





DYISHENG Industrial Co., Ltd., established in 1986, embarked on the research, manufacturing, and design of pneumatic double diaphragm pumps in 1988. Over the years, the company has obtained EU CE certification, ATEX explosion-proof certification, and ISO9001 quality certification. With a commitment to putting quality first, prioritizing service excellence, fostering technological innovation, and upholding integrity and steadfastness, DYISHENG has been selling its products worldwide for nearly 40 years, earning recognition and praise from customers. To strengthen the brand awareness of DYISHENG and consolidate customer rights, the global sales brand "TDS-DYISHENG" was launched in 2011. The company continues its efforts to meet the diverse needs of different customers and establish a reputable brand image.

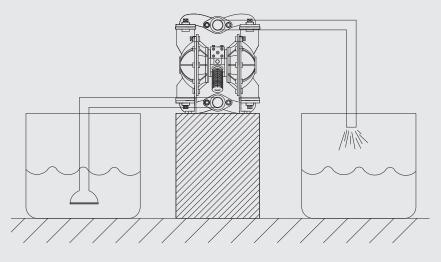
DYISHENG adheres to high standards and strict control in all product processes, conducting 100% shipment testing and manufacturing all products in Taiwan. We refrain from using cheap materials. We place great importance on customer service and feedback, continuously striving for improvement and advancement, with the primary goal of producing high-quality and durable products.

DYISHENG's pneumatic double diaphragm pumps incorporate our patented design of the best air valve. These pumps can operate with a minimum air pressure of just 0.5 Bar and have been tested to operate smoothly without any stall situation, reaching 100% efficiency in normal operating conditions. Our products possess advantages such as high safety (explosion-proof), versatility, longevity, and low maintenance costs. The pump design itself does not require complex control systems, making it widely applicable in various industries, including automation, wastewater treatment, electronics, construction, mining, shipbuilding, electroplating, chemicals, petrochemicals, food, pharmaceuticals, and more. We continuously develop and improve our products to meet the needs of a wide range of customers in different industries.

WELL KNOWN IN THE WORLD

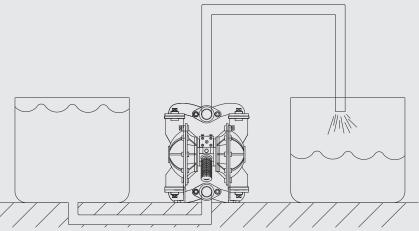


APPLICATION SCOPE



Self-Priming

When the pump is initially running dry, it is recommended that the vertical suction lift be within 4.5 meters. When the suction side is fully pipe, the maximum vertical lift can reach up to 6.7 meters. (This data is based on water at room temperature; actual conditions may vary due to the density, viscosity, and other characteristics of the fluid itself.)



Positive Pressure Suction

These pumps are widely used for the transfer and circulation of chemical storage tanks and can also be applied to remove sediment from the bottom of tanks. It is recommended that the positive pressure be less than 0.7 Bar to achieve the most efficient operation of the pump.

BENEFITS



Explosion-Proof

Can be used in flammable and explosive environments.



Chemical Resistance

Suitable for transferring corrosive fluids.



Low Shear Force

Minimal agitation to the conveyed materials, ultra-low shear force.



Dry Running Capability

Can run dry for extended periods without damaging the pump.



Accuracy

Suitable for metering, dispensing, and filling applications.



High Safety

No electricity needed, no risk of sparks, and no overheating leading to shutdowns.



No Complex Control Systems

Operates on compressed air principles, resulting in low maintenance costs.



Pumps solids-laden fluids

Can transfer fluids containing particles and high-viscosity fluids without clogging.



Lightweight and Portable

Compact size, lightweight, and easy to move

D S 03 - X X X - X X X - OX

Size	Wetted Material	Body Material	Porting Option	Diaphragm	Ball Cover	Ball	Ball Seat	Edition
03 = 3/8"	A = Aluminum Alloy S = SUS316		T = Center Horizontal D = Double In/Out	T = PTFE		\$ = SUS316		02 03



Specification (Tested with water at room temperature)

Suction/ Discharge Port Size 3/8" PT (BSP)

Air Inlet/ Exhaust Port Size 1/4" PT (BSP)

Min Air Inlet Pressure 0.5 Bar (kgf/cm²) | 7.25 psi

Max Air Inlet Pressure 8.0 Bar (kgf/cm²) | 116 psi

Best Air Inlet Pressure 1.5~3.5 Bar (kgf/cm²)

Range 21.75 psi~50.76 psi

Discharge Volume Per Cycle 110 ml/cycle

Max Solids Handling ∅ 1.5mm

Max Air Consumption 500 Liter/Per Min

17.66 SCFM

Max Wet Suction Lift 6.7 meter

Max Flow Rate 36 Liter/ Per Min

9.51 Gallon US/ Per Min

Packing Dimensions 22Lx17Wx26H(cm), 0.34Cuft

Net Weight AL: 3.5 KG | SS: 5.0 KG

Temperature Range of UPE(U): +5 to +50°C

Diaphragm PTFE(T): -10 to +100°C

DIMENSIONAL DRAWING

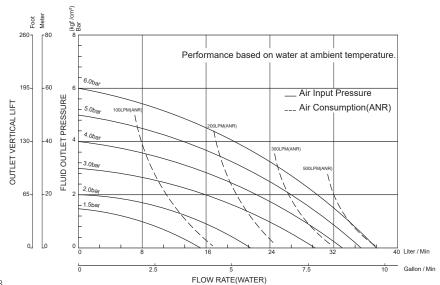


DS03-A

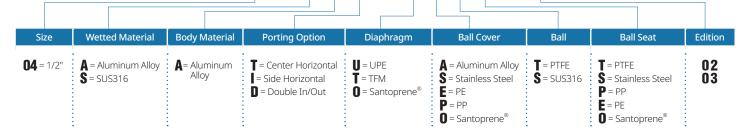


DS03-S





- (1) The performance curve was tested under the following conditions: the compressed air supply source is within 10 meters, the air supply pipe diameter is not smaller than the pump's air inlet specification, the vertical lift at the fluid suction end is approximately 0.5 meters, and the horizontal lift at the outlet end is approximately 1 meter.
- (2) The actual output flow rate and pressure values may be affected by factors such as fluid density, viscosity, pipe resistance, pipe diameter, valves, distance from the compressed air source, and the specifications of the air compressor.





Specification (Tested with water at room temperature)

Suction/ Discharge Port Size 1/2" PT (BSP)

Air Inlet/ Exhaust Port Size 1/4" PT (BSP)

Min Air Inlet Pressure 0.5 Bar (kgf/cm²) | 7.25 psi

Max Air Inlet Pressure 8.0 Bar (kgf/cm²) | 116 psi

Best Air Inlet Pressure 1.5~3.5 Bar (kgf/cm²)

Range 21.75 psi~50.76 psi

Discharge Volume Per Cycle 150 ml/cycle

Max Solids Handling ∅ 2mm

550 Liter/Per Min **Max Air Consumption**

19.42 SCFM

Max Wet Suction Lift 6.7 meter

48 Liter/ Per Min Max Flow Rate

12.68 Gallon US/ Per Min

Packing Dimensions 26Lx21Wx29H(cm), 0.56Cuft

Net Weight AL: 4.5 KG | SS: 7.0 KG

Temperature Range of

UPE(U): +5 to +50°C TFM (T): -30 to +130°C Diaphragm

Santoprene®(O): 0 to +80°C

DIMENSIONAL

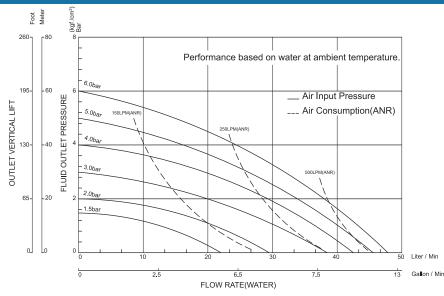


DS04-A



DS04-S





- (1) The performance curve was tested under the following conditions: the compressed air supply source is within 10 meters, the air supply pipe diameter is not smaller than the pump's air inlet specification, the vertical lift at the fluid suction end is approximately 0.5 meters, and the horizontal lift at the outlet end is approximately 1 meter.
- (2) The actual output flow rate and pressure values may be affected by factors such as fluid density, viscosity, pipe resistance, pipe diameter, valves, distance from the compressed air source, and the specifications of the air compressor.

Size	Wetted Material	Body Material	Porting Option	Diaphragm	Ball Cover	Ball	Ball Seat	Edition
06 = 3/4"	A = Aluminum Alloy S = SUS316		T = Center Horizontal D = Double In/Out	T = TFM 0 = Santoprene [®]	A = Aluminum Alloy S = Stainless Steel P = PP O = Santoprene®	\$ = SUS316		02



DIMENSIONAL



DS06-A



DS06-S



Specification (Tested with water at room temperature)

Suction/ Discharge Port Size 3/4" PT (BSP)

Air Inlet/ Exhaust Port Size 1/4" PT (BSP) Exhaust 3/8"PT(BSP)

Min Air Inlet Pressure 0.5 Bar (kgf/cm²) | 7.25 psi

Max Air Inlet Pressure 8.0 Bar (kgf/cm²) | 116 psi

Best Air Inlet Pressure 1.5~3.5 Bar (kgf/cm²)

Range 21.75 psi~50.76 psi

Discharge Volume Per Cycle 310 ml/cycle

Max Solids Handling ∅ 2.4mm

750 Liter/Per Min **Max Air Consumption**

26.49 SCFM

Max Wet Suction Lift 6.7 meter

85 Liter/ Per Min Max Flow Rate

22.45 Gallon US/ Per Min

Packing Dimensions 26Lx24Wx35H(cm), 0.77Cuft

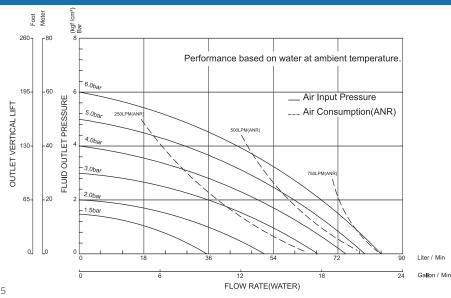
Net Weight AL: 6.5 KG | SS: 11.5 KG

Temperature Range of

Diaphragm

UPE(U): +5 to +50°C TFM (T): -30 to +130°C

Santoprene®(O): 0 to +80°C



- (1) The performance curve was tested under the following conditions: the compressed air supply source is within 10 meters, the air supply pipe diameter is not smaller than the pump's air inlet specification, the vertical lift at the fluid suction end is approximately 0.5 meters, and the horizontal lift at the outlet end is approximately 1 meter.
- (2) The actual output flow rate and pressure values may be affected by factors such as fluid density, viscosity, pipe resistance, pipe diameter, valves, distance from the compressed air source, and the specifications of the air compressor.

METAL SERIES

DS10 | Pneumatic Dyl SHENG

Size	: Wetted Material	Body Material	Porting Option	Diaphragm	Ball Cover	Ball	Ball Seat	Edition
10=		. ==	• =	T = TFM 0 = Santoprene [®]	Alloy S = Stainless Steel P = PP U = TPU	 \$ = SUS316 0 = Santoprene B = Bakelite C = Chromium 	T = PTFE S = Stainless Steel O = Santoprene® H = Hard Stainless Steel U = TPU	02 03



Specification (Tested with water at room temperature)

Suction/ Discharge Port Size 1" PT (BSP)

Air Inlet/ Exhaust Port Size 3/8" PT (BSP)

Min Air Inlet Pressure 1.2 Bar (kgf/cm²) | 17.4 psi

Max Air Inlet Pressure 8.0 Bar (kgf/cm²) | 116 psi

Best Air Inlet Pressure 1.5~3.5 Bar (kgf/cm²)

Range 21.75 psi~50.76 psi

Discharge Volume Per Cycle 900 ml/cycle

Max Solids Handling ∅ 3mm

1300 Liter/Per Min Max Air Consumption

45.91 SCFM

Max Wet Suction Lift 6.7 meter

130 Liter/ Per Min Max Flow Rate

34.34 Gallon US/ Per Min

Packing Dimensions 28Lx26Wx39H(cm), 1.0Cuft

Net Weight AL: 9.5 KG | SS: 15.0 KG

Temperature Range of

UPE(U): +5 to +50°C TFM (T): -30 to +130°C Diaphragm

Santoprene®(O): 0 to +80°C

DIMENSIONAL

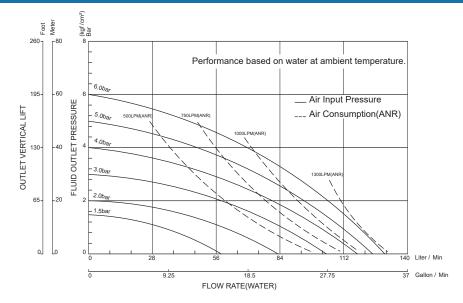


DS10-A



DS10-S





- (1) The performance curve was tested under the following conditions: the compressed air supply source is within 10 meters, the air supply pipe diameter is not smaller than the pump's air inlet specification, the vertical lift at the fluid suction end is approximately 1 meters, and the horizontal lift at the outlet end is approximately 1.5 meter.
- (2) The actual output flow rate and pressure values may be affected by factors such as fluid density, viscosity, pipe resistance, pipe diameter, valves, distance from the compressed air source, and the specifications of the air compressor.

DIMENSIONAL

Wetted Material **Body Material Ball Seat** Edition **Porting Option** Diaphragm **Ball Cover** Ball A= Aluminum = Aluminum Alloy 14= 1-1/2" **A** = Aluminum **T** = Center Horizontal U= UPE T = PTFE = PTFE 01 Alloy T = TFM **\$** = Stainless Steel **S** = SUS316 **S** = Stainless Steel 02 Alloy = Side Horizontal S = SUS316 1 = Double In/Out 0 = Santoprene® P = PP **B** = Bakelite P = PP 0 = Santoprene® **C** = Chromium 0 = Santoprene®



DS14-A

Specification (Tested with water at room temperature)

Suction/ Discharge Port Size 1-1/2" PT (BSP)

Inlet 1/2" PT (BSP) Air Inlet/ Exhaust Port Size Exhaust 1" PT(BSP)

Min Air Inlet Pressure 1.2 Bar (kgf/cm²) | 17.4 psi

Max Air Inlet Pressure 8.0 Bar (kgf/cm²) | 116 psi

Best Air Inlet Pressure 1.5~3.5 Bar (kgf/cm²)

Range 21.75 psi~50.76 psi

Edition01 | 2850 ml/cycle Discharge Volume Per Cycle Edition02 | 2250 ml/cycle

Max Solids Handling ∅ 4.5mm

2300 Liter/Per Min **Max Air Consumption**

81.22 SCFM

Max Wet Suction Lift 6.7 meter

310 Liter/ Per Min **Max Flow Rate**

81.89 Gallon US/ Per Min

Packing Dimensions 38Lx29Wx50H(cm), 1.95Cuft

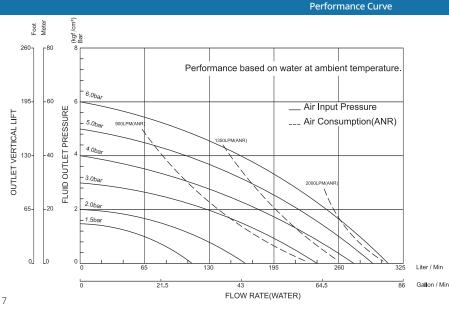
Net Weight AL: 19.0 KG/SS: 34.5 KG

Temperature Range of Diaphragm

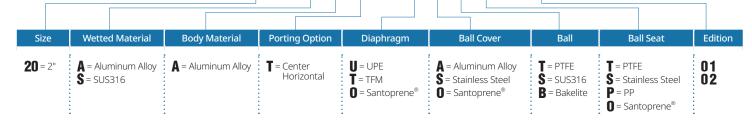
UPE(U): +5 to +50°C TFM (T): -30 to +130°C Santoprene®(O): 0 to +80°C

Performance Curve

DS14-S



- (1) The performance curve was tested under the following conditions: the compressed air supply source is within 10 meters, the air supply pipe diameter is not smaller than the pump's air inlet specification, the vertical lift at the fluid suction end is approximately 1 meters, and the horizontal lift at the outlet end is approximately 1.5 meter.
- (2) The actual output flow rate and pressure values may be affected by factors such as fluid density, viscosity, pipe resistance, pipe diameter, valves, distance from the compressed air source, and the specifications of the air compressor.





DS20-A

DIMENSIONAL

Specification (Tested with water at room temperature)

Suction/ Discharge Port Size 2" PT (BSP)

Inlet 1/2" PT (BSP) Air Inlet/ Exhaust Port Size Exhaust 1" PT(BSP)

Min Air Inlet Pressure 1.2 Bar (kgf/cm²) | 17.4 psi

Max Air Inlet Pressure 8.0 Bar (kgf/cm²) | 116 psi

Best Air Inlet Pressure 1.5~3.5 Bar (kgf/cm²)

Range 21.75 psi~50.76 psi

Edition01 | 4600 ml/cycle Discharge Volume Per Cycle

Edition02 | 3400 ml/cycle

Max Solids Handling ∅ 6.5mm

2500 Liter/Per Min **Max Air Consumption**

88.29 SCFM

Max Wet Suction Lift 6.7 meter

380 Liter/ Per Min Max Flow Rate

100.39 Gallon US/ Per Min

Packing Dimensions 45Lx36Wx57H(cm), 3.26Cuft

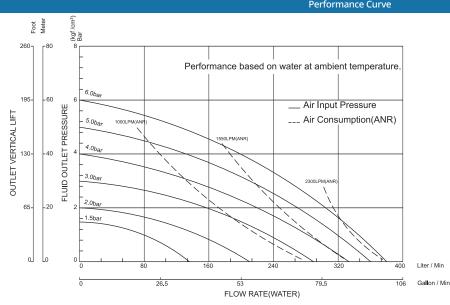
Net Weight AL: 31.0 KG | SS: 53.0 KG

Temperature Range of Diaphragm

UPE(U): +5 to +50°C TFM (T): -30 to +130°C Santoprene®(O): 0 to +80°C

Performance Curve

DS20-S



- (1) The performance curve was tested under the following conditions: the compressed air supply source is within 10 meters, the air supply pipe diameter is not smaller than the pump's air inlet specification, the vertical lift at the fluid suction end is approximately 1 meters, and the horizontal lift at the outlet end is approximately 1.5 meter.
- (2) The actual output flow rate and pressure values may be affected by factors such as fluid density, viscosity, pipe resistance, pipe diameter, valves, distance from the compressed air source, and the specifications of the air compressor.

PLASTIC SERIES

Size	Wetted Material	Body Material	Porting Option	Diaphragm	Ball Cover	Ball	Ball Seat	Edition
02 = 1/4"	P = Polypropylene (PPG)	P = Polypropylene (PPG)		T = PTFE 0 = Santoprene [®]		T = PTFE	P = PP	03
		•	•		•	•	E =PE	



DIMENSIONAL



Specification (Tested with water at room temperature)

Suction/ Discharge Port Size 1/4" PT (BSP)

Air Inlet/ Exhaust Port Size 1/4" PT (BSP)

Min Air Inlet Pressure 0.8 Bar (kgf / cm²) | 11.6 psi

Max Air Inlet Pressure 7.0 Bar (kgf / cm²) | 101.5 psi

Best Air Inlet Pressure 1.5~3.5 Bar (kgf/cm²)

Range 21.75 psi~50.76 psi

Discharge Volume Per Cycle 50 ml/cycle

Max Solids Handling ∅ 1mm

370 Liter/Per Min Max Air Consumption 13.07 SCFM

Max Wet Suction Lift 6.7 meter

Max Flow Rate 3.70 Gallon US/ Per Min 14 Liter/ Per Min

Packing Dimensions 23.5Lx16.5Wx17H(cm), 0.23Cuft

Net Weight 1.3 KG

Temperature Range of

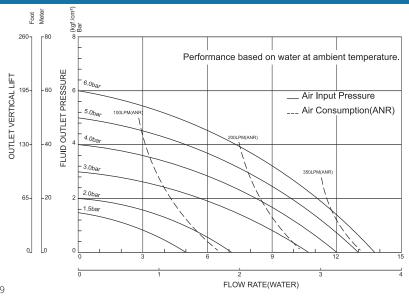
Gallon / Min

Wetted Material

Polypropylene(P): 0 to +80°C

Temperature Range of PTFE(T): -10 to +100°C

Diaphragm Santoprene®(O): 0 to +80°C



- (1) The performance curve was tested under the following conditions: the compressed air supply source is within 10 meters, the air supply pipe diameter is not smaller than the pump's air inlet specification, the vertical lift at the fluid suction end is approximately 0.5 meters, and the horizontal lift at the outlet end is approximately 1 meter.
- (2) The actual output flow rate and pressure values may be affected by factors such as fluid density, viscosity, pipe resistance, pipe diameter, valves, distance from the compressed air source, and the specifications of the air compressor.

Size	Wetted Material	Body Material	Porting Option	Diaphragm	Ball Cover	Ball	Ball Seat	Edition
04 = 1/2"	P = Polypropylene (PPG)	A= Aluminum Alloy		T = PTFE 0 = Santoprene [®]		•	T = PTFE P = PP E = PE	02 03



DIMENSIONAL



Specification (Tested with water at room temperature)

Suction/ Discharge Port Size 1/2" PT (BSP)

Air Inlet/ Exhaust Port Size 1/4" PT (BSP)

Min Air Inlet Pressure 0.8 Bar (kgf/cm²) | 11.6 psi

Max Air Inlet Pressure 7.0 Bar (kgf/cm²) | 101.5 psi

Best Air Inlet Pressure 1.5~3.5 Bar (kgf/cm²)

Range 21.75 psi~50.76 psi

Discharge Volume Per Cycle 140 ml/cycle

Max Solids Handling ∅ 2mm

530 Liter/Per Min **Max Air Consumption**

18.72 SCFM

Max Wet Suction Lift 6.7 meter

46 Liter/ Per Min Max Flow Rate

12.16 Gallon US/ Per Min

Packing Dimensions 29Lx20Wx30H(cm), 0.62Cuft

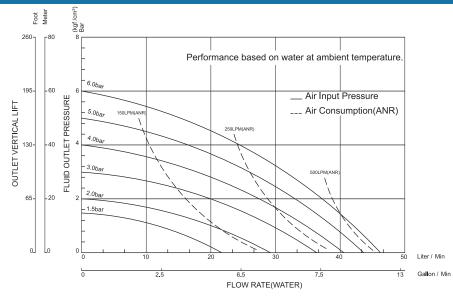
Net Weight 4.0 KG

Temperature Range of Polypropylene(P): 0 to +80°C

Wetted Material

Temperature Range of TFM (T): -60 to 130°C

Diaphragm Santoprene®(O): -10 to 80°C



- (1) The performance curve was tested under the following conditions: the compressed air supply source is within 10 meters, the air supply pipe diameter is not smaller than the pump's air inlet specification, the vertical lift at the fluid suction end is approximately 0.5 meters, and the horizontal lift at the outlet end is approximately 1 meter.
- (2) The actual output flow rate and pressure values may be affected by factors such as fluid density, viscosity, pipe resistance, pipe diameter, valves, distance from the compressed air source, and the specifications of the air compressor.

DS10 | Pneumatic | Diaphragm Pump

PLASTIC SERIES

Size	Wetted Material	Body Material	Porting Option	Diaphragm	Ball Cover	Ball	Ball Seat	Edition
10 =1"	P = Polypropylene (PPG)		F = Center JIS Flange		P = PP E = PE	T = PTFE	T = PTFE P = PP E = PE	02





DIMENSIONAL



Specification (Tested with water at room temperature)

L: ANSI 150R.F. Ø 110m/m Suction/ Discharge Port Size F: |IS B 2211-1977 | 5kg/cm²

Air Inlet/ Exhaust Port Size 3/8" PT(BSP)

Min Air Inlet Pressure 1.2 Bar (kgf/cm²) | 17.4 psi

Max Air Inlet Pressure 7.0 Bar (kgf/cm²) | 101.5 psi

Best Air Inlet Pressure 1.5~3.5 Bar (kgf/cm²)

Range 21.75 psi~50.76 psi

Discharge Volume Per Cycle 900ml/cycle

Max Solids Handling Ø 3mm

Max Air Consumption 44.14 SCFM 1250 Liter/Per Min

Max Wet Suction Lift 6.7 meter

120 Liter/Per Min Max Flow Rate

31.7 Gallon US/Per Min

L:35Lx25Wx50H(cm) | 1.54Cuft **Packing Dimensions**

F:32Lx25Wx41H(cm) | 1.27Cuft

Net Weight 8.5 KG

Temperature Range of

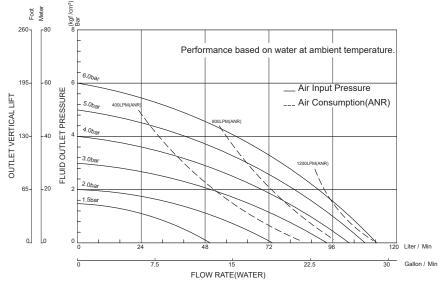
Wetted Material

Polypropylene(P): 0 to +80°C

Temperature Range of Diaphragm

UPE(U): +5 to +50°C TFM (T): -30 to +130°C

Santoprene®(O): 0 to +80°C



- (1) The performance curve was tested under the following conditions: the compressed air supply source is within 10 meters, the air supply pipe diameter is not smaller than the pump's air inlet specification, the vertical lift at the fluid suction end is approximately 1 meters, and the horizontal lift at the outlet end is approximately 1.5 meter.
- (2) The actual output flow rate and pressure values may be affected by factors such as fluid density, viscosity, pipe resistance, pipe diameter, valves, distance from the compressed air source, and the specifications of the air compressor.

PLASTIC SERIES

DS10 | Pneumatic DY SHENG

Size	Wetted Material	Body Material	Porting Option	Diaphragm	Ball Cover	Ball	Ball Seat	Edition
10 =1"	P = Polypropylene (PPG)		F = Center JIS Flange		P = PP E = PE	T = PTFE	T = PTFE P = PP E = PE	03





DIMENSIONAL



Specification (Tested with water at room temperature)

L: ANSI 150R.F. Ø 110m/m Suction/ Discharge Port Size F: |IS B 2211-1977 | 5kg/cm²

Air Inlet/ Exhaust Port Size Inlet 3/8" PT (BSP) | Exhaust 1/2" PT(BSP)

Min Air Inlet Pressure 1.2 Bar (kgf/cm²) | 17.4 psi

Max Air Inlet Pressure 7 Bar (kgf/cm²) | 101.5 psi

Best Air Inlet Pressure 1.5~3.5 Bar (kgf/cm²) Range 21.75 psi~50.76 psi

Discharge Volume Per Cycle 650 ml/cycle

Max Solids Handling Ø 3mm

Max Air Consumption 1150 Liter/Per Min 40.61 SCFM

Max Wet Suction Lift 6.7 meter

110 Liter/Per Min Max Flow Rate 29.06 Gallon US/Per Min

Packing Dimensions L: 35Lx25Wx50H(cm) | 1.54Cuft F: 32Lx25Wx41H(cm) | 1.27Cuft

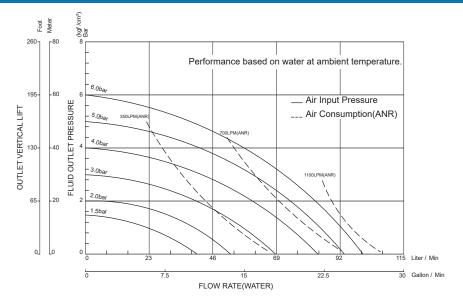
Net Weight 7.5 KG

Temperature Range of **Wetted Material**

Polypropylene(P): 0 to +80°C

Temperature Range of Diaphragm

UPE(U): +5 to +50°C TFM (T): -30 to +130°C Santoprene®(O): 0 to +80°C



- (1) The performance curve was tested under the following conditions: the compressed air supply source is within 10 meters, the air supply pipe diameter is not smaller than the pump's air inlet specification, the vertical lift at the fluid suction end is approximately 1 meters, and the horizontal lift at the outlet end is approximately 1.5 meter.
- (2) The actual output flow rate and pressure values may be affected by factors such as fluid density, viscosity, pipe resistance, pipe diameter, valves, distance from the compressed air source, and the specifications of the air compressor.

Easy Coating Transport Set

COATING TRANSPORT SET



D S P X X	- A N	A - 0	X	
Size	Contents		Edition	
UT "= :	ragm Pump + Sing sure Storage Tank se + Suction cup fi	+ Feed and return	. UL	
Port Size	3/8"	1/2"	3/4"	
Wetted Material	AL	AL	AL	
Pressure Storage Tank	Cylinder	Cylinder	Cylinder	
Pressure Storage Tank Size	Ø 63xH153 m/m	Ø 63xH153 m/m	Ø 100xH153 m/m	
Feed and return hose Material	PE	PE	NBR	
Suction cup filter size	8.5cm	8.5cm	8.5cm	
Suction cup filter material	AL	AL	AL	
Screen Filter Material	60 Mesh/SUS	60 Mesh/SUS	60 Mesh/SUS	
Pump stand	0	0	0	
Max Flow Rate	18LPM	28LPM	55LPM	
Easy Coating Transport Set is suitable for general paint transfer. The pressure storage tank itself has the				

function of stabilizing discharge pressure. The feed and return hoses are compatible with most solvents and paints without deterioration. The screen filter can filter particles and impurities with a diameter of 0.1 mm.

Some components can also be customized according to customer requirements.

DYI SHENG

Advanced Coating Transport Set

COATING TRANSPORT SET



D S F	XX - A O B R F G	O X
Size	Contents	Edition
03 = 3/8" 04 = 1/2"	Air-Operated Diaphragm Pump + F.R.L. + Pressure Storage Tank + Fluid Pressure Regulator + Low- pressure paint filter + Feed and return hose + Suction cup filter + Pump Stand	02 03

Port Size	3/8"	1/2"
Fluid Pressure Regulator Material	AL	AL
Pressure Storage Tank	Ellipse	Ellipse
Pressure Storage Tank Size	Ø 75xH130m/m	Ø 75xH130m/m
Feed and return hose Material	PE	PE
Suction cup filter size	8.5cm	8.5cm
Suction cup filter material	AL	AL
Screen Filter Material	60 Mesh/SUS	60 Mesh/SUS
Pump stand	0	0
Max Flow Rate	15LPM	25LPM

Advanced Coating Transport Set, in addition to the advantages of the basic type, offers more stable discharge, better filtration efficiency, and more consistent pump performance. Some components can also be customized according to customer requirements.

AODD Pump Chemical Compatibility Chart

Diaphragm Wetted Material	UPE	PTFE/TFM	Santoprene [®]
Aluminum Alloy	 Hexanol · Toluene Butane · Motor Oil Glycerol · Gear Oil Paint · Diesel Oil Ink · Gasoline Ethylene Glycol Acetaldehyde Mineral Oil Propyl Alcohol Cutting Fluid 	 Xylene Ethyl Acetate Grease Tannic Acid Heavy Oil Acetone Organic Solvent Asphalt Hydrogen Peroxide Kerosine Methyl Butyl Ketone High Temperature Neutral Liquid 	 Sludge Glue Hydraulic Oil Resin Release Agent Methanol Turbine Oil Neutral Sewage Electric Discharge Machining Oil (EDM Oil)
Stainless Steel (SUS316)	EnzymeWastewaterButanediolCarbonic AcidSodium NitrateAlpha Hydroxy Acids	• Jam • Essential Oil • Juice • Ethyl Ether • Edible Oil • Acetic Acid • Rosin Oil • Sulfuric Acid (70%↑) • Detergent • Sodium Hydroxide • Nitric Acid • Electroplating Solution • High Temperature Sauce	Swill Cream Glaze Clay Slip Defoaming Agent Neutral Metal Scrap Spent Fluid
Polypropylene (PPG)		•Yeast •Palmitic Acid •Ethane •Chromic Acid •Propane •Phosphoric Acid •Chloroform •Hydrochloric Acid •Lactic Acid •Sodium Hydroxide •Sodium Hypochlorite •Dilute Sulfuric Acid (70%)	Vinegar Sea Water Citric Acid Boric Acid Lime Water Sodium Bicarbonate Ethanol/ Ethyl Alcohol Ethanolic acid Ammonia Water Propylene Glycol Sodium Carbonate Sodium Carbonate Ethanol/ Ethyl Alcohol

Note:

- 1. PPG refers to polypropylene reinforced with glass fibers.
- 2. The compatibility table lists only some commonly used fluids. For more information, scan the QR code on the right.
- 3. The compatibility table is for reference only. Fluids may have different effects due to variations in temperature, concentration, pressure, and other conditions.
- 4. It is recommended to contact our sales department to confirm the appropriate specifications and materials before purchasing.



Applications

- Chemical Processing
- Water & Wastewater
- Oil And Gas
- Paints And Coatings
- Mining Applications
- Ceramics Industry
- Beer And Wine
- Electronics Industry
- Cosmetics & Pharmaceuticals
- Metal CNC Processing Industry
- Lubrication & Machinery
- Metal Forging Industry
- Metal Surface Treatment Industry







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