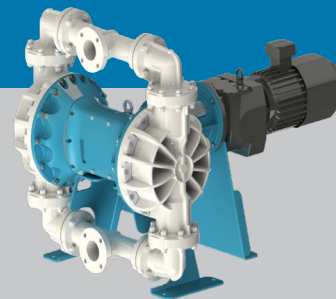


3" ELECTRIC DIAPHRAGM PUMP TECHNICAL DATA SHEET

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 (117ft)

DISPLACEMENT PER CYCLE - L (GAL)

- 4.72L (1.24 gal)

MOTOR & GEAR BOX - HP

- 10hp (7.4 kW)

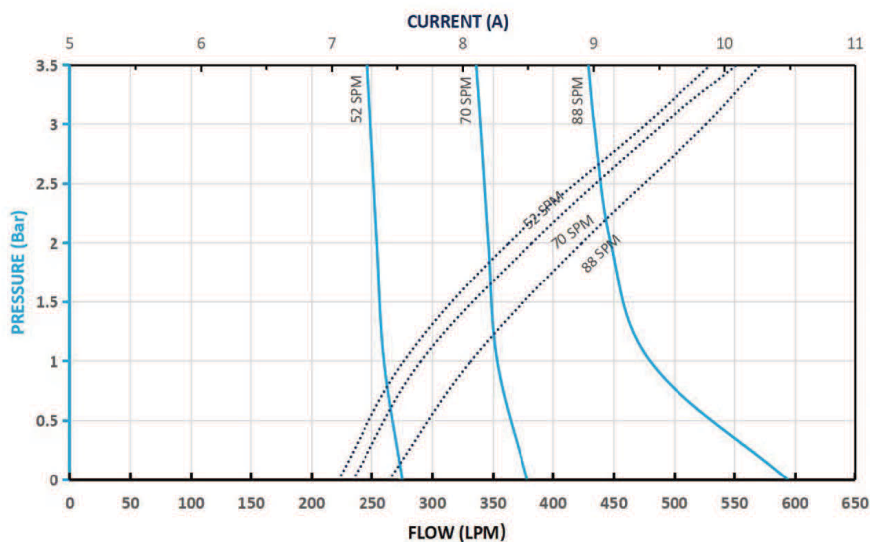
SOUND LEVEL

- <80 db

MATERIAL OF CONSTRUCTION

- 1) Pump Wetted Parts - Polypropylene
- 2) Diaphragm and Check Ball Valve - Santoprene, PTFE

*Applicable to Santoprene and PTFE Diaphragms only.



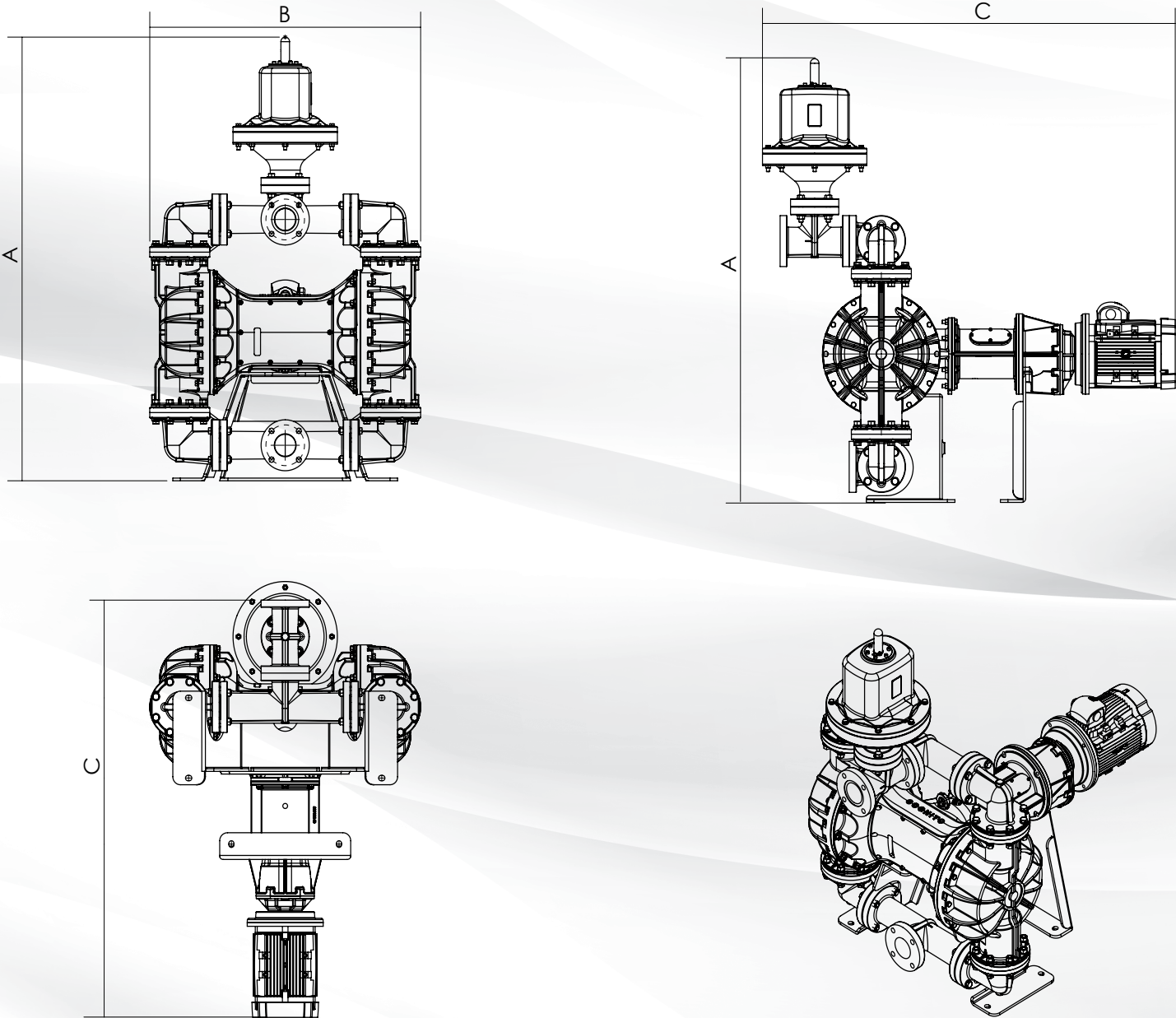
NOTES

1. Use 10 HP/7.5 kW motor for above 10 AMPS.
2. The performance curve is based on the following: Santoprene elastomer fitted pump, flooded suction, water at ambient condition 25°C (77°F), with Cognito dampener.
3. The performance result may deviate in excess of 5% based on elastomer.
4. Performance vary based on viscosity.
5. For SPM 85, contact IDEX Team.

Pump specifications vary by region. Please contact your local sales team for more information.

DIMENSIONS

Inline Arrangement



DIMENSION & WEIGHT - INLINE*		76 MM (3")
POLYPROPELYNE		
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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IDEX | Trusted Solutions. Improving Lives™

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