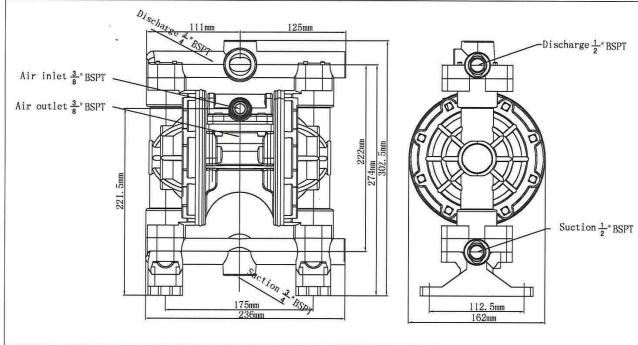
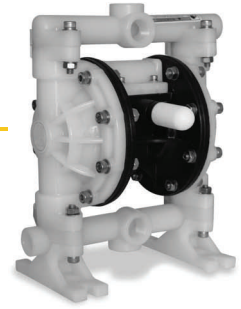


Installation size

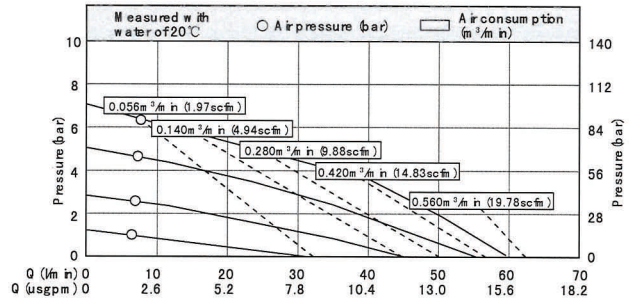


DD15/20

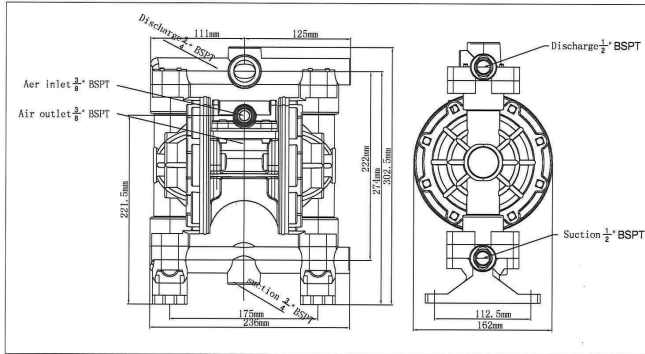


Plastic

Performance curve



Installation size



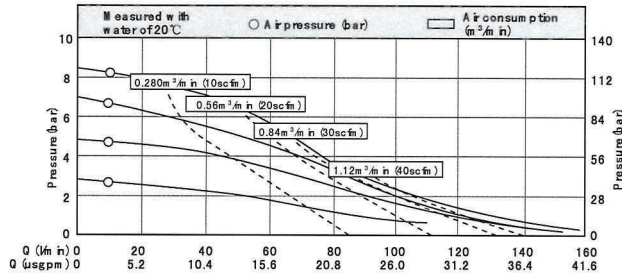
Metal



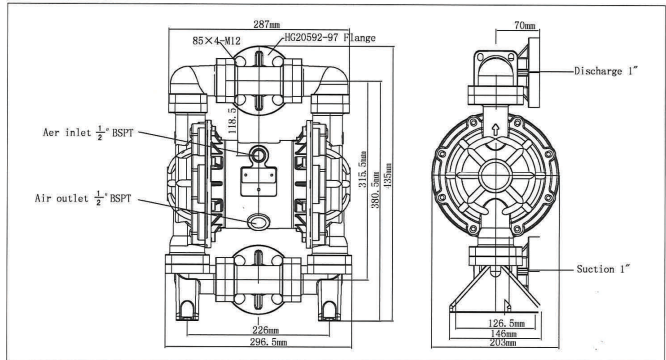
DD25

Plastic

Performance curve

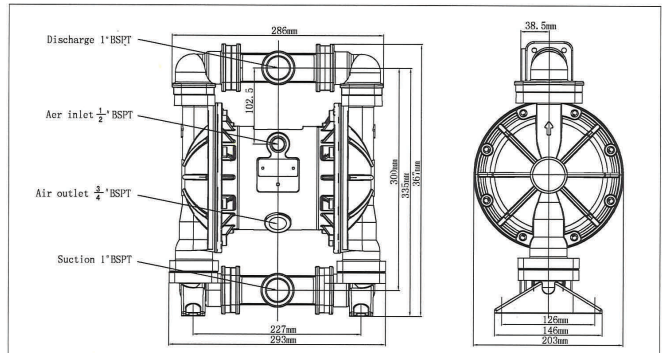


Installation size

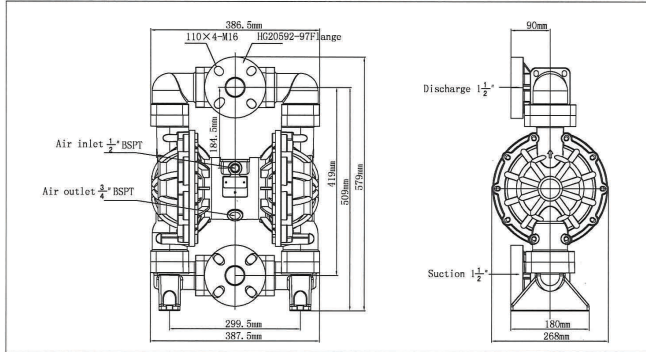


Metal

Installation size



Installation size

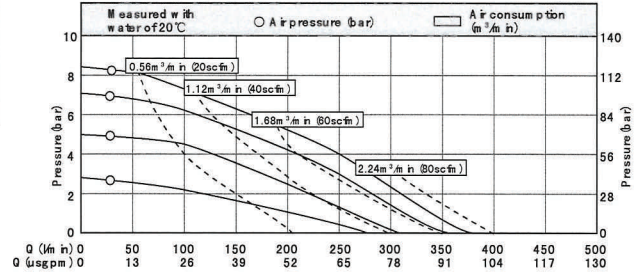


DD40

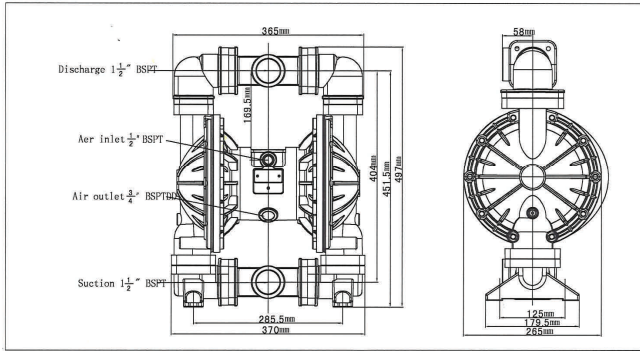


Plastic

Performance curve



Installation sizeDD



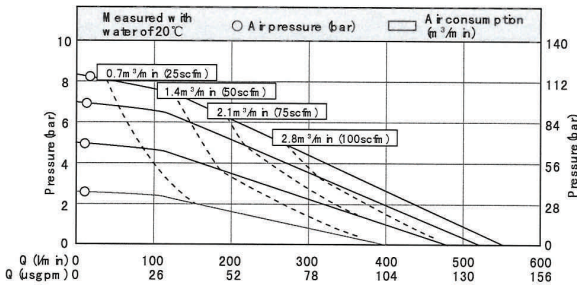
Metal



DD50

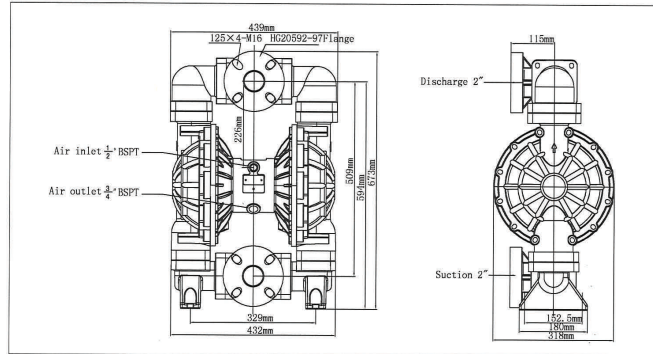
Plastic

Performance curve

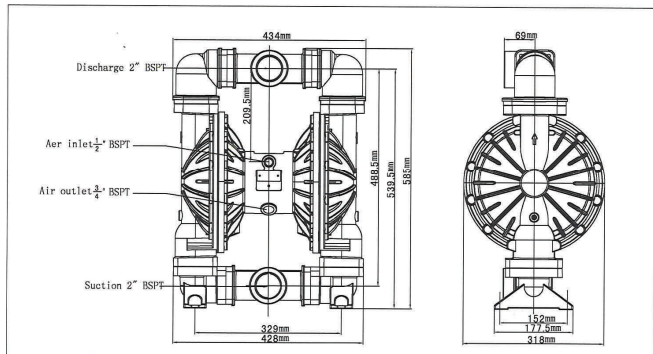


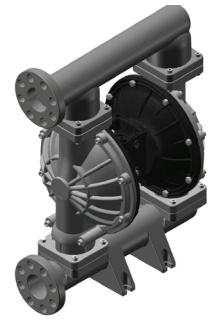
Metal

Installation size



Installation size

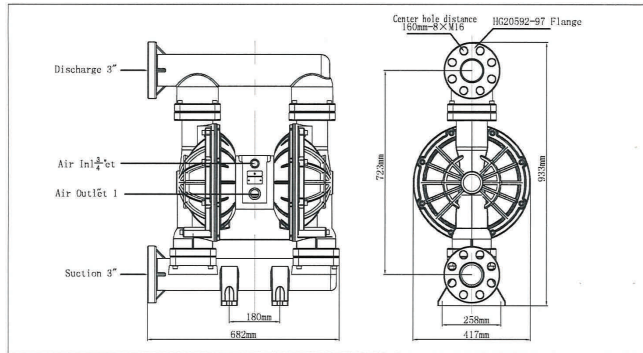




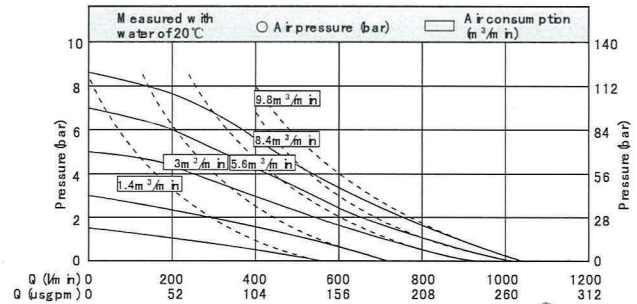
DD80

Plastic

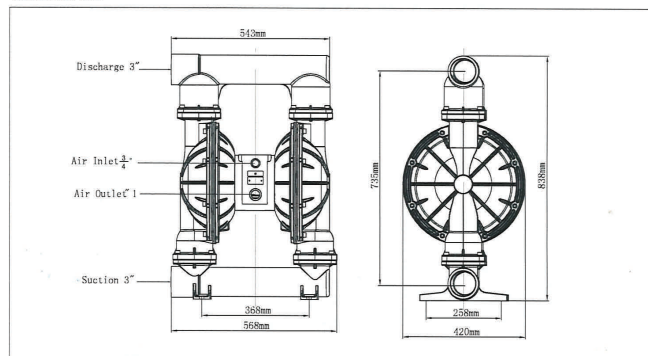
Installation size



Performance curve



Installation size



Metal



Operating Temperature Limitation

Material	Maximum	Minimum
Viton: excellent corrosion resistance, resistance to various acids (including the median concentration of oxidizing acid), alkali, salt, petroleum products, hydrocarbons, etc.	350°F / 176.6°C	-40°F / -40°C
PTFE (Teflon): excellent corrosion resistance, almost resistant to all chemical media (including concentrated nitric acid and aqua regia). Except melting of lithium, potassium, sodium, chlorine trifluoride, high-temperature oxygen trifluoride, sulfur-speed liquid fluorine.	350°F / 176.6°C	40°F / 4.4°C
Santoprene: good abrasion resistance, chemical resistance and heat resistance, suitable for general acid and alkali, not suitable solvent. Can replace the EPDM/EPR material.	220°F / 104.4°C	-20°F / -28.9°C
Hytrel: good abrasion resistance, used in most of the neutral fluid. Can replace Buna-N materials.	220°F / 104.4°C	-20°F / -28.9°C
EPDM: abrasion resistance, aging resistance, ozone resistance, suitable for general acid and alkali.	250°F / 121.6°C	-40°F / 40°C
Buna-N: widely used in gasoline and other oil products. Suitable for use at room temperature.	212°F / 100°C	-40°F / 40°C
GE: better abrasion resistance than Hytrel, the same chemical resistance as Buna-N.	220°F / 104.4°C	-20°F / -28.9°C
PP: Medium abrasion resistance, good chemical resistance, good versatility, especially for common acid-base.	150°F / 65.5°C	40°F / 4.4°C
POM: good solvent resistance, abrasion resistance. Low friction, low moisture absorption.	150°F / 65.5°C	40°F / 4.4°C
PVDF: strong chemical resistance, crush resistance, abrasion resistance, good corrosion resistance for acid, alkali and variety of organic solvents.	200°F / 93.3°C	40°F / 4.4°C

Pump model = DD 25 AL - PP / TF / TF / PP

Double Diaphragm

Pump size:
 15=1/2" 20=3/4"
 25=1" 40=1.5"
 50=2" 80=3"
 100=4"

Center block material:
 AL=Aluminum
 PP=Polypropylene
 SS=Stainless Steel 304

Wetted body material:
 AL=Aluminum
 PP=Polypropylene
 PM=POM
 KV=PVDF
 TF=Teflon
 SS=Stainless Steel 304
 LL=Stainless Steel 316
 CS=Cast Steel

Valve seat material:
 TF=Teflon
 ST=Santoprene
 HY=Hytrel
 EP=EPDM
 BN=Buna-N
 GE=Geolast
 VT=Viton
 PC=PVC
 SS=Stainless Steel 304
 LL=Stainless Steel 316
 PP=Polypropylene

Valve ball material:
 TF=Teflon
 ST=Santoprene
 HY=Hytrel
 EP=EPDM
 BN=Buna-N
 GE=Geolast
 VT=Viton
 PC=PVC
 SS=Stainless Steel 304
 LL=Stainless Steel 316
 CM=Ceramic

Diaphragm material:
 TF=Teflon
 ST=Santoprene
 HY=Hytrel
 EP=EPDM
 BN=Buna-N
 GE=Geolast
 VT=Viton
 PU=Polyuretane