



Air Operated Diaphragm Pump-DS03 Old Mode: 15.16 Metallic Type



Net Weight

DS03-AAX-XXXX-02: 4 KG

Diaphragm

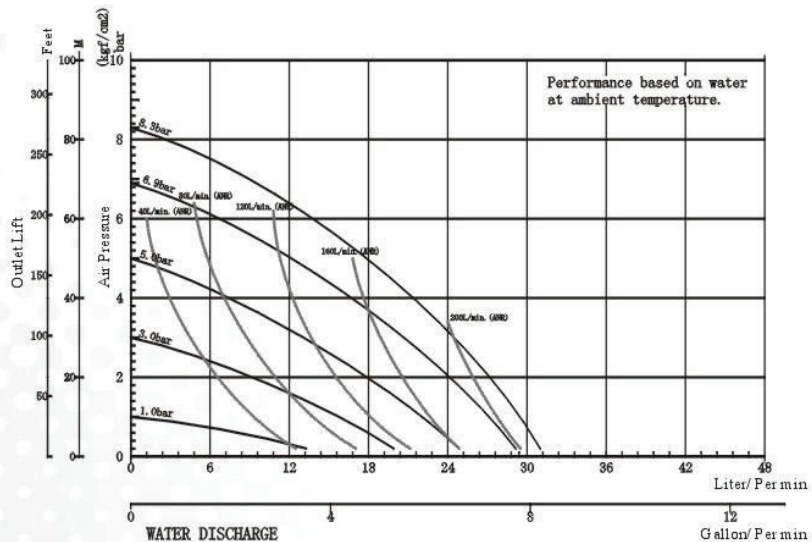
Material	Temperature Range
UPE (U)	-5 to +60°C
Teflon® (T)	-30 to +120°C

Specification

5

Liquid inlet & outlet	3/8"PT(BSP)
Air inlet	1/4"PT(BSP)
Air outlet	1/4"PT(BSP)
Lowest pressure	0.5Bar(kgf/cm ²) ; 7.25psi
Max pressure	8.3Bar(kgf/cm ²) ; 120psi
Working pressure advised	1.5~5Bar(kgf/cm ²) ; 21.75psi~72.5psi
Quantity / cycle	80ml
Solid limit	φ 1.5mm
Air consumption	240Liter/Per Min. ; 8.47Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	22(L)cm x 16(W)cm x 24(H)cm
Max flow rate	8.46 Gallon/Per Min. ; 32 Liter/Per Min.

Diagram of Curve





Air Operated Diaphragm Pump-DS04 Old Mode: 20.21 **Metallic Type**

Net Weight

DS04-AAXXXXX-02: 4.5 KG
 DS04-SAXXXXX-02: 6.5 KG



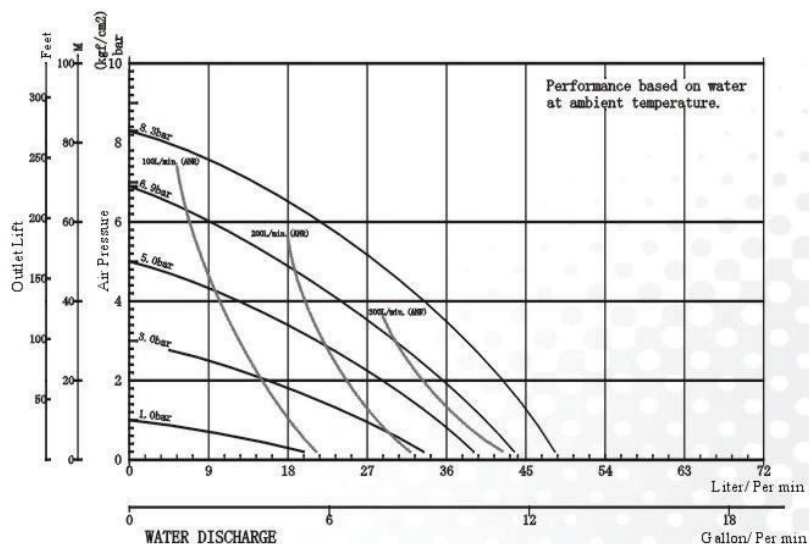
Diaphragm

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

Specification

Liquid inlet & outlet	1/2"PT(BSP)
Air inlet	1/2"PT(BSP)
Air outlet	1/4"PT(BSP)
Lowest pressure	0.5Bar(kgf/cm ²) ; 7.25psi
Max pressure	8.3Bar(kgf/cm ²) ; 120psi
Working pressure advised	1.5~5Bar(kgf/cm ²) ; 21.75psi~72.5psi
Quantity / cycle	120ml
Solid limit	φ 2 mm
Air consumption	400Liter/Per Min. ; 14.12Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	26(L)cm x 19(W)cm x 30(H)cm
Max flow rate	12.74 Gallon/Per Min. ; 48 Liter/Per Min.

Diagram of Curve





Air Operated Diaphragm Pump-DS06 Old Mode: 27 **Metallic Type**

Net Weight

DS06-AAXXXXX-02 : 8 KG
 DS06-SAXXXXX-02 : 12 KG

Diaphragm

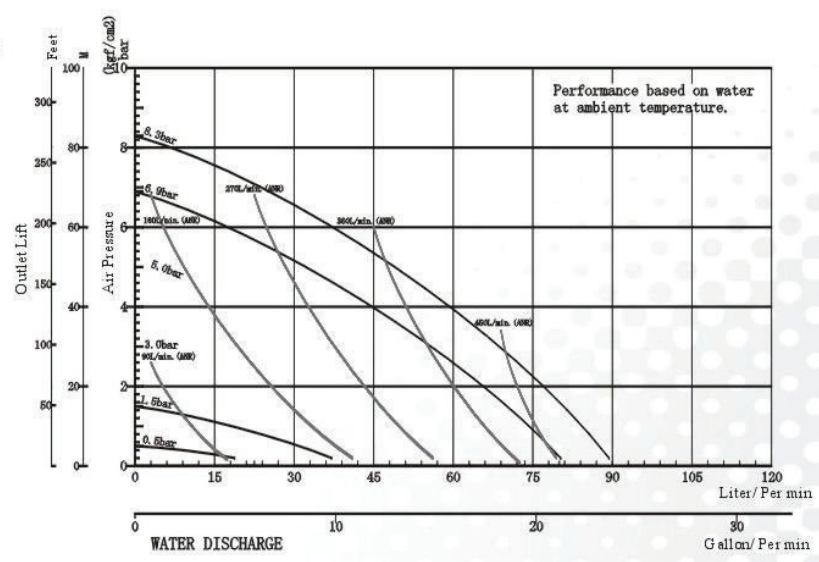
Material	Temperature Range
UPE (U)	-5 to +60°C
Teflon® (T)	-30 to +120°C
PFA® (F)	-60 to +180°C
Santoprene® (O)	-10 to +80°C



Specification

Liquid inlet & outlet	3/4"PT(BSP)
Air inlet	1/4"PT(BSP)
Air outlet	3/8"PT(BSP)
Lowest pressure	0.5Bar(kgf/cm ²) ; 7.25psi
Max pressure	8.3Bar(kgf/cm ²) ; 120psi
Working pressure advised	1.5~5Bar(kgf/cm ²) ; 21.75psi~72.5psi
Quantity / cycle	225ml
Solid limit	Φ 2.4 mm
Air consumption	540Liter/Per Min. ; 19.065Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 4.5m-dry
Assemble size	28(L)cm x 23(W)cm x 37(H)cm
Max flow rate	23.74 Gallon/Per Min. ; 90 Liter/Per Min.

Diagram of Curve





Air Operated Diaphragm Pump-DS10 Old Mode: 31 **Metallic Type**



Net Weight
 DS10-AAxxxxxx-02 : 10KG
 DS10-SAXxxxxx-02 : 14KG

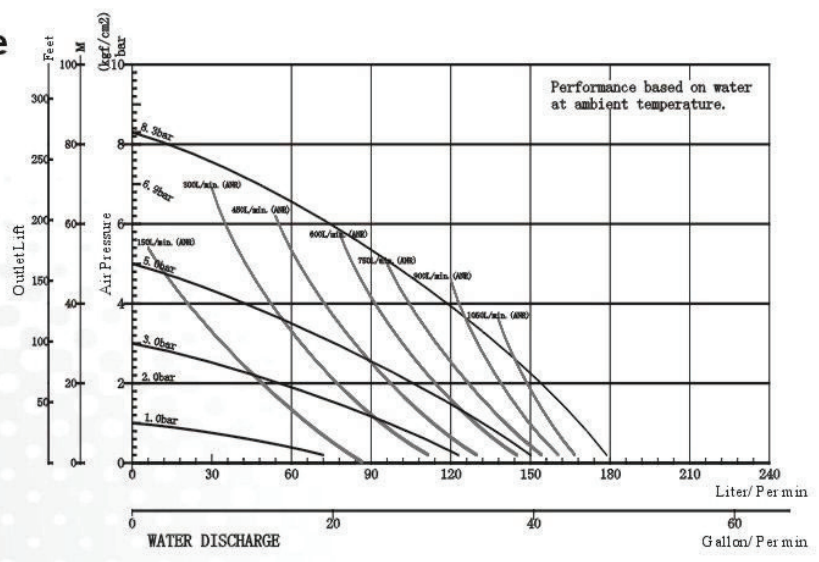
Diaphragm

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 ²) ; 7.25psi
Max pressure	8.3Bar(kgf/cm ²) ; 120psi
Working pressure advised	1.5~5Bar(kgf/cm ²) ; 21.75psi~72.5psi
Quantity / cycle	450ml
Solid limit	Φ 3mm
Air consumption	1200Liter/Per Min. ; 42.36Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	29(L)cm x 26(W)cm x 39(H)cm
Max flow rate	47.49 Gallon/Per Min. ; 180 Liter/Per Min.

Diagram of Curve





Air Operated Diaphragm Pump-DS14 Old Mode: 41 **Metallic Type**



Net Weight
 DS14-AAXXXXX-02 : 18 KG
 DS14-SAXXXXX-02 : 28 KG

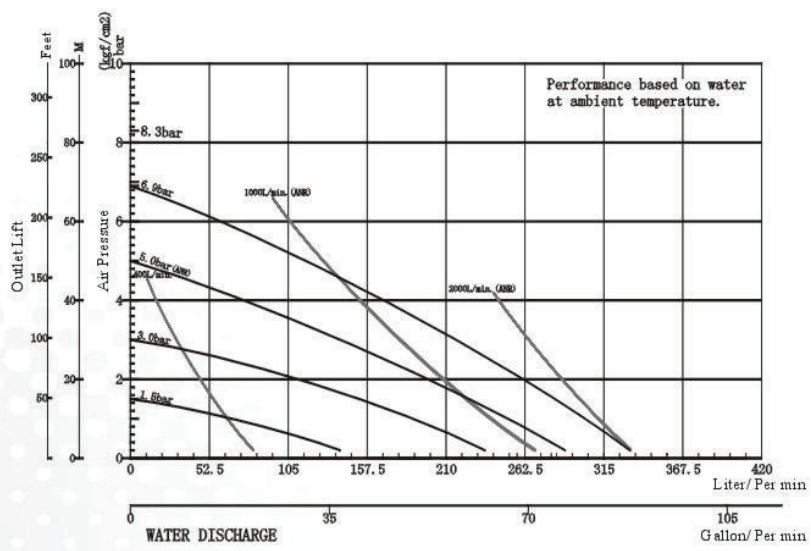
Diaphragm

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	1-1/2"PT(BSP)
Air inlet	1/2"PT(BSP)
Air outlet	1"PT(BSP)
Lowest pressure	1.2Bar(kgf/cm ²) ; 17.4psi
Max pressure	8.3Bar(kgf/cm ²) ; 120psi
Working pressure advised	2~5.5Bar(kgf/cm ²) ; 29psi~79.75psi
Quantity / cycle	1.45L
Solid limit	φ 4.8~6mm
Air consumption	2400Liter/Per Min. ; 84.72Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	39(L)cm x 29(W)cm x 46(H)cm
Max flow rate	89.7 Gallon/Per Min. ; 340 Liter/Per Min.

Diagram of Curve



C M Y K



Air Operated Diaphragm Pump-DS20 Old Mode: 51 Metallic Type

Net Weight

DS20-AAXXXXX-02: 28 KG
 DS20-SAXXXXX-02: 54 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	2"PT(BSP)
Air inlet	1/2"PT(BSP)
Air outlet	1"PT(BSP)
Lowest pressure	1.2Bar(kgf/cm ²) ; 17.4psi
Max pressure	8.3Bar(kgf/cm ²) ; 120psi
Working pressure advised	2~5.5Bar(kgf/cm ²) ; 29psi~79.75psi
Quantity / cycle	2.5L
Solid limit	Φ 6.4~8mm
Air consumption	3600Liter/Per Min. ; 127.08Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	43(L)cm x 34(W)cm x 54(H)cm
Max flow rate	139.83 Gallon/Per Min. ; 530 Liter/Per Min.

Diagram of Curve

