

# NDP-5 Specifications

## Port Dimensions (3.4 GPM Max.)

|                                  |                 |
|----------------------------------|-----------------|
| Intake & discharge connection:   | 1/4" Female NPT |
| Air inlet (incl. ball valve):    | 1/4" Female NPT |
| Air exhaust (internal silencer): | 3/8" Female NPT |

## Maximum Liquid Temperature

Fitted with PTFE diaphragm

| Pump Material         | Temperature   |
|-----------------------|---------------|
| Groundable Acetal     | 180°F (82°C)  |
| Polypropylene         | 180°F (82°C)  |
| Aluminum              | 212°F (100°C) |
| Kynar® (PVDF)         | 212°F (100°C) |
| Stainless Steel (316) | 212°F (100°C) |

## Air Supply Pressure (All Models)

20–100 PSI (1.4–7 kgf/cm<sup>2</sup>)

## Discharge Volume Per Cycle

0.0078 gallons (29 cc)

## Maximum Cycles Per Minute 400

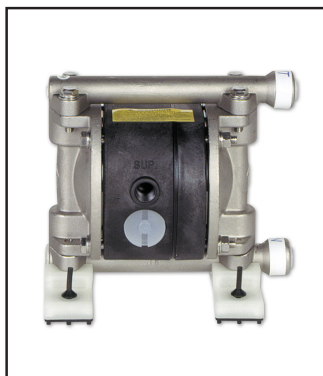
## Maximum Dry Suction Lift 5-ft

## Air Motor

Ryton® air motor standard

## Valve Type

Flat



### Aluminum

**Dimensions:** 6.1"L x 4.33"W x 5.87"H

**Net Wt.:** 3.5 lbs.

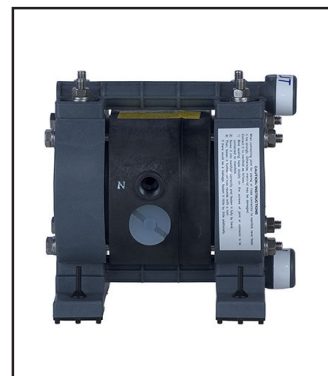
**Shipping Wt.:** 5 lbs.

### Stainless Steel

**Dimensions:** 6.1"L x 4.33"W x 5.87"H

**Net Wt.:** 6 lbs.

**Shipping Wt.:** 7.5 lbs.

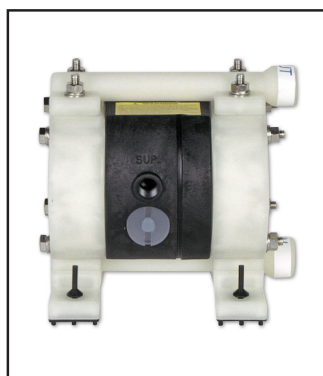


### Groundable Acetal

**Dimensions:** 6.1"L x 4.33"W x 5.79"H

**Net Wt.:** 3.1 lbs. (1.67 kg)

**Shipping Wt.:** 4.6 lbs.

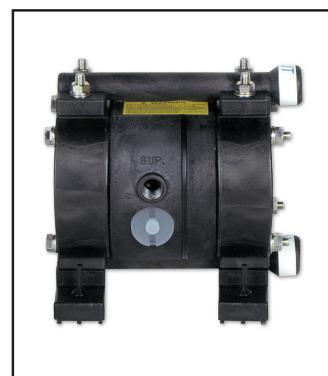


### Polypropylene

**Dimensions:** 6.1"L x 4.33"W x 5.79"H

**Net Wt.:** 2.9 lbs. (1.36 kg)

**Shipping Wt.:** 4.4 lbs.



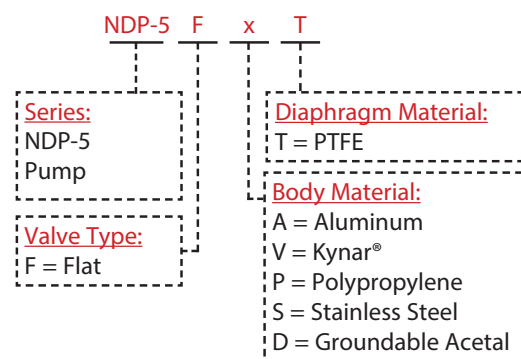
### Kynar®

**Dimensions:** 6.06"L x 4.33"W x 5.79"H

**Net Wt.:** 3.7 lbs. (1.67 kg)

**Shipping Wt.:** 5.2 lbs.

## Model Number Nomenclature



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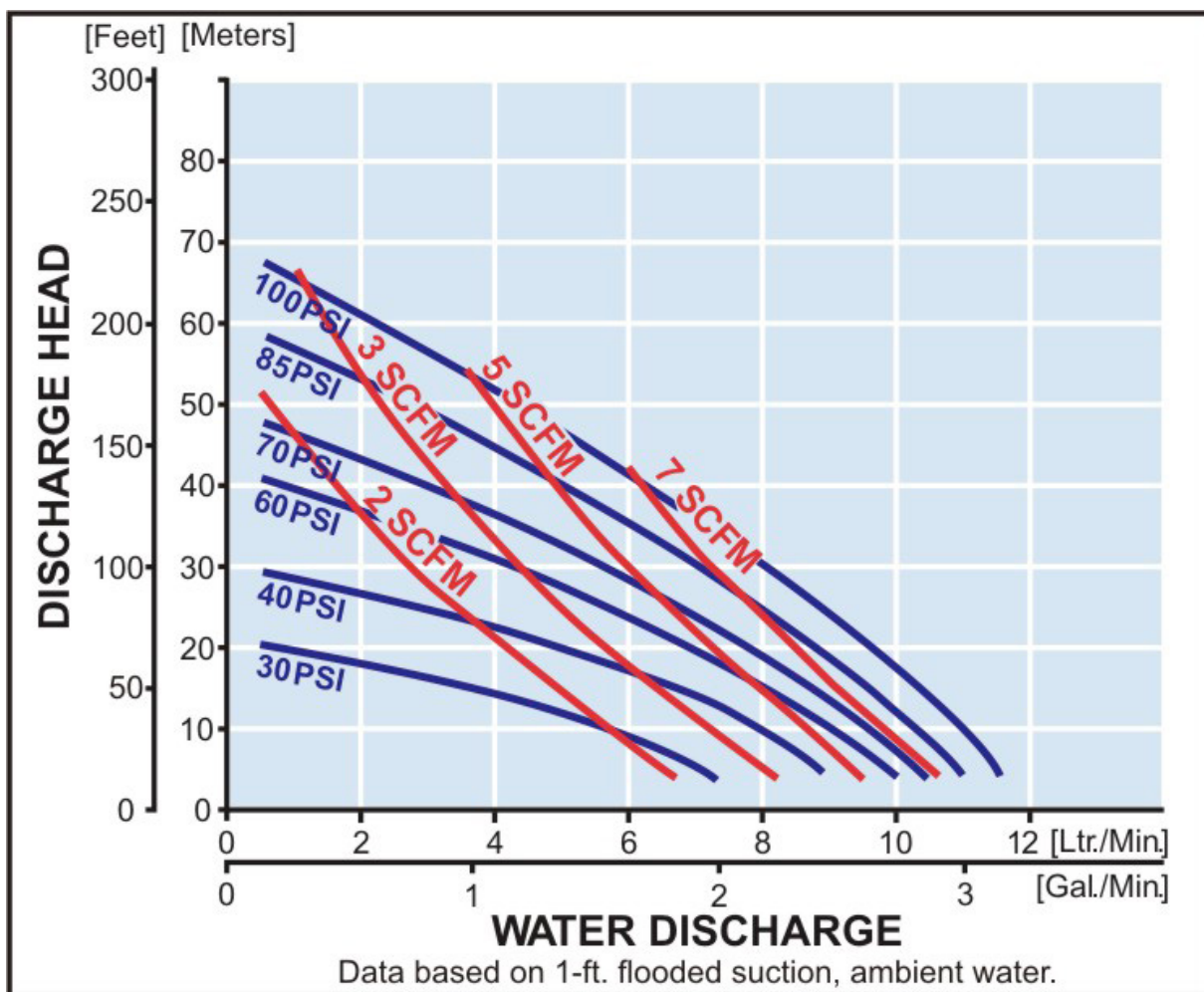
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# Performance Curve

## NDP-5

### All Diaphragm Materials



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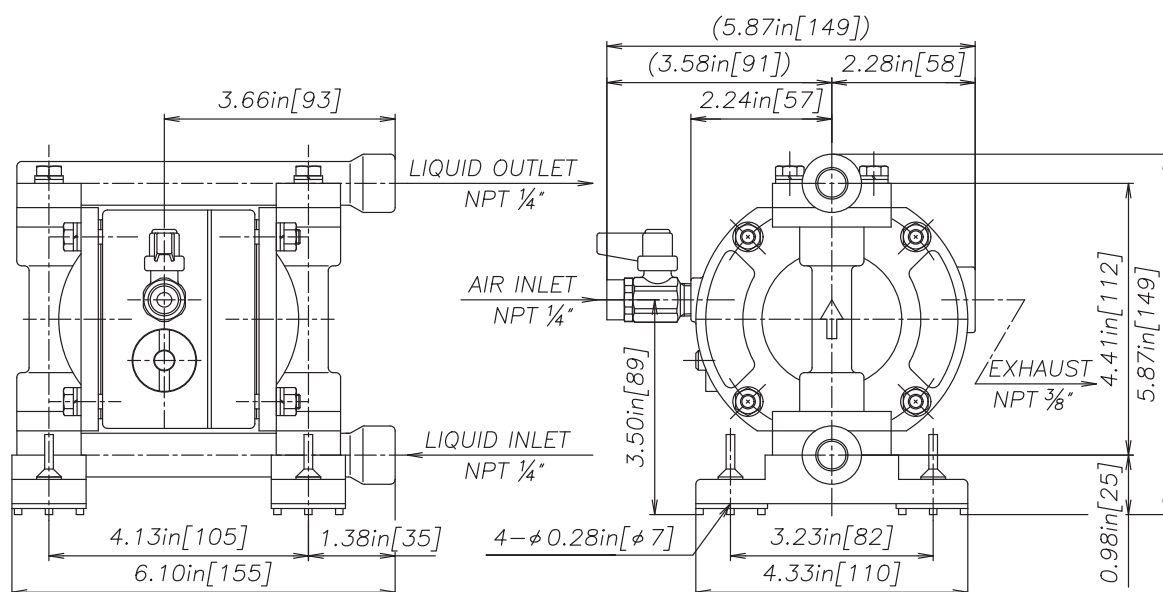


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# Dimensions

## NDP-5 Aluminum



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| REV                     | DATE            | DESCRIPTION | APPR'D |
|-------------------------|-----------------|-------------|--------|
| THE DWG. OF:            |                 |             |        |
| DIAPHRAGM PUMP ASSEMBLY |                 |             |        |
| SCALE                   | 1 : 1           | DRAWN BY    | YJI    |
| DATE                    | 02/08/06        | APPROVED BY | S.K.   |
| THRD<br>ANG.PROJ.       | DRAWING NUMBER: |             | REV    |
|                         | NDP-5FA         |             | 0      |



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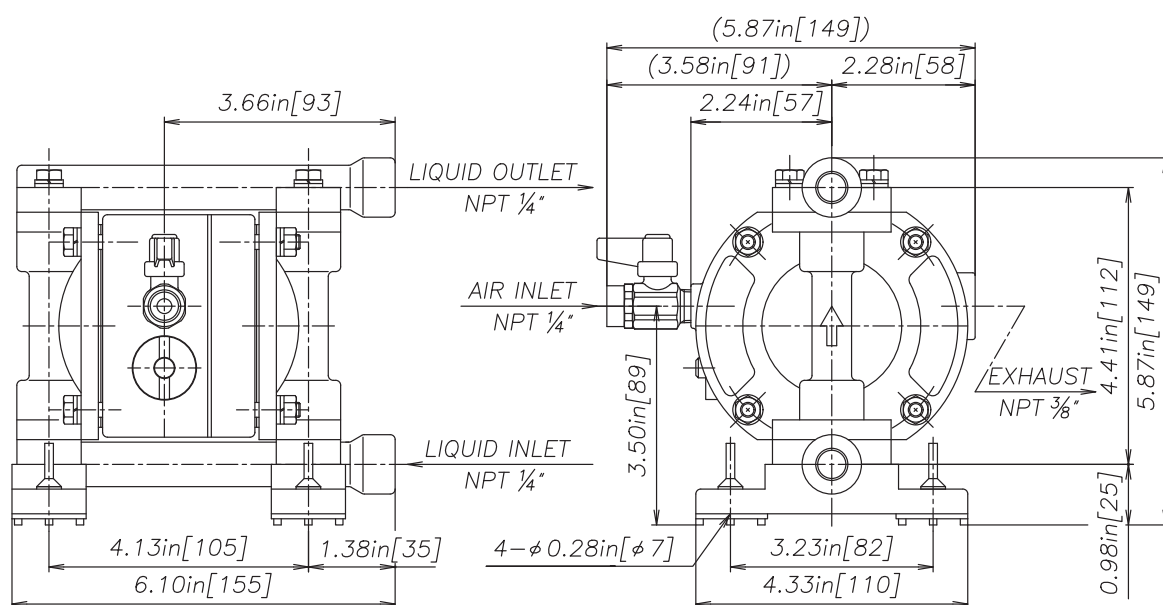


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# Dimensions

## NDP-5 Stainless Steel



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| DIAPHRAGM PUMP ASSEMBLY |                 |             |        |
| SCALE                   | 1 : 1           | DRAWN BY    | MK     |
| DATE                    | 01/03/22        | APPROVED BY | S.K.   |
| THIRD ANG.PROJ.         | DRAWING NUMBER: | NDP-5FS     |        |
|                         |                 |             | REV 0  |

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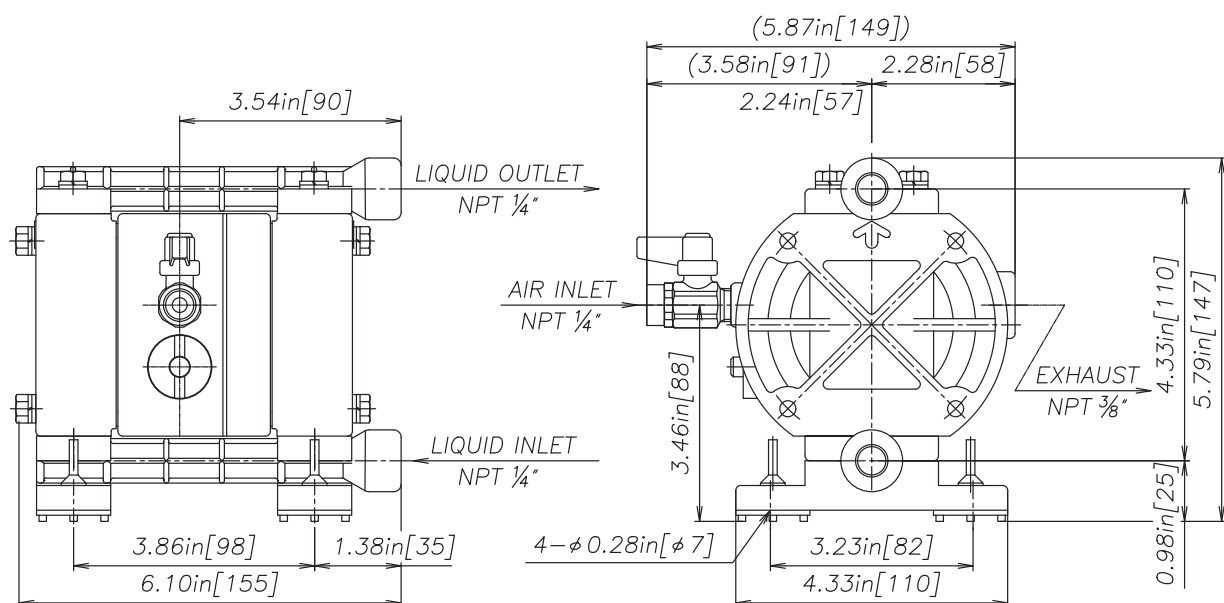


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# Dimensions

## NDP-5 Polypropylene & Groundable Acetal



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| DIAPHRAGM PUMP ASSEMBLY |                            |                  |        |
| SCALE 1 : 1             |                            | DRAWN BY MK      |        |
| DATE 11/01/21           |                            | APPROVED BY S.K. |        |
| THIRD ANGRD.J.          | DRAWING NUMBER: NDP-5FP/FD |                  | REV 0  |

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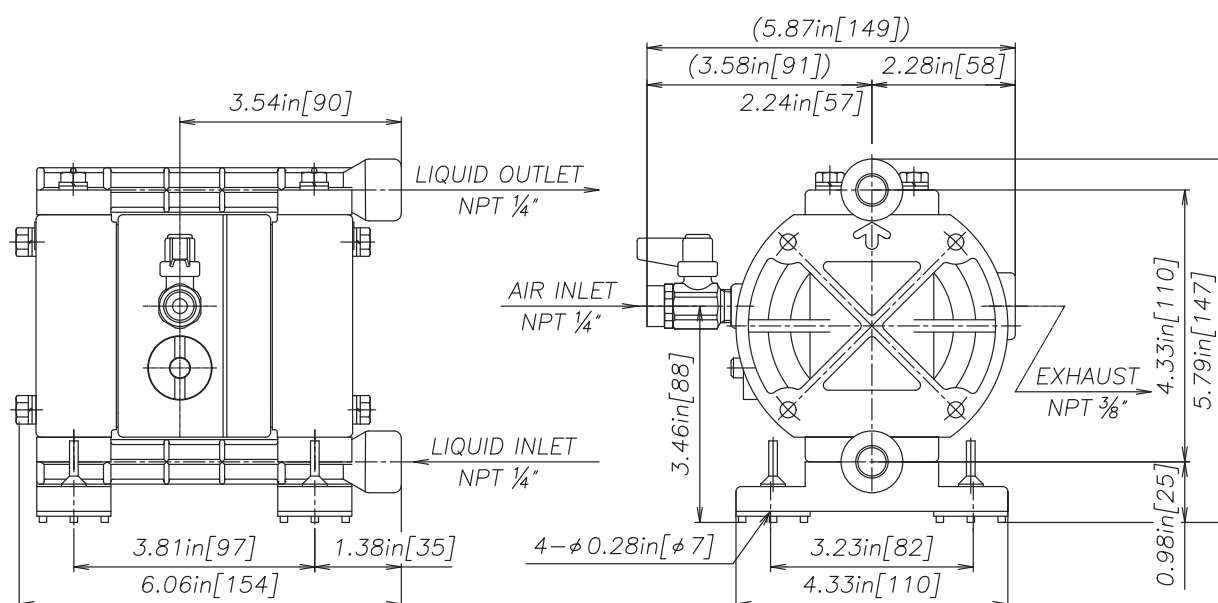


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# Dimensions

## NDP-5 Kynar



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|-------------------------|-------------------------|-------------------|--------|
| THE DWG.OF:             |                         |                   |        |
| DIAPHRAGM PUMP ASSEMBLY |                         |                   |        |
| SCALE: 1 : 1            |                         | DRAWN BY: MK      |        |
| DATE: 11/01/21          |                         | APPROVED BY: S.K. |        |
| THIRD ANG PROJ.         | DRAWING NUMBER: NDP-5FV |                   | REV 0  |

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