



**Air Operated Diaphragm Pump-DS04**    Old Mode: PP21    Non-metallic Type



**Net Weight**

DS04-PAXXXXX-02: 4 KG

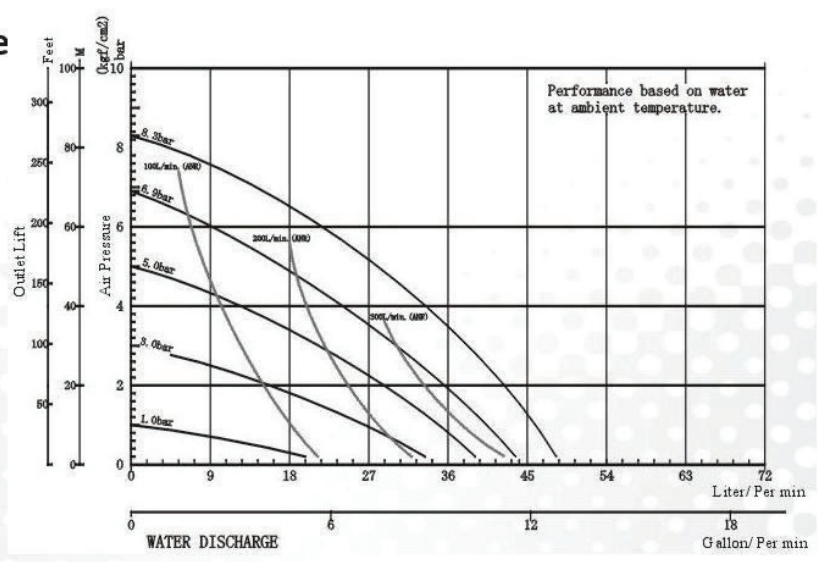
**Diaphragm**

Material	Temperature Range
PFA® (F)	-60 to +180°C
Santoprene® (O)	-10 to +80°C

**Specification**

Liquid inlet & outlet	1/2"PT(BSP)
Air inlet	1/4"PT(BSP)
Air outlet	1/4"PT(BSP)
Lowest pressure	0.8Bar(kgf/cm <sup>2</sup> ) ; 11.6psi
Max pressure	7Bar(kgf/cm <sup>2</sup> ) ; 101.5psi
Working pressure advised	1.5~5Bar(kgf/cm <sup>2</sup> ) ; 21.75psi~72.5psi
Quantity / cycle	120ml
Solid limit	φ 2mm
Air consumption	400Liter/Per Min. ; 14.12Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	28(L)cm x 19(W)cm x 28(H)cm
Max flow rate	11.87 Gallon/Per Min. ; 45 Liter/Per Min.

**Diagram of Curve**





# Air Operated Diaphragm Pump-DS10 Old Mode: PP31 Non-metallic Type

## Net Weight

DS10-PAX-XXXX-02: 7.5 KG

## Diaphragm

Material	Temperature Range
UPE (U)	-5 to +60°C
Teflon® (T)	-30 to +120°C
Santoprene® (O)	-10 to +80°C
PFA® (F)	-60 to +180°C



## Specification

Liquid inlet & outlet	1"PT(BSP)
Air inlet	3/8"PT(BSP)
Air outlet	3/8"PT(BSP)
Lowest pressure	0.5Bar(kgf/cm <sup>2</sup> ) ; 7.25psi
Max pressure	7Bar(kgf/cm <sup>2</sup> ) ; 101.5psi
Working pressure advised	1.5~5Bar(kgf/cm <sup>2</sup> ) ; 21.75psi~72.5psi
Quantity / cycle	450ml
Solid limit	Φ 3mm
Air consumption	1080Liter/Per Min. ; 38.12Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	32(L)cm x 26(W)cm x 41(H)cm
Max flow rate	43.54 Gallon/Per Min. ; 165 Liter/Per Min.

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## Diagram of Curve

