APPLICATION AREA

- Tanker / Passenger car / Train unloading
- Large tank / Tank transport
- Wastewater treatment / Fluid filtration
- Chemical production
- Common transport / Supply
- Packing / Fill
- Batch processing / Mixed
- System flushing
- Cycle / Recovery

BSK
BSK Fluid Technology LLC.

MARITIME AFFAIRS
Emission and transmission
- Sewage
- Seawater
- Diesel engine

ELECTRONICS
Emission and transmission
- Wastewater
- Strong acid
- Alkali

COAL MINE
Emission
- Sewage
- Mixing
- Slush

MEDICINE
The food and drug material
Supply and delivery
- FDA material

CHEMICAL PRODUCTION
Soap
- Cleaning agent
- Clean/Polish
- Paint/Dye
- Adhesive
- Printing ink
- For shear sensitive materials

CAR
Supply and delivery
- Sealant
- Binder
- Electroplating solution
- Solvent
- Paint



INDUSTRY

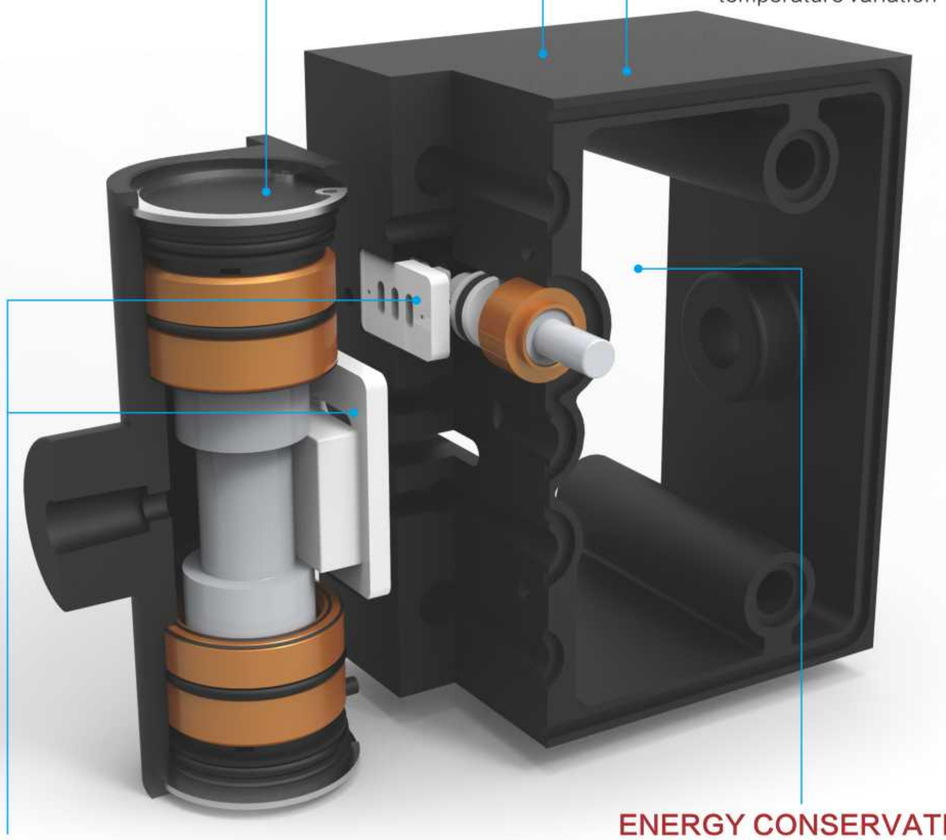
PRODUCT PERFORMANCE CHARACTERISTICS

SIMPLIFIED STRUCTURE

- The main valve and air motor are in the modular structure
- Easy to disassemble and maintain

INOXIDIZABILITY

- The anti-oxidated non-toxic treatment is given to the metal
- With enhanced abrasion resistance, it is free of rust and pollution
- It is not affected by temperature variation



NEW PATENTED MAIN VALVE

- Provided with dual polymer ceramic air system
- Stable in performance and free of dead spots
- Self-lubricating and maintenance-free

ENERGY CONSERVATION AND NOISE REDUCTION

- With built-in vacuum pump chamber, it is anti-icing
- It effectively reduces the discharge pressure and noise from work



SIMPLICITY

- It is maintenance-free due to the installation of high-strength engineering plastic components
- The use of less consumable parts facilitates replacement



RESISTANCE TO SOILING

- The use of polymer ceramic dynamic seal makes it more wear-resisting and enables it to prevent and discharge pollution
- It is applicable to the harsh environment of air source



STABILITY

- The dual reversing system can assure working stability while maximizing efficiency in addition to extremely optimizing air channel

WHY CHOOSE US

- As required in the American technology standard, its spare parts are coated with stoving varnish, being beautiful and practical, anti-corrosive and easy to clean.
- Its unique chamber design and stepless regulating valve can effectively prevent the damage to the pump body so as to maximize flow.
- The lightweight design of pump is convenient for its movement.
- With unique dual-seal construction, it is free of leakage problem. The first seal is the seal groove of inbuilt diaphragm inside the pump; and the secondary seal the bolt-type connection structure.
- With ultra-low-pressure start-up capability, it can start at air pressure of 1.5KG or less.
- The optimization design of system conduces to reduction of wearing parts, easy disassembly and maintenance;



Note: The ratio of the number of any pneumatic diaphragm pump parts about 20% less

BSK
BSK Fluid Technology LLC.

PNEUMATIC DIAPHRAGM PUMP



PVDF

- A25KV
- A40KV

CI

- A50CI
- A80CI

PP

- P06PP
- P15PP
- A25PP
- A40PP
- A50PP

AL

- A25AL
- A40AL
- A50AL
- A80AL

CS

- P15CS
- A25CS
- A40CS
- A50CS
- A80CS

SS

- P15SS
- A25SS
- A40SS
- A50SS
- A80SS

PRODUCT INTRO >>

BSK
BSK Fluid Technology LLC.

P06PP-XX X-X

SEAT MATERIAL
S-Stainless steel
P-Polypropylene

BALL MATERIAL
9-Santoprene
H-Hytrel
A-Acetal
T-PTEF

DIAPHRAGM MATERIAL
9-Santoprene
H-Hytrel
T-PTEF/Santoprene

THE MOUTH FORMS
A-BSP
B-NPT(F)





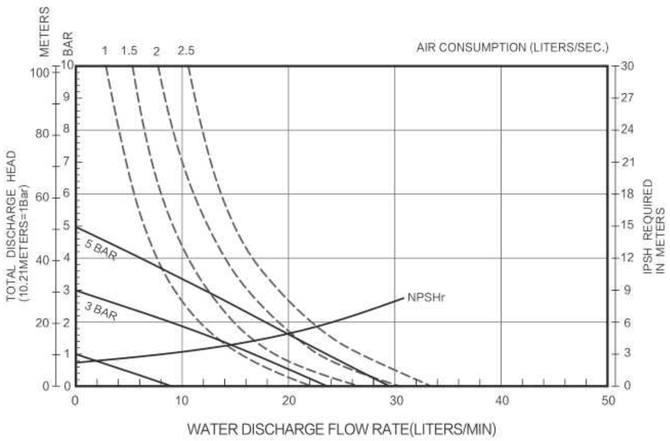
PRODUCT PARAMETERS

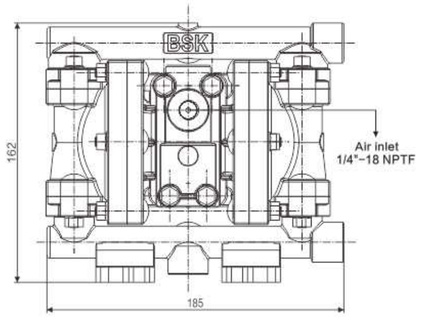
TECHNICAL PARAMETERS

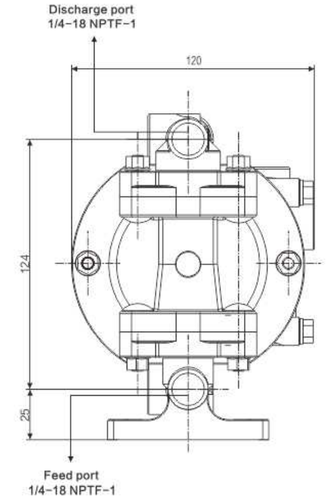
Air Inlet	1/4-18NPTF-1
Fluid Outlet	1/4-18NPTF-1
Fluid Inlet	1/4-18NPTF-1
Max. Flow	27L/Min
Max. Head	28M (Water)
Max. Self-priming Lift (dry)	4.5m
Max. Air Pressure	5.0bar
Max. Particle Diameter	1mm
Max. Installation Dimension	185*162*120mm
Weight	1.3kg
Noise	<80db

MATERIAL TEMPERATURE LIMITS

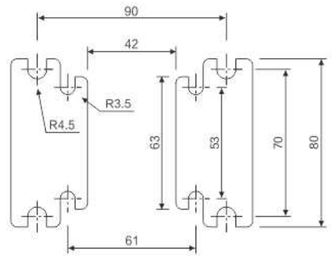
Hytrel	-20°—150°F(-29°—66°C)
Viton	-40°—350°F(-40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	-40°—225°F(-40°—107.2°C)
Nitrile	10°—180°F(-12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)







THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

P15PP - X X X - X

SEAT MATERIAL
P-Polypropylene
O-Aluminum alloy
S-Stainless steel
9-Santoprene

BALL MATERIAL
T-PTEF
A-Acetal
V-Viton
H-Hytrel
9-Santoprene

DIAPHRAGM MATERIAL
9-Santoprene
H-Hytrel
V-Viton
T-PTEF/Santoprene

THE MOUTH FORMS
A-BSP
B-NPT(F)

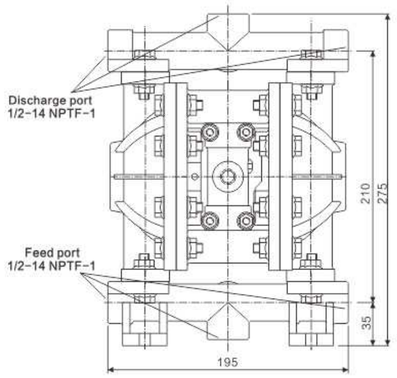




PRODUCT PARAMETERS

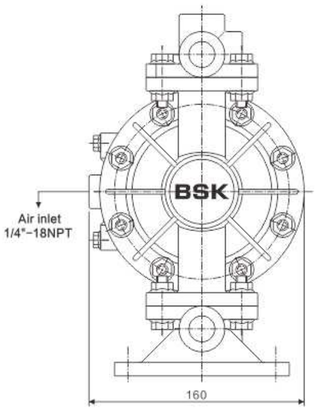
TECHNICAL PARAMETERS

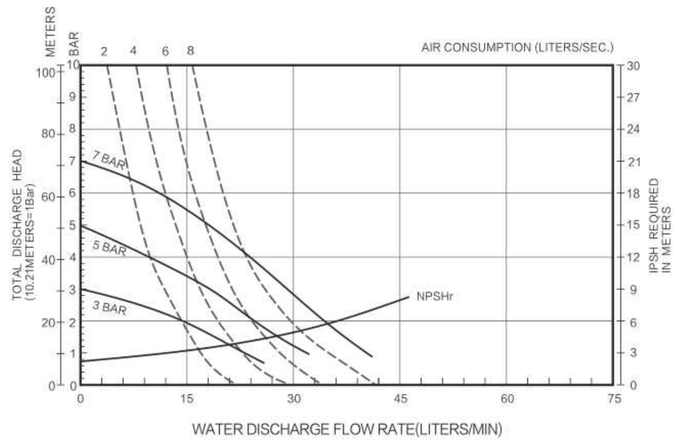
Air Inlet	1/4-18NPTF-1
Fluid Outlet	1/2-14 NPTF-1
Fluid Inlet	1/2-14 NPTF-1
Max. Flow	44L/Min
Max. Head	70M (Water)
Max. Self-priming Lift (dry)	4.5m
Max. Air Pressure	6.9bar
Max. Particle Diameter	2.5mm
Max. Installation Dimension	195*275*160mm
Weight	2.4kg
Noise	<80db



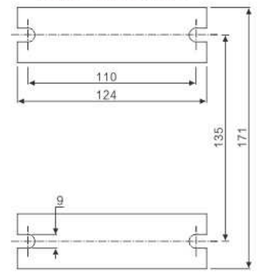
MATERIAL TEMPERATURE LIMITS

Hytrel	-20°—150°F(-29°—66°C)
Viton	-40°—350°F(-40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	-40°—225°F(-40°—107.2°C)
Nitrile	10°—180°F(-12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)





THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

P15CS - X X X - X

SEAT MATERIAL
S–Stainless steel
P–Polypropylene
O–Aluminum alloy

BALL MATERIAL
9–Santoprene
H–Hytrel
V–Viton
A–Acetal
T–PTEF

DIAPHRAGM MATERIAL
9–Santoprene
H–Hytrel
V–Viton
T–PTEF/Santoprene

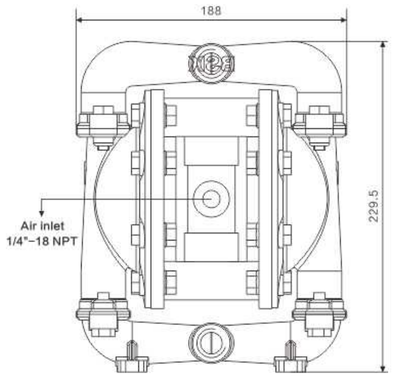
THE MOUTH FORMS
A–BSP
B–NPT(F)



PRODUCT PARAMETERS

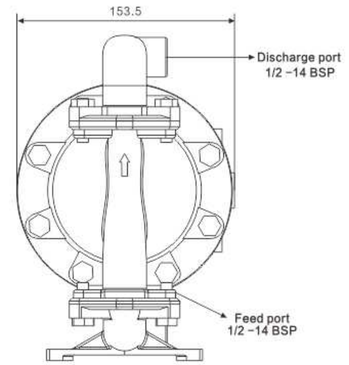
TECHNICAL PARAMETERS

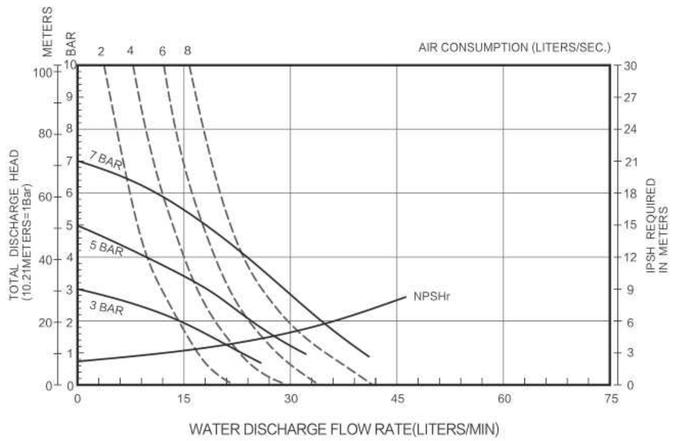
Air Inlet	1/4–18NPTF–1
Fluid Outlet	1/2–14 BSP
Fluid Inlet	1/2–14 BSP
Max. Flow	44L/Min
Max. Head	70M (Water)
Max. Self–priming Lift (dry)	4.5m
Max. Air Pressure	6.9bar
Max. Particle Diameter	2.5mm
Max. Installation Dimension	188*229.5*153.5mm
Weight	5.5kg
Noise	<80db



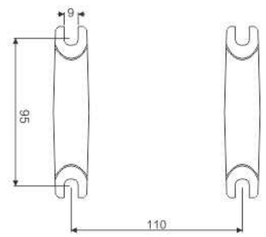
MATERIAL TEMPERATURE LIMITS

Hytrel	−20°—150°F(−29°—66°C)
Viton	−40°—350°F(−40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	−40°—225°F(−40°—107.2°C)
Nitrile	10°—180°F(−12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)





THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

P15SS - X X X - X

SEAT MATERIAL
S-Stainless steel
P-Polypropylene
O-Aluminum alloy

BALL MATERIAL
9-Santoprene
H-Hytrel
V-Viton
A-Acetal
T-PTEF

DIAPHRAGM MATERIAL
9-Santoprene
H-Hytrel
V-Viton
T-PTEF/Santoprene

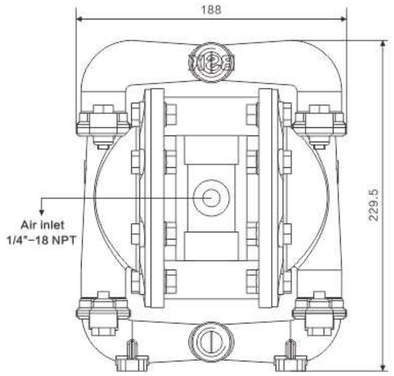
THE MOUTH FORMS
A-BSP
B-NPT(F)



PRODUCT PARAMETERS

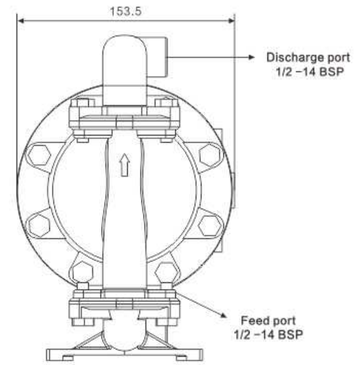
TECHNICAL PARAMETERS

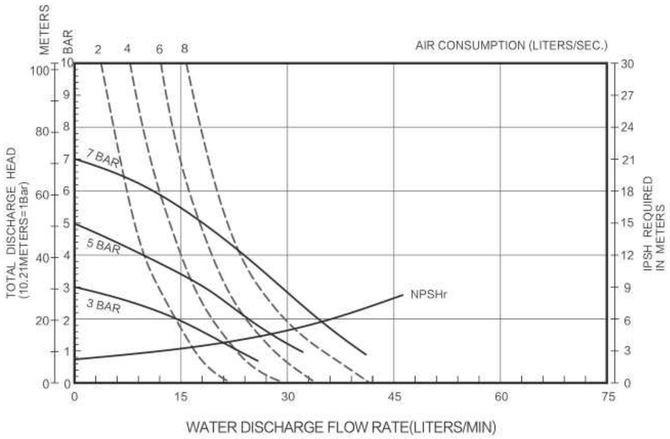
Air Inlet	1/4-18NPTF-1
Fluid Outlet	1/2-14 BSP
Fluid Inlet	1/2-14 BSP
Max. Flow	44L/Min
Max. Head	70M (Water)
Max. Self-priming Lift (dry)	4.5m
Max. Air Pressure	6.9bar
Max. Particle Diameter	2.5mm
Max. Installation Dimension	188*229.5*153.5mm
Weight	5.5kg
Noise	<80db



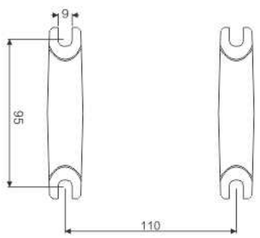
MATERIAL TEMPERATURE LIMITS

Hytrel	-20°—150°F(-29°—66°C)
Viton	-40°—350°F(-40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	-40°—225°F(-40°—107.2°C)
Nitrile	10°—180°F(-12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)





THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A25PP - X X X - X

SEAT MATERIAL
P–Polypropylene
O–Aluminum alloy
S–Stainless steel
9–Santoprene

BALL MATERIAL
T–PTEF
A–Acetal
Nitrile butadiene rubber
V–Viton
H–Hytrel
9–Santoprene

DIAPHRAGM MATERIAL
9–Santoprene
H–Hytrel
V–Viton
T–PTEF/Santoprene
Nitrile butadiene rubber

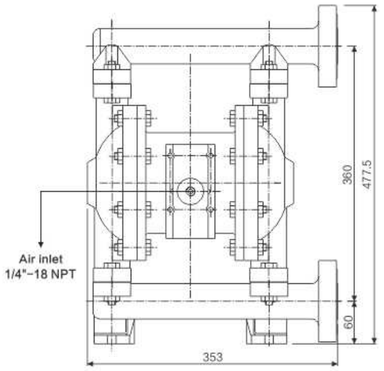
THE MOUTH FORMS
C–Flange



PRODUCT PARAMETERS

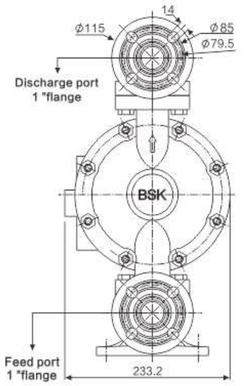
TECHNICAL PARAMETERS

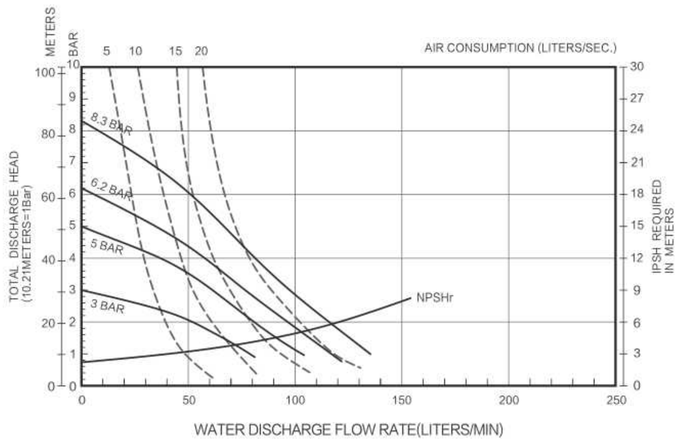
Air Inlet	1/4–18NPTF–1
Fluid Outlet	1"Side flange
Fluid Inlet	1"Side flange
Max. Flow	135L/Min
Max. Head	70M (Water)
Max. Self–priming Lift (dry)	4m
Max. Air Pressure	8.3bar
Max. Particle Diameter	3mm
Max. Installation Dimension	353*477.5*233.2mm
Weight	9.5kg
Noise	<80db



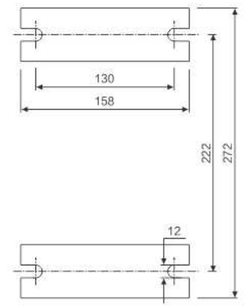
MATERIAL TEMPERATURE LIMITS

Hytrel	–20°—150°F(–29°—66°C)
Viton	–40°—350°F(–40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	–40°—225°F(–40°—107.2°C)
Nitrile	10°—180°F(–12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(–12.2°—82.2°C)





THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A25AL - X X X - X

SEAT MATERIAL
S–Stainless steel
P–Polypropylene
O–Aluminum alloy
9–Santoprene

BALL MATERIAL
9–Santoprene
H–Hytrel
V–Viton
Nitrile butadiene rubber
A–Acetal
T–PTEF

DIAPHRAGM MATERIAL
9–Santoprene
H–Hytrel
V–Viton
T–PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
A–BSP
B–NPT(F)

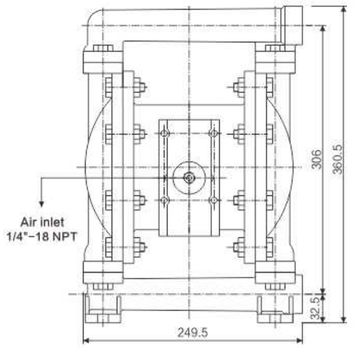


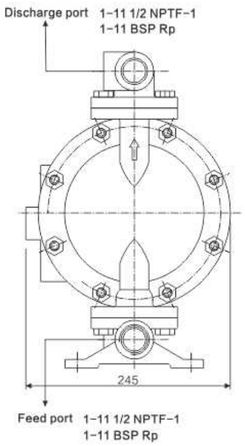


PRODUCT PARAMETERS

TECHNICAL PARAMETERS

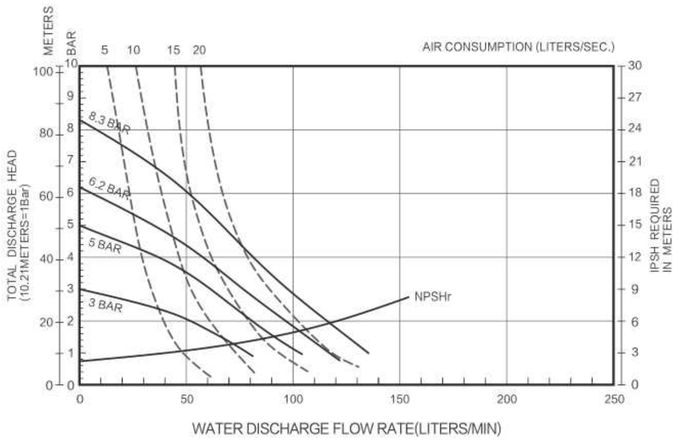
Air Inlet	1/4–18NPTF–1
Fluid Outlet	1–11–1/2NPTF–1,Rp1–11BSP
Fluid Inlet	1–11–1/2NPTF–1,Rp1–11BSP
Max. Flow	135L/Min
Max. Head	70M (Water)
Max. Self–priming Lift (dry)	4m
Max. Air Pressure	8.3bar
Max. Particle Diameter	3mm
Max. Installation Dimension	249.5*360.5*245mm
Weight	9.5kg
Noise	<80db



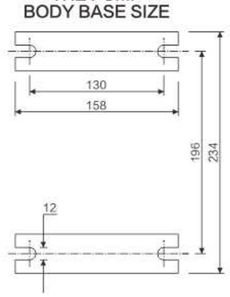


MATERIAL TEMPERATURE LIMITS

Hytrel	–20°—150°F(–29°—66°C)
Viton	–40°—350°F(–40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	–40°—225°F(–40°—107.2°C)
Nitrile	10°—180°F(–12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(–12.2°—82.2°C)



THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A25CS - X X X - X

SEAT MATERIAL
S–Stainless steel
P–Polypropylene
O–Aluminum alloy
9–Santoprene

BALL MATERIAL
9–Santoprene
H–Hytrel
V–Viton
Nitrile butadiene rubber
A–Acetal
T–PTEF

DIAPHRAGM MATERIAL
9–Santoprene
H–Hytrel
V–Viton
T–PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
A–BSP
B–NPT(F)





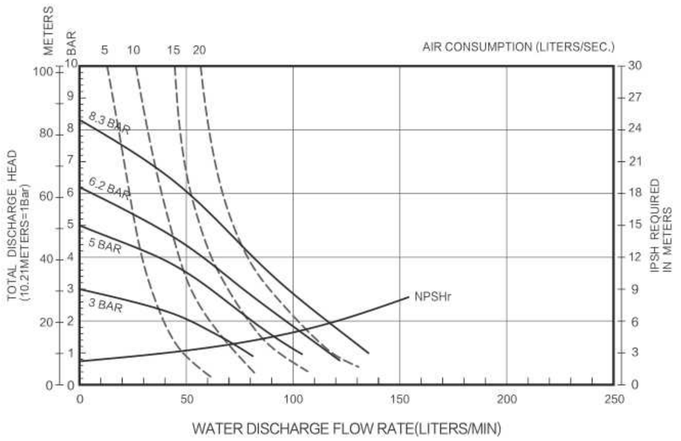
PRODUCT PARAMETERS

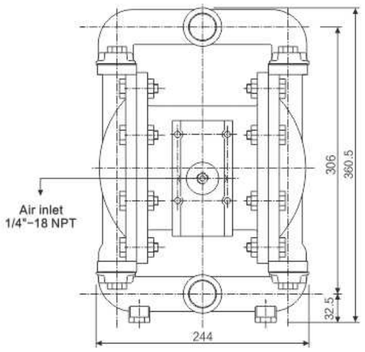
TECHNICAL PARAMETERS

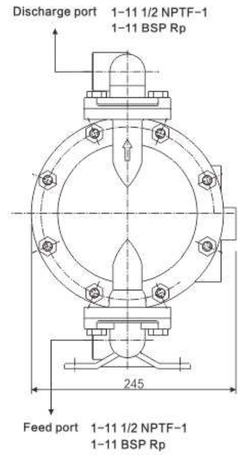
Air Inlet	1/4–18NPTF–1
Fluid Outlet	1–11–1/2NPTF–1,Rp1–11BSP
Fluid Inlet	1–11–1/2NPTF–1,Rp1–11BSP
Max. Flow	135L/Min
Max. Head	70M (Water)
Max. Self–priming Lift (dry)	4m
Max. Air Pressure	8.3bar
Max. Particle Diameter	3mm
Max. Installation Dimension	244*360.5*245mm
Weight	14.5kg
Noise	<80db

MATERIAL TEMPERATURE LIMITS

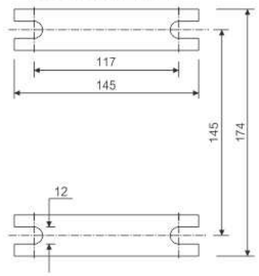
Hytrel	–20°—150°F(–29°—66°C)
Viton	–40°—350°F(–40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	–40°—225°F(–40°—107.2°C)
Nitrile	10°—180°F(–12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(–12.2°—82.2°C)







THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A25SS - X X X - X

SEAT MATERIAL
S–Stainless steel
P–Polypropylene
O–Aluminum alloy

BALL MATERIAL
9–Santoprene
H–Hytrel
V–Viton
Nitrile butadiene rubber
A–Acetal
T–PTEF

DIAPHRAGM MATERIAL
9–Santoprene
H–Hytrel
V–Viton
T–PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
A–BSP
B–NPT(F)





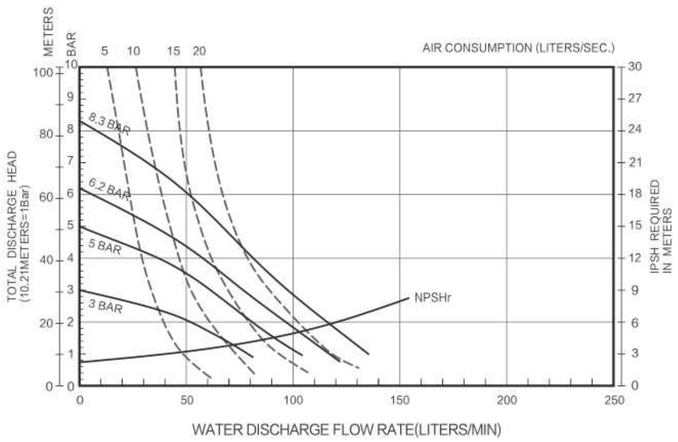
PRODUCT PARAMETERS

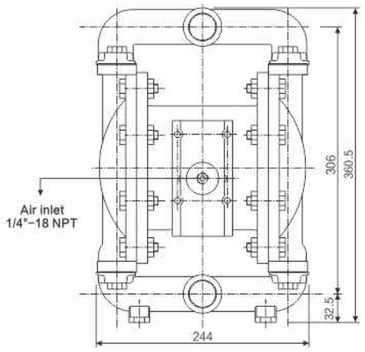
TECHNICAL PARAMETERS

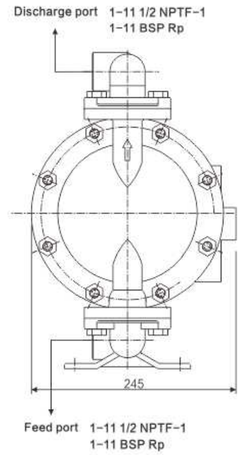
Air Inlet	1/4–18NPTF–1
Fluid Outlet	1–11–1/2NPTF–1,Rp1–11BSP
Fluid Inlet	1–11–1/2NPTF–1,Rp1–11BSP
Max. Flow	135L/Min
Max. Head	70M (Water)
Max. Self–priming Lift (dry)	4m
Max. Air Pressure	8.3bar
Max. Particle Diameter	3mm
Max. Installation Dimension	244*360.5*245mm
Weight	14.5kg
Noise	<80db

MATERIAL TEMPERATURE LIMITS

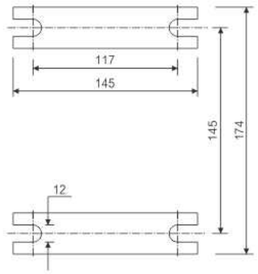
Hytrel	–20°—150°F(–29°—66°C)
Viton	–40°—350°F(–40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	–40°—225°F(–40°—107.2°C)
Nitrile	10°—180°F(–12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(–12.2°—82.2°C)







THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

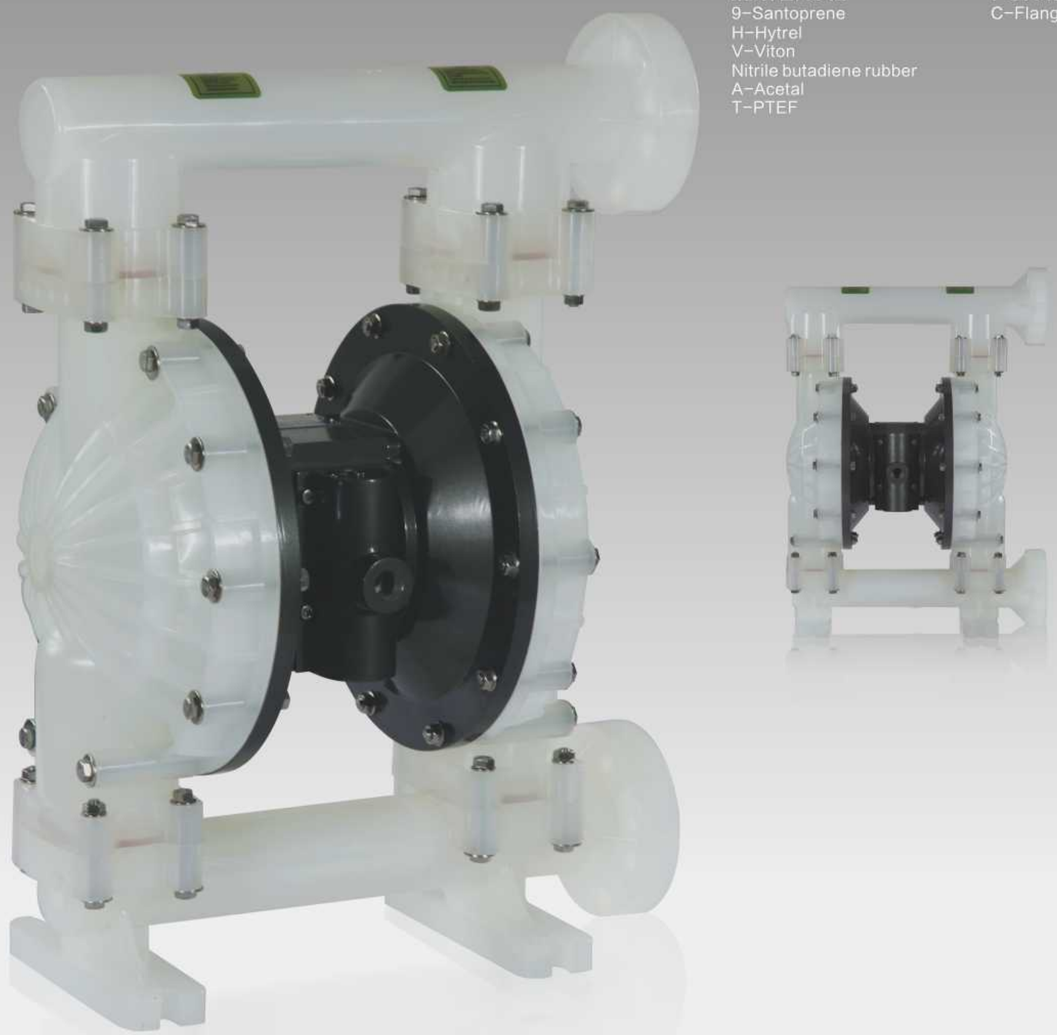
A40PP - X X X - X

SEAT MATERIAL
P–Polypropylene
O–Aluminum alloy
S–Stainless steel
9–Santoprene

BALL MATERIAL
9–Santoprene
H–Hytrel
V–Viton
Nitrile butadiene rubber
A–Acetal
T–PTEF

DIAPHRAGM MATERIAL
9–Santoprene
H–Hytrel
V–Viton
T–PTEF/Santoprene
Nitrile butadiene rubber

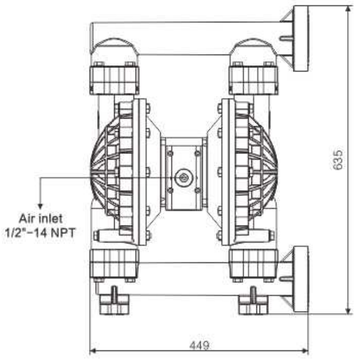
THE MOUTH FORMS
C–Flange

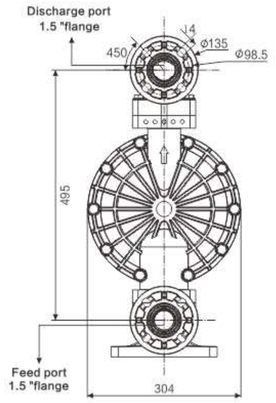


PRODUCT PARAMETERS

TECHNICAL PARAMETERS

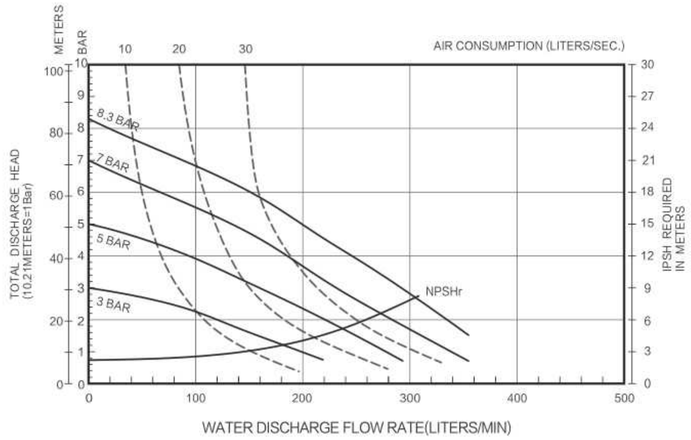
Air Inlet	1/2–14NPTF–1
Fluid Outlet	1.5"Side flange
Fluid Inlet	1.5"Side flange
Max. Flow	330L/Min
Max. Head	70M (Water)
Max. Self–priming Lift (dry)	4.5m
Max. Air Pressure	8.3bar
Max. Particle Diameter	6mm
Max. Installation Dimension	635*449*304mm
Weight	19kg
Noise	<80db



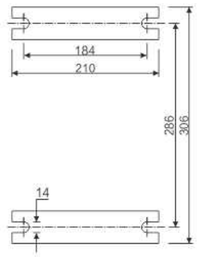


MATERIAL TEMPERATURE LIMITS

Hytrel	-20°—150°F(-29°—66°C)
Viton	-40°—350°F(-40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	-40°—225°F(-40°—107.2°C)
Nitrile	10°—180°F(-12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(-12.2°—82.2°C)



THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A40AL - X X X - X

SEAT MATERIAL
P-Polypropylene
O-Aluminum alloy
S-Stainless steel
9-Santoprene

BALL MATERIAL
9-Santoprene
H-Hytrel
V-Viton
Nitrile butadiene rubber
A-Acetal
T-PTEF

DIAPHRAGM MATERIAL
9-Santoprene
H-Hytrel
V-Viton
T-PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
A-BSP
B-NPT(F)

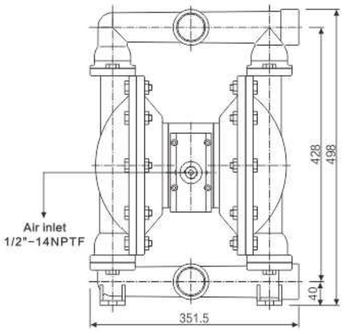




PRODUCT PARAMETERS

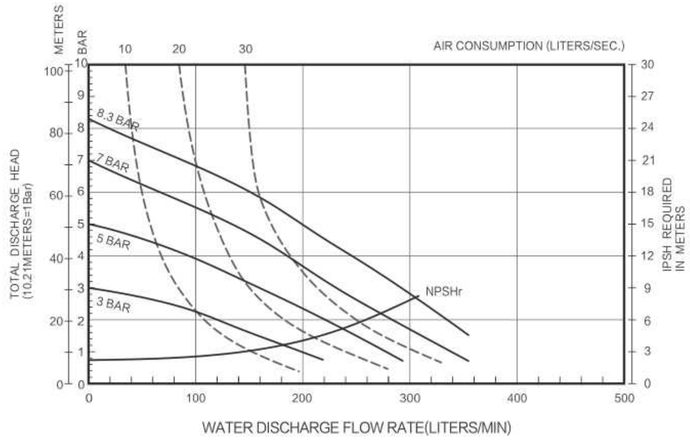
TECHNICAL PARAMETERS

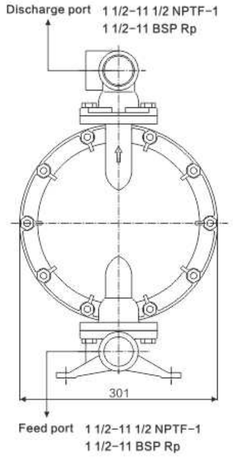
Air Inlet	1/2-14NPTF-1
Fluid Outlet	1-1/2"-11-1/2NPTF-1,1-1/2-11BSP
Fluid Inlet	1-1/2"-11-1/2NPTF-1,1-1/2-11BSP
Max. Flow	330L/Min
Max. Head	70M (Water)
Max. Self-priming Lift (dry)	4.5m
Max. Air Pressure	8.3bar
Max. Particle Diameter	6mm
Max. Installation Dimension	351.5*498*301mm
Weight	18kg
Noise	<80db



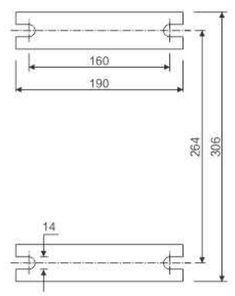
MATERIAL TEMPERATURE LIMITS

Hytrel	-20°—150°F(-29°—66°C)
Viton	-40°—350°F(-40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	-40°—225°F(-40°—107.2°C)
Nitrile	10°—180°F(-12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(-12.2°—82.2°C)





THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A40CS - X X X - X

SEAT MATERIAL
P-Polypropylene
O-Aluminum alloy
S-Stainless steel
9-Santoprene

BALL MATERIAL
9-Santoprene
H-Hytrel
V-Viton
Nitrile butadiene rubber
A-Acetal
T-PTEF

DIAPHRAGM MATERIAL
9-Santoprene
H-Hytrel
V-Viton
T-PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
A-BSP
B-NPT(F)

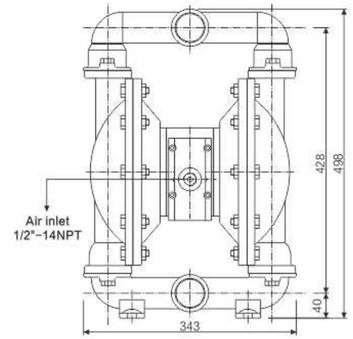


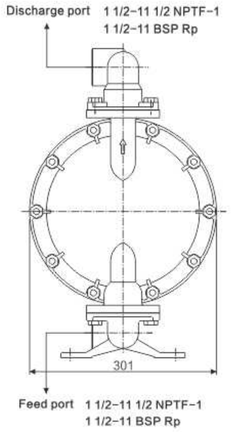


PRODUCT PARAMETERS

TECHNICAL PARAMETERS

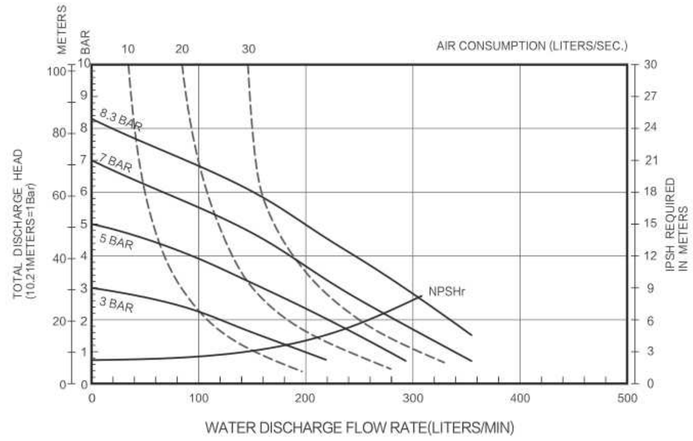
Air Inlet	1/2-14NPTF-1
Fluid Outlet	1-1/2"-11-1/2NPTF-1,1-1/2-11BSP
Fluid Inlet	1-1/2"-11-1/2NPTF-1,1-1/2-11BSP
Max. Flow	330L/Min
Max. Head	70M (Water)
Max. Self-priming Lift (dry)	4.5m
Max. Air Pressure	8.3bar
Max. Particle Diameter	6mm
Max. Installation Dimension	343*498*301mm
Weight	30kg
Noise	<80db



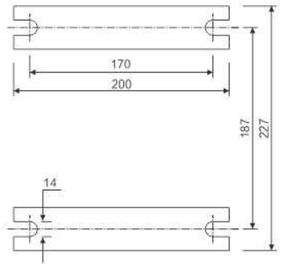


MATERIAL TEMPERATURE LIMITS

Hytrel	-20°—150°F(-29°—66°C)
Viton	-40°—350°F(-40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	-40°—225°F(-40°—107.2°C)
Nitrile	10°—180°F(-12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(-12.2°—82.2°C)



THE PUMP BODY BASE SIZE



BSK

BSK Fluid Technology LLC.

A40SS - X X X - X

SEAT MATERIAL
P-Polypropylene
O-Aluminum alloy
S-Stainless steel

BALL MATERIAL
T-PTEF
A-Acetal
Nitrile butadiene rubber
V-Viton
H-Hytrel
9-Santoprene

DIAPHRAGM MATERIAL
9-Santoprene
H-Hytrel
V-Viton
T-PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
A-BSP
B-NPT(F)

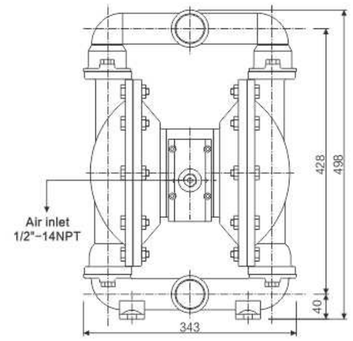




PRODUCT PARAMETERS

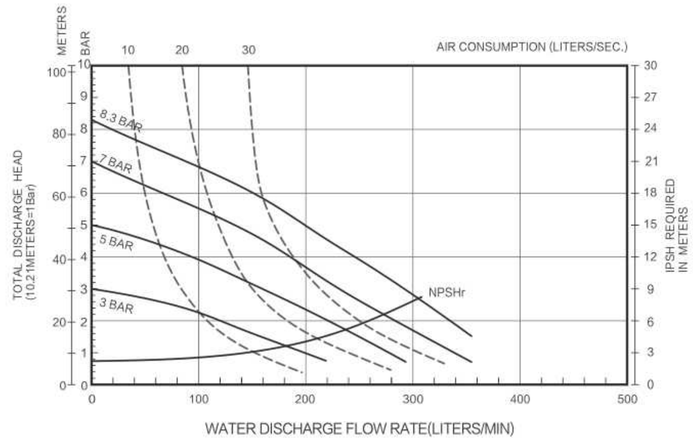
TECHNICAL PARAMETERS

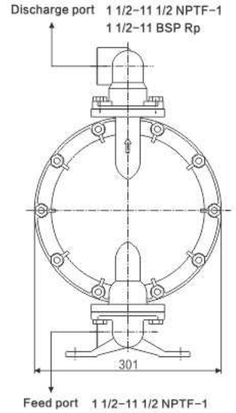
Air Inlet	1/2-14NPTF-1
Fluid Outlet	1-1/2"-11-1/2NPTF-1,1-1/2-11BSP
Fluid Inlet	1-1/2"-11-1/2NPTF-1,1-1/2-11BSP
Max. Flow	330L/Min
Max. Head	70M (Water)
Max. Self-priming Lift (dry)	4.5m
Max. Air Pressure	8.3bar
Max. Particle Diameter	6mm
Max. Installation Dimension	343*498*301mm
Weight	30kg
Noise	<80db



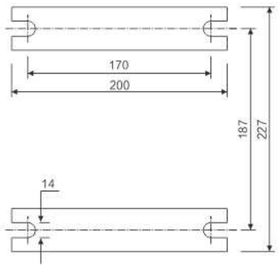
MATERIAL TEMPERATURE LIMITS

Hytrel	-20°—150°F(-29°—66°C)
Viton	-40°—350°F(-40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	-40°—225°F(-40°—107.2°C)
Nitrile	10°—180°F(-12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(-12.2°—82.2°C)





THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A50AL - X X X - X

SEAT MATERIAL
P-Polypropylene
O-Aluminum alloy
S-Stainless steel
9-Santoprene

BALL MATERIAL
T-PTEF
A-Acetal
Nitrile butadiene rubber
V-Viton
H-Hytrel
9-Santoprene

DIAPHRAGM MATERIAL
9-Santoprene
H-Hytrel
V-Viton
T-PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
A-BSP
B-NPT(F)



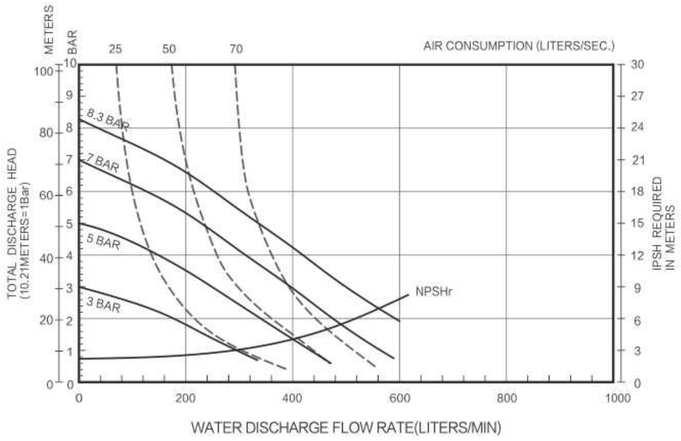
PRODUCT PARAMETERS

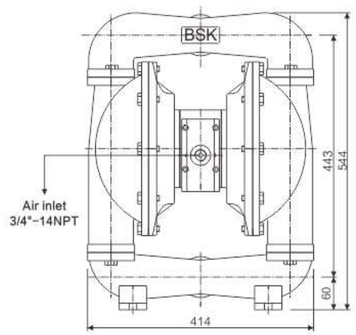
TECHNICAL PARAMETERS

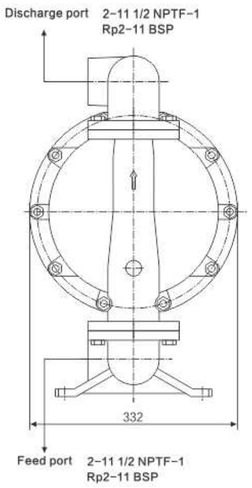
Air Inlet	3/4-14NPTF-1
Fluid Outlet	2-11-1/2NPTF-1,Rp2-11BSP
Fluid Inlet	2-11-1/2NPTF-1,Rp2-11BSP
Max. Flow	600L/Min
Max. Head	70M (Water)
Max. Self-priming Lift (dry)	4.5m
Max. Air Pressure	8.3bar
Max. Particle Diameter	7mm
Max. Installation Dimension	414*544*332mm
Weight	23kg
Noise	<80db

MATERIAL TEMPERATURE LIMITS

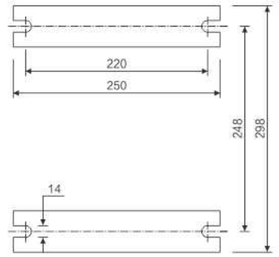
Hytrel	-20°—150°F(-29°—66°C)
Viton	-40°—350°F(-40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	-40°—225°F(-40°—107.2°C)
Nitrile	10°—180°F(-12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(-12.2°—82.2°C)







THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A50CS - X X X - X

SEAT MATERIAL
P–Polypropylene
O–Aluminum alloy
S–Stainless steel
9–Santoprene

BALL MATERIAL
T–PTEF
A–Acetal
Nitrile butadiene rubber
V–Viton
H–Hytrel
9–Santoprene

DIAPHRAGM MATERIAL
9–Santoprene
H–Hytrel
V–Viton
T–PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
C–Flange

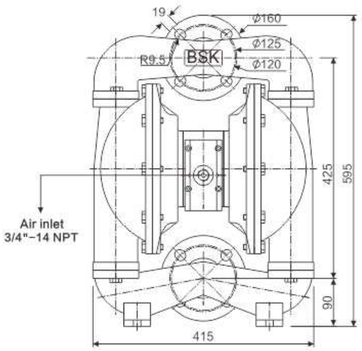


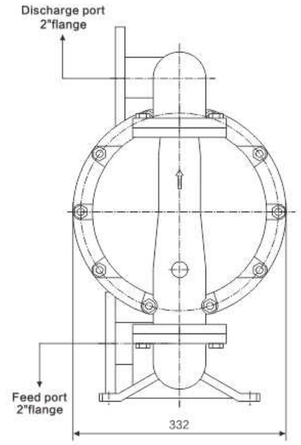


PRODUCT PARAMETERS

TECHNICAL PARAMETERS

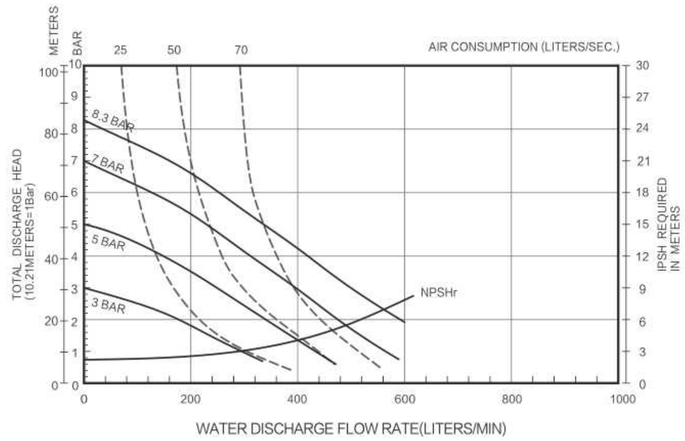
Air Inlet	3/4–14NPTF–1
Fluid Outlet	2"Flange
Fluid Inlet	2"Flange
Max. Flow	600L/Min
Max. Head	70M (Water)
Max. Self–priming Lift (dry)	4.5m
Max. Air Pressure	8.3bar
Max. Particle Diameter	7mm
Max. Installation Dimension	415*332*595mm
Weight	51.5kg
Noise	<80db

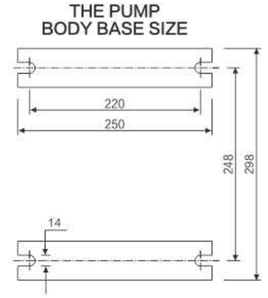




MATERIAL TEMPERATURE LIMITS

Hytrel	–20°—150°F(–29°—66°C)
Viton	–40°—350°F(–40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	–40°—225°F(–40°—107.2°C)
Nitrile	10°—180°F(–12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(–12.2°—82.2°C)





BSK
BSK Fluid Technology LLC.

A50SS - X X X - X

SEAT MATERIAL
P–Polypropylene
O–Aluminum alloy
S–Stainless steel

BALL MATERIAL
T–PTEF
A–Acetal
Nitrile butadiene rubber
V–Viton
H–Hytrel
9–Santoprene

DIAPHRAGM MATERIAL
9–Santoprene
H–Hytrel
V–Viton
T–PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
C–Flange



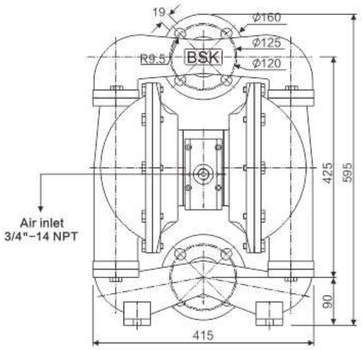
PRODUCT PARAMETERS

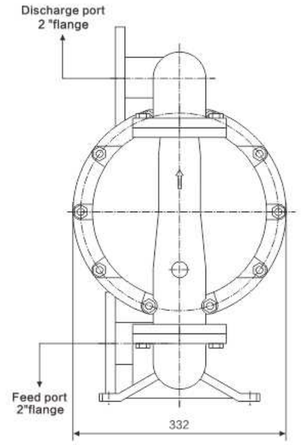
TECHNICAL PARAMETERS

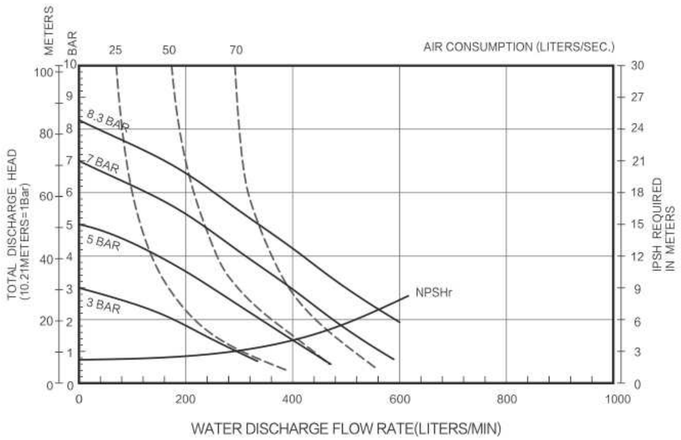
Air Inlet	3/4–14NPTF–1
Fluid Outlet	2"Flange
Fluid Inlet	2"Flange
Max. Flow	600L/Min
Max. Head	70M (Water)
Max. Self–priming Lift (dry)	4.5m
Max. Air Pressure	8.3bar
Max. Particle Diameter	7mm
Max. Installation Dimension	415*332*595mm
Weight	51.5kg
Noise	<80db

MATERIAL TEMPERATURE LIMITS

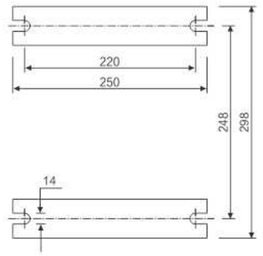
Hytrel	−20°—150°F(−29°—66°C)
Viton	−40°—350°F(−40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
Santoprene	−40°—225°F(−40°—107.2°C)
Nitrile	10°—180°F(−12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(−12.2°—82.2°C)







THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A80AL - X X X - X

SEAT MATERIAL
P-Polypropylene
O-Aluminum alloy
S-Stainless steel
9-Santoprene

BALL MATERIAL
9-Santoprene
H-Hytrel
Nitrile butadiene rubber
A-Acetal
T-PTEF

DIAPHRAGM MATERIAL
9-Santoprene
H-Hytrel
T-PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
A-BSP
B-NPT(F)





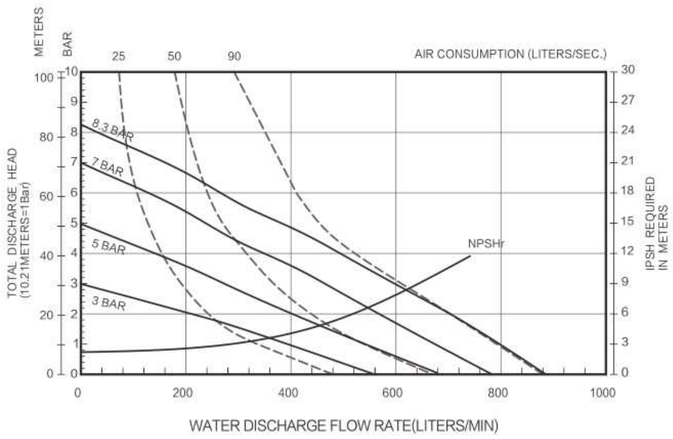
PRODUCT PARAMETERS

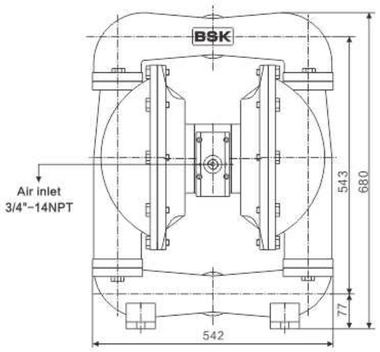
TECHNICAL PARAMETERS

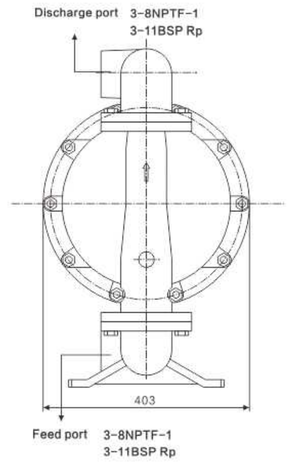
Air Inlet	3/4-14NPTF-1
Fluid Outlet	3-8NPTF-1,3-11BSP
Fluid Inlet	3-8NPTF-1,3-11BSP
Max. Flow	880L/Min
Max. Head	70M (Water)
Max. Self-priming Lift (dry)	4.5m
Max. Air Pressure	8.3bar
Max. Particle Diameter	9mm
Max. Installation Dimension	542*680*403mm
Weight	42kg
Noise	<85db

MATERIAL TEMPERATURE LIMITS

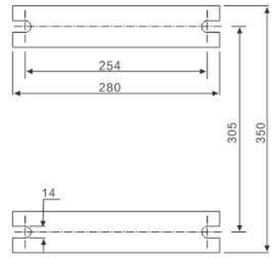
Hytrel	-20°—150°F(-29°—66°C)
Viton	-40°—350°F(-40°—176.6°C)
Acetal	40°—150°F(4.4°—65.5°C)
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Nitrile	10°—180°F(-12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(-12.2°—82.2°C)







THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A80CS - X X X - X

SEAT MATERIAL
S–Stainless steel
P–Polypropylene
O–Aluminum alloy
9–Santoprene

BALL MATERIAL
9–Santoprene
H–Hytrel
V–Viton
Nitrile butadiene rubber
A–Acetal
T–PTEF

DIAPHRAGM MATERIAL
9–Santoprene
H–Hytrel
V–Viton
T–PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
C–Flange



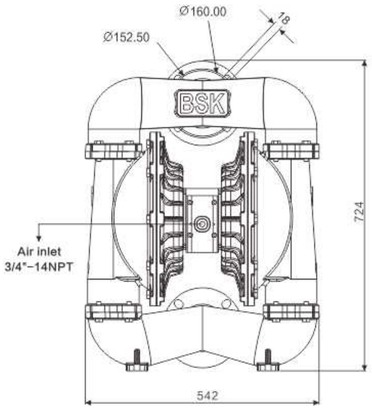
PRODUCT PARAMETERS

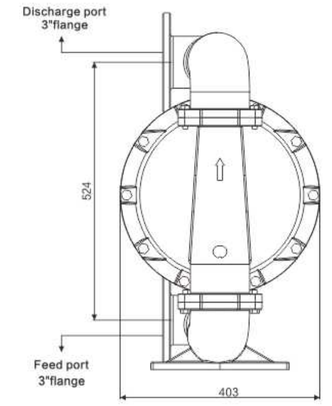
TECHNICAL PARAMETERS

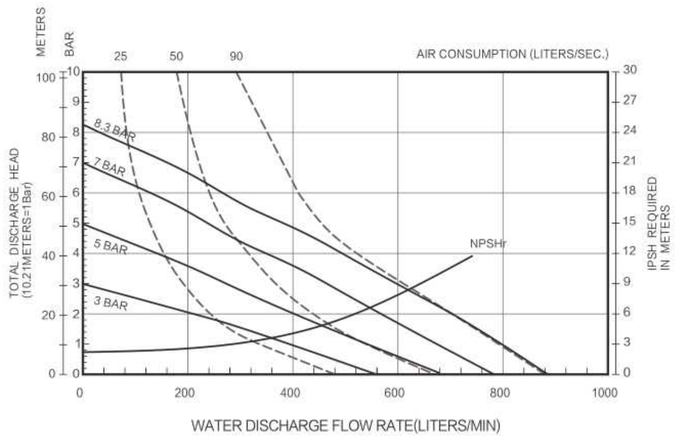
Air Inlet	3/4–14NPTF–1
Fluid Outlet	3"Flange
Fluid Inlet	3"Flange
Max. Flow	880L/Min
Max. Head	70M (Water)
Max. Self–priming Lift (dry)	4.5m
Max. Air Pressure	8.3bar
Max. Particle Diameter	9mm
Max. Installation Dimension	542*724*403mm
Weight	91kg
Noise	<85db

MATERIAL TEMPERATURE LIMITS

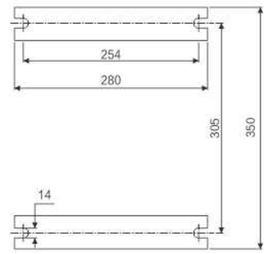
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Santoprene	-40°—225°F(-40°—107.2°C)
Nitrile	10°—180°F(-12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(-12.2°—82.2°C)







THE PUMP BODY BASE SIZE



BSK
BSK Fluid Technology LLC.

A80SS - X X X - X

SEAT MATERIAL
S–Stainless steel
P–Polypropylene
O–Aluminum alloy

BALL MATERIAL
9–Santoprene
H–Hytrel
V–Viton
Nitrile butadiene rubber
A–Acetal
T–PTEF

DIAPHRAGM MATERIAL
9–Santoprene
H–Hytrel
V–Viton
T–PTEF/Santoprene
Nitrile butadiene rubber

THE MOUTH FORMS
C–Flange





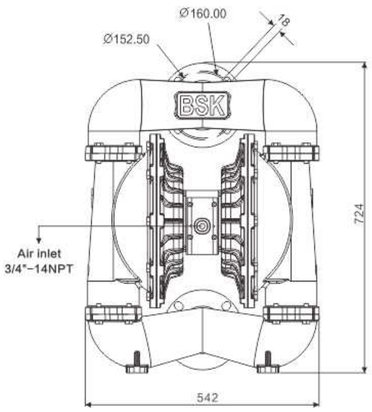
PRODUCT PARAMETERS

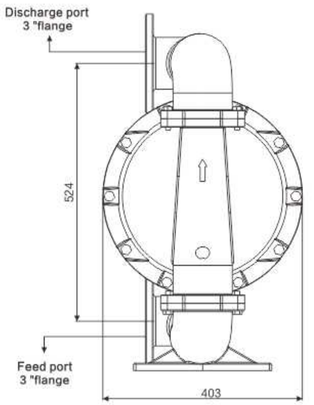
TECHNICAL PARAMETERS

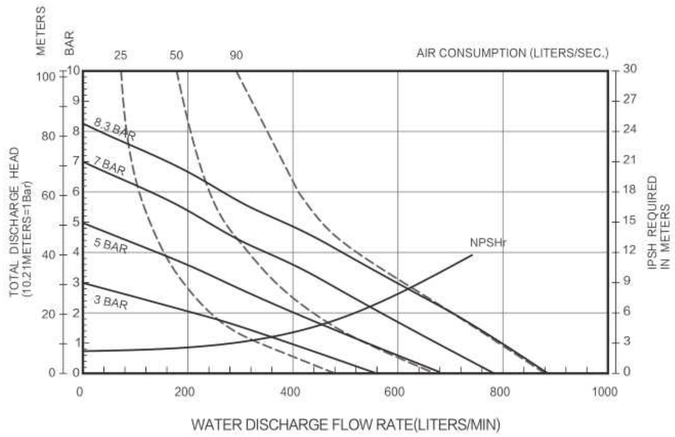
Air Inlet	3/4–14NPTF–1
Fluid Outlet	3"Flange
Fluid Inlet	3"Flange
Max. Flow	880L/Min
Max. Head	70M (Water)
Max. Self–priming Lift (dry)	4.5m
Max. Air Pressure	8.3bar
Max. Particle Diameter	9mm
Max. Installation Dimension	542*724*403mm
Weight	95kg
Noise	<85db

MATERIAL TEMPERATURE LIMITS

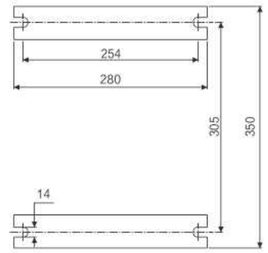
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Viton	−40°—350°F(−40°—176.6°C)
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Nitrile	10°—180°F(−12°—82°C)
Teflon	40°—220°F(4.4°—104°C)
Polypropylene	32°—175°F(0°—79.4°C)
Nitrile butadiene rubber	10°—180°F(−12.2°—82.2°C)







THE PUMP BODY BASE SIZE



BSK

WARNING

Halogenated solvents warning

Under certain conditions, halogenated solvents can be corrosion of aluminum or galvanized parts. If a liquid contact part or pressurized fluid system containing aluminum or galvanized parts, this corrosion can lead to an explosion. Although this kind of solvent manufacturers generally added inhibitor, but there are no known inhibitors can prevent the occurrence of corrosion reaction in all conditions. Treatment and recovery or used solvents, especially need to be careful, because inhibitors usually have degradation. This kind of material can only use stainless steel or polyvinylidene fluoride (PVDF) pump. Typical halogenated hydrocarbon solvents (H.H.C.) including but not limited to: chloroform, trichloroethylene, dichloromethane, methyl chloride, carbon tetrachloride, chloroform, two vinyl chloride.

Elastomer Selection Guide

The following liquid breakdown usually cannot be used in conjunction with neoprene or nitrile rubber, may need to Santoprene®, Viton®, Nordel and / or ptfe.

A. Ketones and aldehydes

1. Methyl ethyl ketone
2. Methyl acetone
3. Acetone
4. Formaldehyde

Santoprene®
Nordel/Teflon

B. Acetate

1. Ethyl acetate
2. Isopropyl acetate
3. Amyl acetate
4. Butyl acetate

Santoprene®
Nordel/Teflon

C. Aromatic hydrocarbon

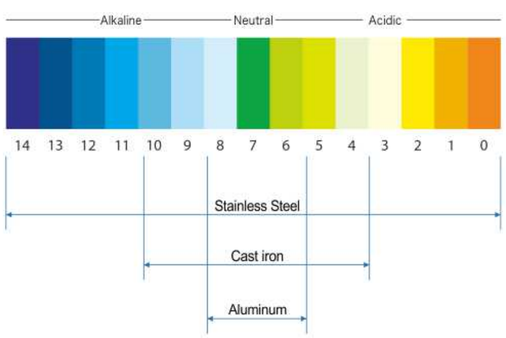
1. Benzene
2. Toluene
3. Xylene
4. Crude benzene
5. Hexane
6. Cyclohexane
7. Naphthalene

Viton®/Teflon

D. Chlorinated hydrocarbon

1. Carbon tetrachloride
2. Trichloroethylene
3. Two vinyl chloride
4. Methane chloride
5. Allyl chloride
6. Chloroform
7. Two vinyl chloride

Viton®/Teflon





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www.bskfluid.com