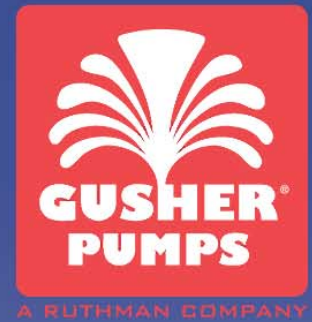




General Service Industrial Pumps

Self Priming Series



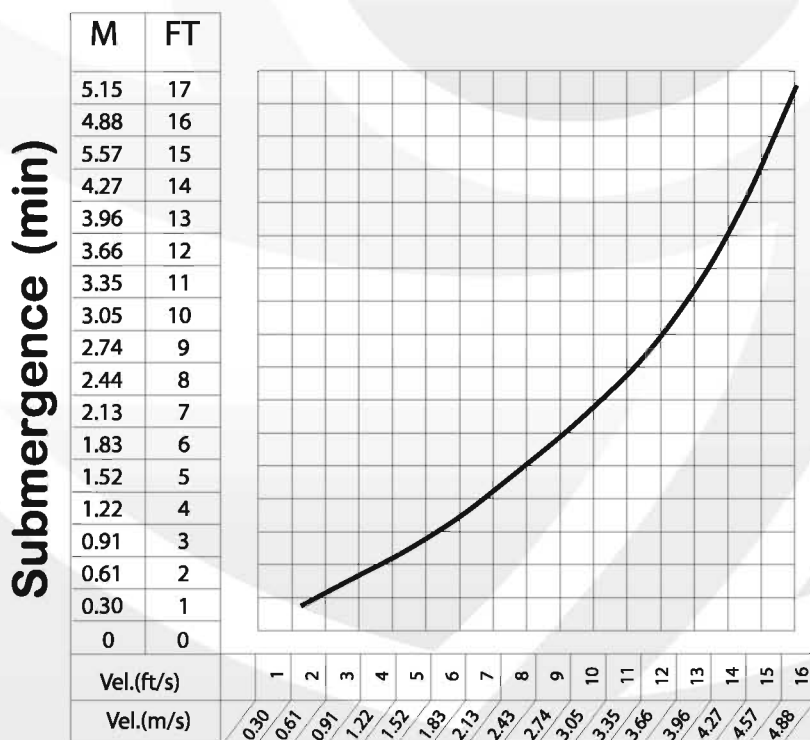
RUTHMAN
COMPANIES

www.gusher.com

MATERIALS OF CONSTRUCTION

	Standard	Type A	Type B	Type C	Type D	Type E	Type F	Type G
Casing	A 48CL30					CD4 MCU	SS 316	ADI
Impeller	A 60-40-18	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Wear Plate	SAE 1020	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Cover Plate	A 48CL30	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Bearing Housing	A 48CL30					CD4 MCU	SS 316	ADI
Seal Plate	A 48CL30	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Flap Valve	Neoprene					Viton		
Sleeve Shaft	ANSI 4140HT	ANSI 17-4						
Flange	A 48CL30				ADI	SS 316	SS 316	ADI
O'rings	Buna		Viton					
Impeller Shaft	ANSI 4140HT	ANSI 17-4						
Mechanical Seal	Casing in SS 316, O'rings in Buna & Viton, faces in titanium and tungsten carbide							

Suction Speed Flow Curve



Note 1: The suggested suction should have the same nominal diameter as the pump, so that the solids will be totally swept up.
Note 2: If the speed is higher than 3.5 m/s and if there is a need for higher "NPSH", please contact the factory.

Model-SPP2



DATA SHEET

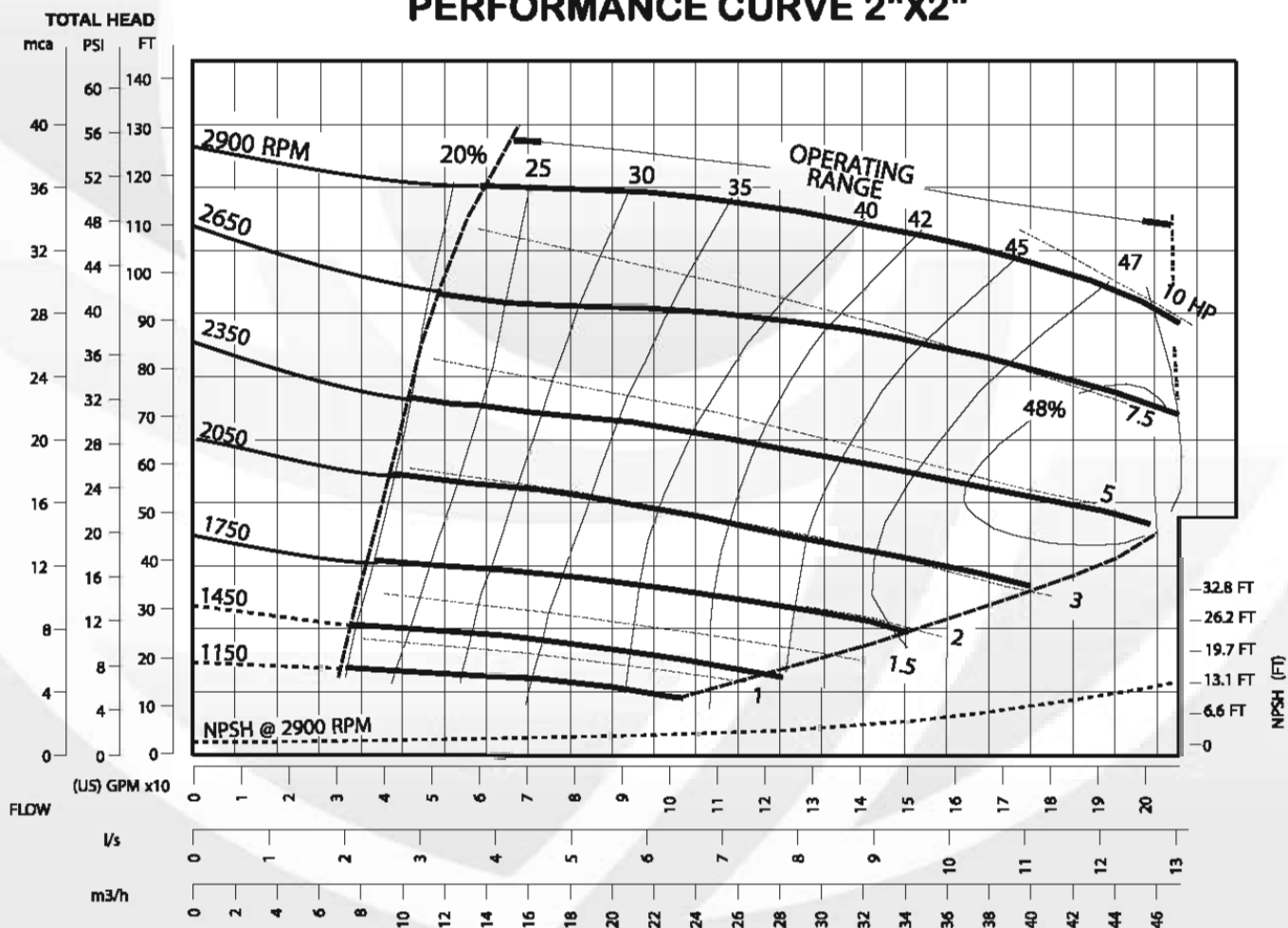
Net Weight	203 lbs
Impeller Dia.	6-1/4"
R.P.M.	1150rpm-2900rpm
Max. Solids	1-3/4"

SELF-PRIMING

1150rpm 24ft - 1450rpm 25ft
 1750rpm 25ft - 2040rpm 25ft
 2350rpm 25ft - 2650rpm 25ft
 2650rpm 25ft - 2900rpm 25ft

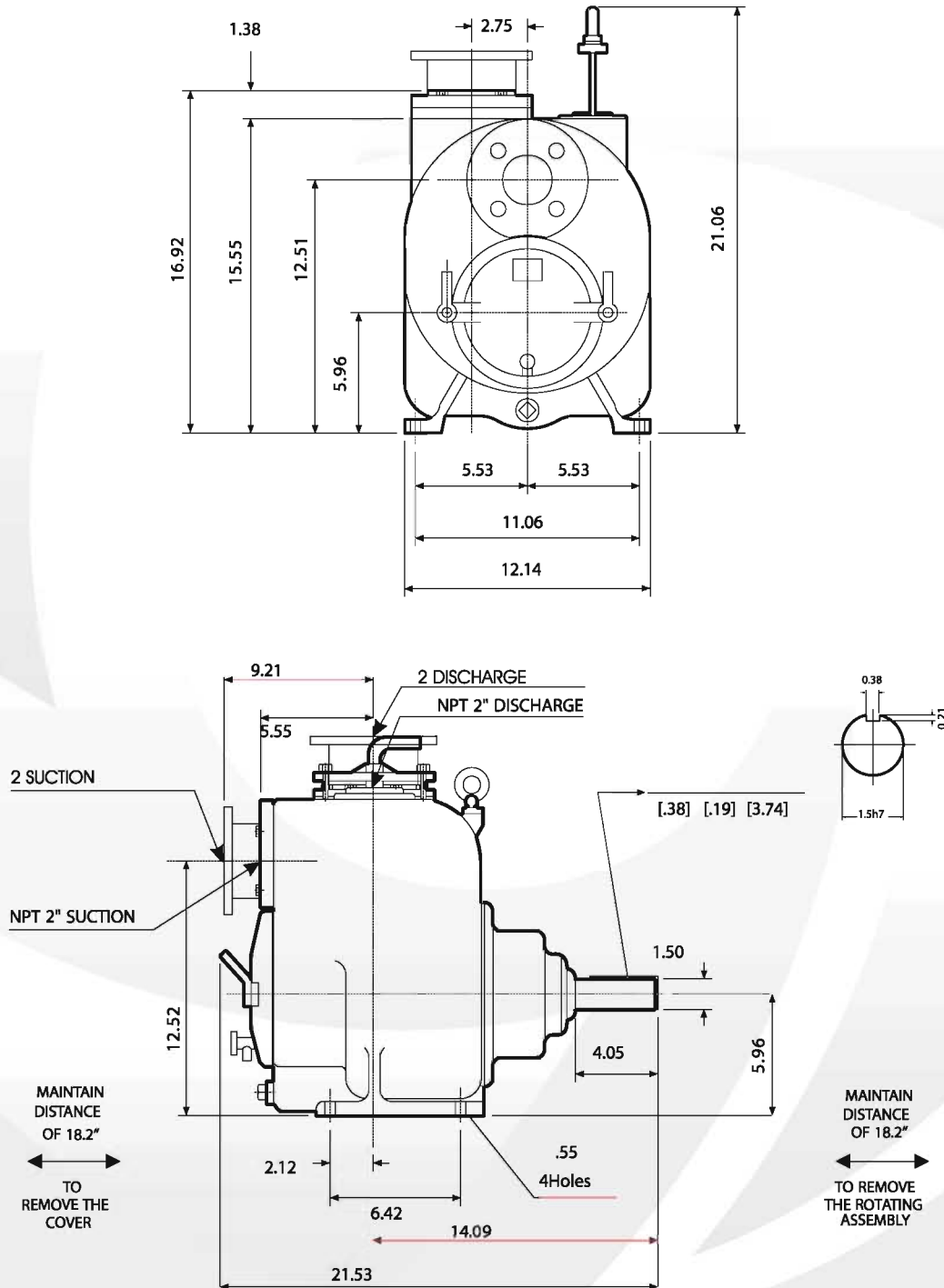
Before using this table, check the NPSH.

PERFORMANCE CURVE 2"X2"



Model-SPP2

EXTERNAL DIMENSIONS INCHES



Model-SPP3



DATA SHEET

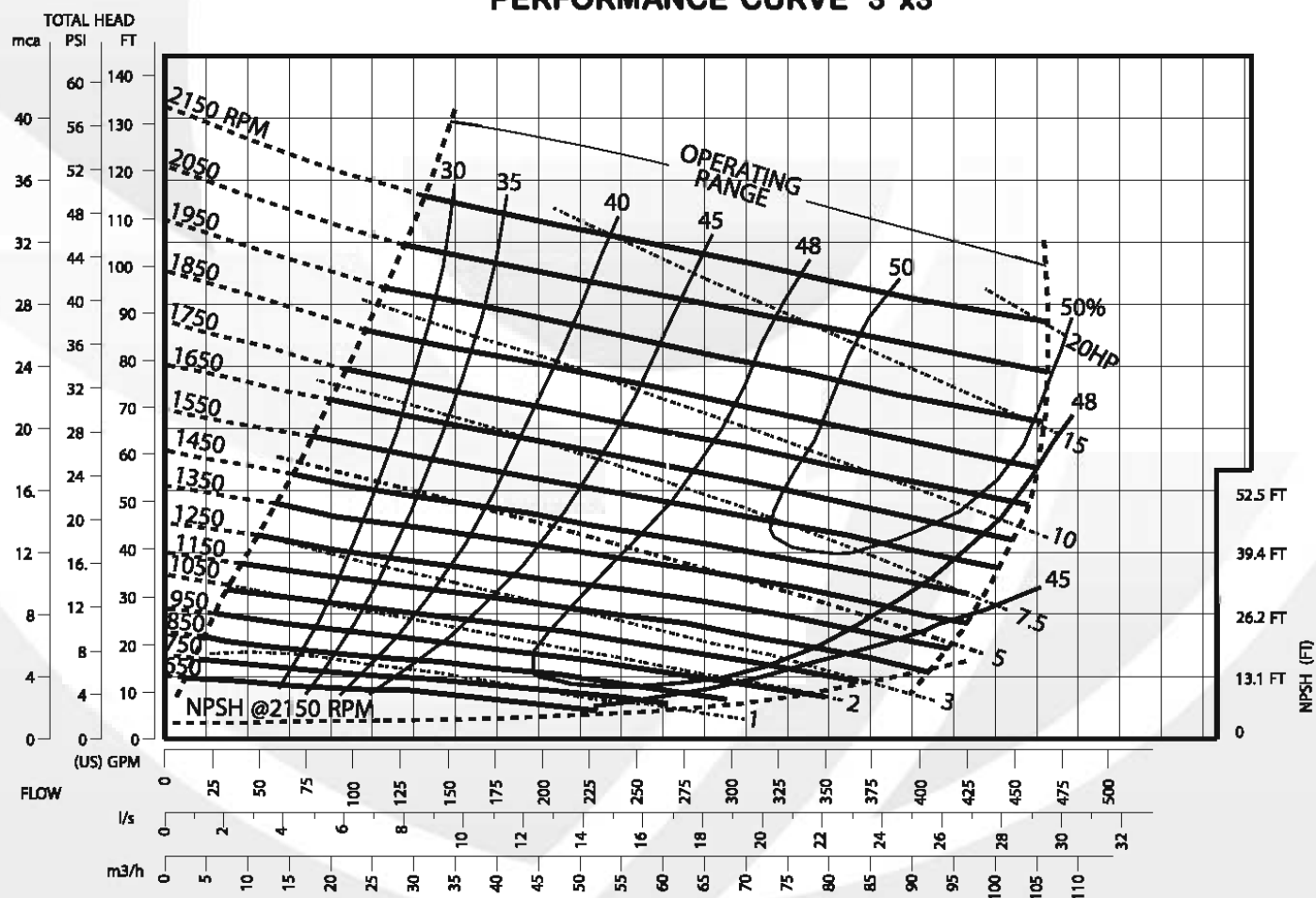
Net Weight	404 lbs
Impeller Dia.	8-3/4"
R.P.M.	650rpm-2150rpm
Max. Solids	2-1/2"

SELF-PRIMING

650rpm	5ft - 750rpm	6ft
850rpm	8ft - 1150rpm	18ft
1050rpm	13ft - 1150rpm	16ft
1240rpm	18ft - 1350rpm	19ft
1450rpm	21ft - 1550rpm	21ft
1650rpm	22ft - 1750rpm	22ft
1650rpm	25ft - 1950rpm	25ft
2050rpm	25ft - 2150rpm	25ft

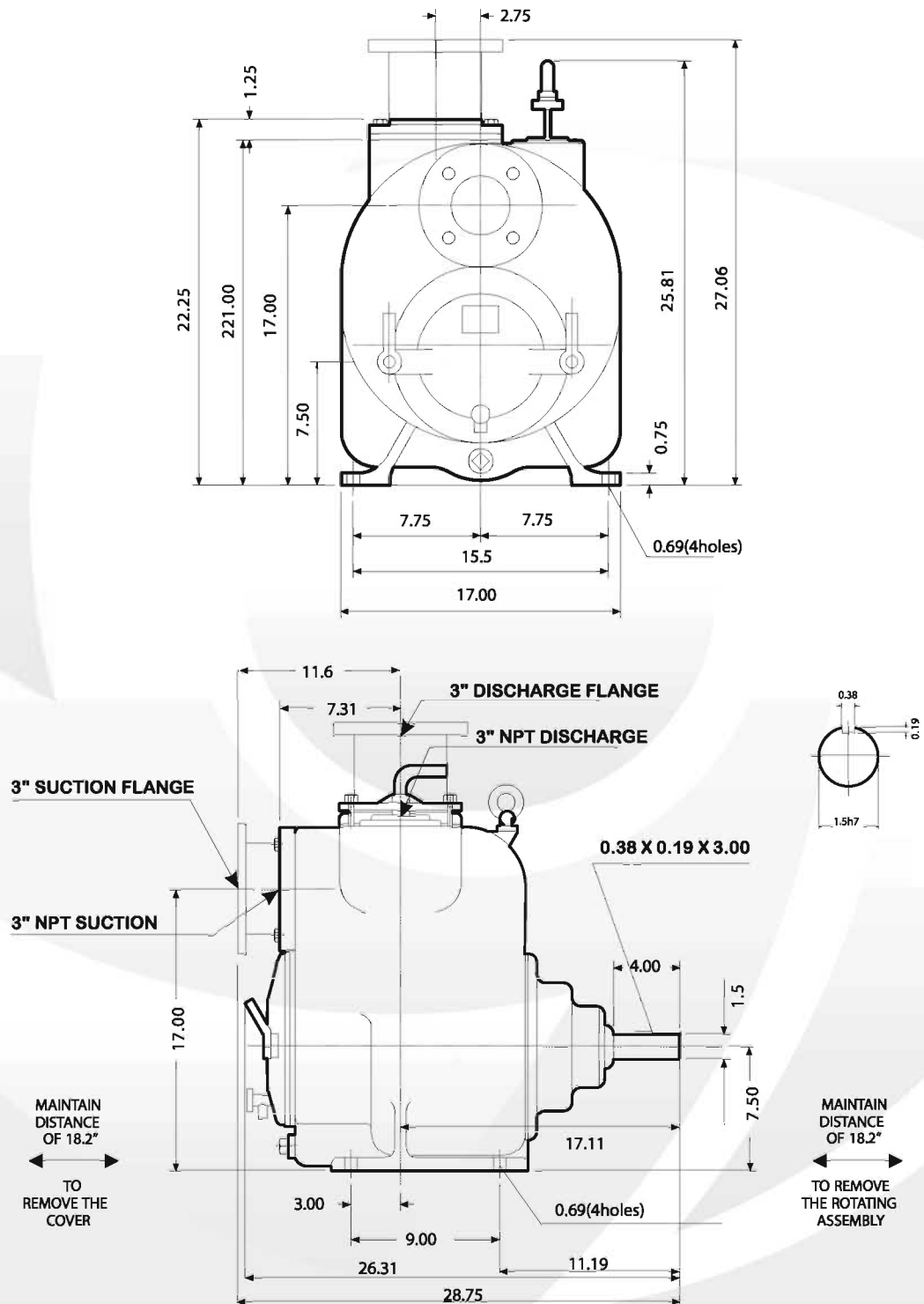
Before using this table, check the NPSH.

PERFORMANCE CURVE 3"x3"



Model-SPP3

EXTERNAL DIMENSIONS INCHES



Model-SPP4



DATA SHEET

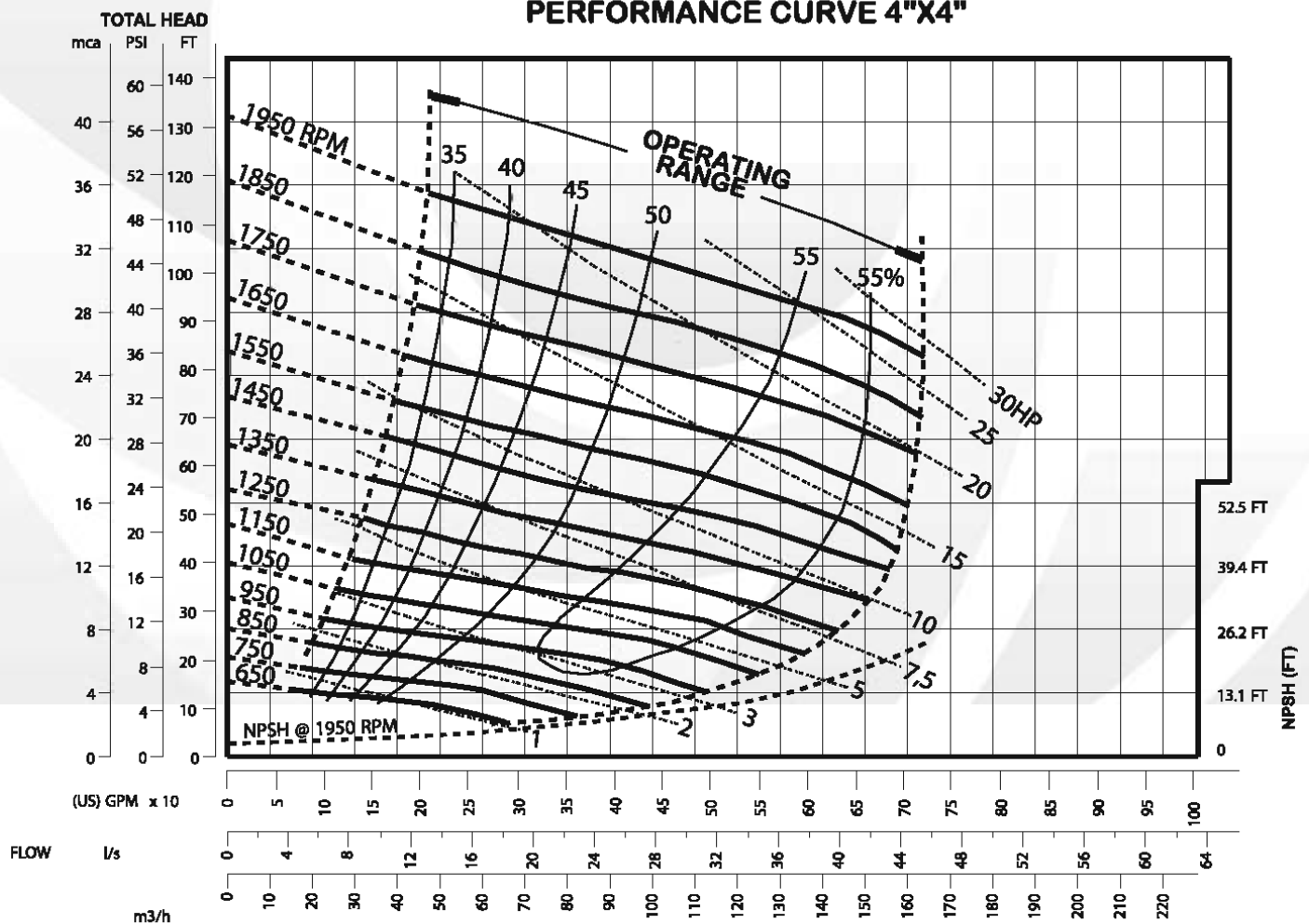
Net Weight	600 lbs
Impeller Dia.	9-3/4"
R.P.M.	650rpm-1950rpm
Max. Solids	3"

SELF-PRIMING

650rpm	5ft - 750rpm	8ft
850rpm	16ft - 950rpm	19ft
1050rpm	22ft - 1150rpm	24ft
1250rpm	25ft - 1350rpm	25ft
1450rpm	25ft - 1550rpm	25ft
1650rpm	25ft - 1750rpm	25ft
1850rpm	25ft - 1950rpm	25ft

Before using this table, check the NPSH.

PERFORMANCE CURVE 4"X4"



EXTERNAL DIMENSIONS INCHES



Model-SPP6



DATA SHEET

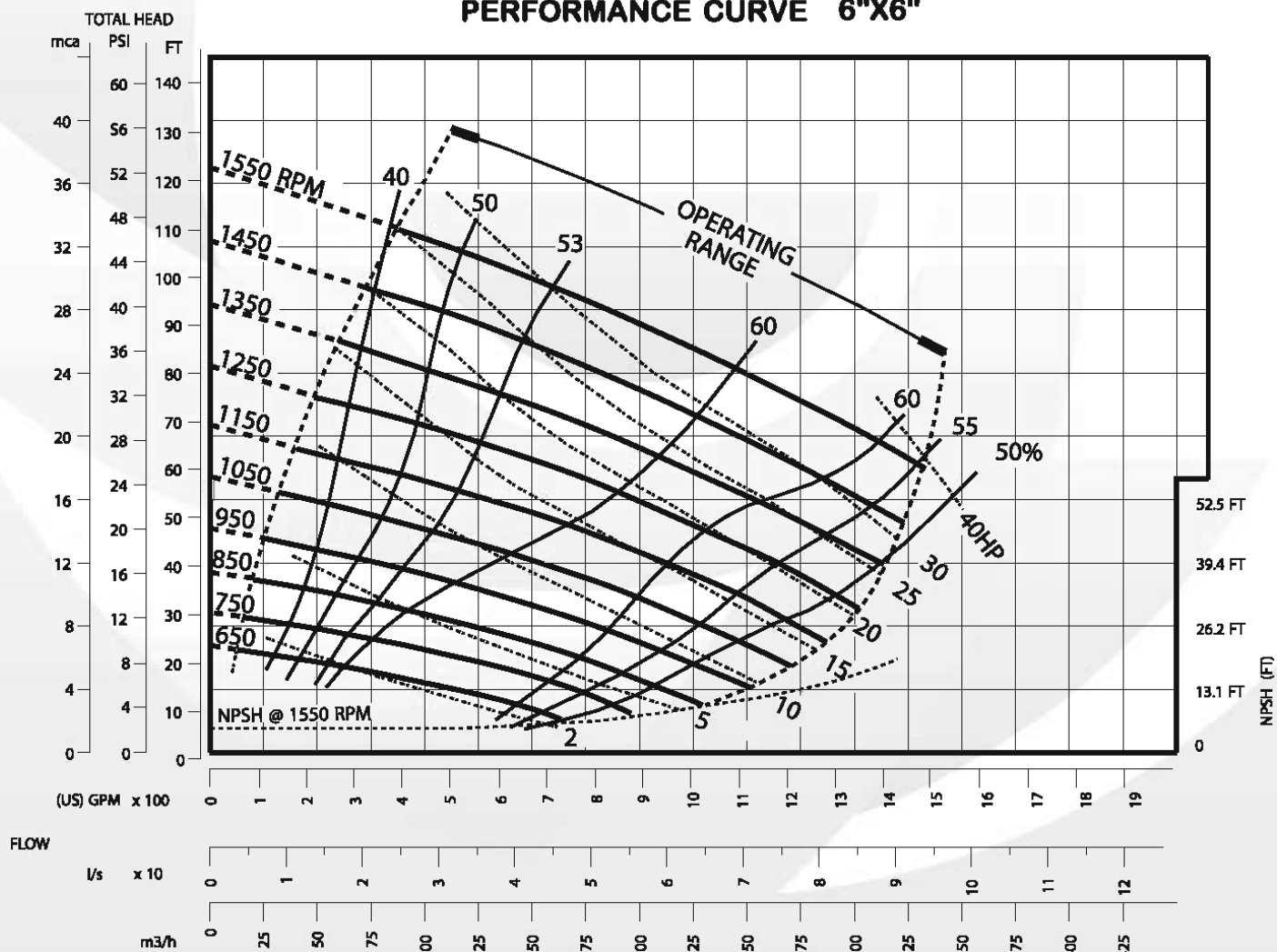
Net Weight	802 bs
Impeller Dia.	1 2-3/8
R.P.M.	650rpm-1550rpm
Max. Solids	3

SELF PRIMING

650rpm 8ft - 750rpm 9ft
 850rpm 12ft - 950rpm 14ft
 1050rpm 16ft - 1150rpm 21ft
 1250rpm 21ft - 1350rpm 22ft
 1450rpm 23ft - 1550rpm 25ft

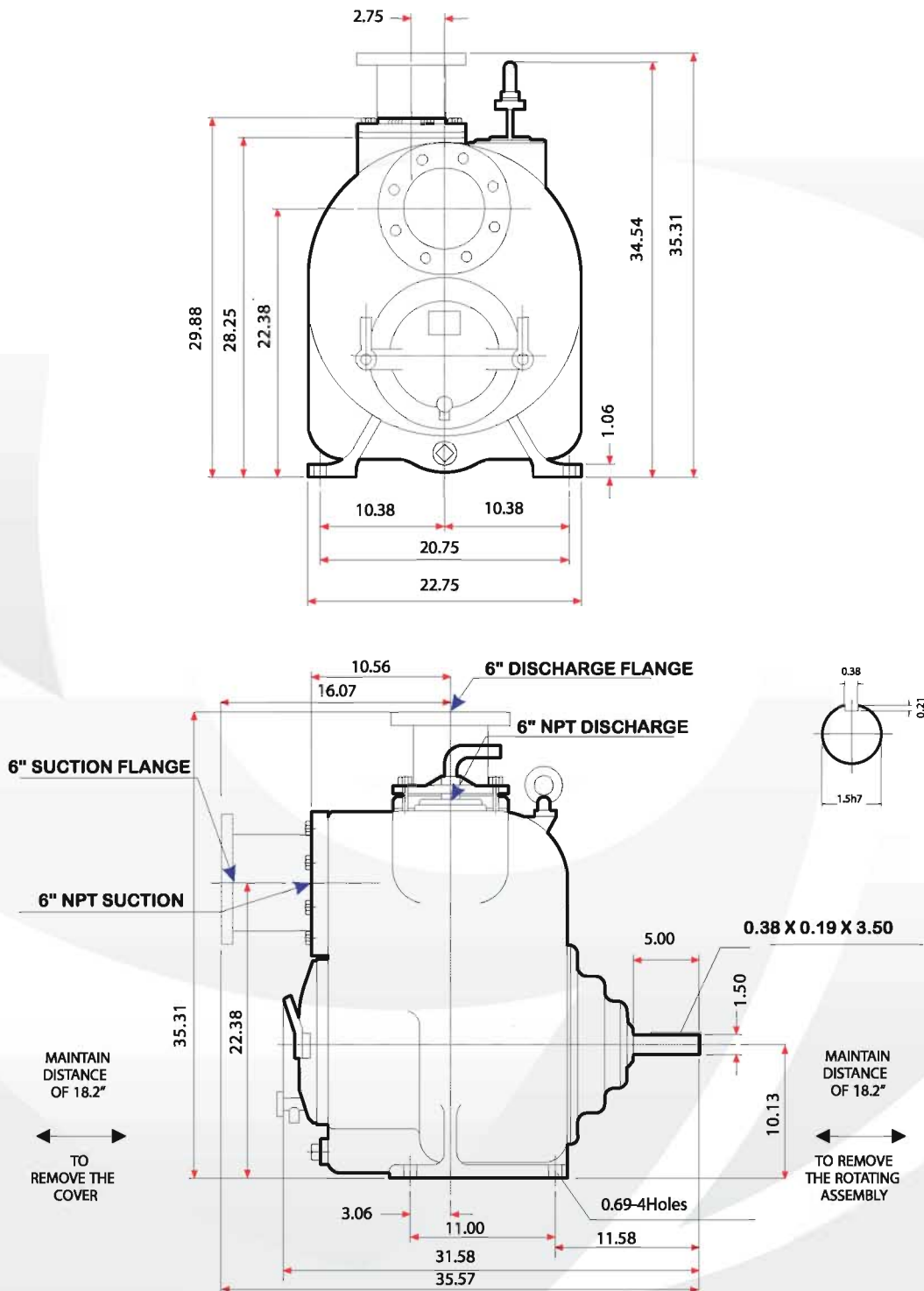
Before using this table, check the NPSH.

PERFORMANCE CURVE 6"X6"



Model-SPP6

EXTERNAL DIMENSIONS INCHES



Model-SPP8



DATA SHEET

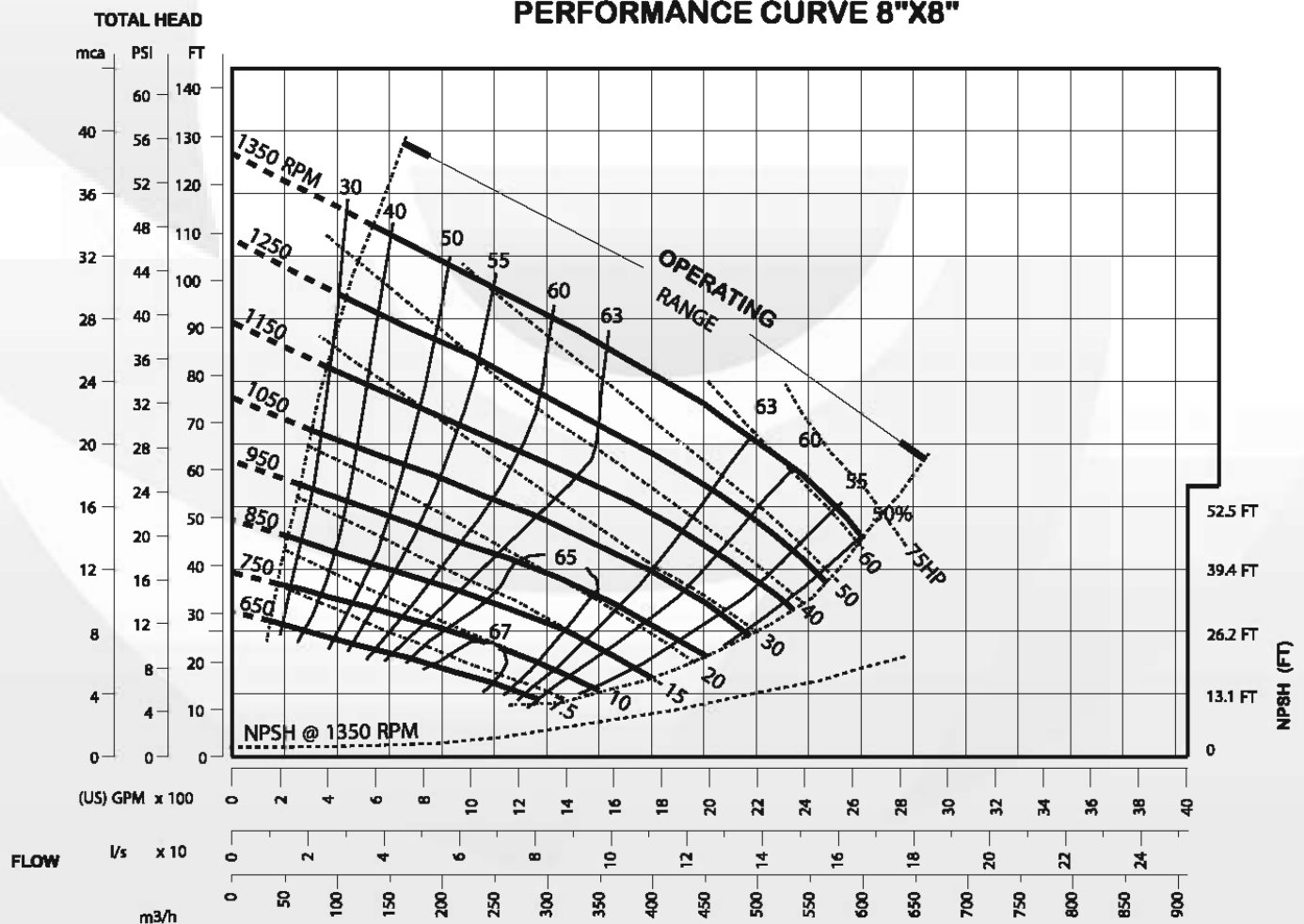
Net Weight	1295 lbs
Impeller Dia.	14-3/4"
R.P.M.	650rpm - 1350rpm
Max. Solids	3"

SELF-PRIMING

650rpm 9ft - 750rpm 12ft
850rpm 15ft - 950rpm 17ft
1050rpm 20ft - 1150rpm 21ft
1250rpm 22ft - 1350rpm 23ft

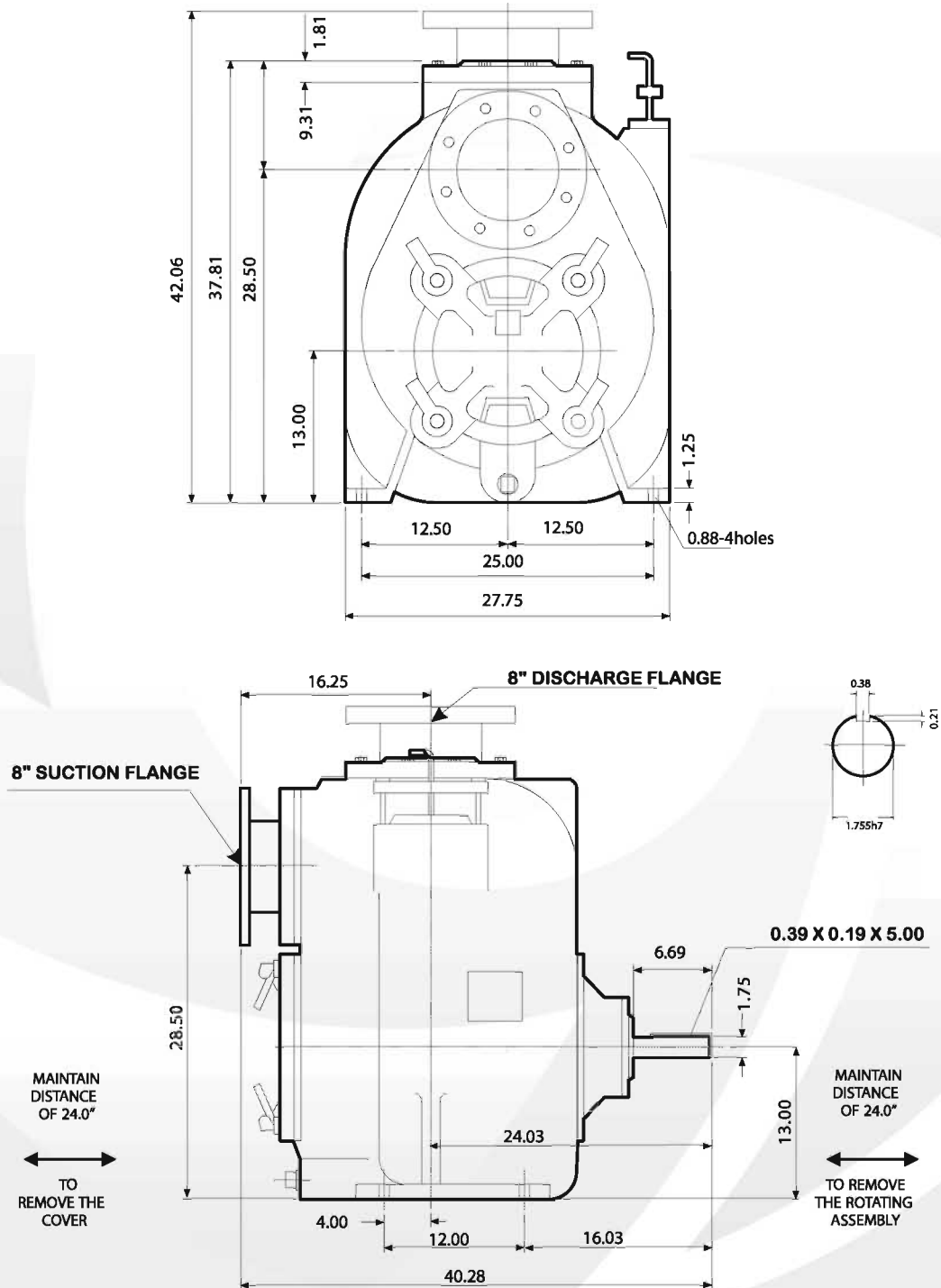
Before using this table, check the NPSH.

PERFORMANCE CURVE 8"X8"



Model-SPP8

EXTERNAL DIMENSIONS INCHES



Model-SPP10



DATA SHEET

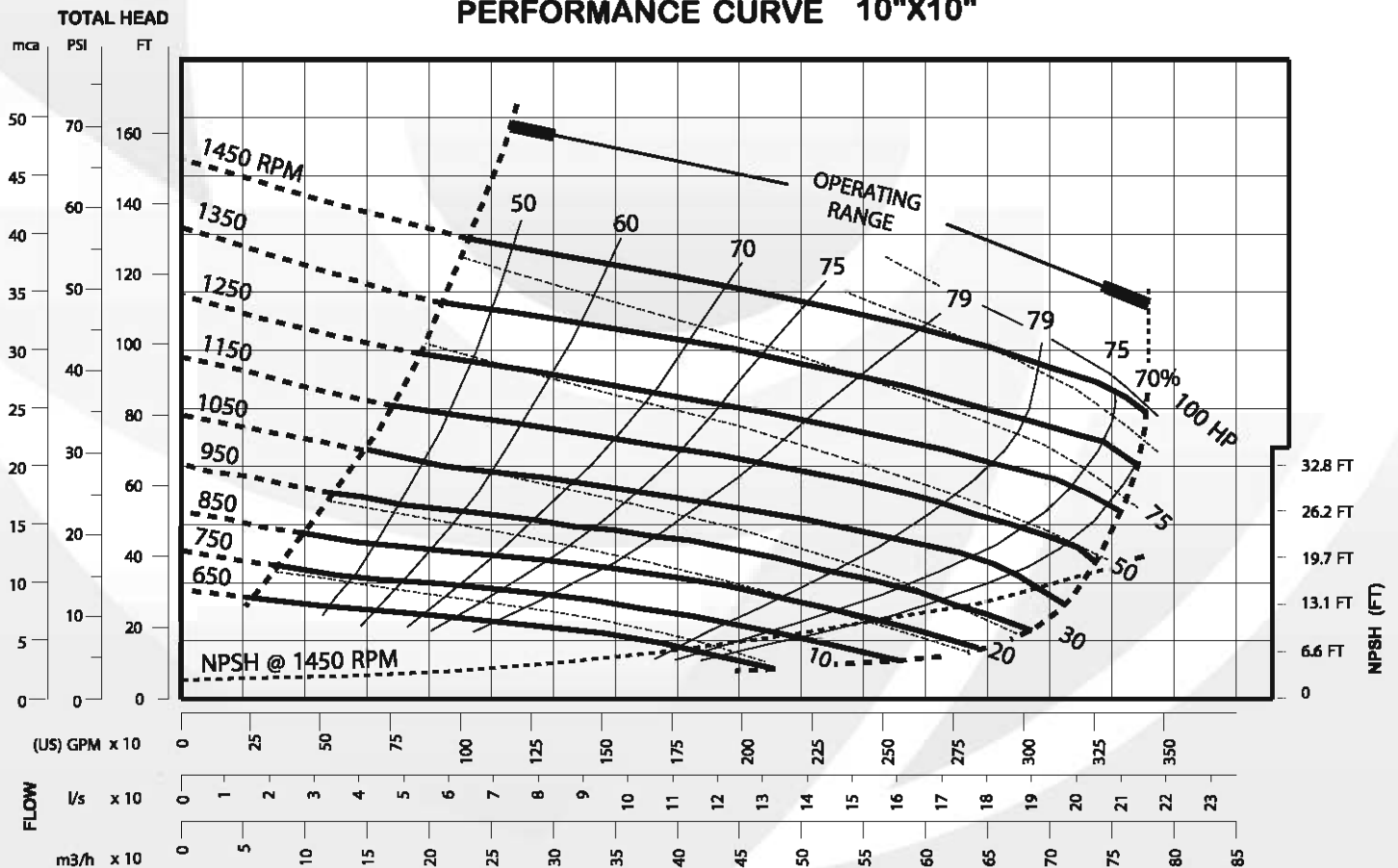
Net Weight 1461 lbs
Impeller Dia. 14-3/4"
R.P.M. 650rpm-1450rpm
Max. Solids 3"

SELF-PRIMING

650rpm 7ft - 750rpm 11ft
850rpm 14ft - 950rpm 17ft
1050rpm 18ft - 1150rpm 18ft
1250rpm 19ft - 1350rpm 22ft
1450rpm 22ft

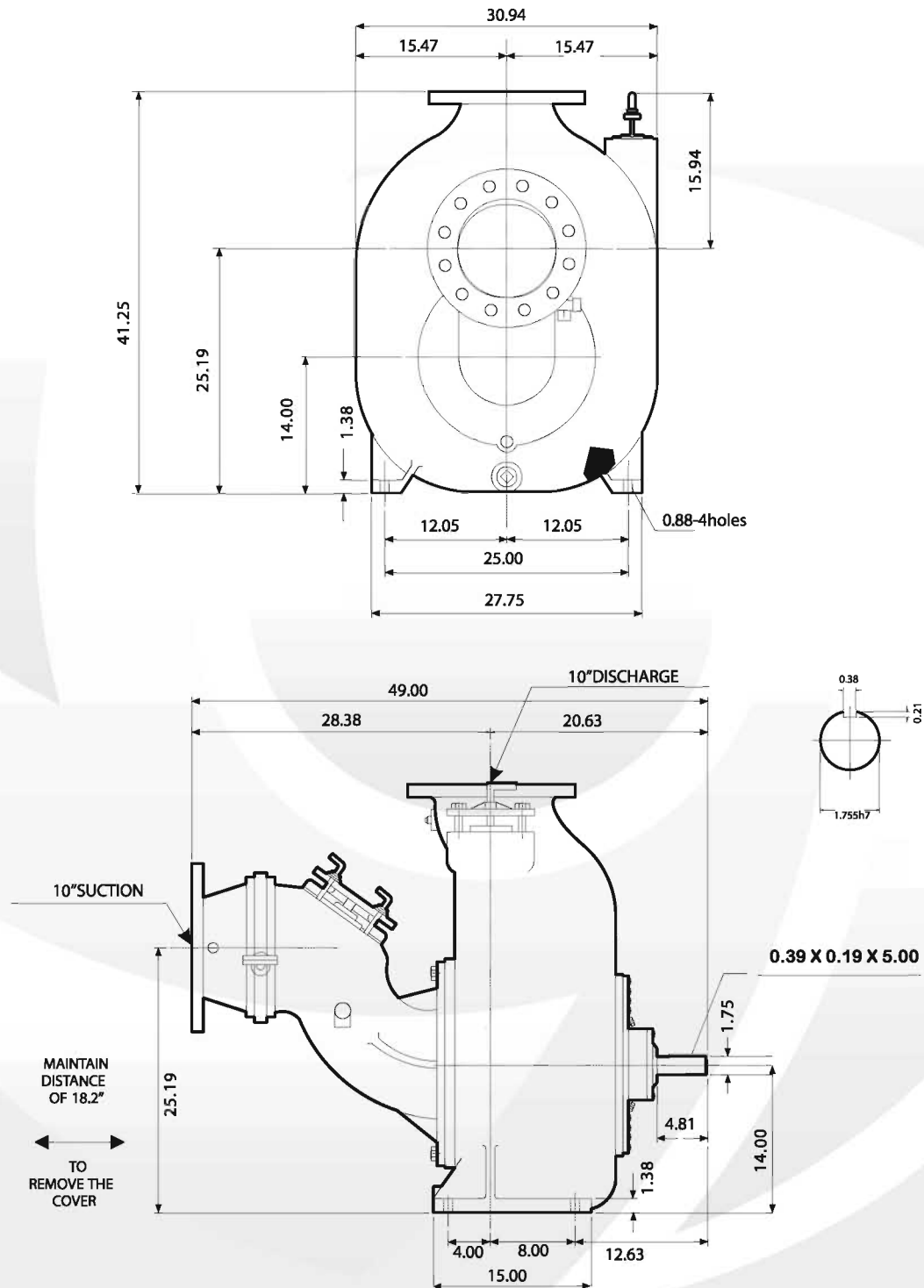
Before using this table, check the NPSH.

PERFORMANCE CURVE 10"X10"



EXTERNAL DIMENSIONS

INCHES

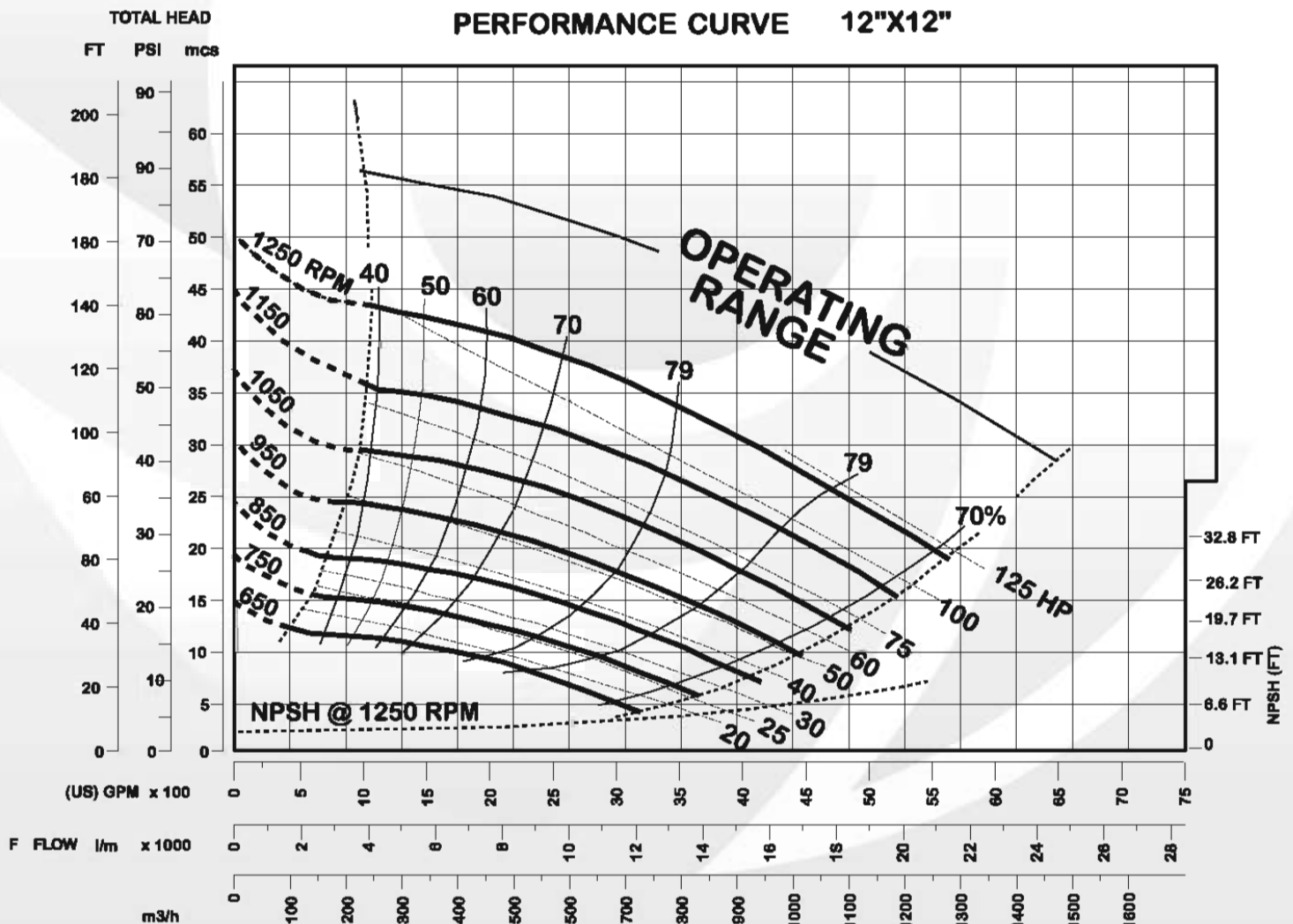


A black, compact, cylindrical industrial pump or motor unit. It features a top-mounted handle or cap, a large circular port on the right side, and a smaller port on the left. A yellow triangular warning label is visible on the front. The unit is mounted on a black base.

Net Weight	2200 lbs
Impeller Dia.	18"
R.P.M.	650rpm-1250rpm
Max. Solids	3"

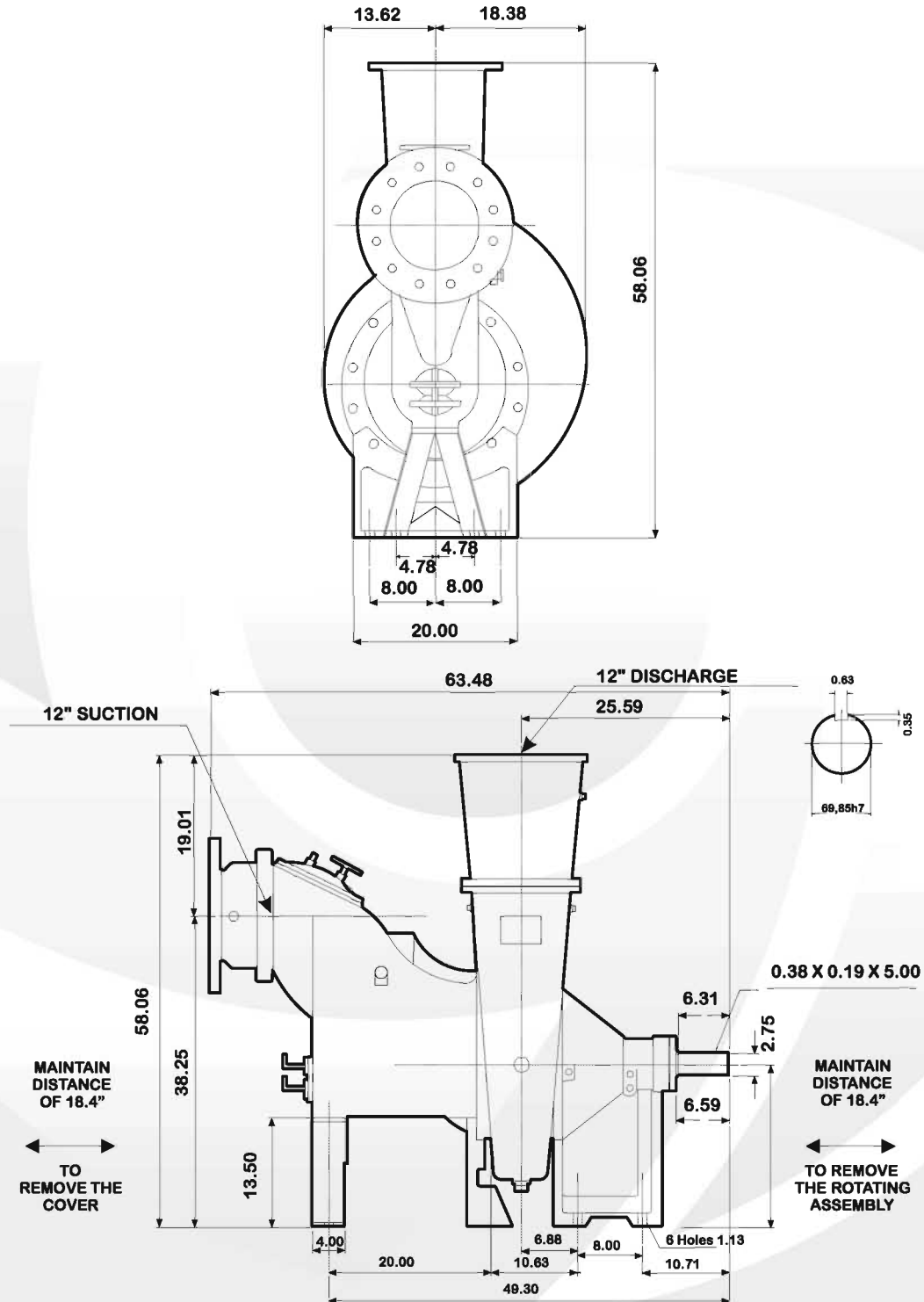
650rpm 5ft - 750rpm 9ft
850rpm 13ft - 950rpm 15ft
1050rpm 16ft - 1150rpm 16ft
1250rpm 16ft

PERFORMANCE CURVE 12"X12"



Model-SPP12

EXTERNAL DIMENSIONS INCHES



Model-HPSSP3

DATA SHEET

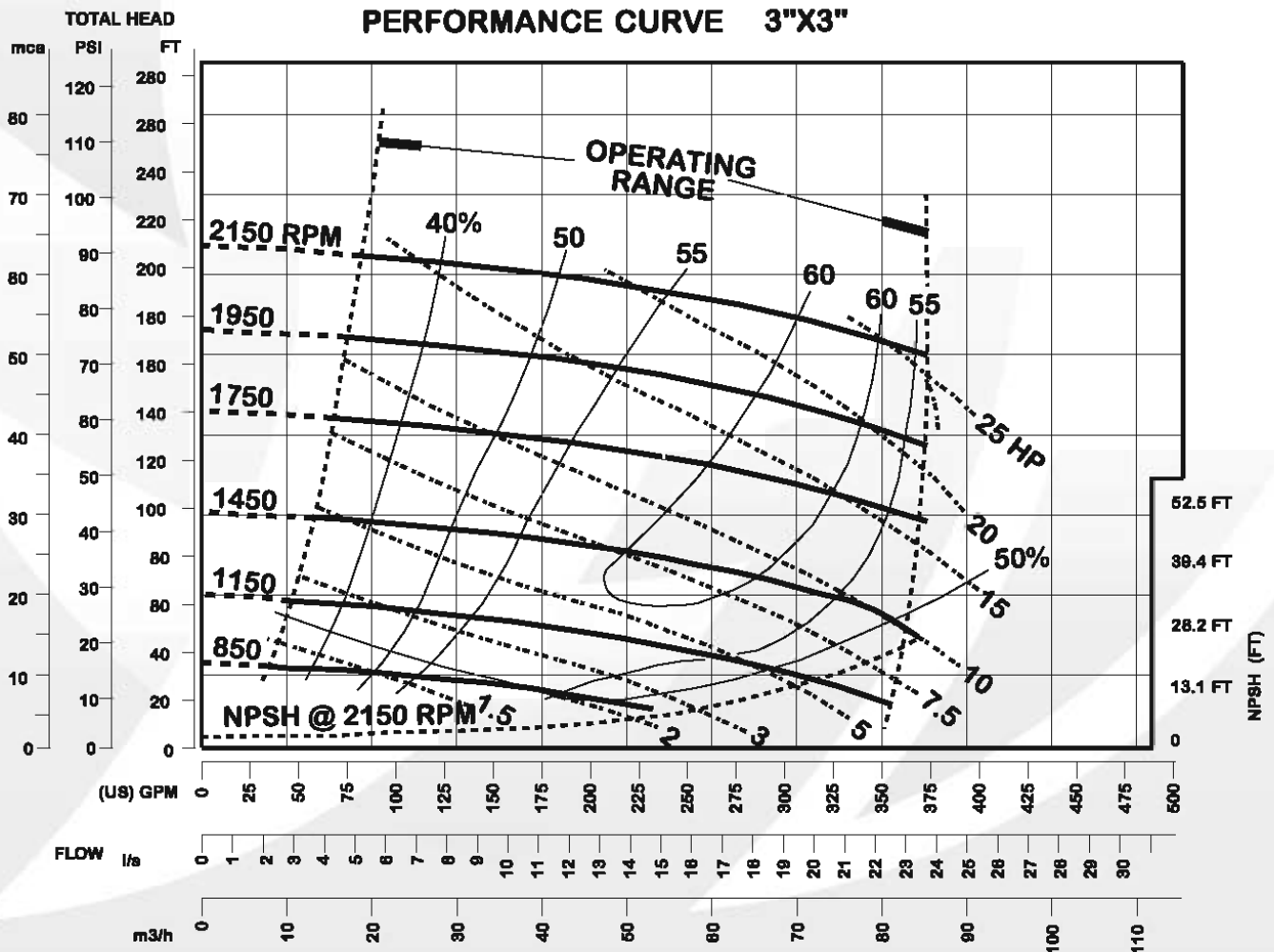


Net Weight 472 lbs
Impeller Dia. 11.00"
R.P.M. 850rpm-2150rpm
Max. Solids 13/16"

SELF-PRIMING

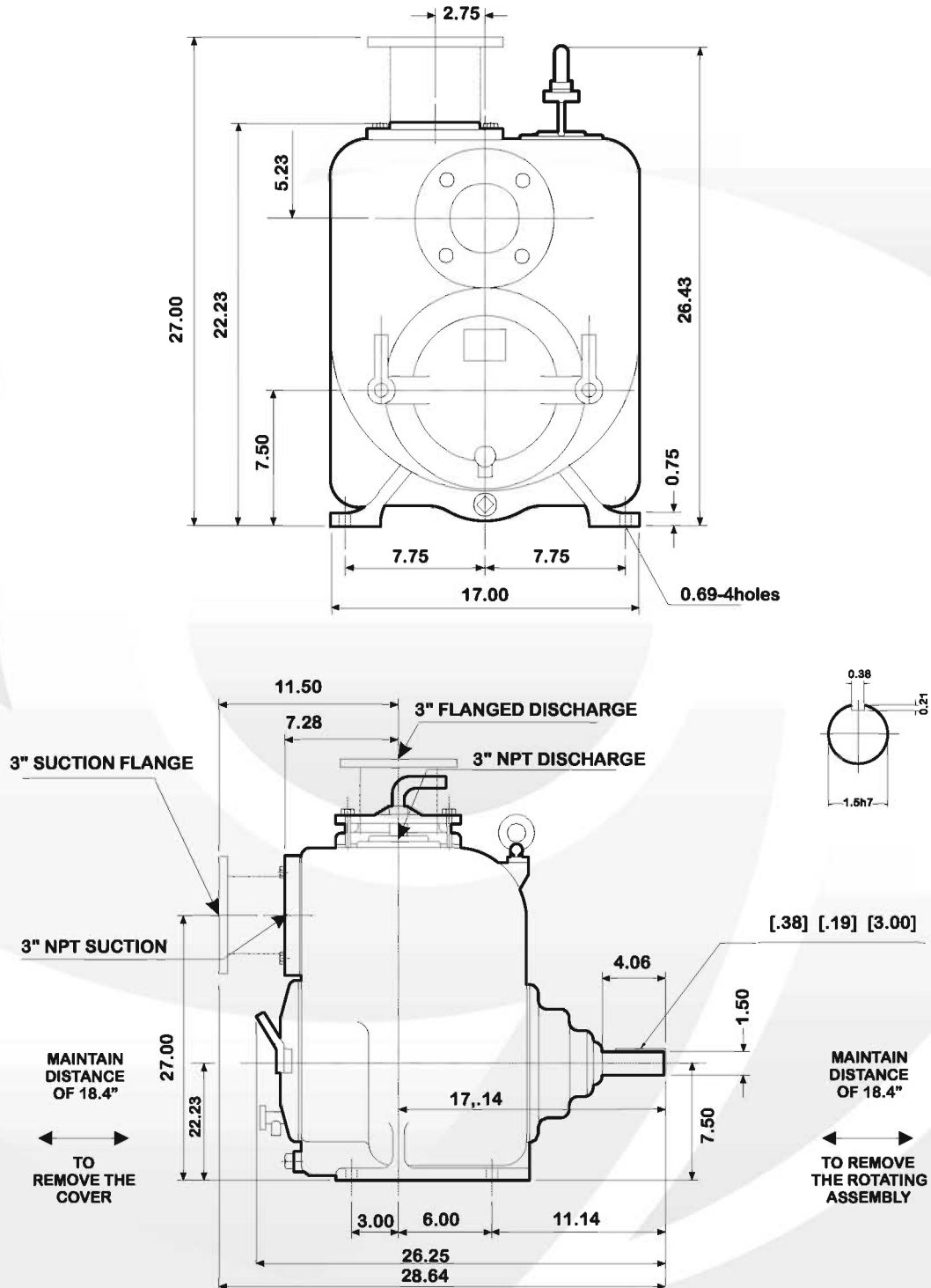
850rpm 7ft - 1150 9ft
 1450rpm 15ft - 1750rpm 25ft
 1950rpm 25ft - 2150rpm 25ft

Before using this table, check the NPSH.



Model-HPSP3

EXTERNAL DIMENSIONS INCHES



Model-HPSP4



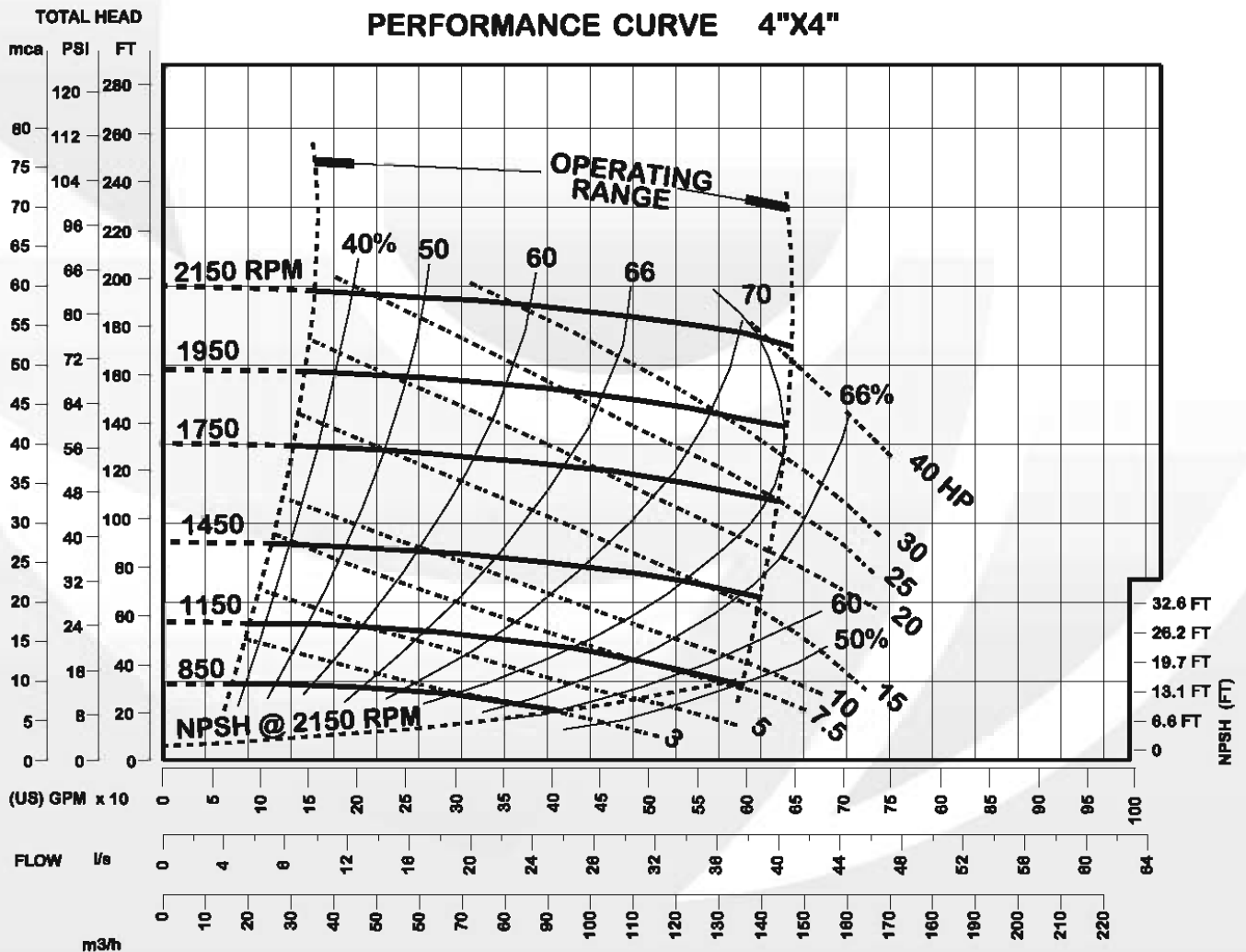
DATA SHEET

Net Weight 600lbs
Impeller Dia. 11"
R.P.M. 850rpm-2150rpm
Max. Solids 1-1/8"

SELF-PRIMING

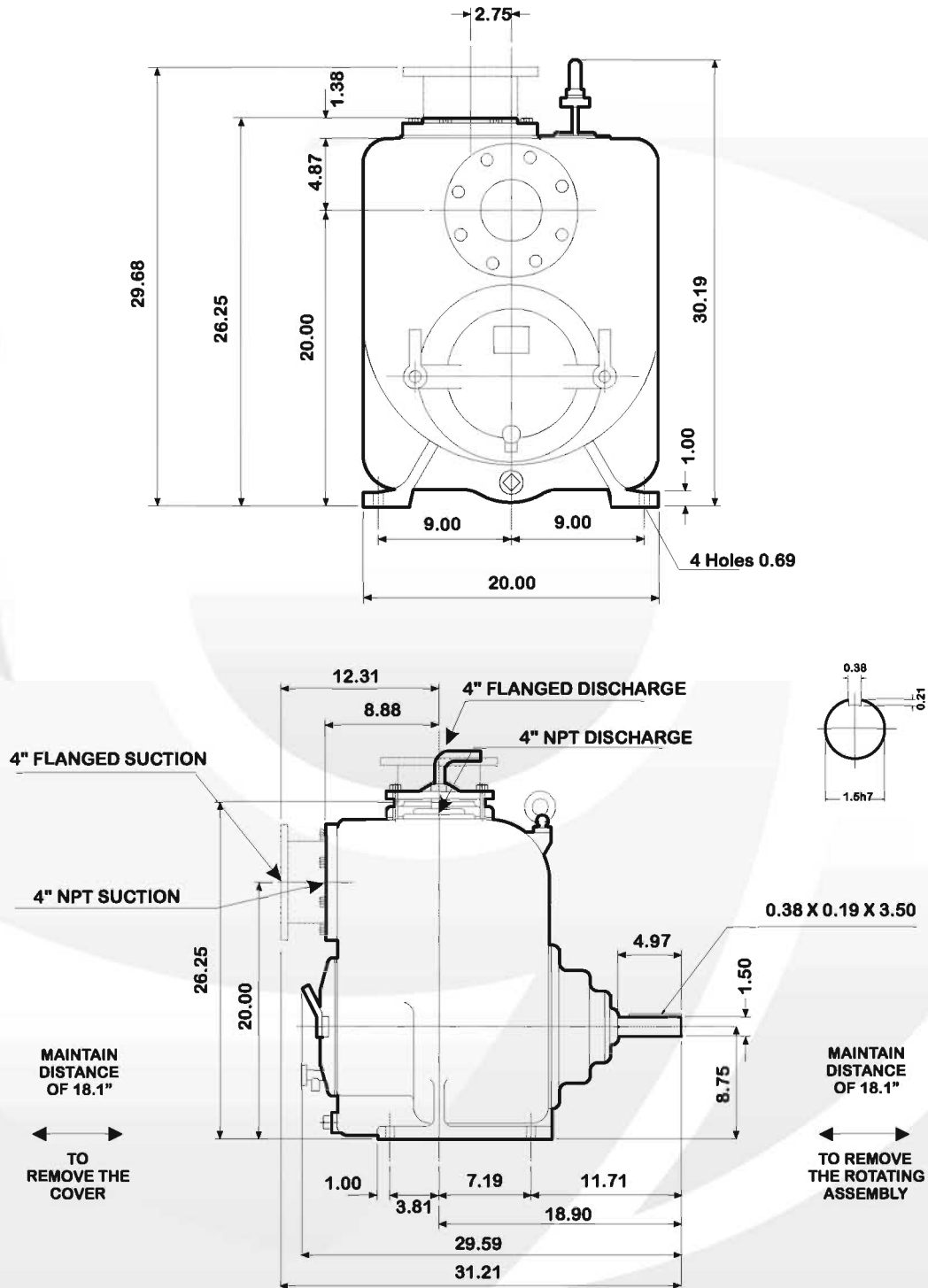
850rpm 4ft - 1150rpm 10ft
 1450rpm 12ft - 1750rpm 13ft
 1950rpm 15ft - 2150rpm 17ft

Before using this table, check the NPSH.



Model-HPSP4

EXTERNAL DIMENSIONS INCHES



Model-HPSP6



DATA SHEET

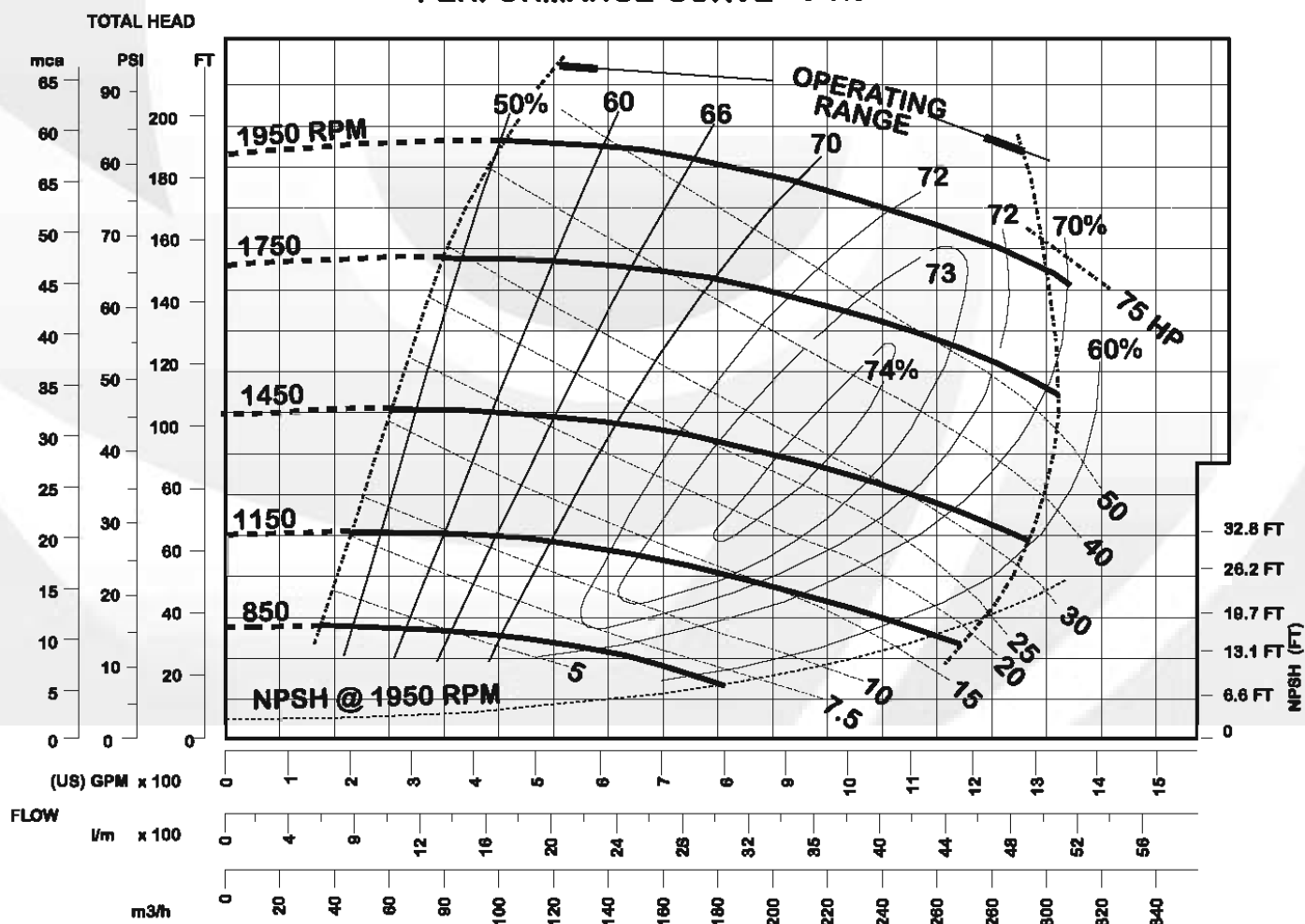
Net Weight 913lbs
 Impeller Dia. 12-1/2"
 R.P.M. 850rpm-1950rpm
 Max. Solids 1-1/4"

SELF-PRIMING

850rpm 8ft - 1150rpm 10ft
 1450rpm 10ft - 1750rpm 15ft
 1950rpm 15ft

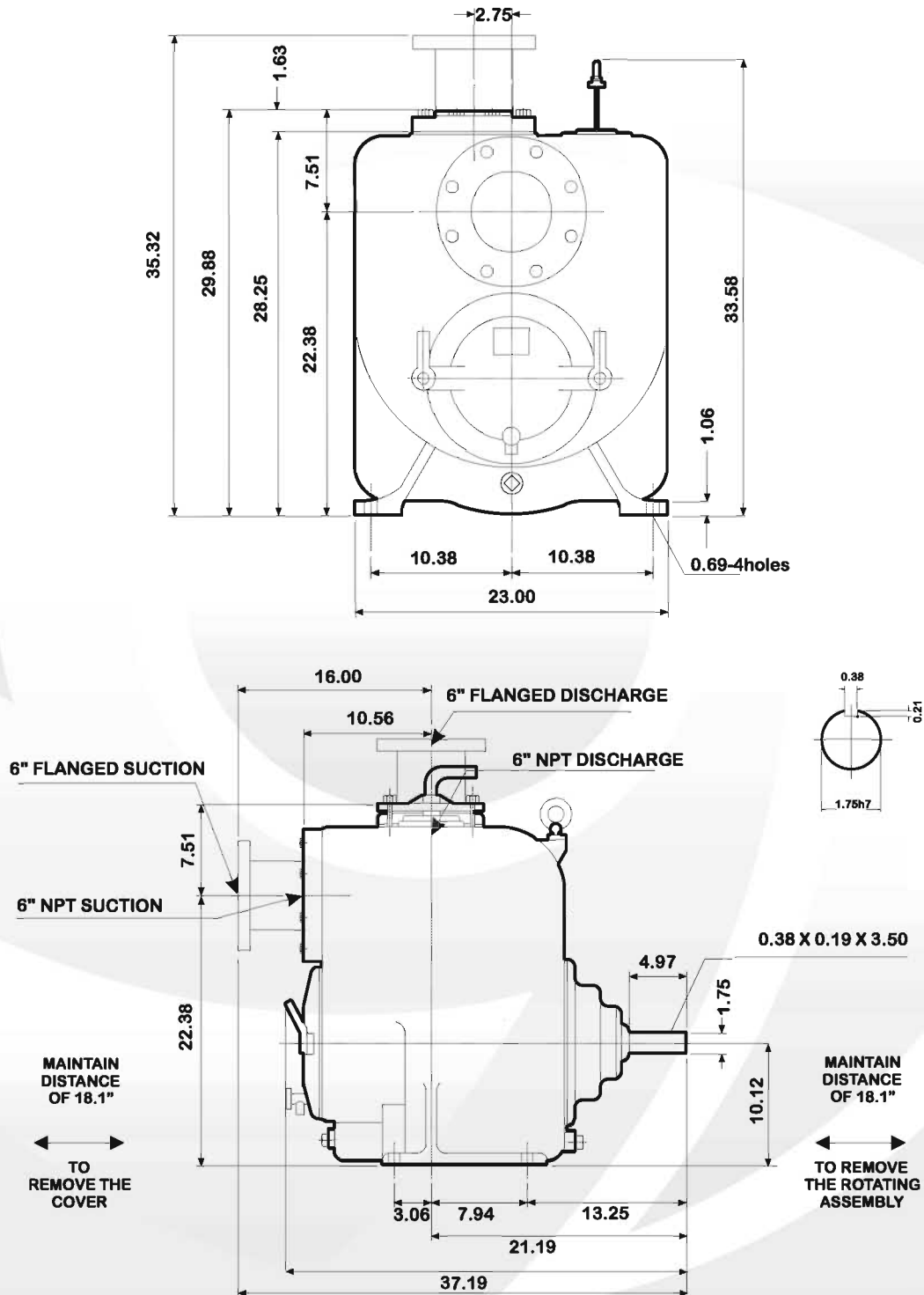
Before using this table, check the NPSH.

PERFORMANCE CURVE 6"X6"



Model-HPSP6

EXTERNAL DIMENSIONS INCHES



The image shows a light gray background with a large, faint, stylized eye or spiral shape in the center. The shape is composed of concentric circles and radiating lines, creating a sense of depth and movement. Overlaid on this background is a grid of horizontal lines, which are evenly spaced and extend across the width of the image. The lines are a dark gray color, providing a clear contrast against the lighter background. The overall composition is clean and modern, with a focus on geometric shapes and patterns.



A RUTHMAN COMPANY
www.gusher.com

Gusher Pumps of Dry Ridge

22 Ruthman Drive
Dry Ridge, KY 41035
Phone: 859-824-5001
Fax: 859-824-3011
Web: www.gusher.com

Gusher Pumps of Williamstown

115 Industrial Drive
Williamstown, KY 41097
Phone: 859-824-3100
Fax: 859-824-7248
Web: www.gusher.com

Gusher Pumps of California

8226 Salt Lake Avenue
Cudahy, CA 90201
Phone: 323-773-0847
Fax: 323-773-0958
Email: gusherca@aol.com

Gusher Pumps of New Castle

403 North Ninth Street
New Castle, IN 47362
Phone: 765-529-5624
Fax: 765-521-0008
Email: gusherpump@insightbb.com

Additional Ruthman Company Partners:

BSM Pump Corp.

180 Frenchtown Road
North Kingstown, RI 02852
Phone: 401-471-6350
Fax: 401-471-6370
Web: www.bsmpump.com

FPI Pumps, Inc.,

814 Hammondville Road
Pompano Beach, FL 33060
Phone: 954.946.3066
Fax: 954.946.3111
E-Mail: sales@fpipumps.com

Fulflo Specialties

459 East Fancy Street
Blanchester, Ohio 45107
Phone: 937-783-2411
Fax: 937-783-4983
Web: www.fulflo.com

Great Lakes Pump & Supply Co.

1075 Naughton
Troy, MI 48083
Phone: 248-528-9100
Fax: 248-528-9015
Web: www.greatlakespump.com

Ruthman... Another Word for Innovation



It began in 1912, serving the mechanical components of the steamboats on the Ohio River. The company founder, Alois Ruthman, was a man of vision and saw part of the future of the company was the development of a reliable industrial pump.

In 1924, with the conception of the first ball bearing sealless centrifugal pump, Ruthman Pump and Engineering furthered the design on a unit with a one piece motor driven shaft. The pump was named "Gusher", giving birth to the trade name Gusher Pumps, and the coining of the term "coolant pump".

Wanting to carry on the tradition of quality and reliability started by his father, Thomas R. Ruthman joined the company in 1949. In the early 1990's, Thomas R. Ruthman's son, Thomas G. Ruthman joined the company, continuing this same tradition. Maintaining the reputation of Gusher Pumps by innovation and customer service, Ruthman Companies has grown to service companies worldwide.

Great Southern Pump

4555 South St.
Titusville, FL 32780
Phone: (321) 607-3730
Email: sthurrott@greatsouthernpump.com
Web: www.greatsouthernpump.com

Nagle Pumps

1249 Center Avenue
Chicago Heights, IL 60411
Phone: 708-754-2940
Fax: 708-754-2944
Web: www.naglepumps.com

Process Systems, Inc.

Michigan, Main Headquarters
23633 Pinewood
Warren, MI 48091
Phone: 586-757-5711
Fax: 586-758-6996
Web: www.INFO@psi4pumps.com

Process Systems, Inc. Midwest Service Center

485 N State Route 341 South
Mellott, IN 47958
Phone: 765-295-2206
Fax: 765-295-2243
Web: www.process-systems-inc.com

Ruthman Pump Repair & Service

1212 Streng Street
Cincinnati Ohio 45223
MOBILE: 513-559-3546
EMAIL: ryelton@ruthmanservice.com
WEB: www.ruthmanservice.com

Vulcan Tool Corporation

730 Lorain Avenue
Dayton Ohio 45410
Phone: 937-252-1025
Fax: 937-252-1062
Web: www.vulcancut.com

Wagner Process Equipment

3727 Metro Drive, Suite B
Stockton, CA 95215
Phone: 209-931-0100...510-786-3929
Fax: 209-931-7910...510-786-3722
Web: www.wagnerprocess.com

Ruthman Companies Worldwide:

Ruthmann Pumpen LLC

Thomas Edison - Str. 11
D-52499 Baesweiler
TEL: +49-(0) 2401 80489-17
FAX: +49 (0) 2401 80489-20
MOBIL: +49 (0) 1523 723 0622
EMAIL: vertrieb@ruthmannpumpen.de
WEB: <http://www.ruthmannpumpen.de>

Gusher Pumps, Shanghai

ROOM 4012,
Polar Star Business Plaza
No. 913 Changlin Road,
Shanghai, China 200443
Phone: 86-021-26616611
FAX: 86-021-26328038
上海市长临路913号 北斗星广场 4012
室 邮编:200443
电话: 86-021-26616611
传真: 86-021-26328038
Email: flomo@gusher.com
China Mobile: 13402145203
USA Mobile: 513-607-4449



Corporate Headquarters

1212 Streng Street, Cincinnati, OH 45223
Phone: 513-559-1901 **Fax:** 513-559-0035