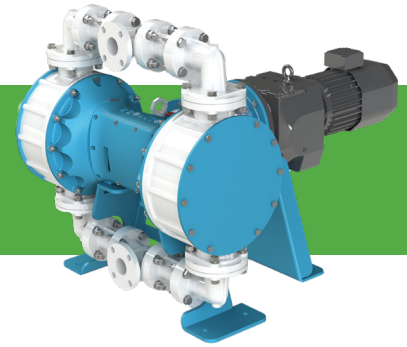


# 3" ELECTRIC DIAPHRAGM PUMP TECHNICAL DATA SHEET



## SERIES:

## HEAVY DUTY ELECTRIC DIAPHRAGM PUMP

Engineered for the World's Most Challenging Fluid Transfer Applications

## SPECIFICATIONS

### SUCTION / DISCHARGE PORT SIZE

- 76 mm (3") - ANSI 150# Flanges

### MAXIMUM FLOW RATE GPM

- 590 lpm (156 gpm)

### SOLIDS HANDLING

- Up to 9 mm (.35")

### MAX OPERATING PRESSURE

- 3.5 bar (51 psi)

### MAXIMUM SUCTION LIFT - M (FT)

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

### HEADS UP TO - M (FT)

- 35m (117')

### DISPLACEMENT PER STROKE - L (GAL)

- 4.72L (1.24 gal)

### MOTOR & GEAR BOX - HP

- 7.4kW (10 hp)

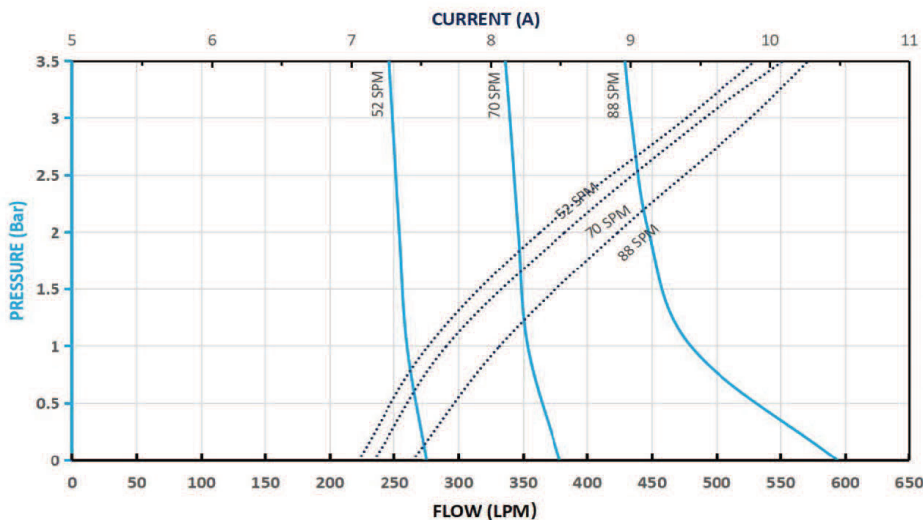
### SOUND LEVEL

- <80 db

### MATERIAL OF CONSTRUCTION

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

\*Applicable to Santoprene and PTFE Diaphragms only

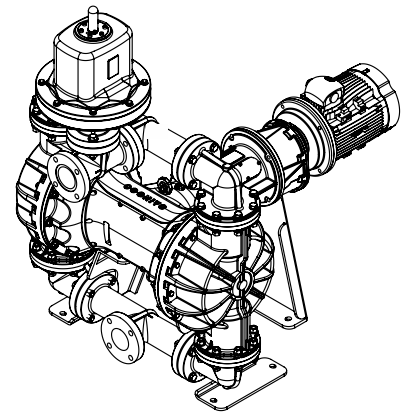
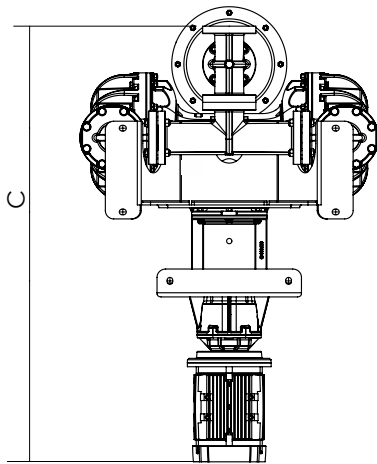
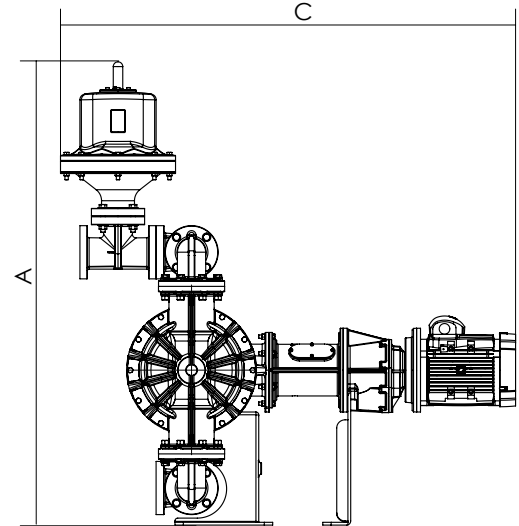
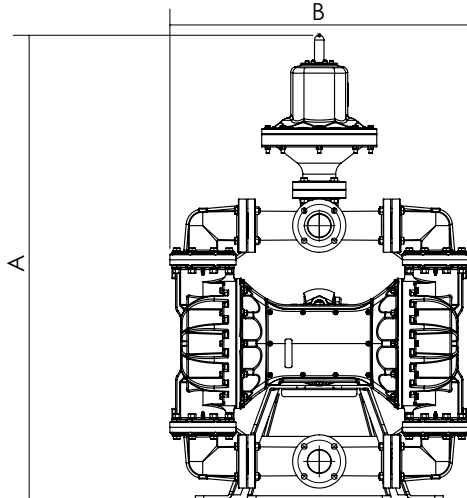


## Notes:

1. Use 10 HP / 7.5 KW motor for above 10 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*		76 MM (3")
POLYPROPYLENE		
Height w/o Dampener: MM (IN)	A	1659 mm (65.31")
Width: MM (IN)	B	1070 mm (42.13")
Length: MM (IN)	C	1630 mm (64.17")
Approx Shipping Weight: KG (LBS) Bare Pump	W	165 kg (363 lbs)
Approx Shipping Weight: KG (LBS) Pump, Motor, Gear Box	W	271 kg (597 lbs)
*FINAL PUMP ASSEMBLY WEIGHTS AND DIMENSIONS DEPENDENT ON GEAR BOX AND MOTOR MANUFACTURER		



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