

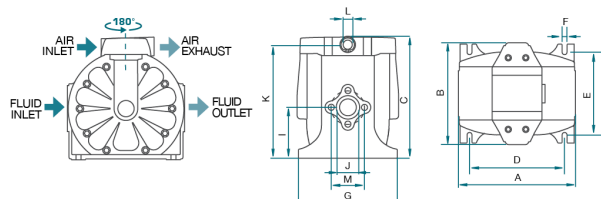
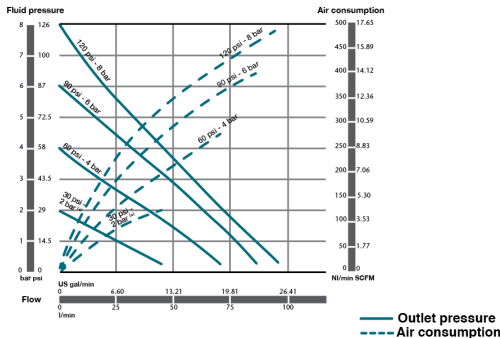


NEW PRODUCT

INFORMATION

551010

## Samoa 1" Air Operated Diaphragm Pump



A	B	C	D	E	F*	G	I	J	K	L	M
216	189	227	175	154	9	184	94'5	1 (F)	210	3/8 (F)	62
A	B	C	D	E	F*	G	I	J	K	L	M
8 1/2	6 19/64	8 15/16	6 57/64	6 1/16	23/64	7 1/4	3 23/32	1 (F)	8 17/64	3/8 (F)	2 7/16



February 2022

The Samoa 551010 1" Air Operated Diaphragm Pump sets new standards of performance and efficiency created by its Directflo® technology where fluid is pumped through the centre of the pump and compressed air acts on the outside face of the diaphragms.

Higher suction capacity, reduced air consumption, shorter strokes and quiet operation all contribute to the 551010 resulting in extended diaphragm life, better resistance to abrasion, less stress on parts with minimum pulsation and vibration.

The difference offered by the Samoa 551010 1" Air Operated Diaphragm Pump is achieved through:

### Higher Efficiency

Maximum fluid flow with minimum air consumption

### Increased Reliability

No stalling, non icing, reliable start up and longer air valve and diaphragm life.

### Superior Pumping Performance

Ability to pump medium viscosity fluids over long pipe runs and up to significant heights

### Easy Servicing

Exclusive Directflo® central flow design allows fast servicing of diaphragms and air motor without dismounting from the fluid line

### SPECIFICATIONS, FEATURES AND BENEFITS

- 1:1 pressure ratio
- Maximum free delivery of 100L/min
- Delivery per stroke of 0.35L
- Air pressure operating range of 45psi to 100psi (3bar to 7bar)
- 3/4" NPSM(f) air inlet
- Maximum dry suction head of 4.5m
- Maximum wet suction head of 7m
- 1" BSPP(f) inlet/outlet
- Aluminium wetted material
- Hytrel diaphragms & check balls
- Solids in suspension maximum size of 4mm
- Transfers oil, waste oil, antifreeze, ATF and water