



**HIGH PRESSURE
DIAPHRAGM
PUMP**

BSK Fluid Technology LLC

Add: 2300 McDermott RD Ste200-336 Plano, Tx75025 U.S.A

E-mail: sales@bskfluid.com

<http://www.bskfluid.com>

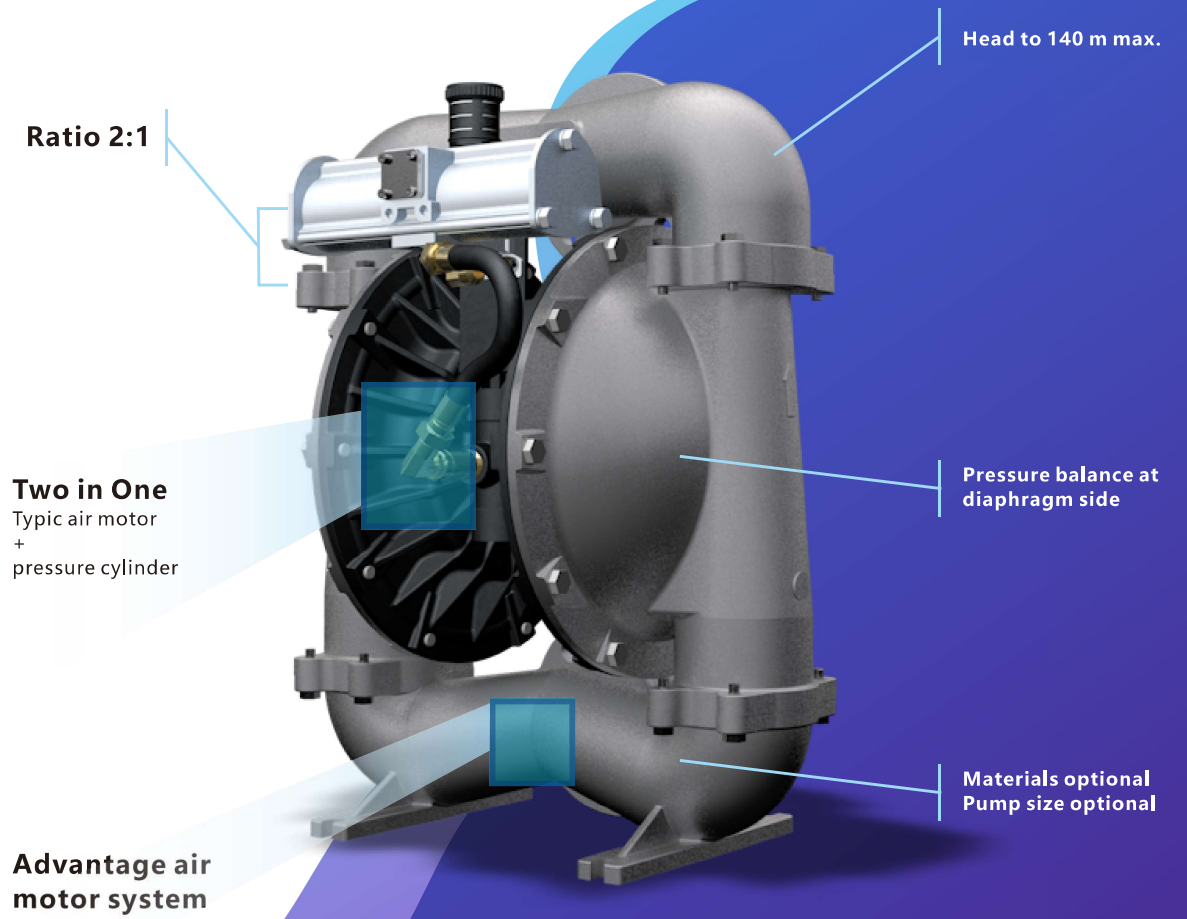
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High Pressure

Energy Conservation

Reliable

Application



HA25 XX-X X X X-X

- Suction/Discharge Port**
A-BSP B-NPT C-Flange
- Valve seat O-ring Materials**
1 - NBR 3 - PTFE(Full) 4 - PTFE(Cover)
- Diaphragm Materials**
9-Santoprene® T-PTFE/Santoprene®
- Valve Ball Materials**
9-Santoprene® T-PTFE S-Stainless steel
- Valve Seat Materials**
P - UPE T - PTFE
- Wetted Materials**
AL - Aluminum SS - Stainless steel PP - Polypropylene
PV - PVDF



Pump Size	1"	
Centerbody material	Aluminum alloy	
Ratio	2:1	
Air inlet pressure Max.(Mpa)	0.7	
Fluid output pressure Max.(Mpa)	0-1.4	
Max. flow rate(lpm)	192	
Max. suction lift - dry(m)	6.7	
Displacement / cycle(L)	0.87	
Max. Particle size(mm)	3.0	
Noise level @70psi(dB)	77	
Weight (kg)	Aluminum alloy	11.0
	Stainless steel	16.0
	Polypropylene	11.0
	PVDF	14.0

HA40 XX-X X X X-X

- Suction/Discharge Port**
A-BSP B-NPT C-Flange
- Valve seat O-ring Materials**
1 - NBR 3 - PTFE(Full) 4 - PTFE(Cover)
- Diaphragm Materials**
9-Santoprene® T-PTFE/Santoprene®
- Valve Ball Materials**
9-Santoprene® T-PTFE 8-Santoprene® Steel core
- Valve Seat Materials**
P - UPE S-Stainless steel C - Carbon steel
- Wetted Materials**
AL - Aluminum SS - Stainless steel PP - Polypropylene
CI - Cast iron

Pump Size	1.5"	
Centerbody material	Aluminum alloy	
Ratio	2:1	
Air inlet pressure Max.(Mpa)	0.7	
Fluid output pressure Max.(Mpa)	0-1.4	
Max. flow rate(lpm)	378.5	
Max. suction lift - dry(m)	6.7	
Displacement / cycle(L)	2.83	
Max. Particle size(mm)	6.0	
Noise level @70psi(dB)	75	
Weight (kg)	Aluminum alloy	23.5
	Stainless steel	35.5
	Polypropylene	35.5
	PVDF	24.5



HA50 XX-X X X X-X

Suction/Discharge Port

A-BSP B-NPT C-Flange

Valve seat O-ring Materials

1 - NBR 3 - PTFE(Full) 4 - PTFE(Cover)

Diaphragm Materials

9-Santoprene® T-PTFE/Santoprene®

Valve Ball Materials

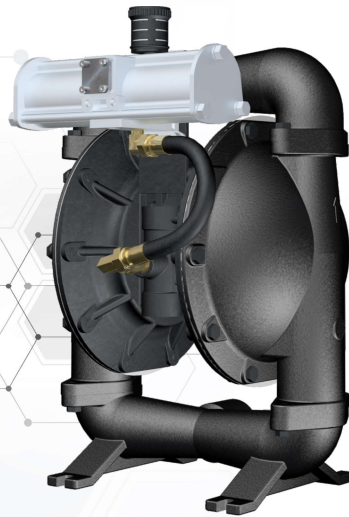
9-Santoprene® T-PTFE 8-Santoprene® Steel core

Valve Seat Materials

S-Stainless steel C - Carbon steel D - POM

Wetted Materials

AL - Aluminum SS - Stainless steel PP - Polypropylene
CI - Cast iron



Pump Size	2"	
Centerbody material	Aluminum alloy	
Ratio	2:1	
Air inlet pressure Max.(Mpa)	0.7	
Fluid output pressure Max.(Mpa)	0-1.4	
Max. flow rate(lpm)	667	
Max. suction lift - dry(m)	6.2	
Displacement / cycle(L)	3.78	
Max. Particle size(mm)	7.0	
Noise level @70psi(dB)	75	
Weight (kg)	Aluminum alloy	30
	Stainless steel	58.5
	Polypropylene	54
	PVDF	36

HA80 XX-X X X X-X

- Suction/Discharge Port**
A-BSP B-NPT C-Flange
- Valve seat O-ring Materials**
1 - NBR 3 - PTFE(Full)
- Diaphragm Materials**
9-Santoprene® T-PTFE/Santoprene®
- Valve Ball Materials**
9-Santoprene® T-PTFE
- Valve Seat Materials**
S-Stainless steel C - Carbon steel D - POM
- Wetted Materials**
AL - Aluminum SS - Stainless steel CI - Cast iron



Pump Size	3"	
Centerbody material	Aluminum alloy	
Ratio	2:1	
Air inlet pressure Max.(Mpa)	0.7	
Fluid output pressure Max.(Mpa)	0-1.4	
Max. flow rate(lpm)	903	
Max. suction lift – dry(m)	5.3	
Displacement / cycle(L)	7.67	
Max. Particle size(mm)	9.0	
Noise level @70psi(dB)	75	
Weight (kg)	Aluminum alloy	47.5
	Stainless steel	100.5
	Polypropylene	96.5