

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/cm²)

Discharge Volume Per Cycle

0.0078 gallons (29 cc)

Maximum Cycles Per Minute 400

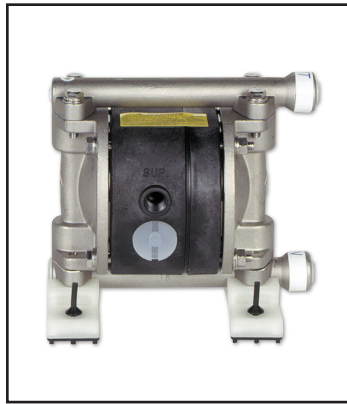
Maximum Dry Suction Lift 5-ft

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.

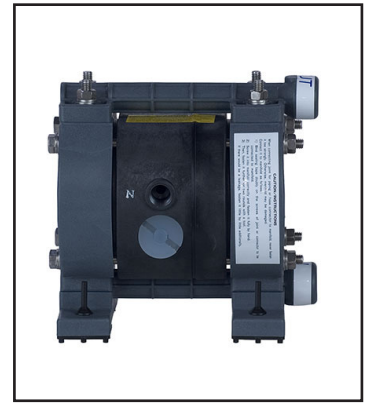
Shipping Wt.: 5 lbs.

Stainless Steel

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

Net Wt.: 6 lbs.

Shipping Wt.: 7.5 lbs.

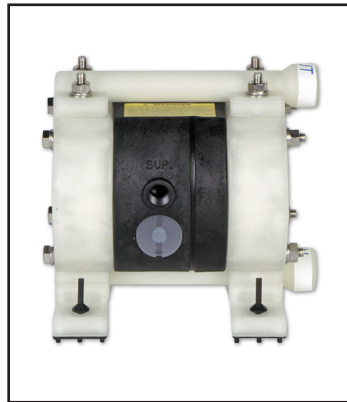


Groundable Acetal

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.

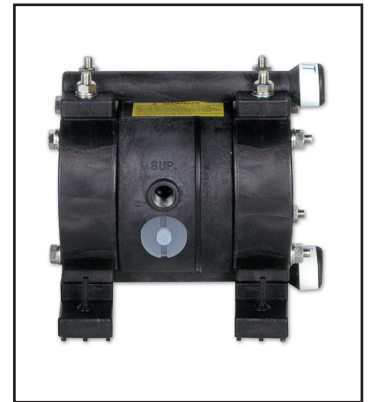


Polypropylene

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.



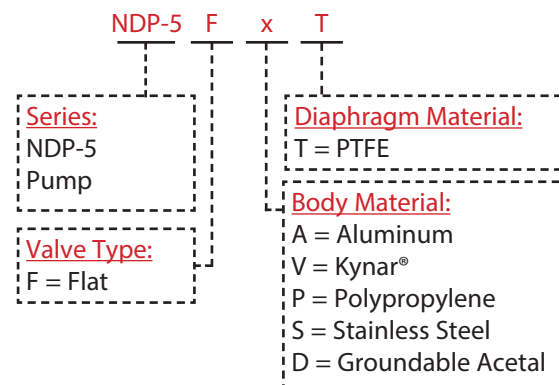
Kynar®

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



Form: NDP-5 Series Data Sheet-020426



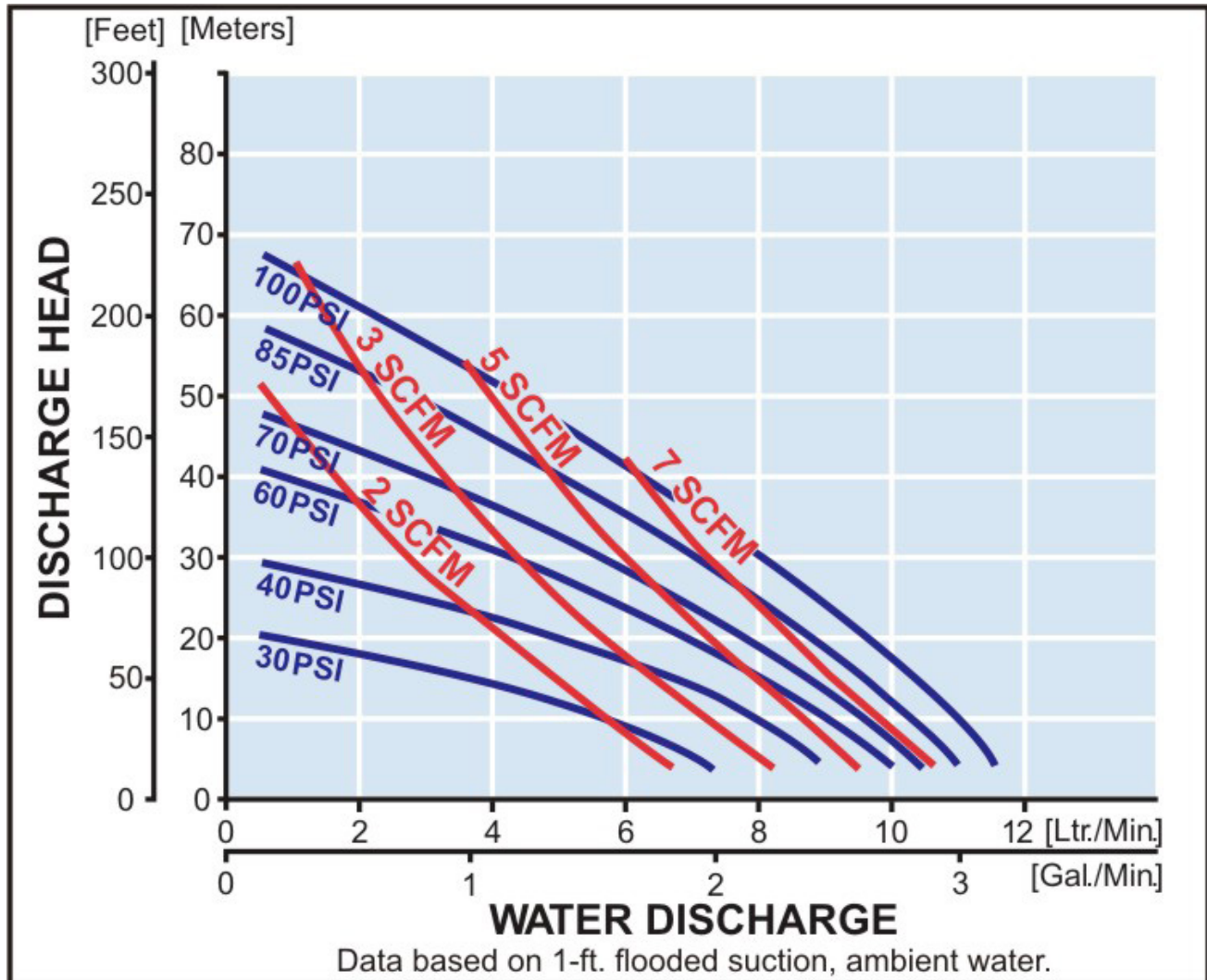
Yamada America, Inc. 955 E. Algonquin Rd., Arlington Heights, IL 60005
 USA Toll-Free: 800-990-7867 | Phone: 847-631-9200 | Fax: 847-631-9273
 Email: sales@yamadapump.com | Web: yamadapump.com

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Performance Curve

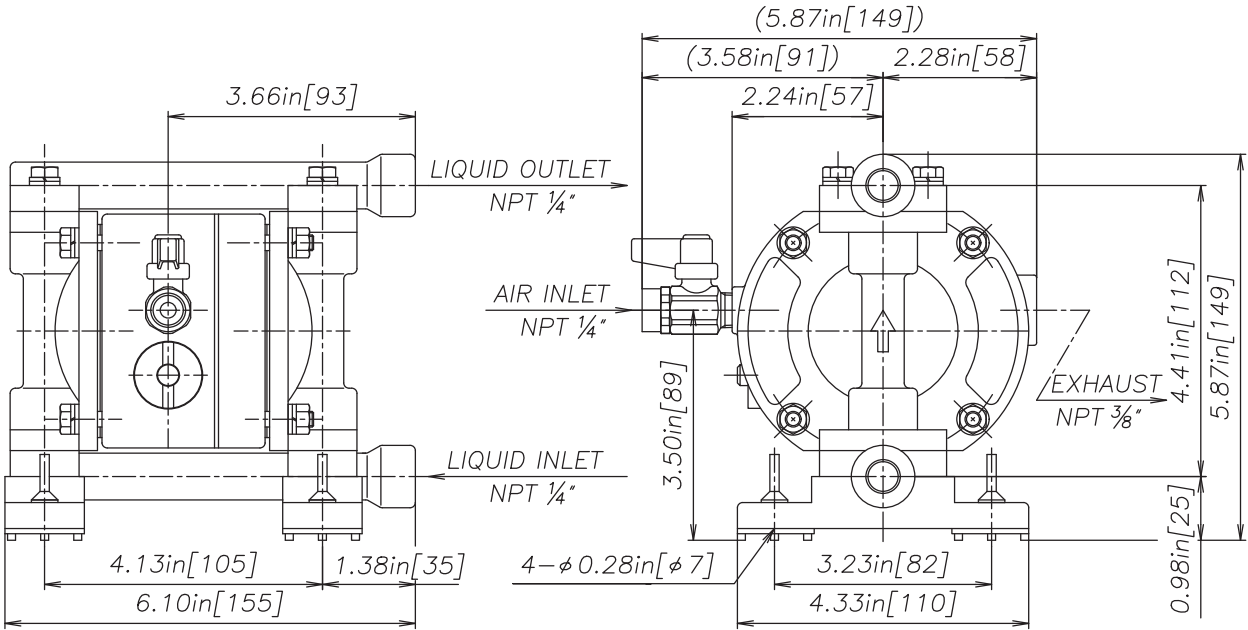
NDP-5

All Diaphragm Materials



Dimensions

NDP-5 Aluminum



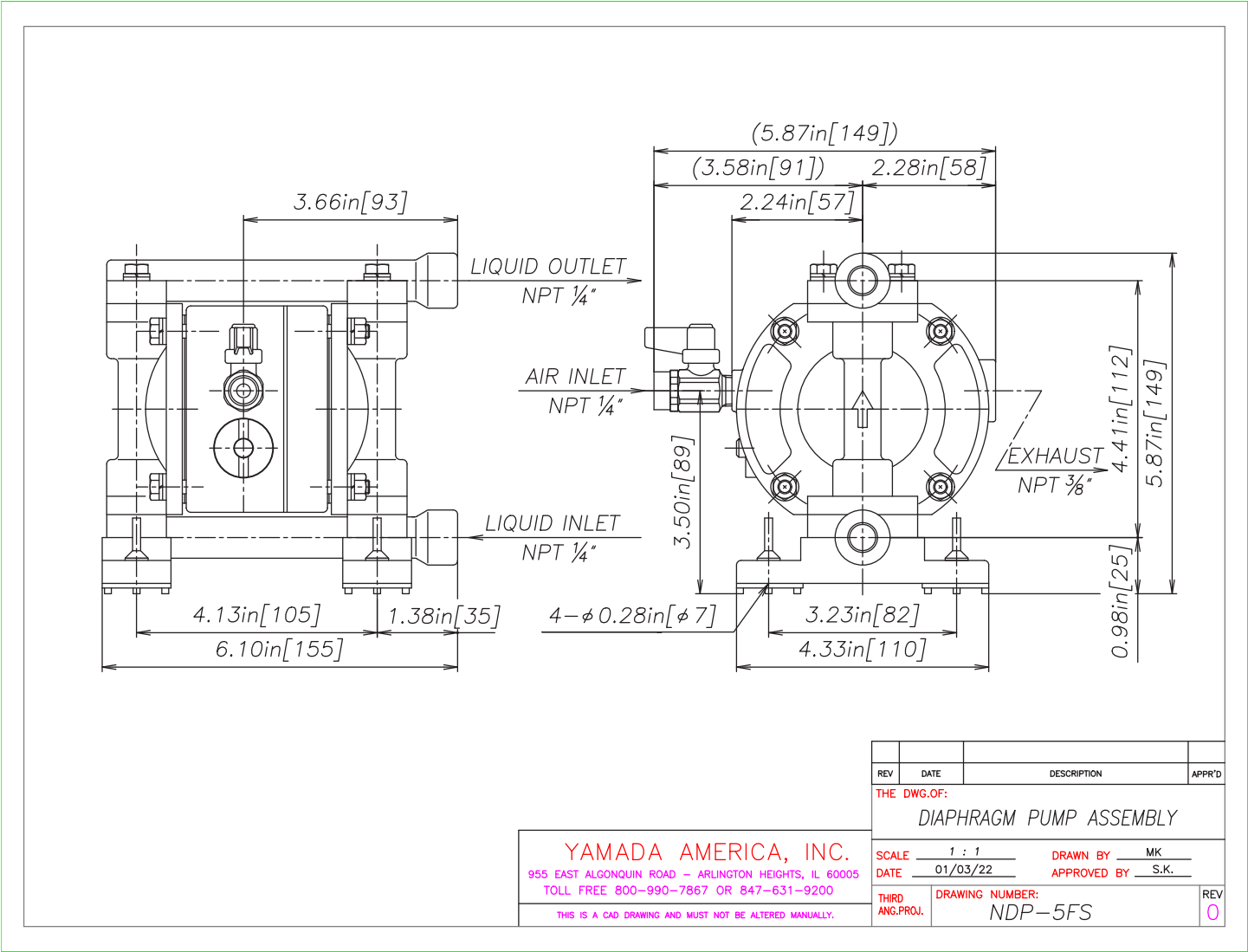
REV	DATE	DESCRIPTION	APPR'D
THE DWG. OF:			
DIAPHRAGM PUMP ASSEMBLY			
SCALE 1 : 1		DRAWN BY YJI	
DATE 02/08/06		APPROVED BY S.K.	
THIRD ANG. PROJ.	DRAWING NUMBER: NDP-5FA		REV 0

YAMADA AMERICA, INC.
955 EAST ALGONQUIN ROAD - ARLINGTON HEIGHTS, IL 60005
TOLL FREE 800-990-7867 OR 847-631-9200
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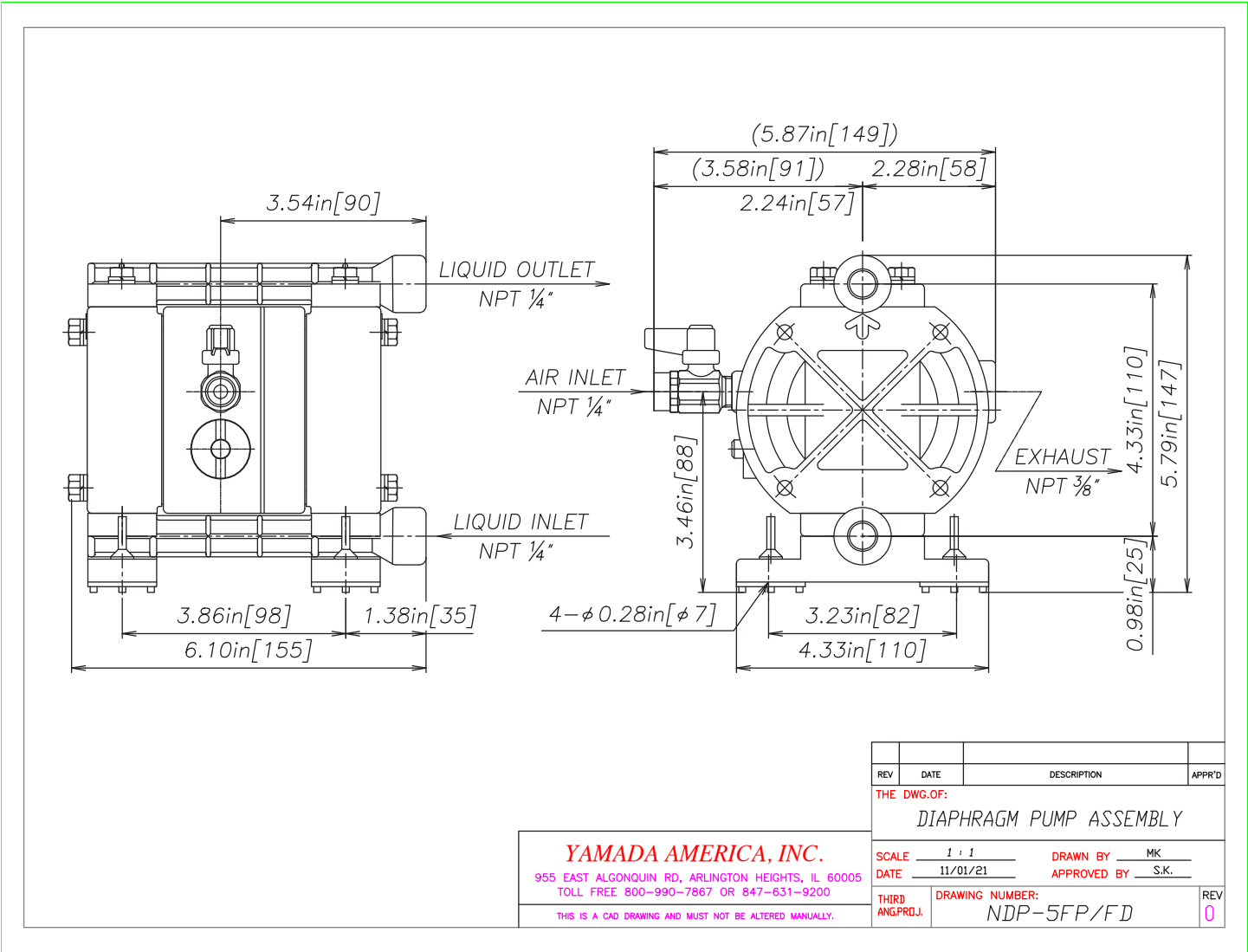
Dimensions

NDP-5 Stainless Steel



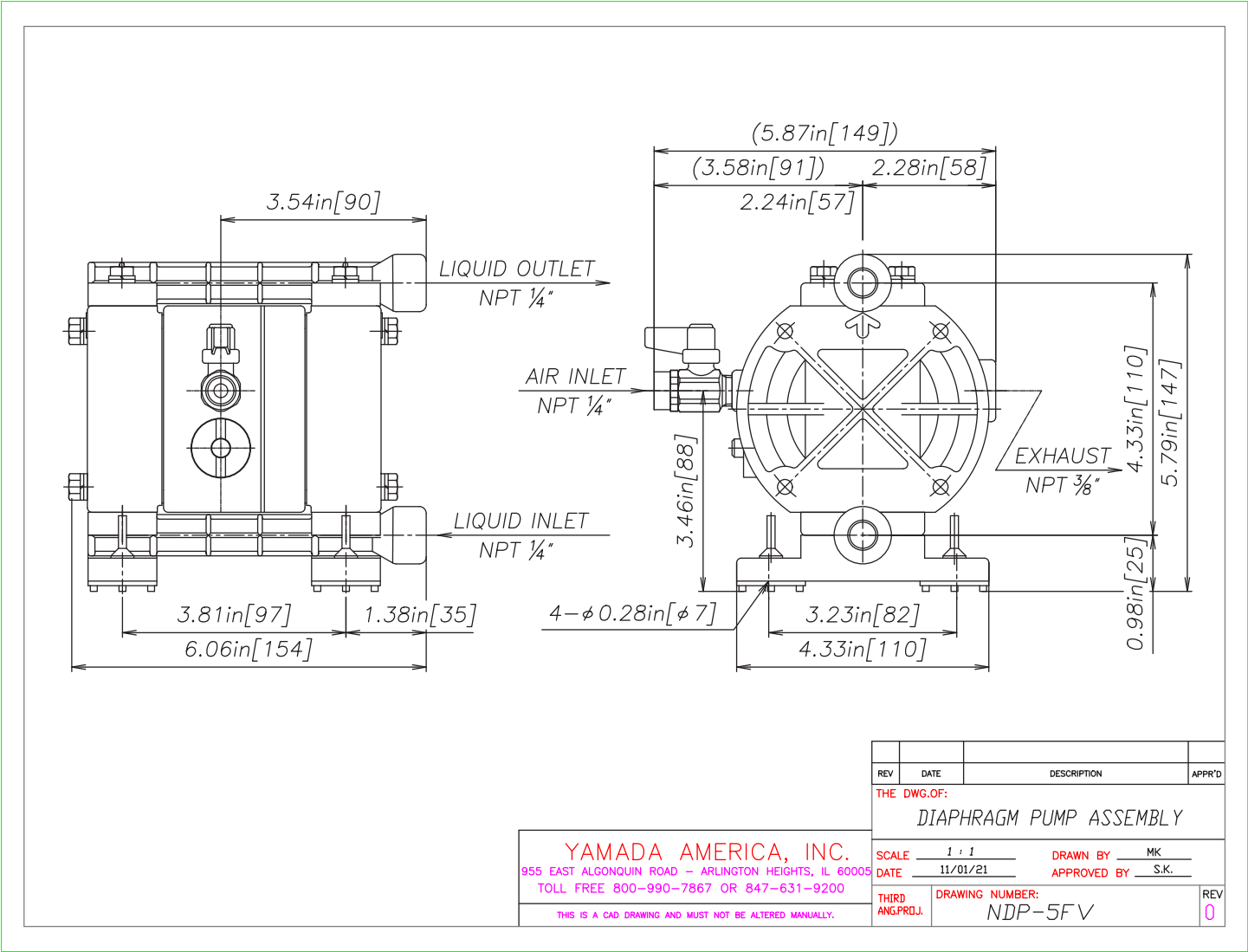
Dimensions

NDP-5 Polypropylene & Groundable Acetal



Dimensions

NDP-5 Kynar



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