

1 1/2" 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

- 38 MM (1.5") - ANSI 150# Flanges

MAXIMUM FLOW RATE GPM

- 140 lpm (37 gpm)

SOLIDS HANDLING

- Up to 5 mm (.19")

MAX OPERATING PRESSURE

- 5.5 bar (79 psi)

MAXIMUM SUCTION LIFT - M (FT)

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

HEADS UP TO - M (FT)

- 55m (180 ft)

DISPLACEMENT PER STROKE - L (GAL)

- 1.48L (0.39 gal)

MOTOR & GEAR BOX - HP

- 3.7 kW (5 hp)

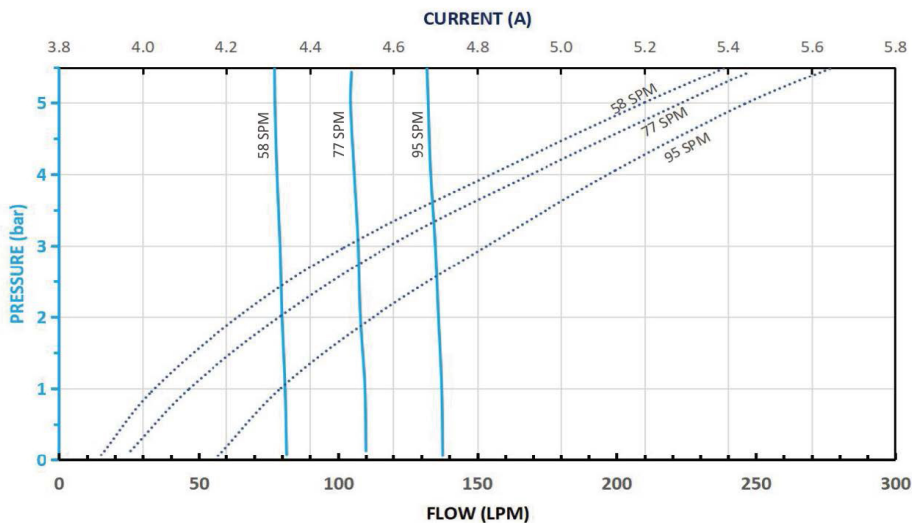
SOUND LEVEL

- <80 db

MATERIAL OF CONSTRUCTION

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

*Applicable to Santoprene and PTFE Diaphragms only

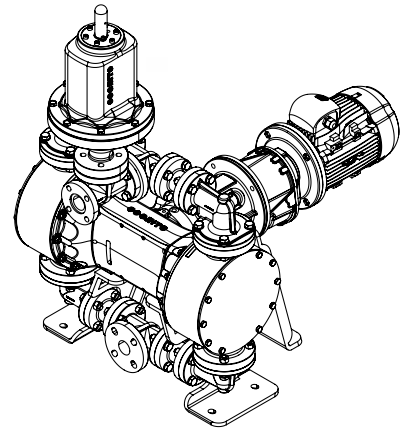
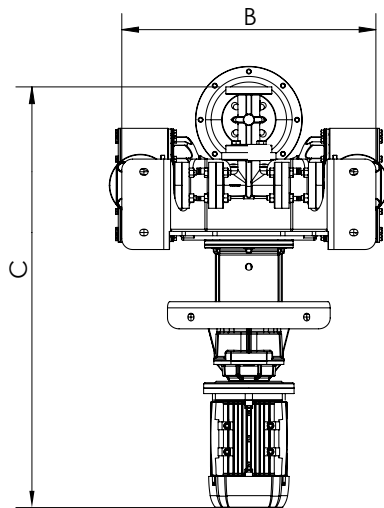
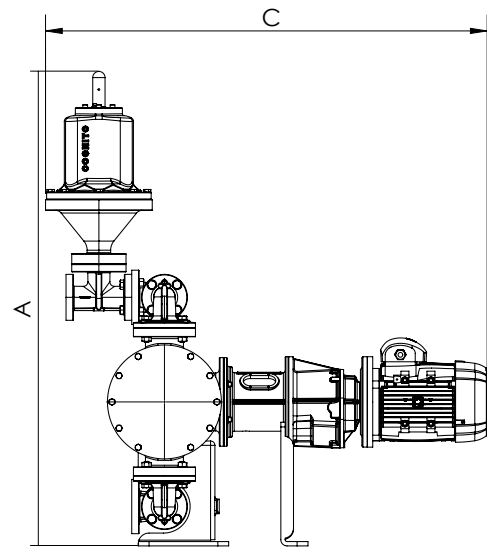
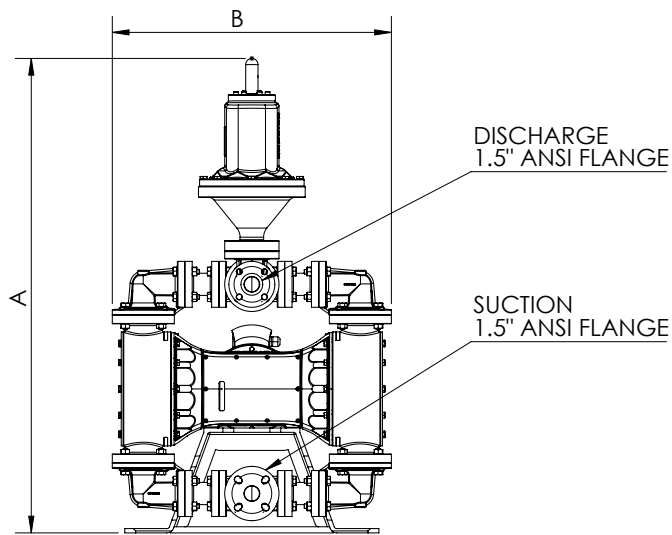


Notes:

1. Use 5 HP / 3.7 KW motor for above 4 AMPS
2. For SPM 93, 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*		38 MM (1 1/2")
POLYPROPYLENE		
Height w/o Dampener: MM (IN)	A	1312mm (51.65")
Width: MM (IN)	B	771mm (30.35")
Length: MM (IN)	C	1221mm (48.07")
Approx Shipping Weight: KG (LBS) Bare Pump	W	143kg (315 lbs)
Approx Shipping Weight: KG (LBS) Pump, Motor, Gear Box	W	239kg (526 lbs)
*FINAL PUMP ASSEMBLY WEIGHTS AND DIMENSIONS DEPENDENT ON GEAR BOX AND MOTOR MANUFACTURER		



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