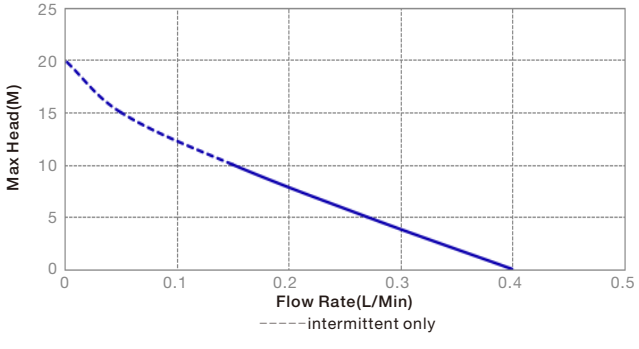
Specification

Model	Pressure Pump (Item Number)	Rated Voltage (VDC)	No Load Current (A)	Max Load Current (A)	Max Head (M)	Max Flow (L/min)	Motor Type	Lifetime (Hours)
TF30A-C	TF30A-C12-W1004	12	0.6	0.8	10	0.4	BLDC	15,000
	TF30A-C24-W1004	24	0.3	0.3	10	0.4	BLDC	15,000

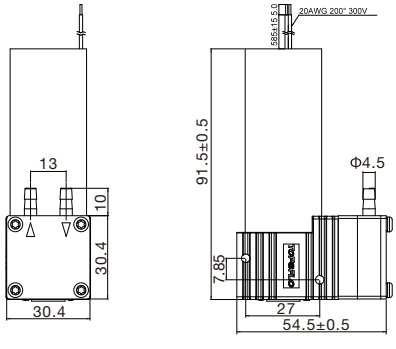
Application Conditions:
• Medium temperature: 5°C~60°C • Ambient temperature: -20°C~60°C • Humidity: 60%RH

Customization: • 5V (blue) speed control • FG (yellow) signal wire

Curve



Dimension (mm)



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TOPSFLO
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TF30A-D
Micro Diaphragm Pump

TF30A-D



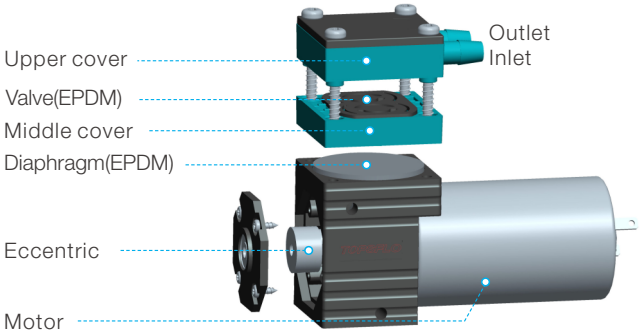
Typical Applications

- Inkjet printer
- Fireplace
- Water purifier
- Analytical instruments
- Semi-conductors
- Medical equipment
- Lab equipment
- Food & beverage industry
- Cleaning industry

Features

- Self priming function is available
- Dry running is acceptable
- Food grade type can be customized
- Excellent reliability
- Maintenance free
- Coreless brushless DC motor
- Inside controller type
- The motor runs low vibration and quieter than brush motor
- Spark free
- Duranble ideal lifetime 15,000 hours.

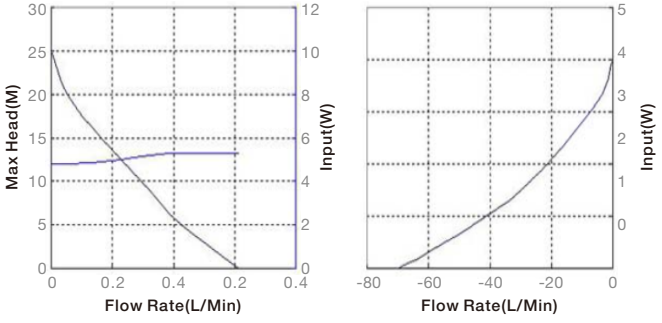
Structure



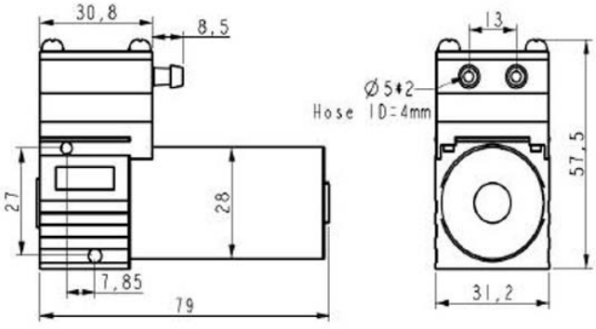
Specification

Model	Pressure Pump (Item Number)	Vacuum Pump (Item Number)	Rated Voltage (VDC)	No Load Current (A)	Max Head (M)	Max Flow (L/min)	Motor Type	Lifetime (Hours)
TF30A-D	TF30A-D12-W1004	TF30A-D12-V7004	12	0.24	10	0.4	BLDC	15,000
	TF30A-D24-W1004	TF30A-D24-V7004	24	0.15	10	0.4	BLDC	15,000

Curve



Dimension (mm)



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TOPSFLO
Excellence in Micro Pump,DC Pump

TF30B-H
Micro Diaphragm Pump

TF30B-H



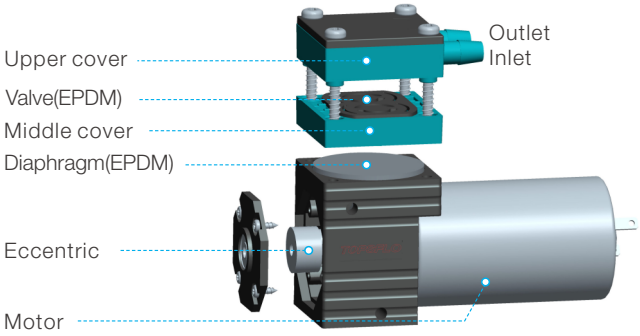
Typical Applications

- Inkjet printer
- Fireplace
- Water purifier
- Analytical instruments
- Semi-conductors
- Medical equipment
- Lab equipment
- Food & beverage industry
- Cleaning industry

Features

- Self priming function is available
- Dry running is acceptable
- Food grade type can be customized
- Excellent reliability
- Maintenance free
- Brushless DC motor
- Inside controller type
- The motor runs low vibration and quieter than brush motor
- Spark free
- Duranble ideal lifetime 15,000 hours.

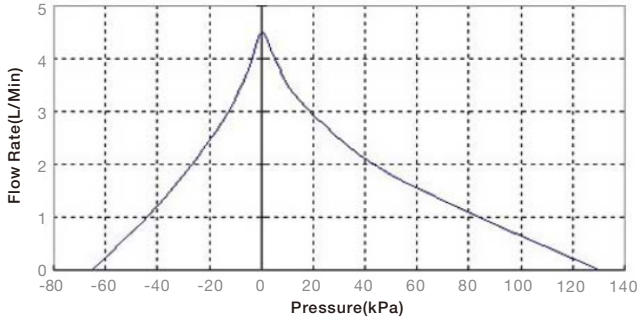
Structure



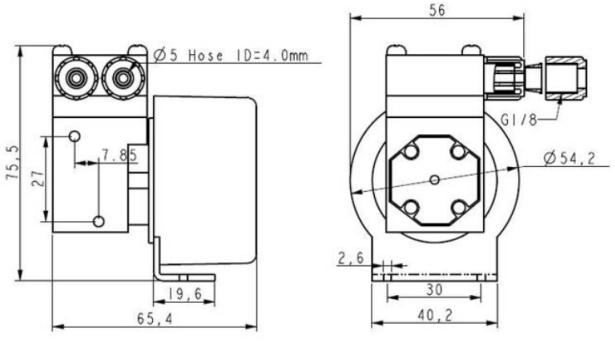
Specification

Model	Pressure Pump (Item Number)	Vacuum Pump (Item Number)	Rated Voltage (VDC)	No Load Current (A)	Max Pressure (kPa)	Max Vacuum (kPa)	Max Flow (L/min)	Motor Type	Lifetime (Hours)
TF30B-H	TM30B-H12-P13004	TM30B-H12-V6504	12	0.2	130	-65	4.5	BLDC	10,000
	TM30B-H24-P13004	TM30B-H24-V6504	24	0.2	130	-65	4.5	BLDC	10,000

Curve



Dimension (mm)



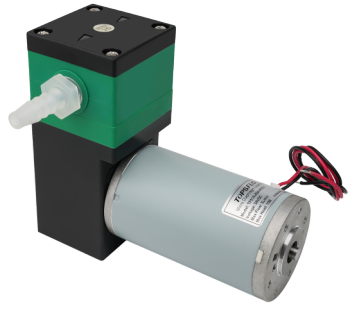
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TOPSFLO
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TF51-A
Micro Diaphragm Pump

TF51-A



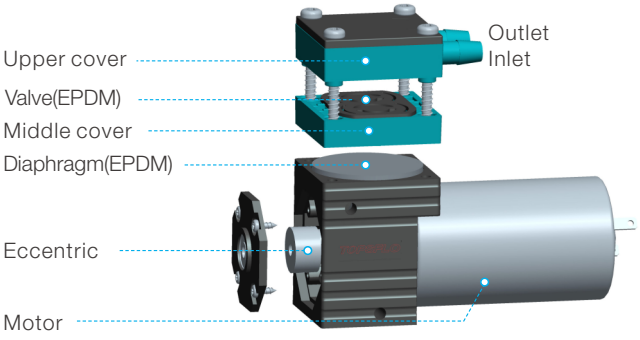
Typical Applications

- Industrial vacuum applications
- Portable Analytical Instruments
- Medical Diagnostic Equipment
- Environmental/water treatment
- Food/ toxicology
- Laboratory
- Cleaning industry
- Printing
- Fireplace

Features

- Small and powerful
- Self-priming and excellent for pressure
- Dry running, durable and maintenance free
- Lasts Reliably Longer
- Uncontaminated flow
- Little vibration
- High level of gas tightness
- Extreme chemical resistance
- Optimal solution for your application

Structure

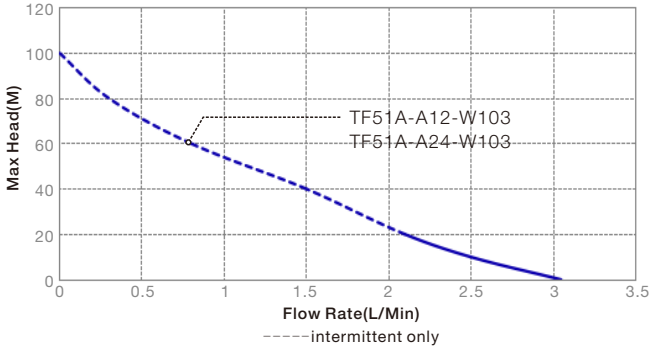


Specification

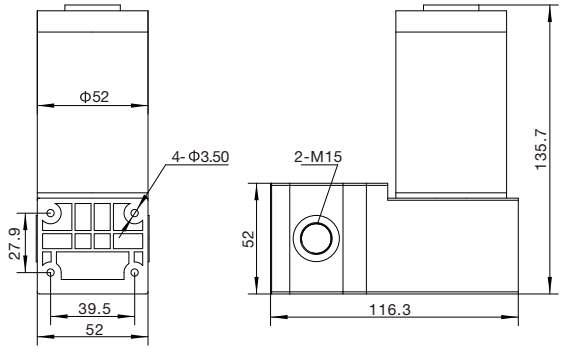
Model	Liquid Pump (Item Number)	Rated Voltage (VDC)	No Load Current (A)	Max Head (M)	Max Vacuum (KPa)	Max Flow (L/min)	Motor Type	Lifetime (Hours)
TF51A-A	TF51A-A6-W103	6	2	10	-40	3	Brush Motor	3,000
	TF51A-A12-W103	12	1	10	-40	3	Brush Motor	3,000
	TF51A-A24-W103	24	0.65	10	-40	3	Brush Motor	3,000

Application Conditions:
- Medium temperature: 5°C~60°C
- Ambient temperature: 5°C~70°C

Curve



Dimension (mm)



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