

Section 9

AODD Pumps

Section 9 Air Operated Double Diaphragm Pumps

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AODD Pumps

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FLUIMAC

Air Operated Double Diaphragm Pumps

Standard Features:

- Self Priming, Variable Flow Rates & Discharge Pressures, Dead Head without Damage, Run Dry without Damage, High Solids Handling, Viscous Liquids Handling, Corrosive Liquids Handling, Gentle on Shear Sensitive Fluids, 12 Month Warranty*

Available Models:



PHOENIX

Air Operated Double Diaphragm Pumps
Available in PP, PVDF, Aluminium, Stainless steel POMc
Flow Rates from 7lpm to 1000lpm



PHOENIX FOOD

Air Operated Double Diaphragm Pumps
Electropolished 316 Stainless steel, with Tri Clamp connections
Flow Rates from 20lpm to 1000lpm



PHOENIX ATEX

Air Operated Double Diaphragm Pumps
Certified for Zone 1 Hazardous Areas
Flow Rates from 7lpm to 1000lpm



ACCURATE PHOENIX

Air Operated Double Diaphragm Pumps
Stroke By Stroke Remote Speed Control
Flow Rates from 7lpm to 250 lpm



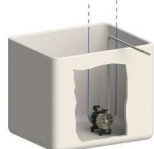
TWIN PHOENIX

Air Operated Double Diaphragm Pumps
Double inlet/outlet connections for equal pumping of two medias
Flow Rates from 7lpm to 700 lpm



POWDER PHOENIX

Air Operated Double Diaphragm Pumps
Special design to handle powder
Available in Aluminium, 316SS,



SUBMERSIBLE PHOENIX

Air Operated Double Diaphragm Pumps
Configured To Operate When submerged
Flow Rates from 7 to 1000 lpm.

Applications:

Wastewater, chemicals, oils, ink, paint, industrial washing & de-greasing, drum transfer, sand slurries, cleaning products, solvents, lacquers, chemical transfer, sump pump.

* Please refer to 'Aqua Products Limited' terms and conditions of sale for complete warranty conditions.

Section 9

AODD Pumps

FLUIMAC PHOENIX

Air Operated Double Diaphragm Pumps

Standard Features:

- Self Priming
- Submersible or Dry Mount
- Variable Flow Rates & Discharge Pressures
- Dead Head without Damage
- Run Dry without Damage
- High Solids Handling
- Viscous Liquids Handling
- Corrosive Liquids Handling
- Gentle on Shear Sensitive Fluids
- 12 Month Warranty*



Sizes:

Model	Max Head m	Max Capacity l/m	Max Viscosity cPs	Connections Inch BSP	Max Solids Size mm
P007	60	7	5,000	1/4	2
P018	70	20	10,000	3/8	2.5
P030	70	35	15,000	1/2	3
P055	80	55	15,000	1/2	3.5
P060	80	65	20,000	1/2	3.5
P090	80	100	25,000	3/4	4
P120	80	120	25,000	1	4
P170	80	170	35,000	1	7.5
P252	80	250	35,000	1-1/4	7.5
P400	80	380	40,000	1-1/2	8
P700	80	700	50,000	2	8.5
P1000	80	1050	55,000	3	12

Options:

Connections	BSP standard. NPT or Flanged on request
Pump Case Material	PP, PVDF, Aluminium, 316SS, POMc
Diaphragms	Keyflex, Santoprene, PTFE
Balls	EPDM, NBR, PTFE, 316SS
Ball Seats	PVDF, 316SS, PP, UPPE
O-Rings	EPDM, Viton, NBR, PTFE
Hazardous Areas	ATEX Zone 1 Rated Versions

Applications:

Wastewater, chemicals, oils, ink, paint, industrial washing & de-greasing, drum transfer, sand slurries, cleaning products, solvents, lacquers, chemical transfer, sump pump.

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FLUIMAC Flow Curves for AODD Pumps

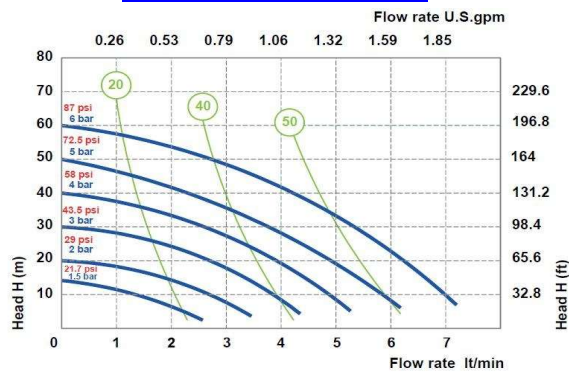


Air supply pressure

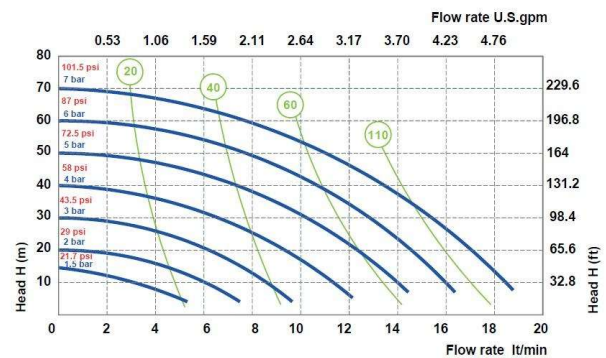


Air consumption
Nl/min

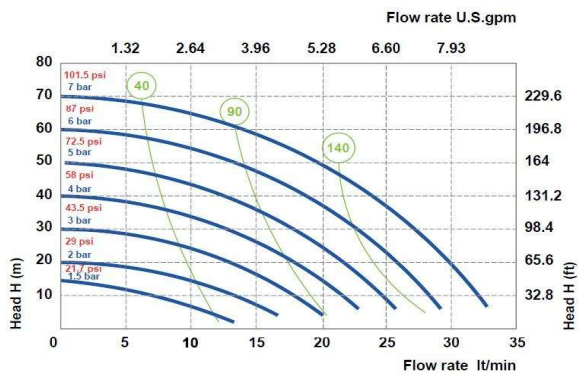
P007 Curve



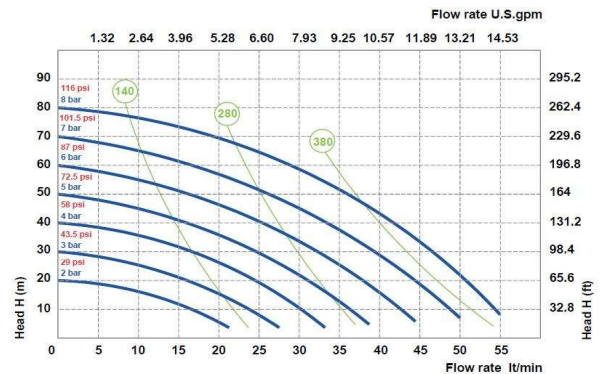
P018 Curve



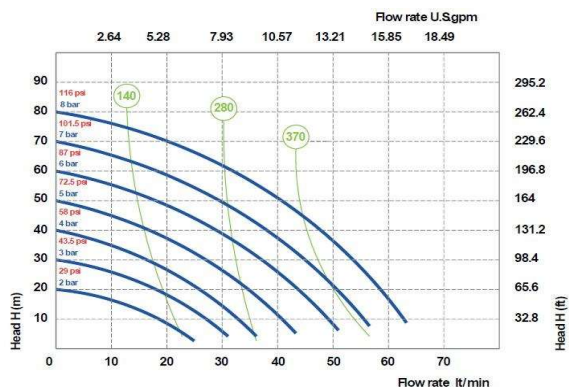
P030 Curve



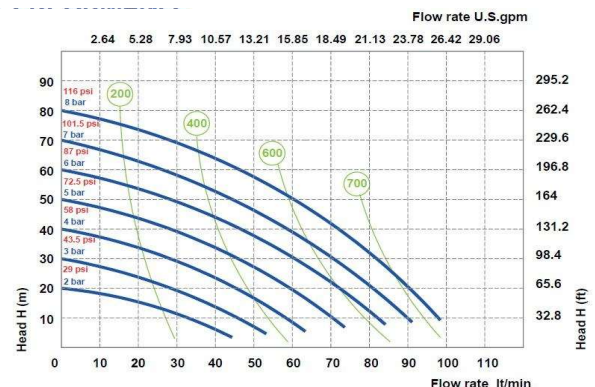
P055 Curve



P060 Curve



P090 Curve



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FLUIMAC Flow Curves for AODD Pumps

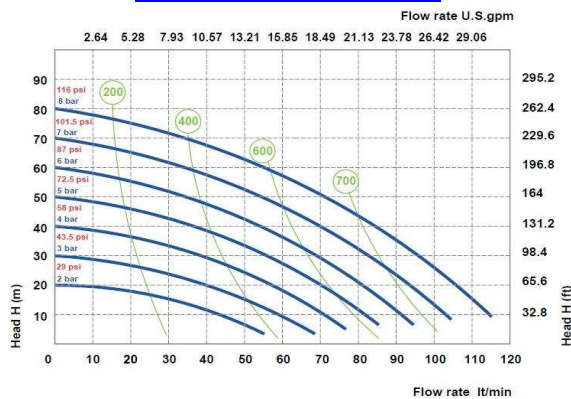


Air supply pressure

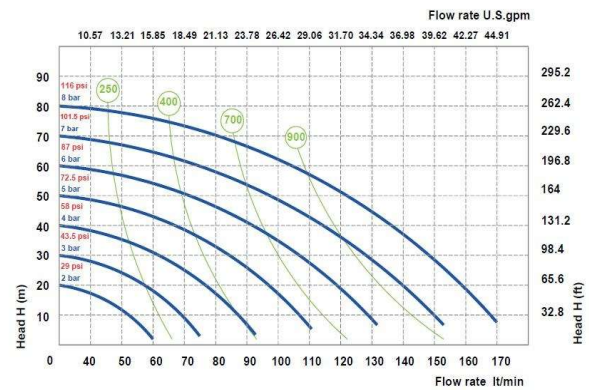


Air consumption
Nl/min

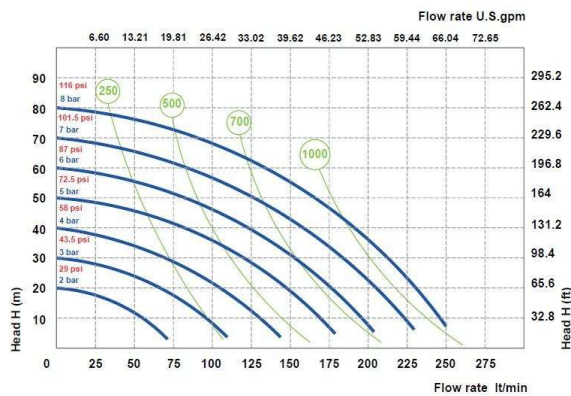
P120 Curve



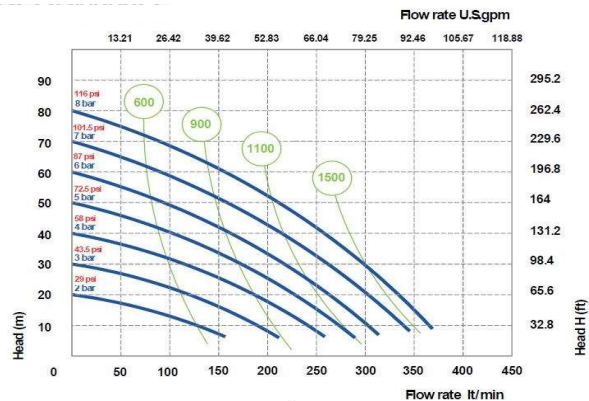
P170 Curve



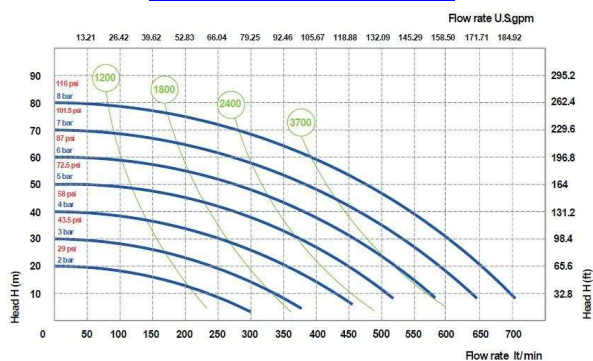
P252 Curve



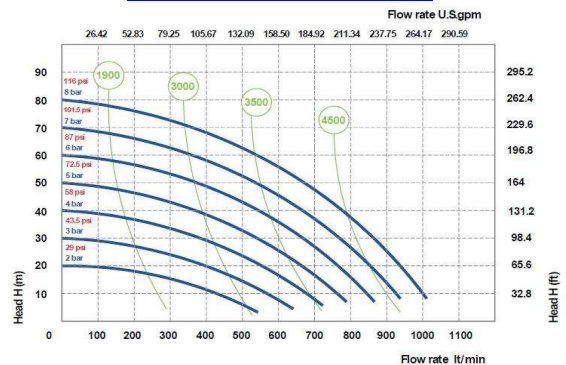
P400 Curve



P700 Curve



P1000 Curve





09 281 1865 • sales@aquasales.co.nz • www.aquasales.co.nz