

# DP200 - PERFORMER SERIES

## TECHNICAL DATA

|                                    | METAL                        | PLASTIC                      |
|------------------------------------|------------------------------|------------------------------|
| PRESSURE RATIO                     | 1:1                          | 1:1                          |
| MAXIMUM FREE DELIVERY              | 200 l/min (53 gal/min)       | 200 l/min (53 gal/min)       |
| AIR PRESSURE OPERATING RANGE       | 1,5 to 8 bar (22 to 120 psi) | 1,5 to 8 bar (22 to 120 psi) |
| SOLIDS IN SUSPENSION MAXIMUM SIZE  | 6 mm (1/4")                  | 6 mm (1/4")                  |
| MAXIMUM DRY SUCTION LIFT           | 5 m (16')                    | 5 m (16')                    |
| MAXIMUM WET SUCTION LIFT           | 8 m (26')                    | 8 m (26')                    |
| FLUID INLET AND OUTLET CONNECTIONS | 1" BSPP (F)                  | 1" Flange                    |
| AIR INLET CONNECTION               | 3/8" NPSM (F)                | 3/8" NPSM (F)                |
| AIR VALVE                          | Frictionless Pivot Valve     | Frictionless Pivot Valve     |
| WEIGHT                             | 11,5 kg (23.35 lb)           | 10,5 kg (23.15 lb)           |
| OTHER WETTED PARTS                 | See available materials      | See available materials      |

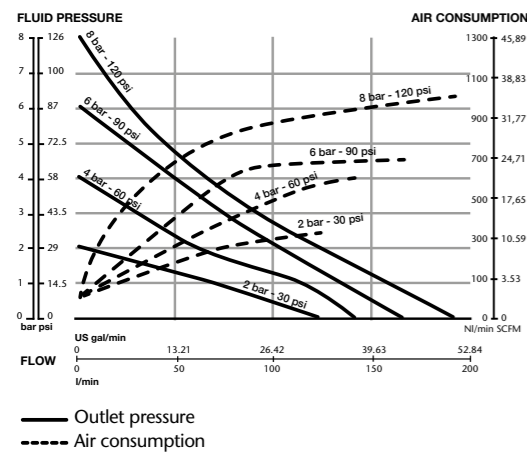
### METAL

### PLASTIC

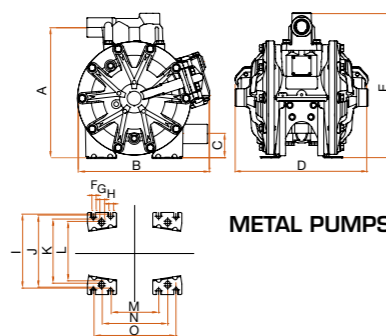
Very robust design for the toughest applications.

Recommended for some submersible applications and aggressive atmospheres.

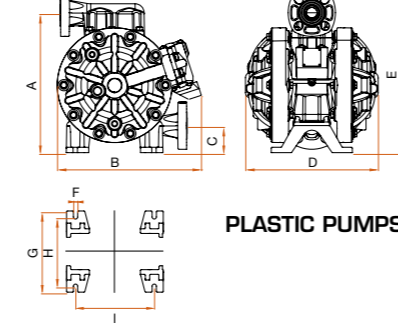
## PERFORMANCE CURVES



## DIMENSIONS mm (inches)



| A               | B                | C                 | D            | E                 | F               | G/H             |
|-----------------|------------------|-------------------|--------------|-------------------|-----------------|-----------------|
| 278<br>(11")    | 280<br>(11")     | 52<br>(2")        | 281<br>(11") | 308<br>(12 2/16") | 9<br>(11/32")   | 10<br>(13/32")  |
| I               | J                | K                 | L            | M                 | N               | O               |
| 158<br>(6 1/4") | 154<br>(6 1/16") | 137<br>(5 13/32") | 127<br>(5")  | 102<br>(4")       | 140<br>(5 1/2") | 175<br>(6 7/8") |

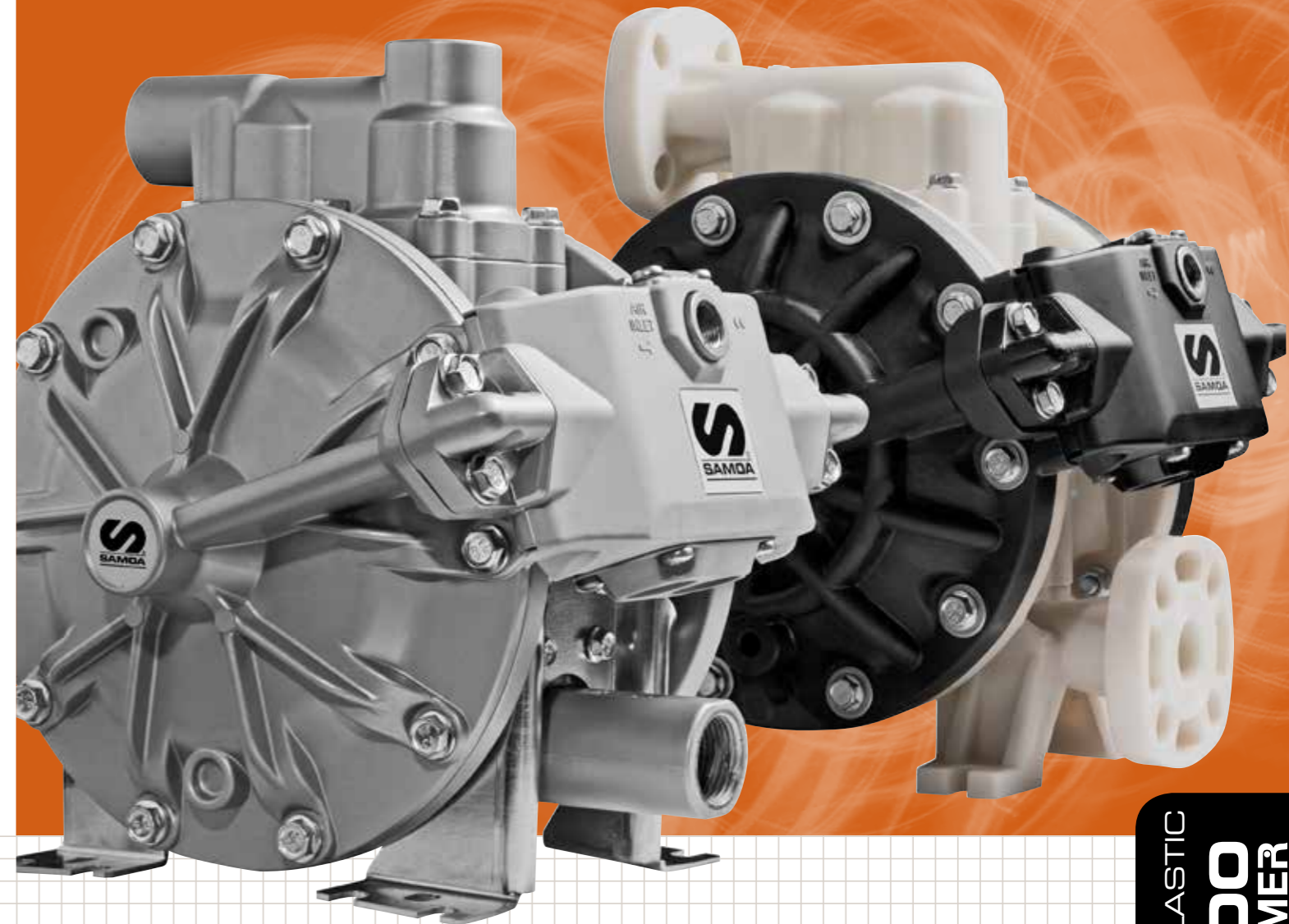


| A                | B                  | C                | D                | E                |
|------------------|--------------------|------------------|------------------|------------------|
| 311<br>(12 1/4") | 320<br>(12 19/32") | 60<br>(2 1/3")   | 295<br>(11 7/8") | 364<br>(14 1/3") |
| F                | G                  | H                | I                |                  |
| 9<br>(11/32")    | 180<br>(7 3/32")   | 154<br>(6 1/16") | 175<br>(6 7/8")  |                  |

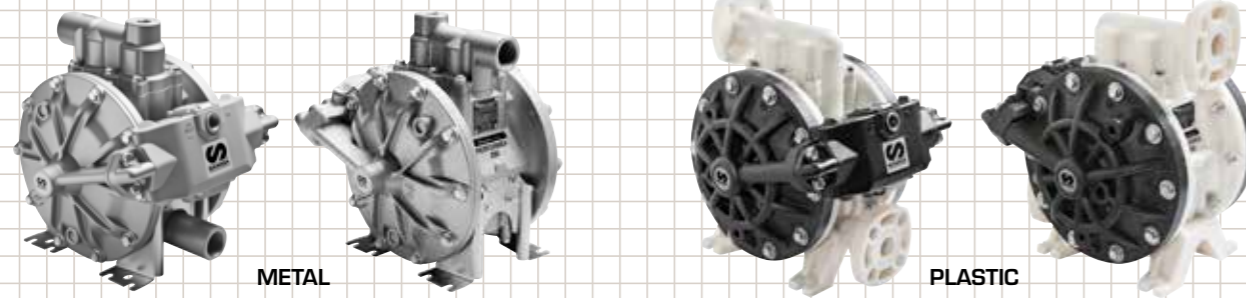
# DP200 PUMPS

## PERFORMER SERIES

### Enhanced Leading Technology



## 1" Air Operated Diaphragm Pumps



METAL & PLASTIC  
**DP200**  
PERFORMER



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## DP200 - PERFORMER SERIES

1" Air operated diaphragm pump.

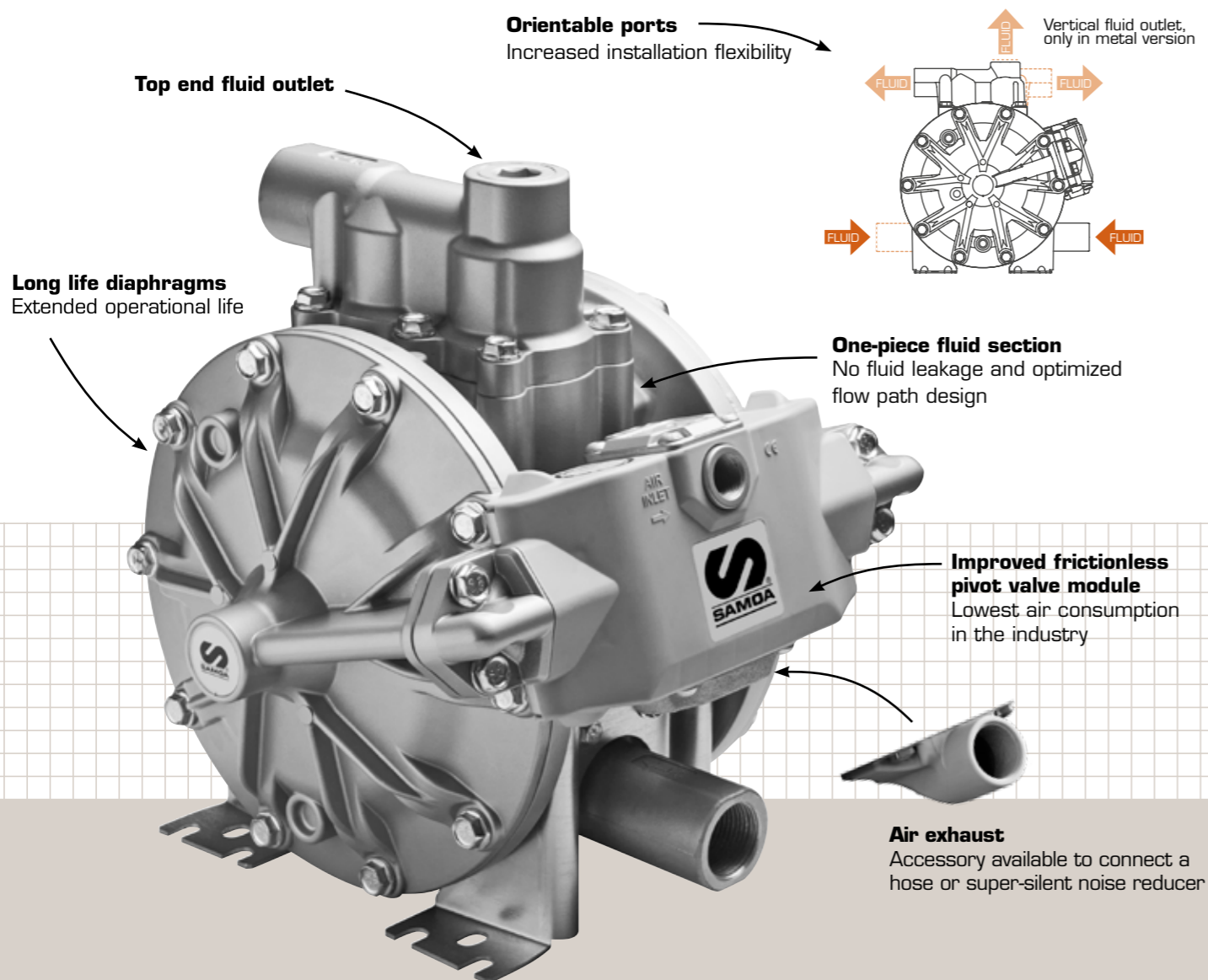
200 l/min  
53 gal/min

The new SAMOA Directflo® 1" pump, DP200 Performer Series, is developed for maximum performance and efficiency, exceeding market expectations.

### PERFORMER SERIES SETS NEW STANDARDS IN DIRECTFLO® TECHNOLOGY

- ▶ New check valve design.
- ▶ Improved air motor.
- ▶ Top and lower fluid manifolds.
- ▶ Orientable ports.
- ▶ One-piece diaphragms.

- Higher suction capacity.
- Reduced air consumption.
- Shorter strokes.
- Quiet operation.
- Extended diaphragm life.
- Better resistance to abrasion.
- Less stress on parts.
- Minimum pulsation and vibration.



## DP200 - PERFORMER SERIES

1" Air operated diaphragm pump.

### THE NEW PERFORMER SERIES MAKES THE DIFFERENCE THROUGH:

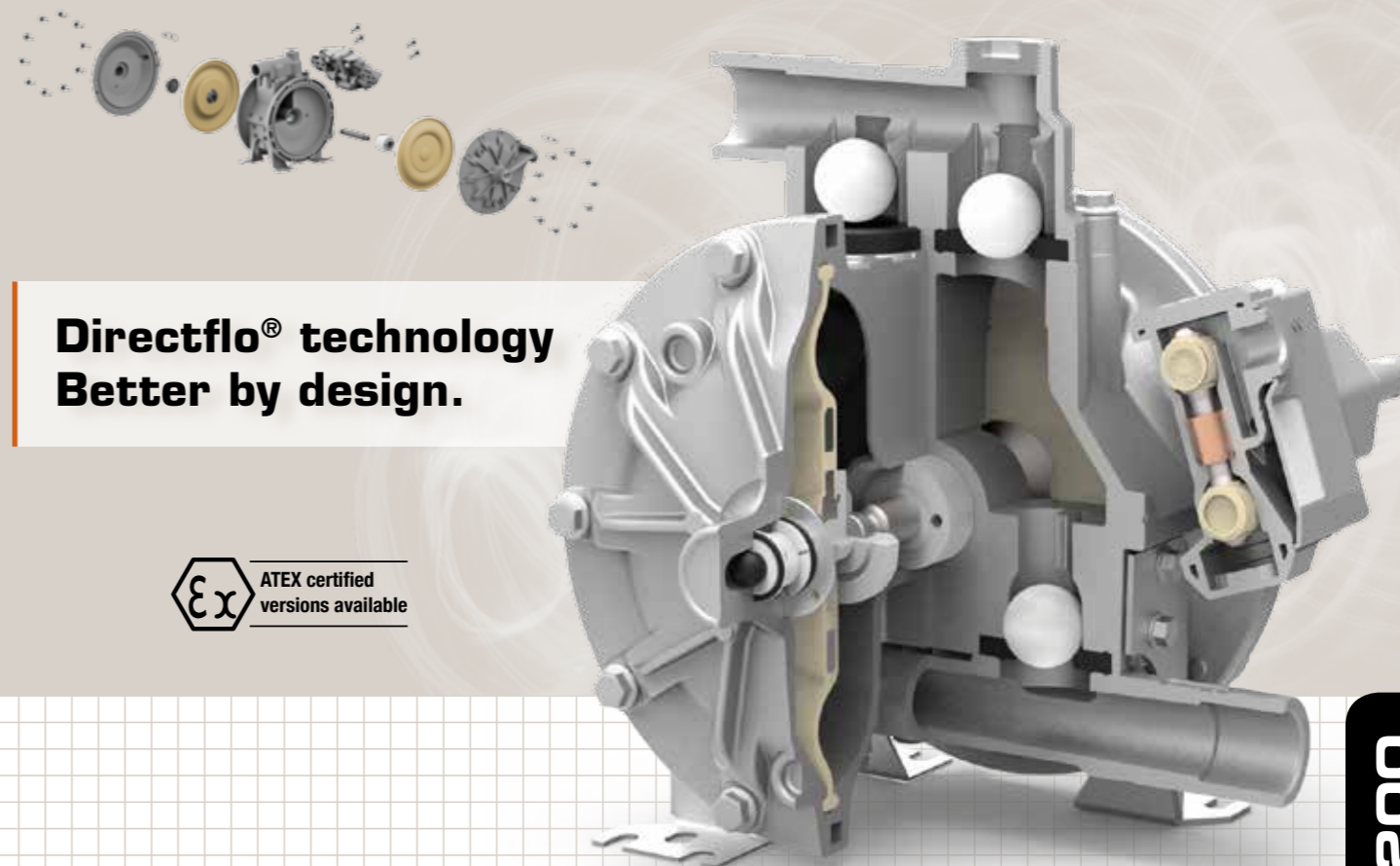
**HIGHER EFFICIENCY.** Maximum fluid flow with minimum air consumption.

**INCREASED RELIABILITY.** No stall, non icing, reliable start up and longer air valve and diaphragm life.

**MAXIMUM VERSATILITY.** Orientable inlet and outlet ports offer multiple mounting options and large material selection offers maximum fluid compatibility.

**EASY SERVICING.** Exclusive Directflo® central flow design allows fast servicing of diaphragms and air motor without dismantling it from the fluid line.

MAXIMUM PERFORMANCE



Directflo® technology  
Better by design.

ATEX certified  
versions available

DP200  
PERFORMER

Exclusive Directflo® pump technology.

PROVEN SUPERIOR PERFORMANCE | SIMPLE | RELIABLE | DURABLE | COMPACT | SMOOTH RUNNING | COST EFFICIENT

### MODELS AVAILABLE

| PUMP SIZE                      | PART NUMBER | PUMP BODY     | DIAPHRAGMS | BALLS  | OTHER WETTED PARTS      | APPLICATIONS   |
|--------------------------------|-------------|---------------|------------|--------|-------------------------|--|
| DP200 METAL PUMP (200 L/MIN)   | 555 010     | Aluminium     | TPE        | Acetal | Buna-N, Stainless steel | Antifreeze and windshield wash solutions, lubricants, diesel |
|                                | 555 030     | Aluminium     | Buna-N     | Acetal | Stainless steel         | Special for waste oil and diesel evacuation <sup>(1)</sup>   |
| DP200 PLASTIC PUMP (200 L/MIN) | 555 164     | Polypropylene | TPE        | PTFE   | FKM, Stainless steel    | Antifreeze and windshield wash solutions, AdBlue®/DEF        |

<sup>(1)</sup> Some types of diesel include additives in their formulation that might not be compatible with Buna-N.

Wall mount bracket (Part No.: 360 142)