

AIR-OPERATED DIAPHRAGM PUMP

STLONG®

TW Series Air-operated Diaphragm Pumps are built with the highest quality precision parts. They last a long time even when used with abrasive fluids and they cost less than competitive pumps. It is an easy, hands-off solution to your fluid handling needs.

Features

Easy installation

- Rugged, cast feet mounting holes keep your pump from vibrating.
- Available in cover-mounted, pail-mounted or wall-mounted units.
- Immersible in most solutions.

Easy to adapt

- Variety of construction materials for greater fluid versatility and extended pump life.
- Air-powered convenience for use in a variety of installations with no electrical hazard
- Performs on-demand in remote locations
- Extremely portable for multi-location use
- Pumps move a wide variety of coatings, solvents, low viscosity sealants and adhesives, ink and more

Easy to maintain

- Seal-less, leak-proof design prevents fluid waste and mess
- Even in wet air, stainless steel diaphragm rod air motor is designed for long life and corrosion resistance

Easy to operate

- Pumps reduce or eliminate manual filling and transport
- Reduces the risk of hazardous spills and exposure
- No hand contact with fluid
- Multiple dispense points throughout your plant can easily be served
- Can run dry without pump damage
- No air lubrication necessary

Applications

- Drum fluid transfer and evacuation
- Circulation systems
- Waste fluid removal
- Fluid circulation and evacuation
- On-demand batch chemical metering
- Low viscosity adhesive supply
- Ground water monitoring and sump evacuation
- Flexographic inks
- Oil evacuation and transfer
- Chemical injection and evacuation
- Ceramic glaze supply
- Bulk fluid supply
- Unloading fluids
- Tank service
- Central supply or evacuation systems
- Slurry and sludge transfer
- Machine coolants transfer
- General utility purposes
- De-watering
- Acids, caustics or abrasive fluid handling



THONG FATT JAYA MACHINERY HARDWARE SDN. BHD.

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AIR-OPERATED DIAPHRAGM PUMP

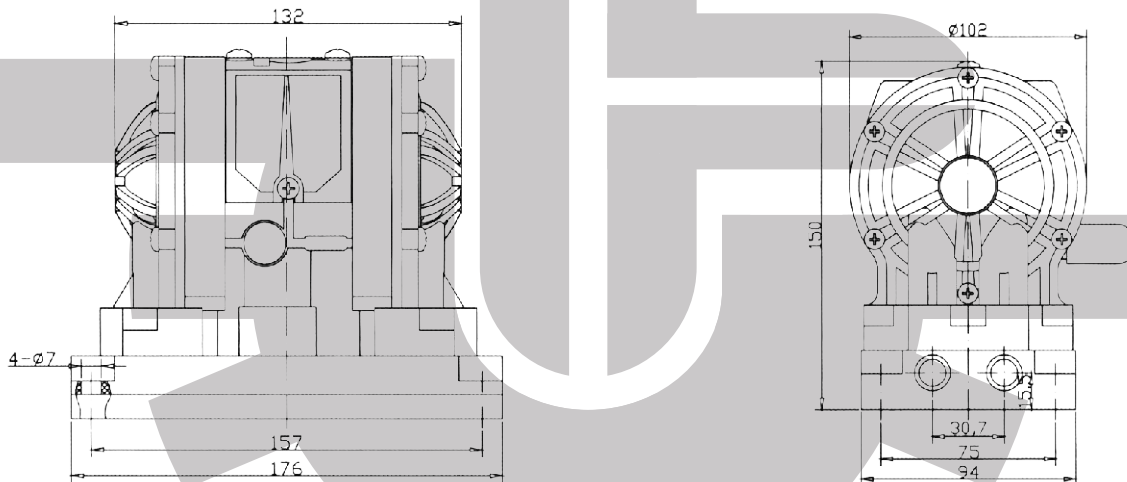


TW06

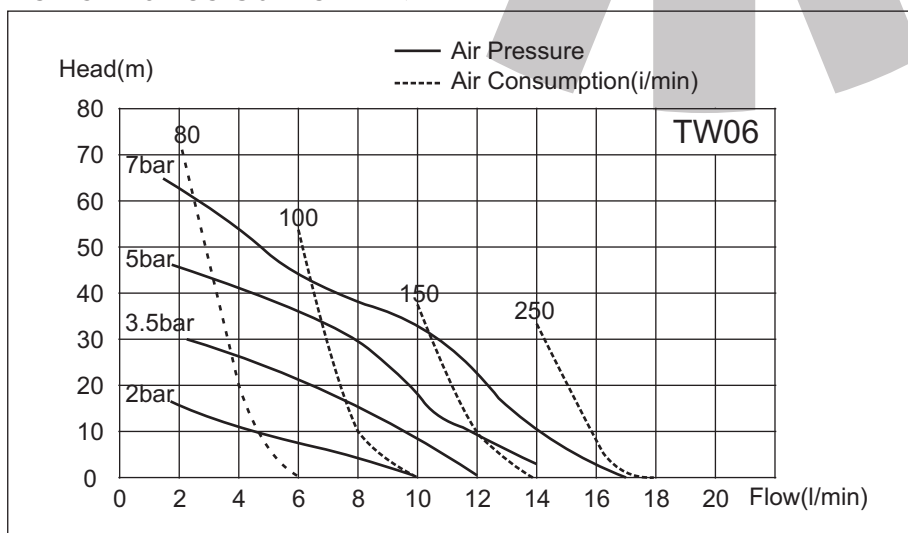
Specification

Type	TW06
Suction Size	1/4in
Discharge Size	1/4in
Air Inlet Size	1/4in
Suction Lift	3m
Max. Air Pressure	7bar
Max. Flow	17 l/min
Max. Head	70m
Max. Grain Diameter	0.5mm
Weight	1.1-1.5kg
Materiel of main structure	
PP, Acetal, PVDF	
*The material of main structure is a little different	
Installation Size: 158mm x 75mm	

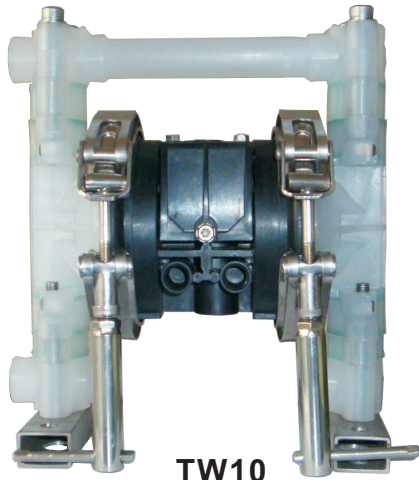
Dimensions for PP Material



Performance Curve



AIR-OPERATED DIAPHRAGM PUMP

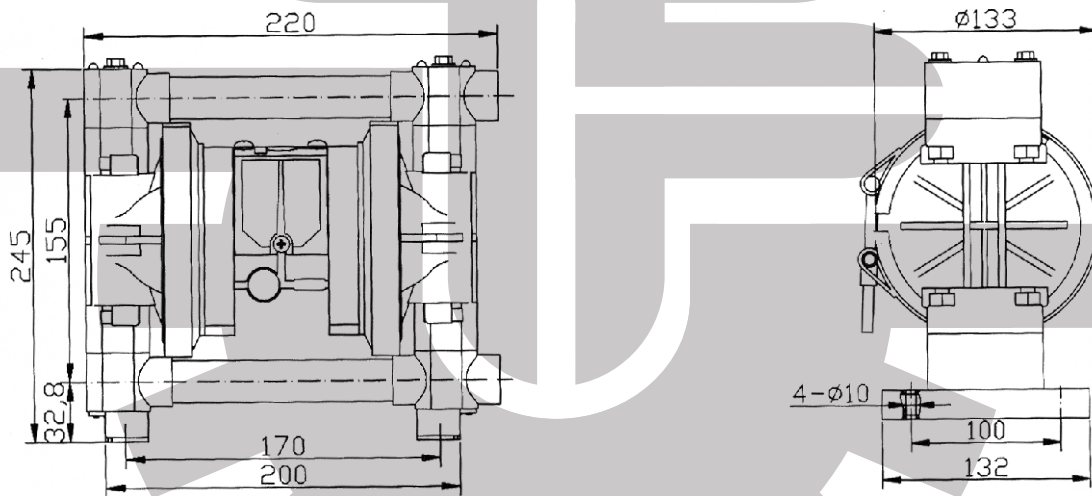


TW10

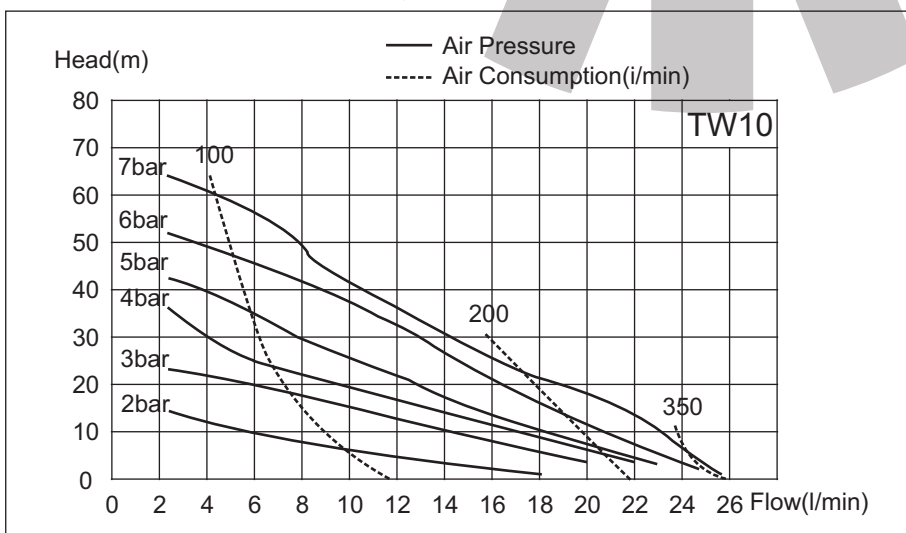
Specification

Type	TW10
Suction Size	3/8in
Discharge Size	3/8in
Air Inlet Size	1/4in
Suction Lift	3m
Max. Air Pressure	7bar
Max. Flow	26 l/min
Max. Head	70m
Max. Grain Diameter	1.5mm
Weight	2.5-2.7kg
Materiel of main structure	
PP, Acetal, PVDF	
*The material of main structure is a little different	
Installation Size: 170mm x 88mm	

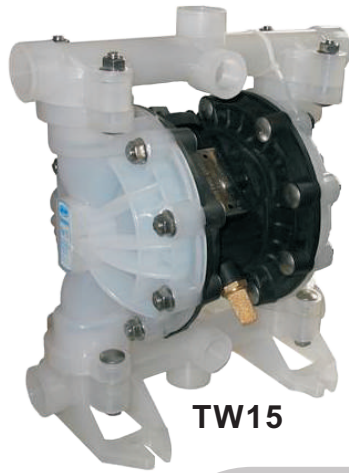
Dimensions for PP Material



Performance Curve



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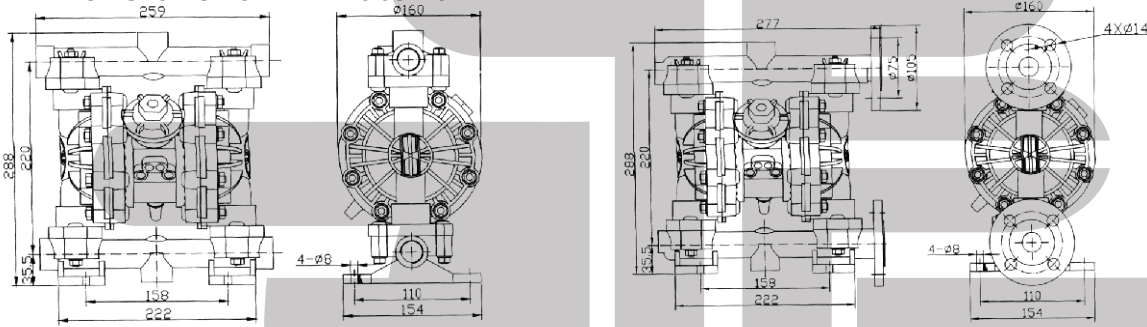


TW15

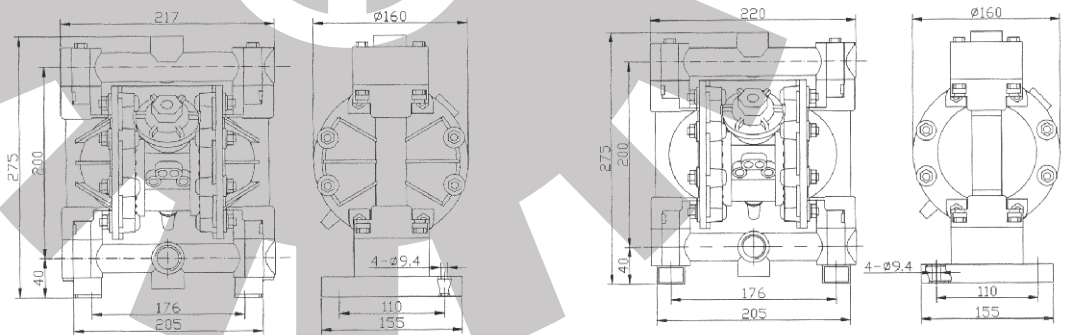
Specification

Type	TW15
Suction Size	20mm
Discharge Size	20mm
Air Inlet Size	1/4in
Suction Lift	4m
Max. Air Pressure	7bar
Max. Flow	50 l/min
Max. Head	70m
Max. Grain Diameter	2.5mm
Weight	2.7-3.7kg
Materiel of main structure	
PP, Acetal, PVDF, AL, SST	
*The material of main structure is a little different	
Installation Size: 158mm x 110mm	

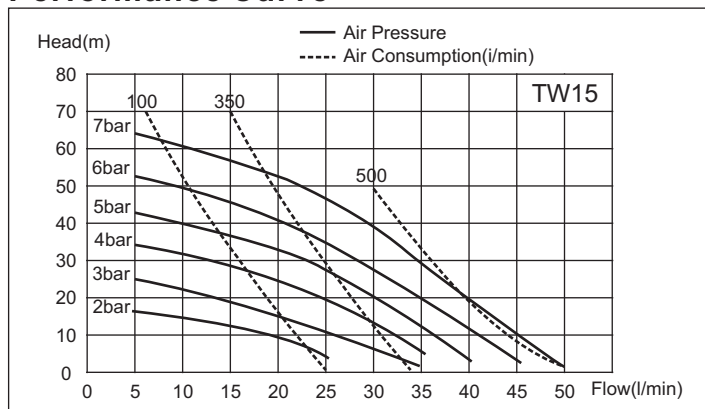
Dimensions for PP Material



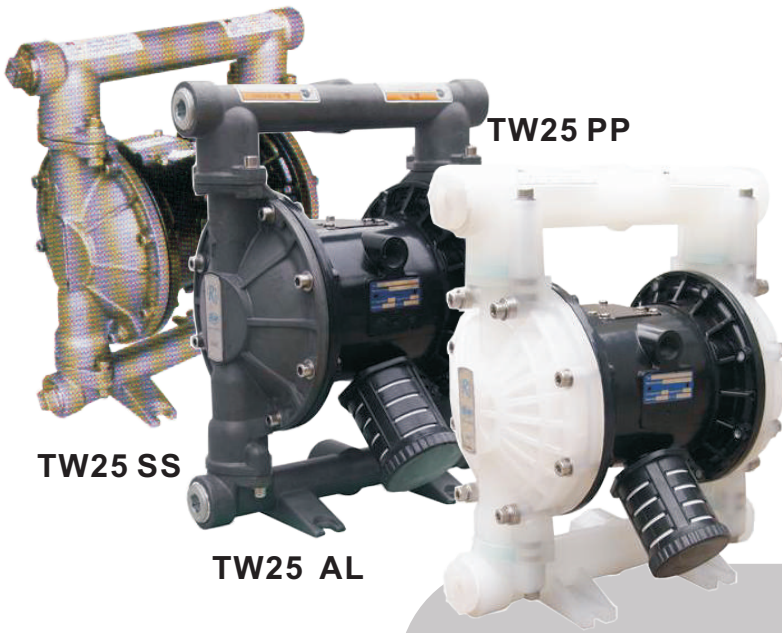
Dimensions for Metal Material



Performance Curve



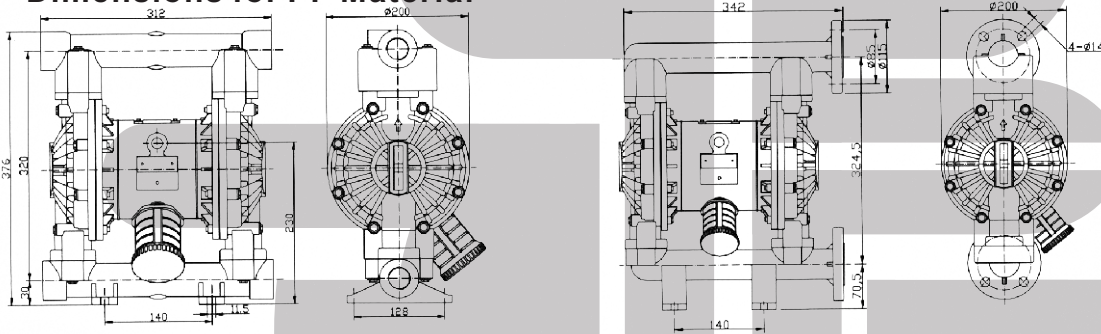
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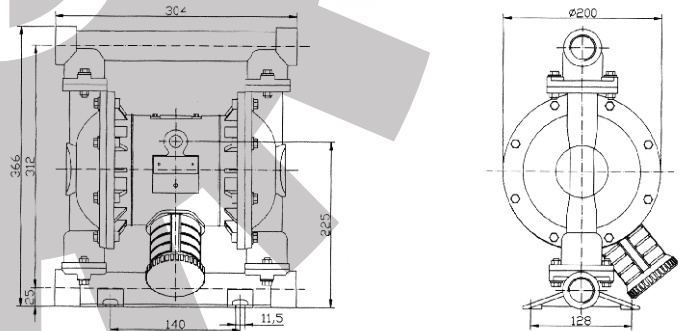
Specification

Type	TW25
Suction Size	1in
Discharge Size	1in
Air Inlet Size	1/2in
Suction Lift	5m
Max. Air Pressure	7bar
Max. Flow	150 l/min
Max. Head	70m
Max. Grain Diameter	4mm
Weight	8.2-15kg
Materiel of main structure	
PP, Acetal, PVDF, SST, AL	
*The material of main structure is a little different	
Installation Size: 140mm x 128mm	

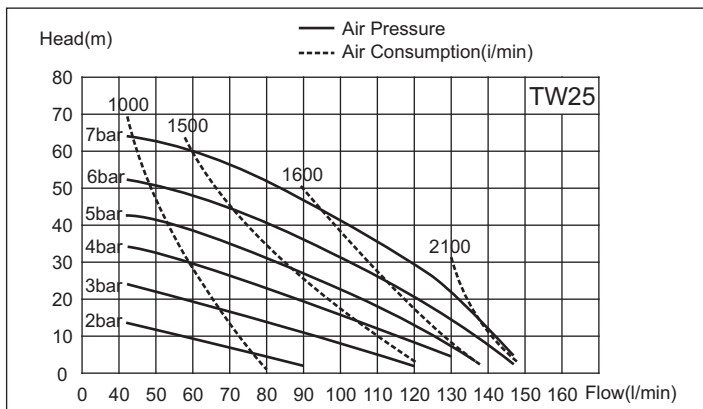
Dimensions for PP Material



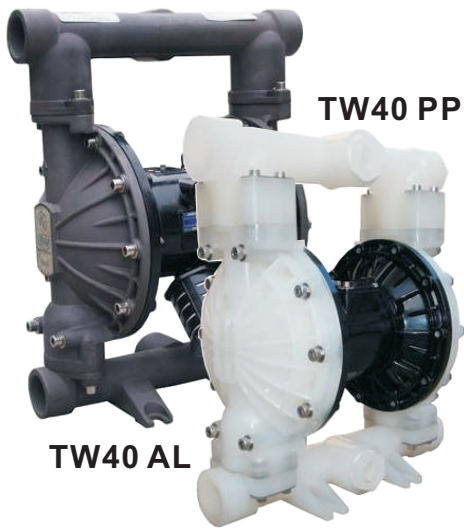
Dimensions for Metal Material



Performance Curve



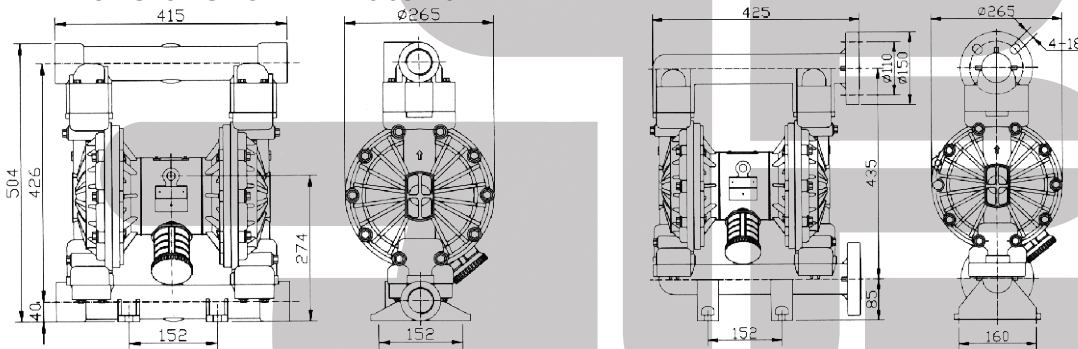
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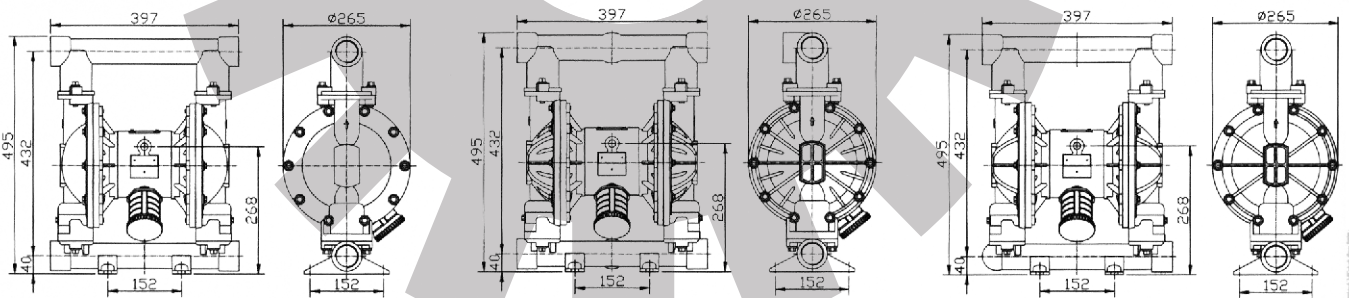
Specification

Type	TW40
Suction Size	1 1/2in
Discharge Size	1 1/2in
Air Inlet Size	1/2in
Suction Lift	5m
Max. Air Pressure	7bar
Max. Flow	340 l/min
Max. Head	70m
Max. Grain Diameter	5mm
Weight	15.2-38.6kg
Material of main structure	
PP, Acetal, PVDF, AL, SST, CI	
*The material of main structure is a little different	
Installation Size: 152mm x 152mm	

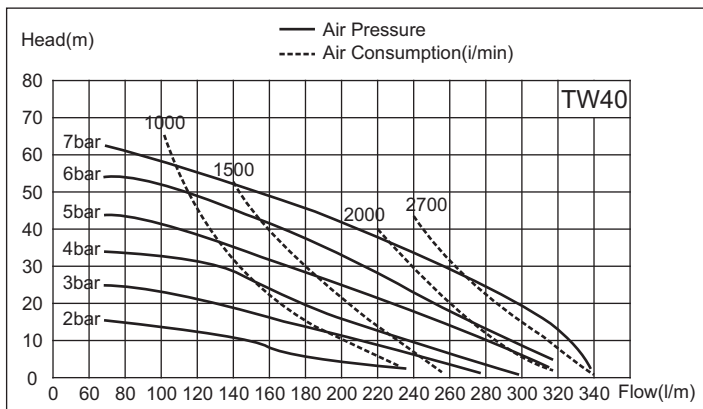
Dimensions for PP Material



Dimensions for Metal Material



Performance Curve



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TW50 AL

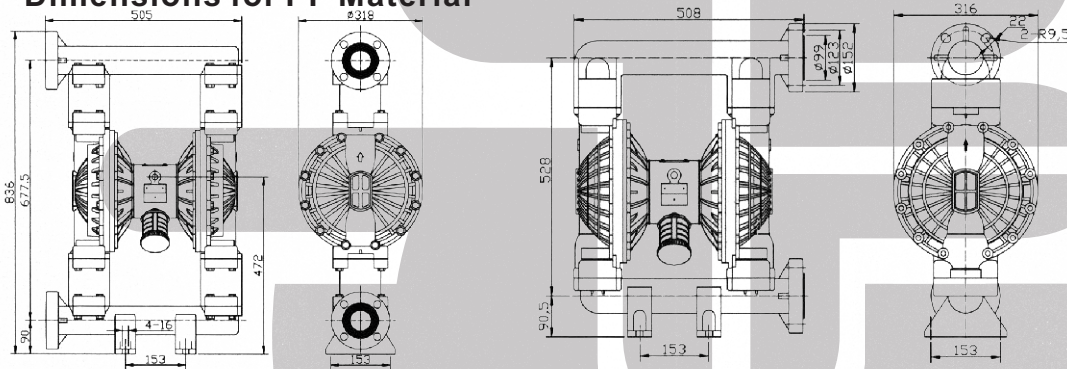


TW50 PP

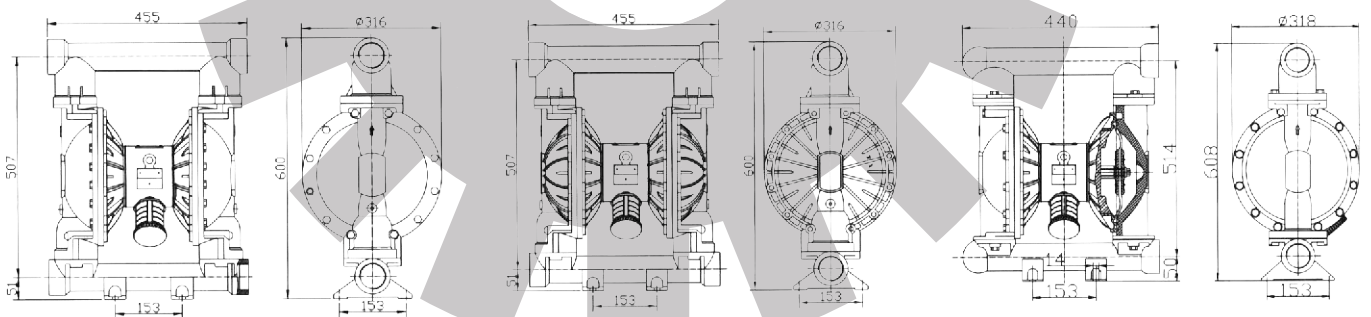
Specification

Type	TW50
Suction Size	2in
Discharge Size	2in
Air Inlet Size	1/2in
Suction Lift	5m
Max. Air Pressure	7bar
Max. Flow	570 l/min
Max. Head	70m
Max. Grain Diameter	6mm
Weight	27-65kg
Materiel of main structure	
PP, Acetal, PVDF, AL, SST, CI	
*The material of main structure is a little different	
Installation Size: 153mm x 153mm	

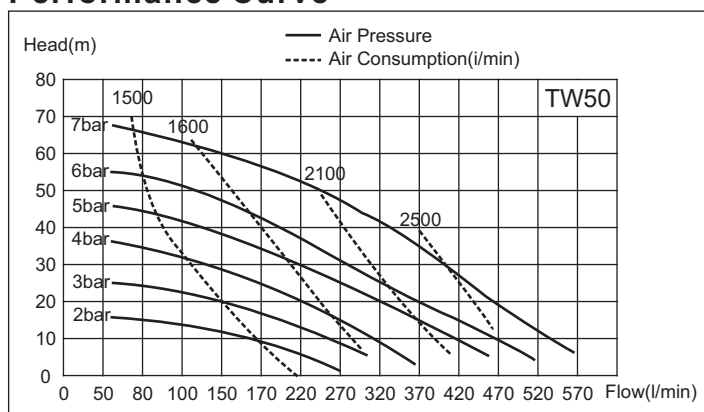
Dimensions for PP Material



Dimensions for Metal Material



Performance Curve



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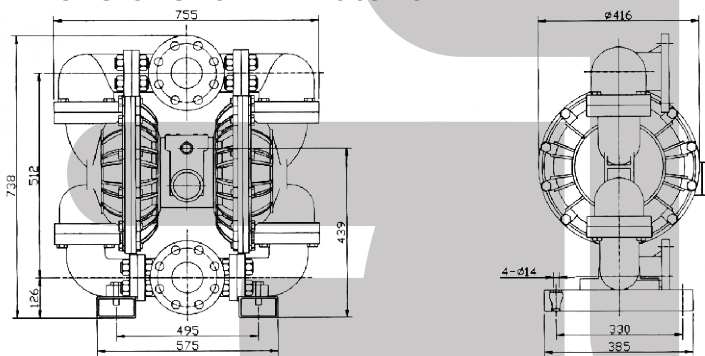


TW80

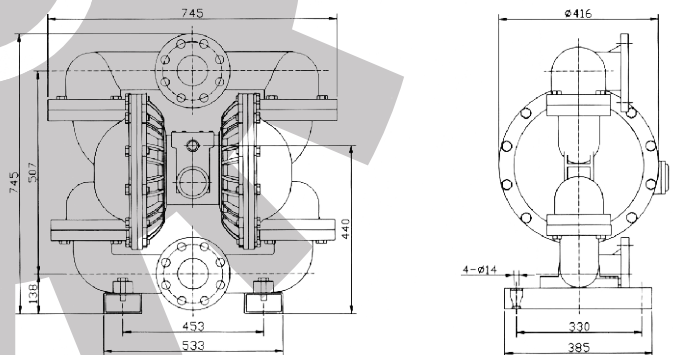
Specification

Type	TW80
Suction Size	3in
Discharge Size	3in
Air Inlet Size	3/4in
Suction Lift	5m
Max. Air Pressure	7bar
Max. Flow	1000 l/min
Max. Head	70m
Max. Grain Diameter	10mm
Weight	75kg
Materiel of main structure	
PP, Acetal, PVDF, AL, SST, CI	
*The material of main structure is a little different	
Installation Size: 300mm x 175mm	

Dimensions for PP Material



Dimensions for Metal Material



Performance Curve

