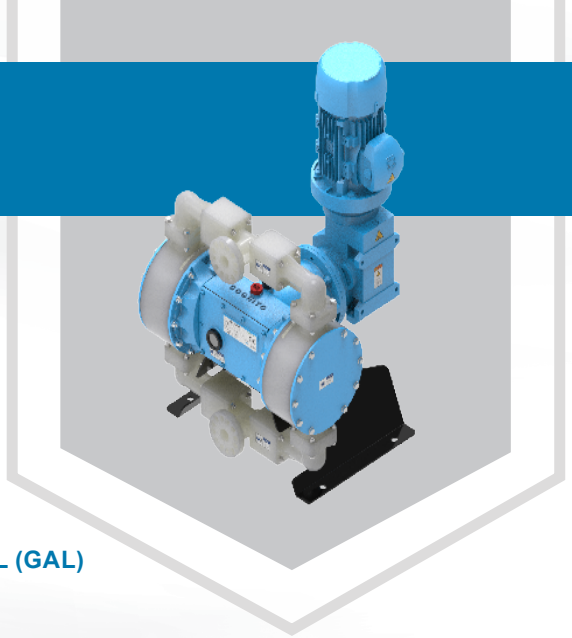
1” ELECTRIC DIAPHRAGM PUMP TECHNICAL DATA SHEET



SERIES:

HEAVY DUTY ELECTRIC DIAPHRAGM PUMP
Engineered for the World’s Most Challenging Fluid Transfer Applications

SPECIFICATIONS

SUCTION / DISCHARGE PORT SIZE
- 25 MM (1”) - ANSI 150# Flanges

MAXIMUM FLOW RATE GPM
- 87 LPM (22 GPM)

SOLIDS HANDLING
- Up to 5 mm (.27”)

MAX OPERATING PRESSURE
- 5.5 BAR (79 PSI)

MAXIMUM SUCTION LIFT - M (FT)
- 8+ (26’) Wet / 4 + (14’) Dry*

HEADS UP TO - M (FT)
- 55m (180ft)

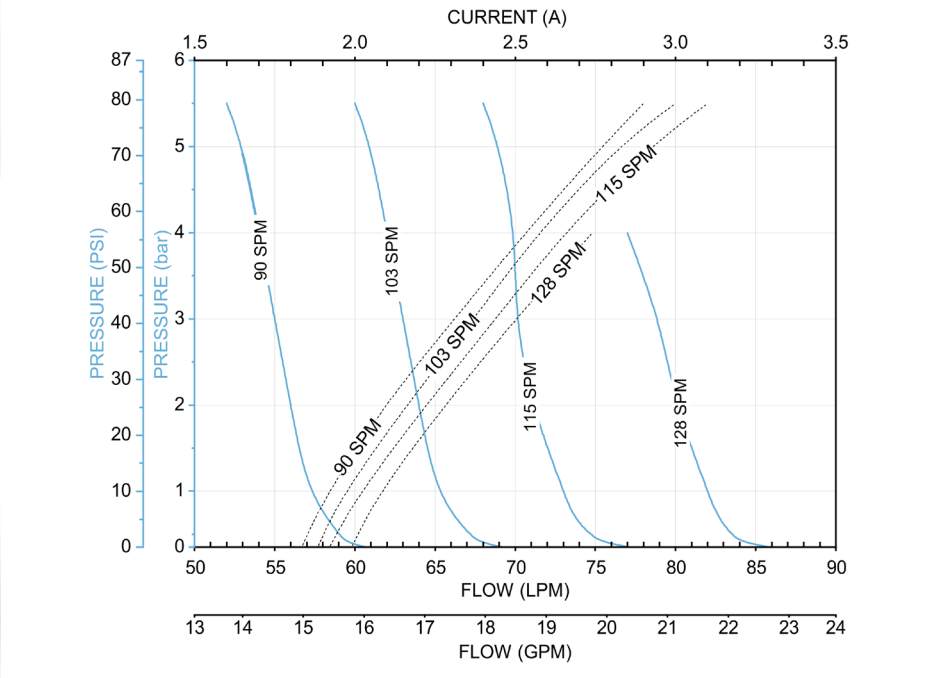
DISPLACEMENT PER CYCLE - L (GAL)
- 0.68L (0.18 gal)

MOTOR & GEAR BOX - HP
- 2hp (1.5 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 2 HP/1.5 kW motor for above 2.5 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.

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

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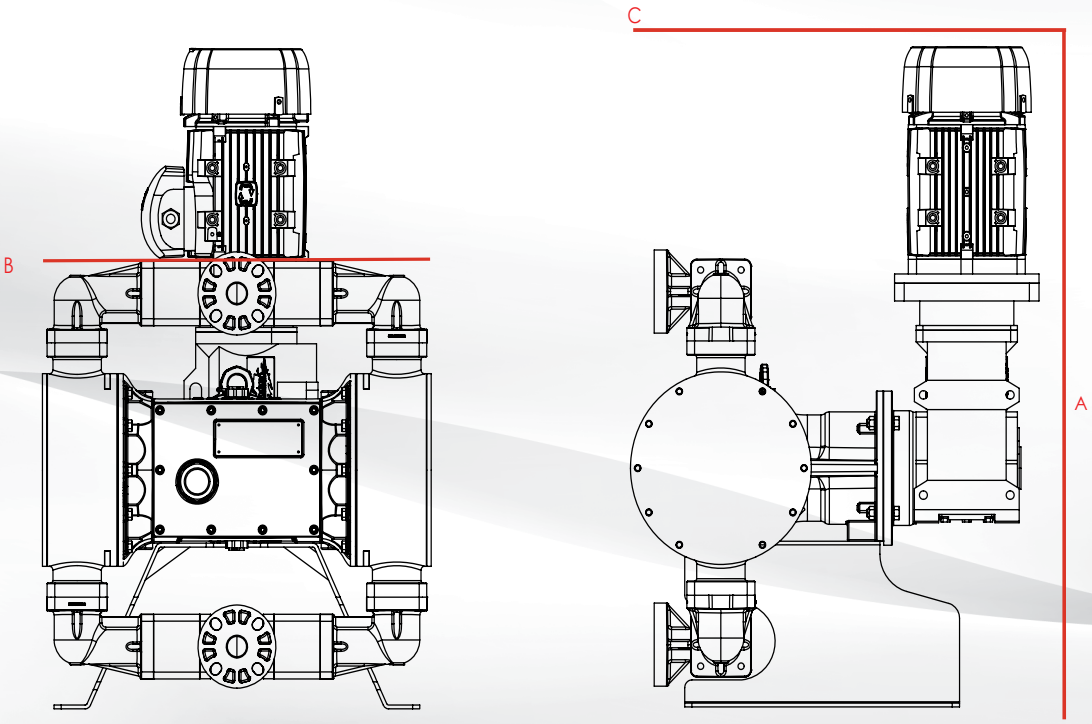
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DIMENSIONS

Inline Arrangement



DIMENSION & WEIGHT - INLINE*		25 MM (1")
POLYPROPELYNE		
Height w/o Dampener: MM (IN)	A	460mm (18.11")
Width: MM (IN)	B	540mm (21.26")
Length: MM (IN)	C	565mm (22.24")
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**

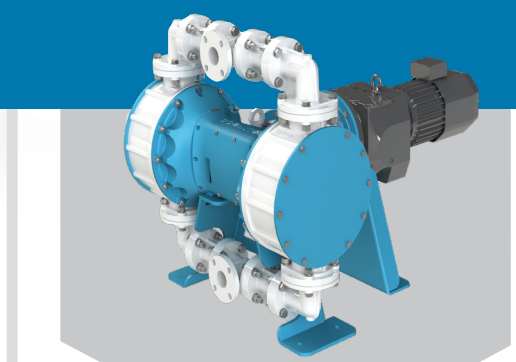
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1 1/2” ELECTRIC DIAPHRAGM PUMP TECHNICAL DATA SHEET



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 (180ft)

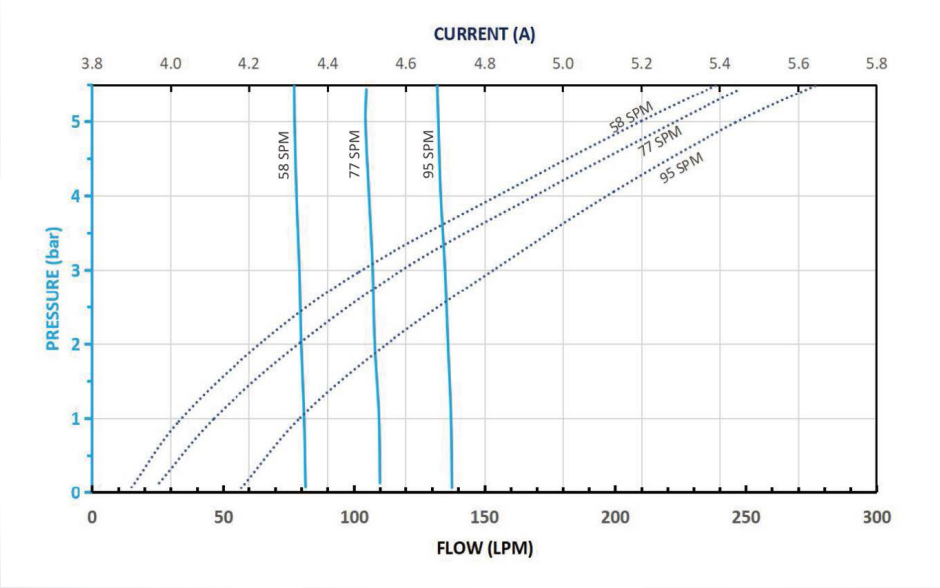
DISPLACEMENT PER CYCLE - L (GAL)
- 1.48L (0.39 gal)

MOTOR & GEAR BOX - HP
- 5hp (3.7 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 5 HP/3.7 KW motor for above 4 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 93, contact IDEX Team.

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

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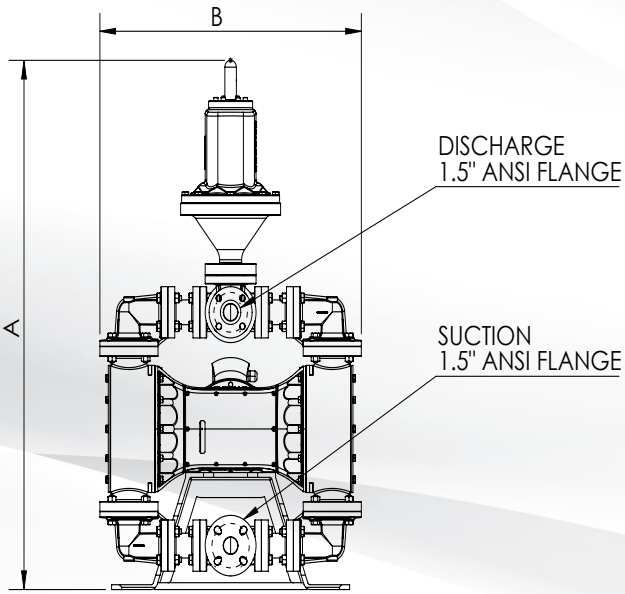
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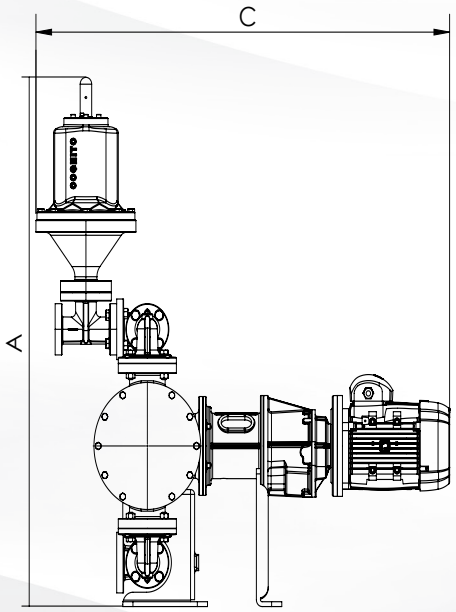
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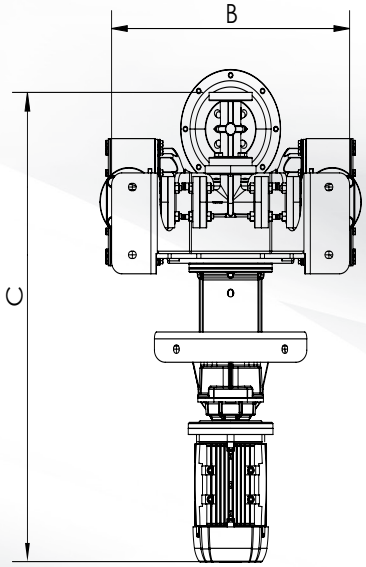
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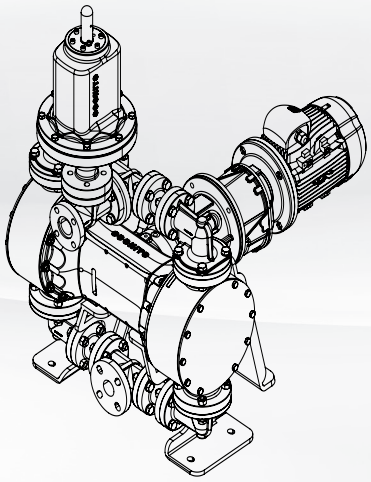
DIMENSIONS

Inline Arrangement









DIMENSION & WEIGHT - INLINE*		38 MM (1 1/2")
POLYPROPELYNE		
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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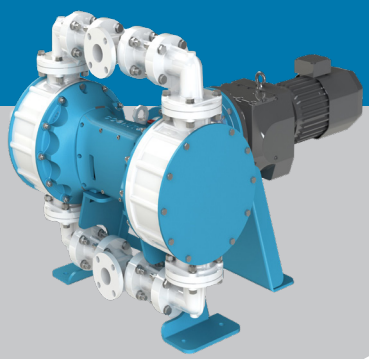
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2” ELECTRIC DIAPHRAGM PUMP TECHNICAL DATA SHEET



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)

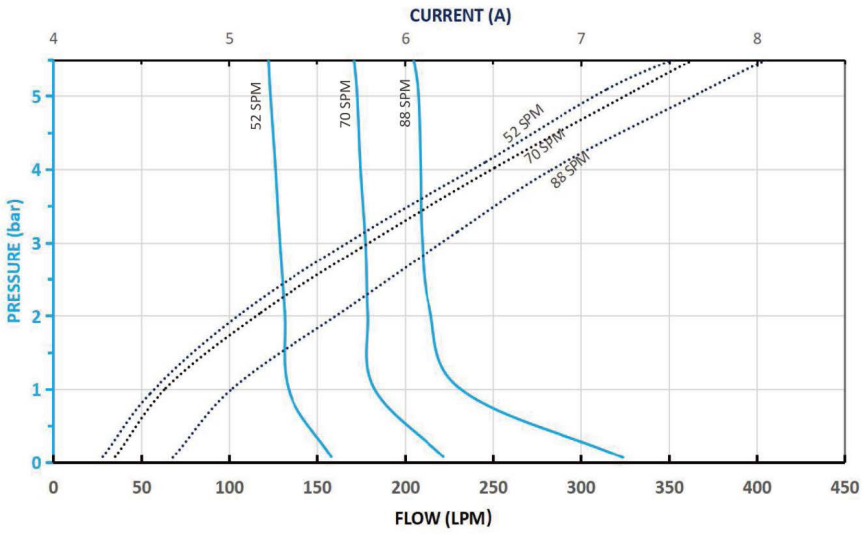
DISPLACEMENT PER CYCLE - L (GAL)
- 2.88L (0.76 gal)

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.

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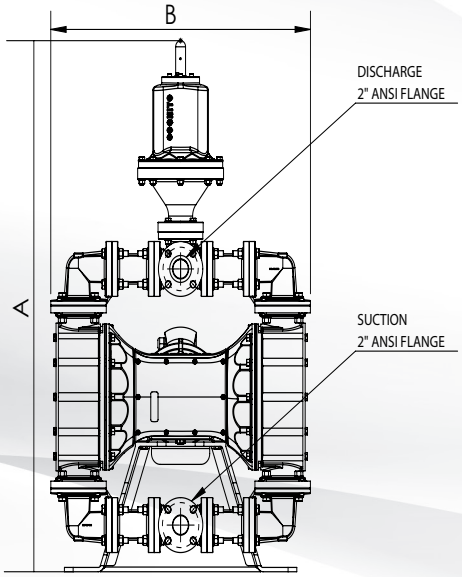
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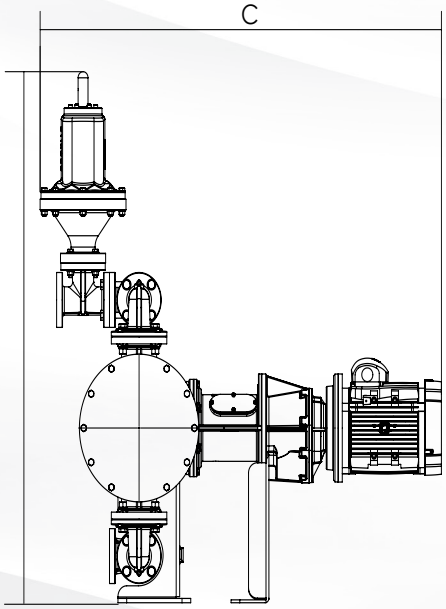
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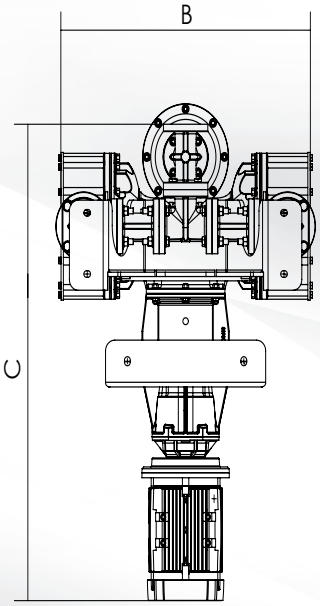
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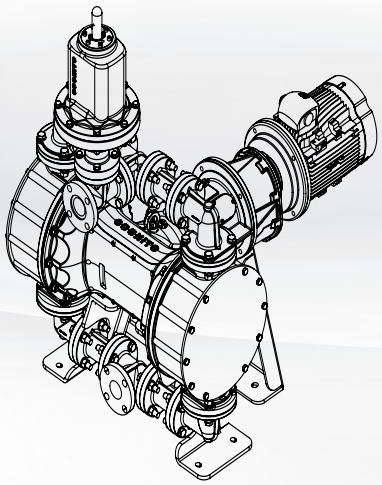
DIMENSIONS

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**

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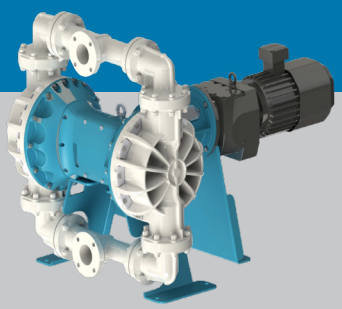
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3” ELECTRIC DIAPHRAGM PUMP TECHNICAL DATA SHEET



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)

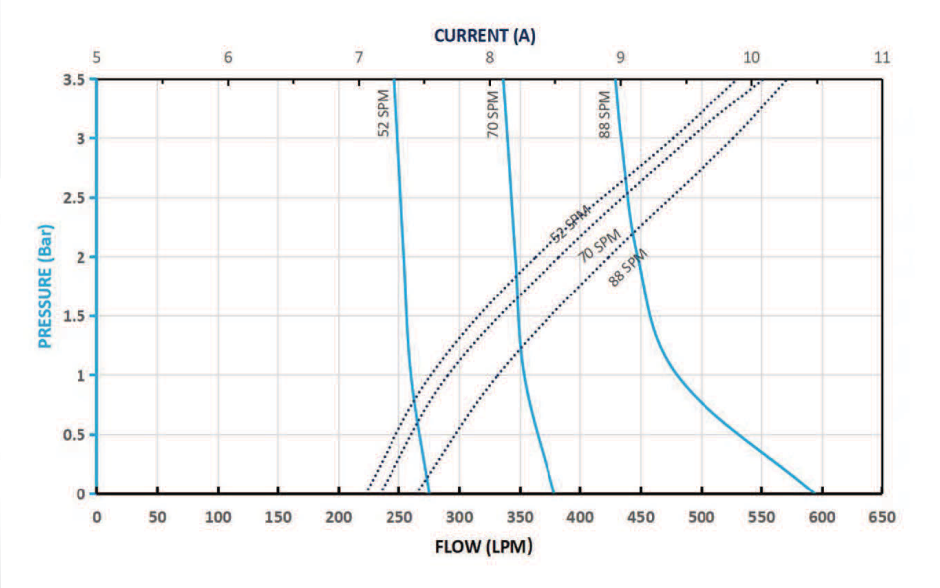
DISPLACEMENT PER CYCLE - L (GAL)
- 4.72L (1.24 gal)

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.

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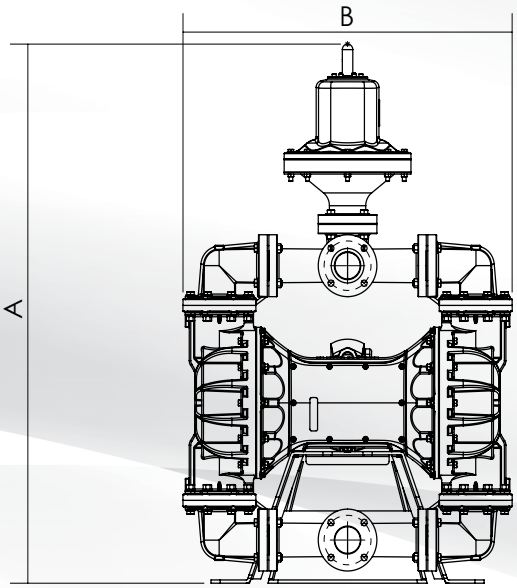
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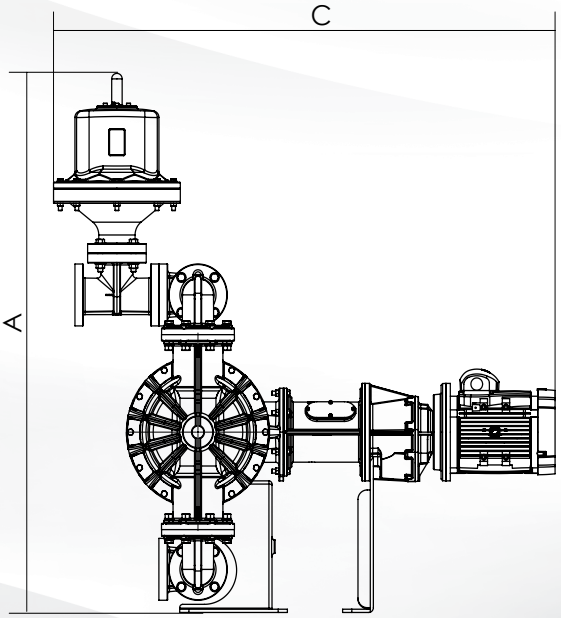
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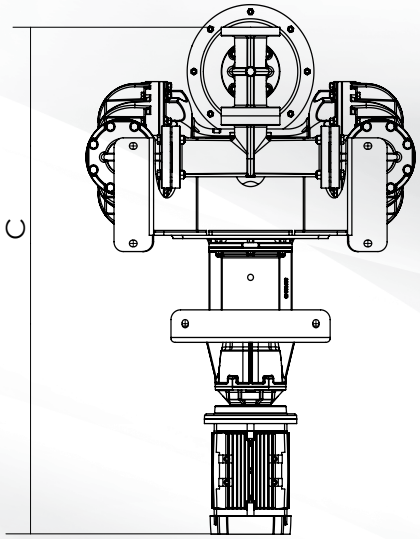
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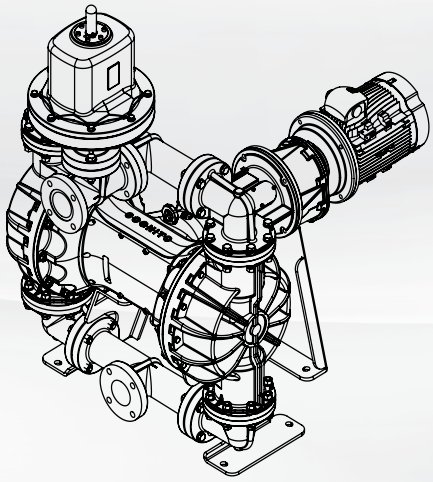
DIMENSIONS

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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