

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*

HEADS UP TO - M (FT)

- 55m (180ft)

DISPLACEMENT PER CYCLE - L (GAL)

- 2.88L (0.76 gal)

MOTOR & GEAR BOX - HP

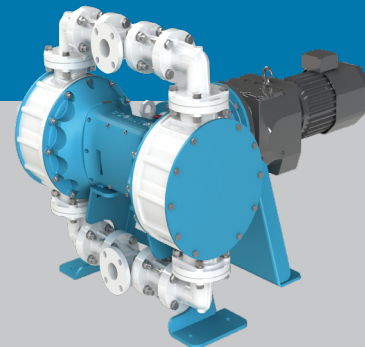
- 7.5hp (5.5 kW)

SOUND LEVEL

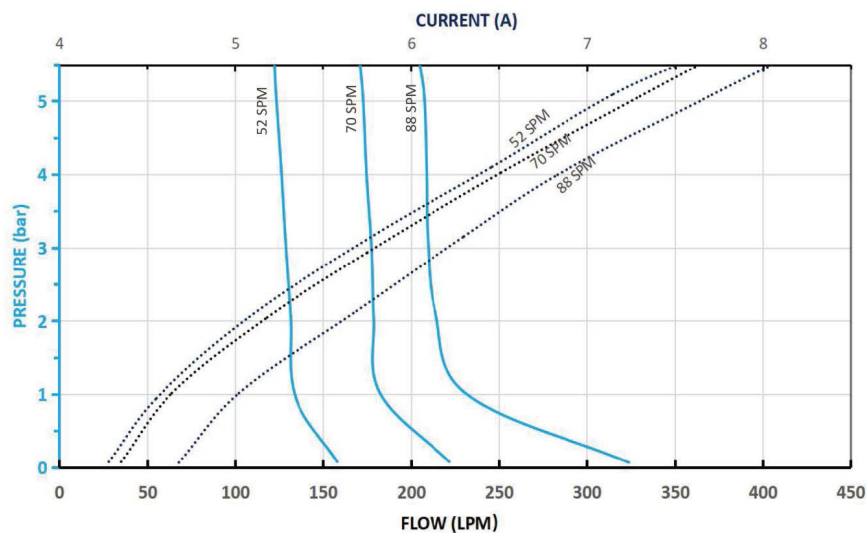
- <80 db

MATERIAL OF CONSTRUCTION

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



*Applicable to Santoprene and PTFE Diaphragms only.



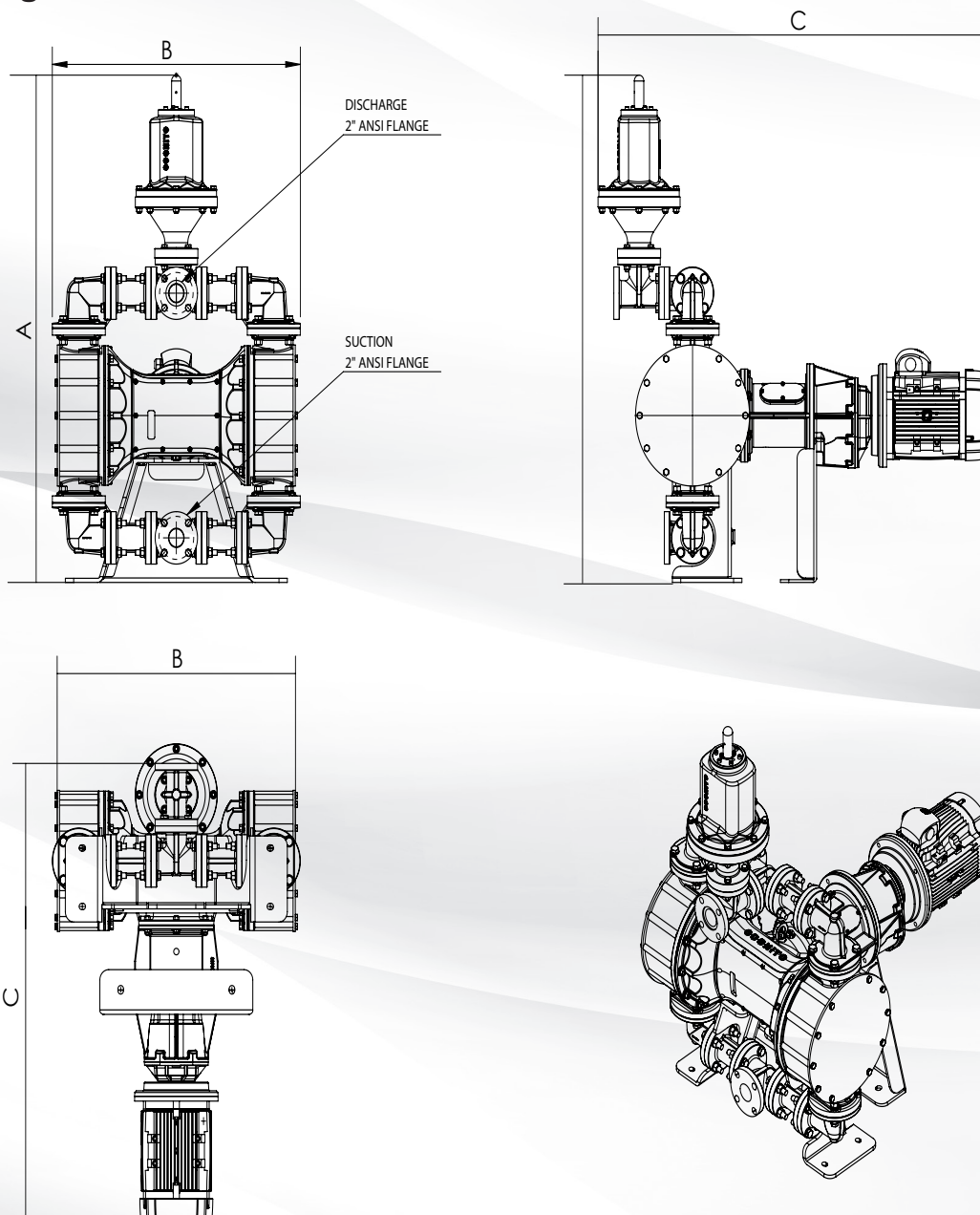
NOTES

1. Use 7.5 HP/5.5 KW motor for above 7 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*		51 MM (2")
POLYPROPELYNE		
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) Bare Pump	W	143 kg (315 lbs)
Approx Shipping Weight: KG (LBS) Pump, Motor, Gear Box	W	239 kg (526 lbs)

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

WARREN RUPP, INC.

Warren Rupp, Inc. • A Unit of IDEX Corporation
800 N. Main St., Mansfield, Ohio 44902 USA
Telephone 419.524.8388 • Fax 419.522.7867

IDEX | Trusted Solutions. Improving Lives™

IDEX India PVT LTD
Survey No. 256, Near Bombardier Circle, GIDC Manjusar,
Savli, Dist. Vadodara 391770, State Gujarat, India