



**HIGH PRESSURE  
DIAPHRAGM  
PUMP**

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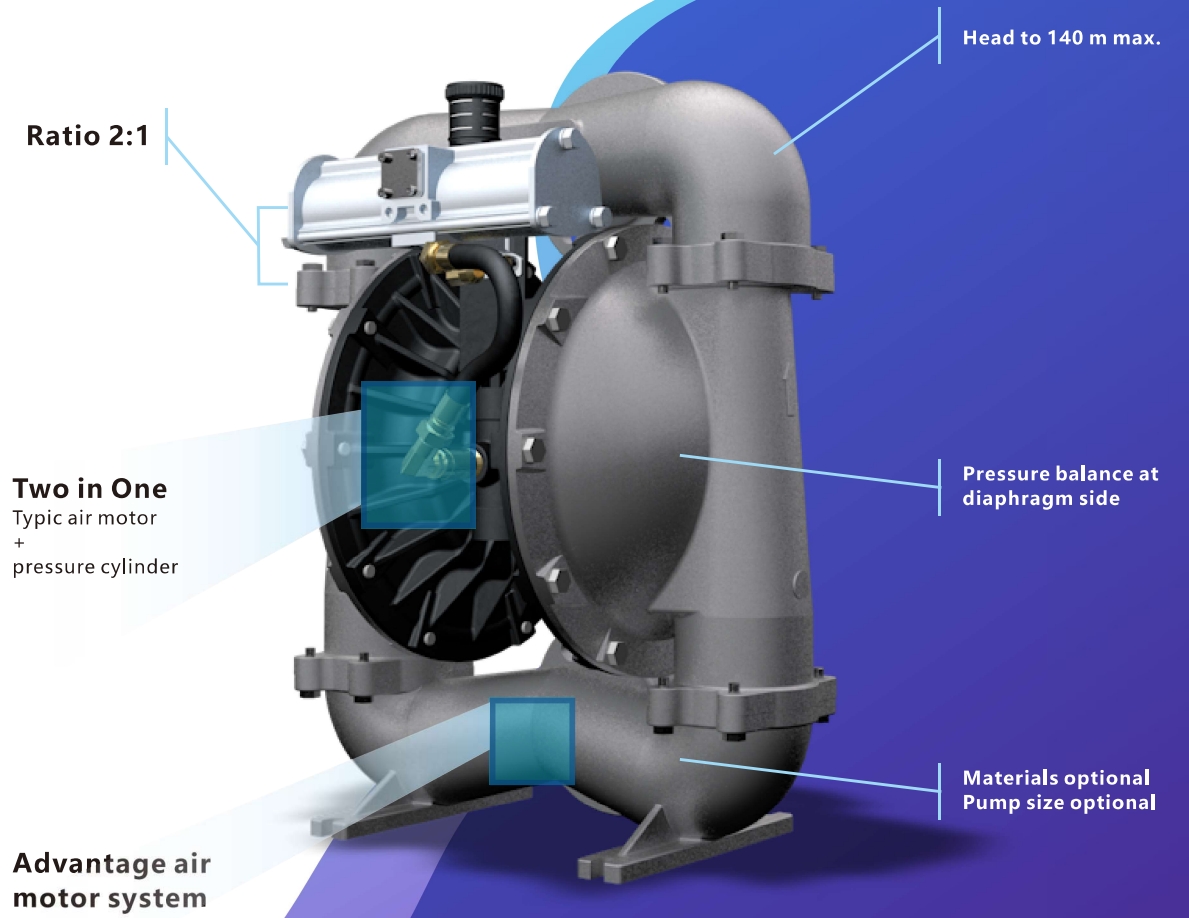
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High Pressure

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**

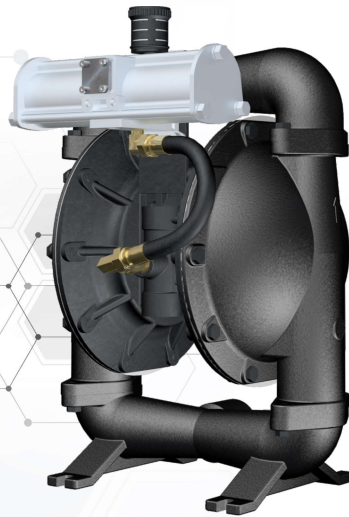
9-Santoprene® T-PTFE 8-Santoprene® Steel core

**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