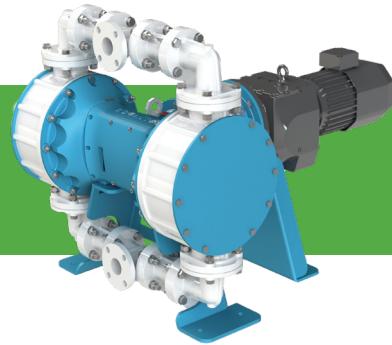




# 2" ELECTRIC DIAPHRAGM PUMP TECHNICAL DATA SHEET



## SERIES:

### HEAVY DUTY ELECTRIC DIAPHRAGM PUMP

Engineered for the World's Most Challenging Fluid Transfer Applications

## SPECIFICATIONS

### SUCTION / DISCHARGE PORT SIZE

- 51 mm (2") - ANSI 150# Flanges

### MAXIMUM FLOW RATE GPM

- 325 lpm (86 gpm)

### SOLIDS HANDLING

- Up to 7 mm (.28")

### MAX OPERATING PRESSURE

- 5.5 bar (79 psi)

### MAXIMUM SUCTION LIFT - M (FT)

- 8+ (26') Wet / 4.2+ (14') Dry\*

\*Applicable to Santoprene and PTFE Diaphragms only

### HEADS UP TO - M (FT)

- 55 m (182')

### DISPLACEMENT PER STROKE - L (GAL)

- 2.88L (0.76 gal)

### MOTOR & GEAR BOX - HP

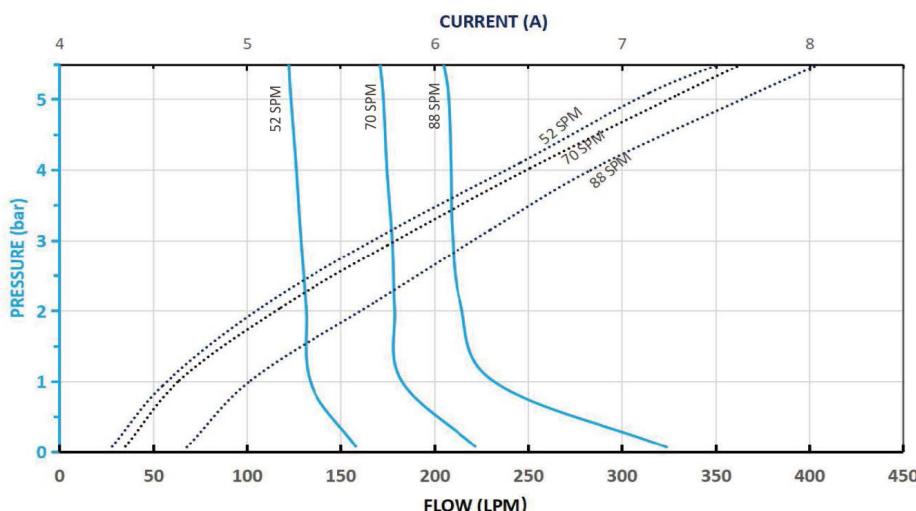
- 5.5kW (7.5hp)

### SOUND LEVEL

- <80 db

### MATERIAL OF CONSTRUCTION

- Pump Wetted Parts: Polypropylene
- Diaphragm and Check Ball Valve: Santoprene, PTFE

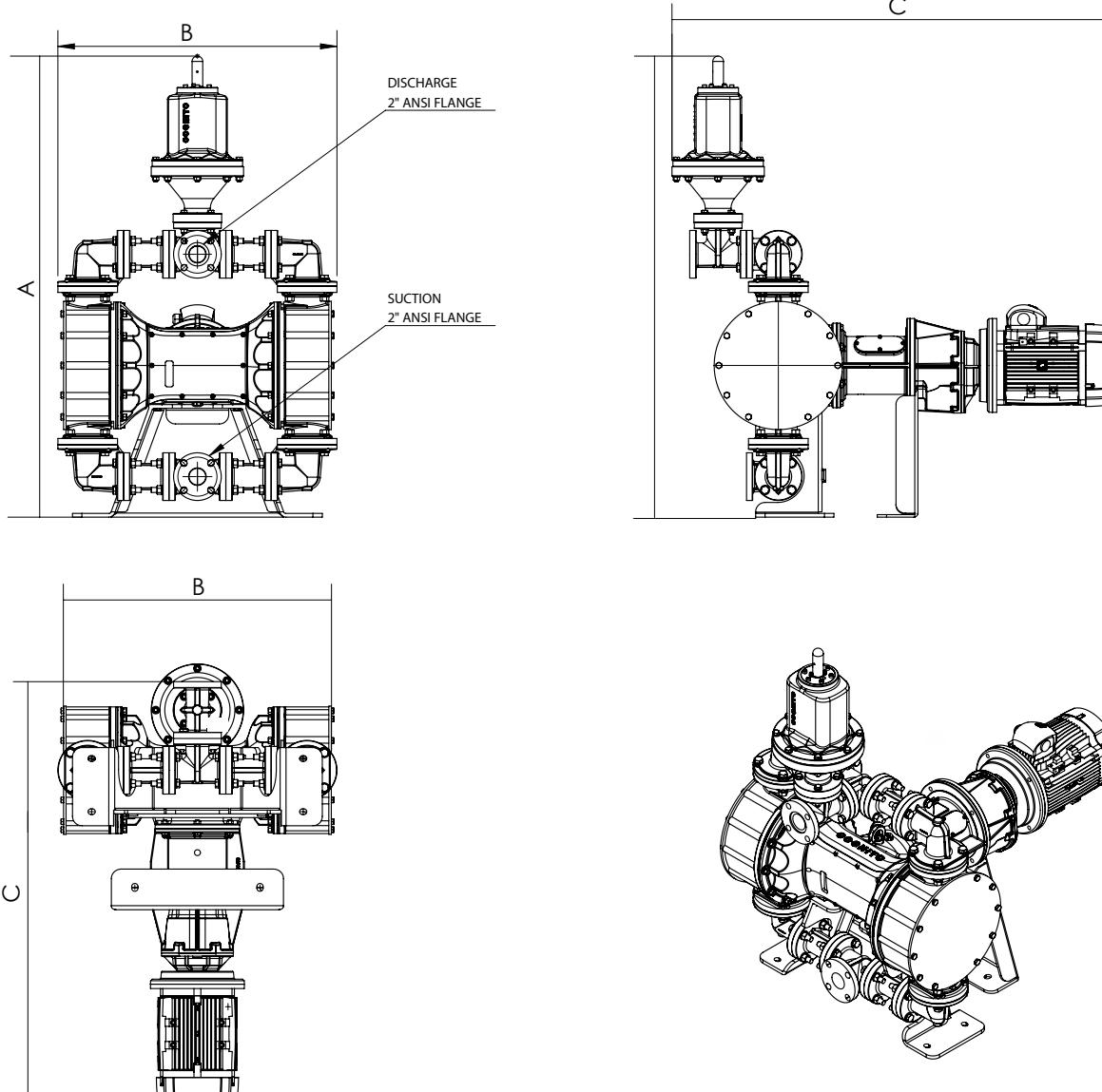


### Notes:

1. Use 7.5 HP / 5.5 KW motor for above 7 AMPS
2. For SPM 85, contact IDEX Team
3. The performance curve is based on following: Santoprene elastomer fitted pump, flooded suction, water at ambient conditions 25°C (77°F), with Cognito Dampener
4. The performance result may deviate in excess of 5% based on elastomer
5. Performance vary based on viscosity

# DIMENSIONS

## INLINE ARRANGEMENT



| DIMENSION & WEIGHT - INLINE*                              |   | 51 MM<br>(2")    |
|---|---|------------------|
| POLYPROPYLENE   |   |                  |
| Height w/o Dampener: MM (IN)                              | A | 1474 mm (58.03") |
| Width: MM (IN)  | B | 892 mm (35.11")  |
| Length: MM (IN)   | C | 1378 mm (54.25") |
| Approx Shipping Weight: KG (LBS)<br>Bare Pump             | W | 143 kg (315 lbs) |
| Approx Shipping Weight: KG (LBS)<br>Pump, Motor, Gear Box | W | 239 kg (526 lbs) |

\*FINAL PUMP ASSEMBLY WEIGHTS AND DIMENSIONS DEPENDENT ON GEAR BOX AND MOTOR MANUFACTURER

