

NV SERIES



VERTICAL MULTI-STAGE PUMPS

LEAD FREE
NSF/ANSI/CAN 61



60Hz

PRODUCT CATALOGUE

www.northam-inc.com

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VERTICAL MULTI-STAGE PUMPS

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VERTICAL MULTI-STAGE PUMPS

1/3 HP to 100 HP

GENERAL DATA

5 GPM to 750 GPM

FEATURES AND BENEFITS

- ▶ The NV range of pumps are inline, non self priming, vertical multistage pumps coupled with NEMA Standard TEFC 60Hz single phase & three phase motors.
- ▶ The vertical inline design enables the pump to be installed where suction and discharge connection are in the same horizontal and vertical plane. The suction and discharge connection have the same pipe sizes.
- ▶ The compact design with a very small foot print saves considerable floor space and inline connections makes the installation easy.
- ▶ The pump construction consists of a base and pump head. The multistage casing and impeller assembly is secured between the base and pump head by tiebolts.
- ▶ The diffuser casings and impellers which constitute the multistage pump assembly are fabricated from AISI304 or AISI316 as per requirement.
- ▶ The pumps are available in various material versions suitable for pumped liquids.
 - All wetted components of stainless steel 304.
 - All wetted components of stainless steel 316.
 - Base & Pump head of Cast Iron & rest of all wetted components of stainless steel 304.
- ▶ The NV range of pumps are also available with Variable Frequency drives mounted on the motor for significant energy saving.

APPLICATIONS

A - Commercial Building Services

- ▶ Pressure booster pumping system for high rise buildings.
- ▶ Jockey pump for fire sprinkler systems.
- ▶ HVAC Systems.

B - Water Supply

- ▶ Filtration and Transfer pumps for water treatment plants.
- ▶ Garden and Golf course Sprinkler and Drip Irrigation.

C - Industry

- ▶ High Pressure pump for Reverse Osmosis & Ultra filtration in water purification plants.
- ▶ Boiler feed pump.
- ▶ Vehicle & Industrial parts washing Systems.
- ▶ Coolant pump for Machine Tools.
- ▶ Pressure Boosting Systems.

VERTICAL MULTI-STAGE PUMPS

1/3 HP to 100 HP

GENERAL DATA

5 GPM to 750 GPM

OPERATING RANGE & CONDITIONS

	5 GPM	10 GPM	12 GPM	16 GPM	27 GPM
Nominal flow rate (GPM)	4.5	8.5	12	16	26.5
Temperature range [°F]	-4 to +248	-4 to +248	-4 to +248	-4 to +248	-4 to +248
Max. working pressure [psi]	362	362	362	362	362
Max. pump efficiency [%]	35	49	47	59	59

	30 GPM	55 GPM	95 GPM	110 GPM	140 GPM
Nominal flow rate (GPM)	30	55	95	110	140
Temperature range [°F]	-4 to +248	-4 to +248	-4 to +248	-4 to +248	-22 to +248
Max. working pressure [psi]	362	362	362	362	435
Max. pump efficiency [%]	67	70	72	72	76

	220 GPM	340 GPM	450 GPM	600 GPM	750 GPM
Nominal flow rate (GPM)	220	340	440	610	750
Temperature range [°F]	-22 to +248	-22 to +248	-22 to +248	-22 to +248	-22 to +248
Max. working pressure [psi]	435	360	360	360	360
Max. pump efficiency [%]	78	79	80	75	73

SHAFT SEAL

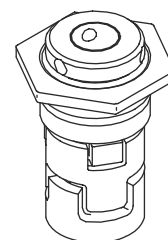
As standard, the NV range is fitted with a Cartridge shaft seal suitable for most applications.

The following key parameters must be taken into account, when selecting the shaft seal:

- Type of pumped liquid
- Liquid temperature and
- Maximum pressure.

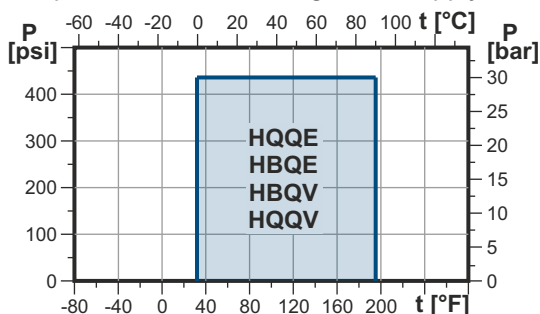
Northam offers a wide range of shaft seal variants to meet specific demands.

Cartridge Seal



OPERATING RANGE OF THE SHAFT SEAL

The operating range of the shaft seal depends on operating pressure, pump type, type of shaft seal and liquid temperature. The following curves apply to clean water and water with anti-freeze liquids.



* NSF Listing not available with the seal option.

Shaft seal	Description	Max. Temperature range [°F]
HQQE	Cartridge type shaft seal, Sic/Sic/SS 316/EPDM	-40°F to +248°F
HBQE	Cartridge type shaft seal, Carbon/Sic/SS 316/EPDM	+32°F to +248°F
HBQV	Cartridge type shaft seal, Carbon/Sic/SS 316/FKM	+32°F to +194°F
HQQB	Cartridge type shaft seal, Sic/SS 316/FKM	-4°F to +194°F

VERTICAL MULTI-STAGE PUMPS

1/3 HP to 100 HP

CERTIFICATION

5 GPM to 750 GPM

IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761-2816 • (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org



CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body in which its product certification system includes inspection and testing of samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and/or warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Issued to:

NORTHAM INC

2915 OGELTOWN ROAD, #4109
NEWARK, DE 19713

Product:

Drinking Water System Components - Health Effects

Products are certified to the following standard(s):

NSF/ANSI/CAN 61-2022

File Number: WP-13811

Effective Date: March 2023


Chairman, Product Certification Committee



Void After Date: February 2028*


Chief Technical Service Officer

* This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.



Pumps certified by IAPMO R&T under NSF/ANSICAN 61 for material safety requirement only, not certified for contaminant reductions or structural integrity. Also, pumps is certified by IAMPO R&T against NSF/ANSI 372 lead free requirement

VERTICAL MULTI-STAGE PUMPS

1/3 HP to 100 HP

CERTIFICATION

5 GPM to 750 GPM

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LEAD FREE

CERTIFICATE OF LISTING

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Issued to:

NORTHAM INC

2915 OGELTOWN ROAD, #4109
NEWARK, DE 19713

Product:

Lead Free Water Filtration Product

Products are certified to the following standard(s):

Section 1417(d) of the Safe Drinking Water Act The lead content requirements of Section 116875 of the California Health & Safety Code NSF/ANSI/CAN 372- 2022

File Number: WP-14328

Effective Date: March 2023

Void After Date: February 2028*


Chairman, Product Certification Committee




Chief Technical Service Officer

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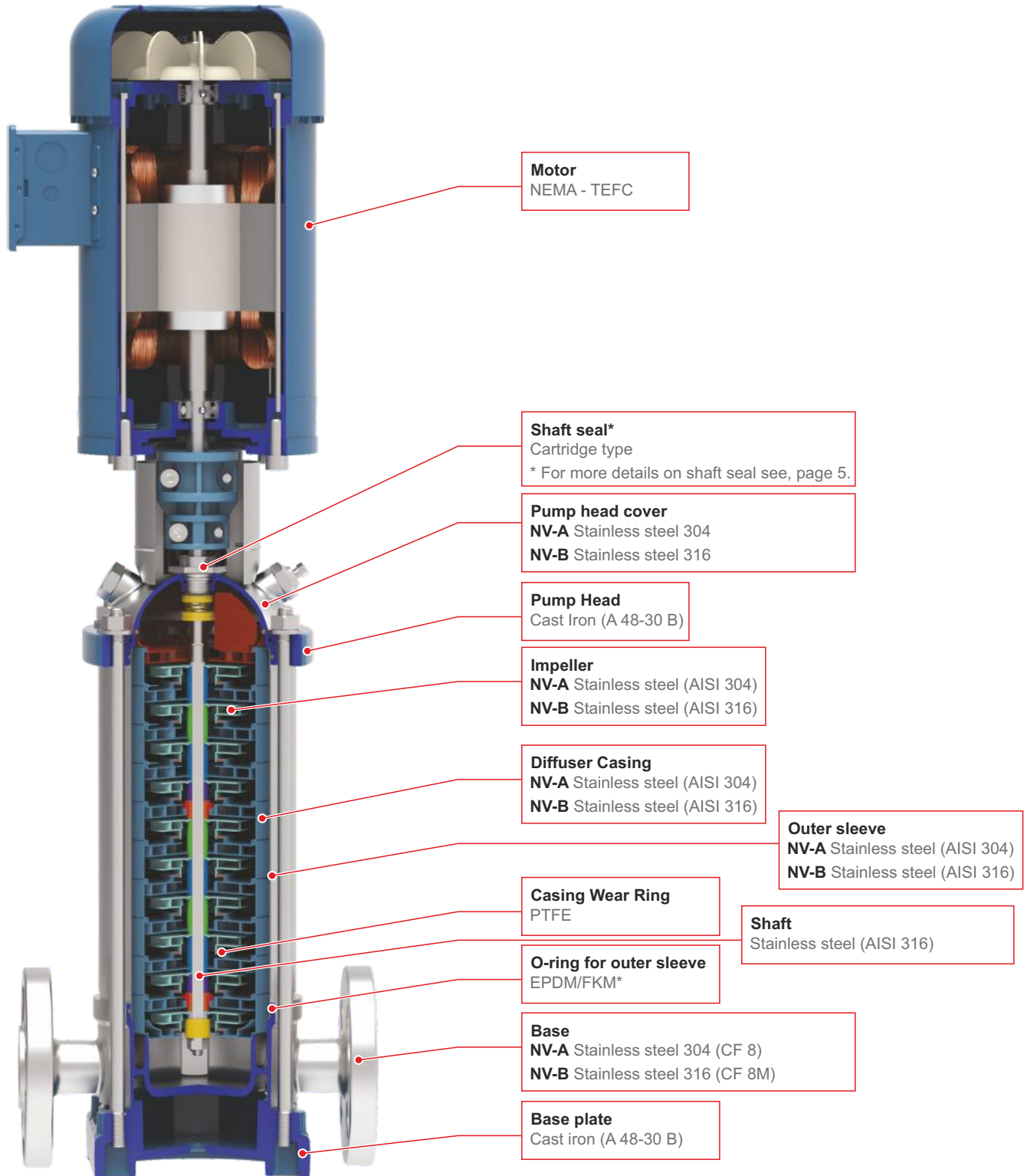
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VERTICAL MULTI-STAGE PUMPS

NV-A, NV-B

MATERIAL OF CONSTRUCTION

5GPM TO 110 GPM



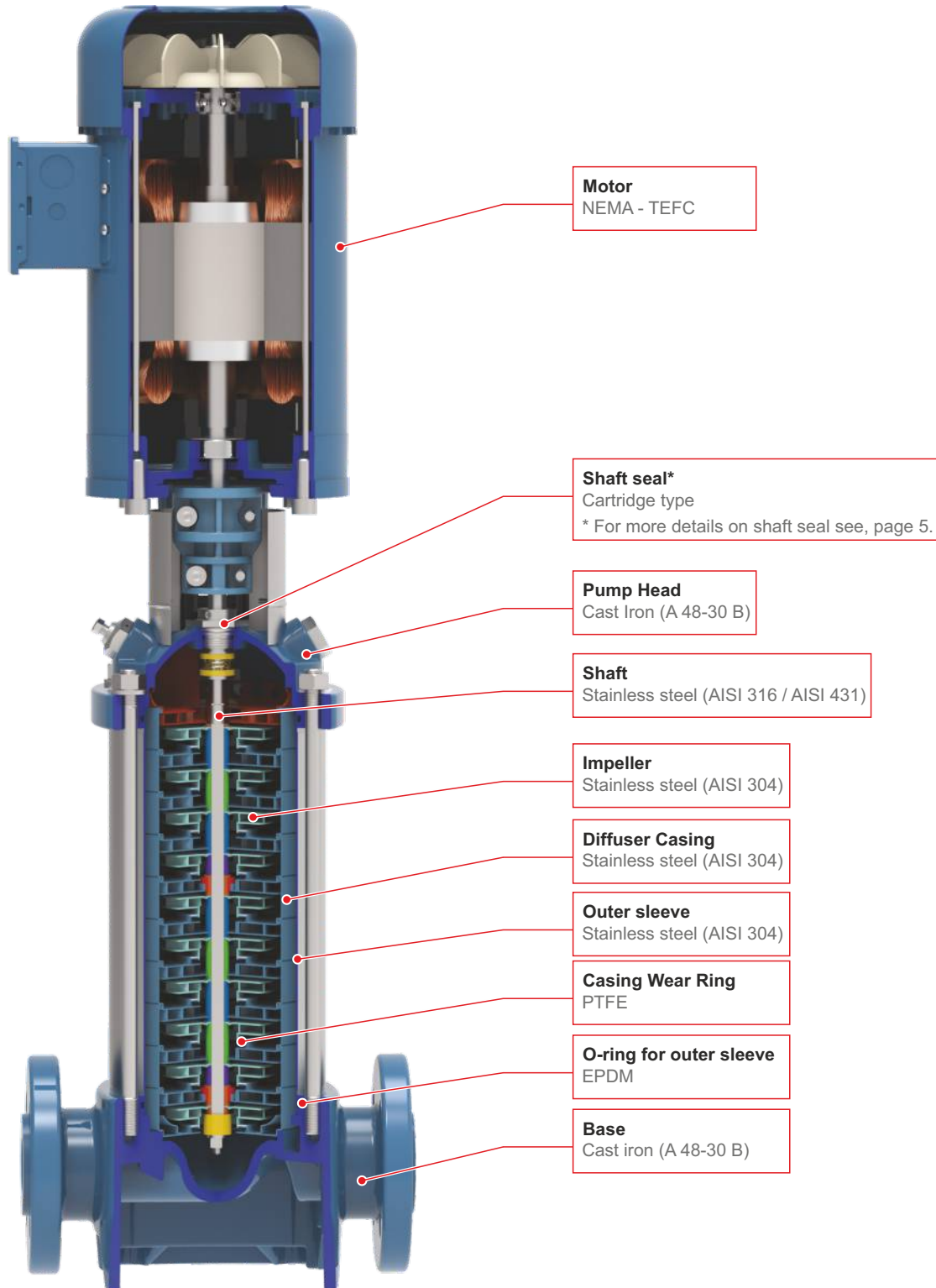
* NSF Listing not available with the O-ring option.

VERTICAL MULTI-STAGE PUMPS

NV-C

MATERIAL OF CONSTRUCTION

5GPM TO 110 GPM

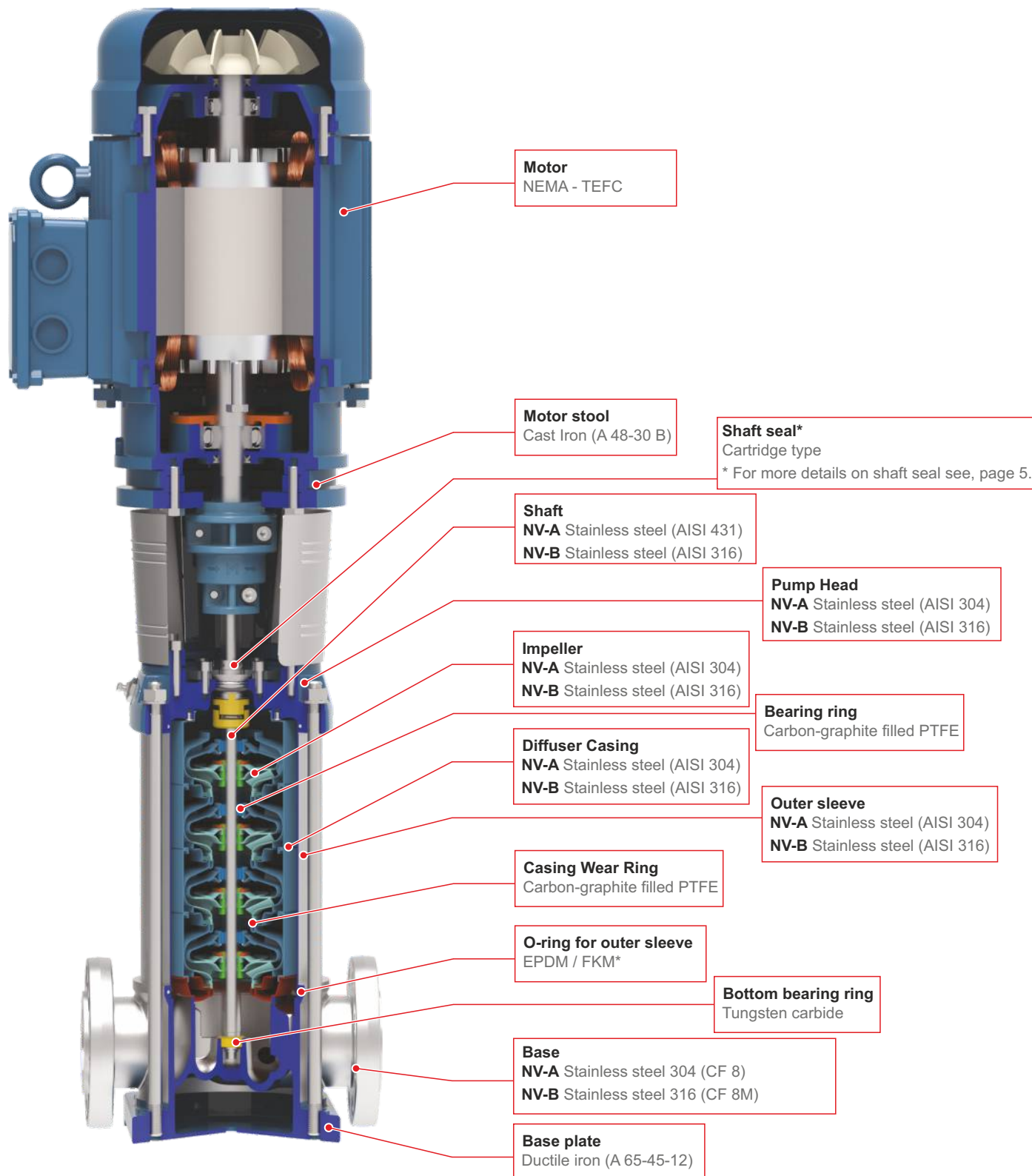


VERTICAL MULTI-STAGE PUMPS

NV-A, NV-B

MATERIAL OF CONSTRUCTION

140 GPM TO 450 GPM



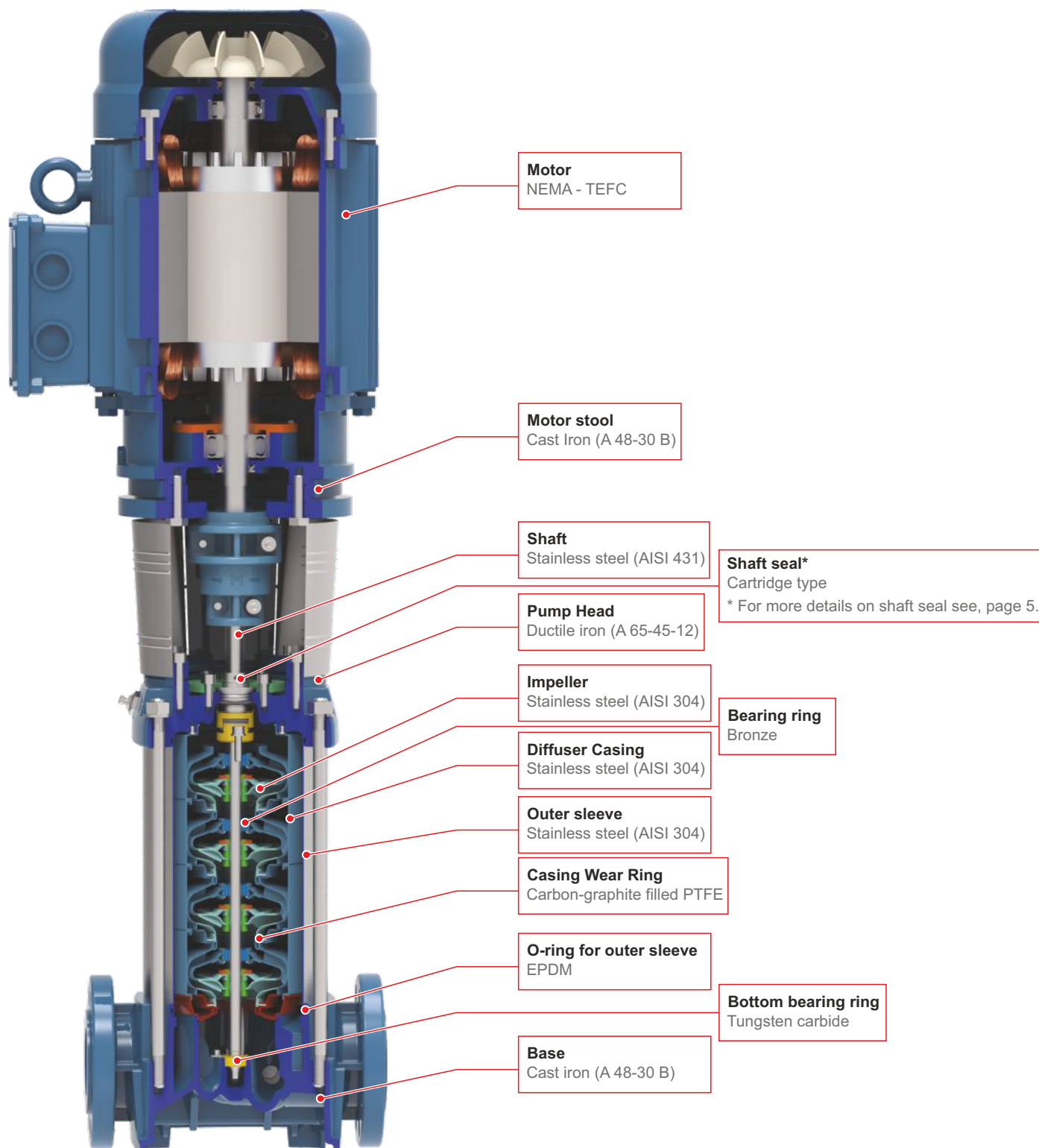
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VERTICAL MULTI-STAGE PUMPS

NV-C

MATERIAL OF CONSTRUCTION

140 GPM TO 450 GPM

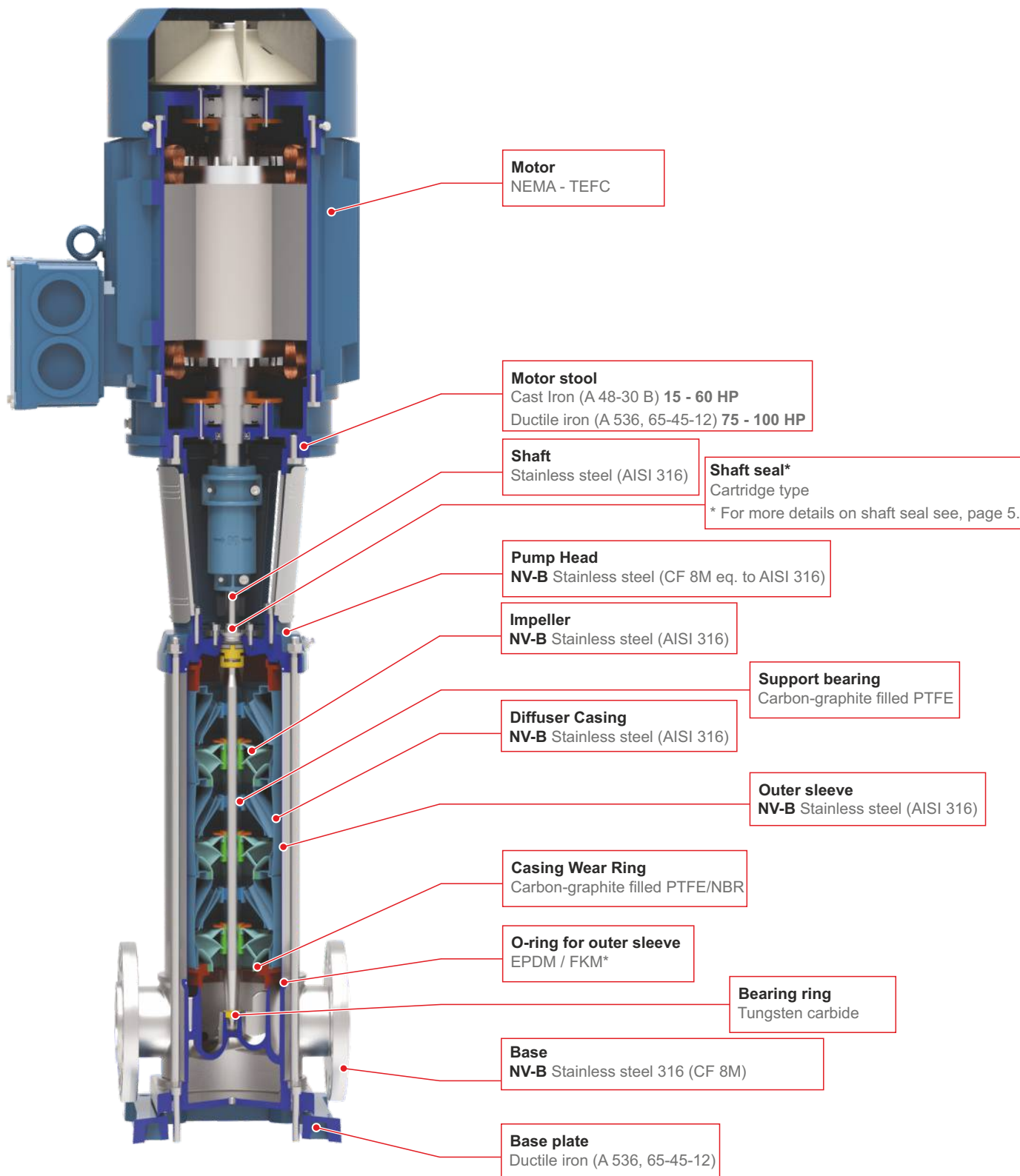


VERTICAL MULTI-STAGE PUMPS

NV-B

MATERIAL OF CONSTRUCTION

600 GPM TO 750 GPM



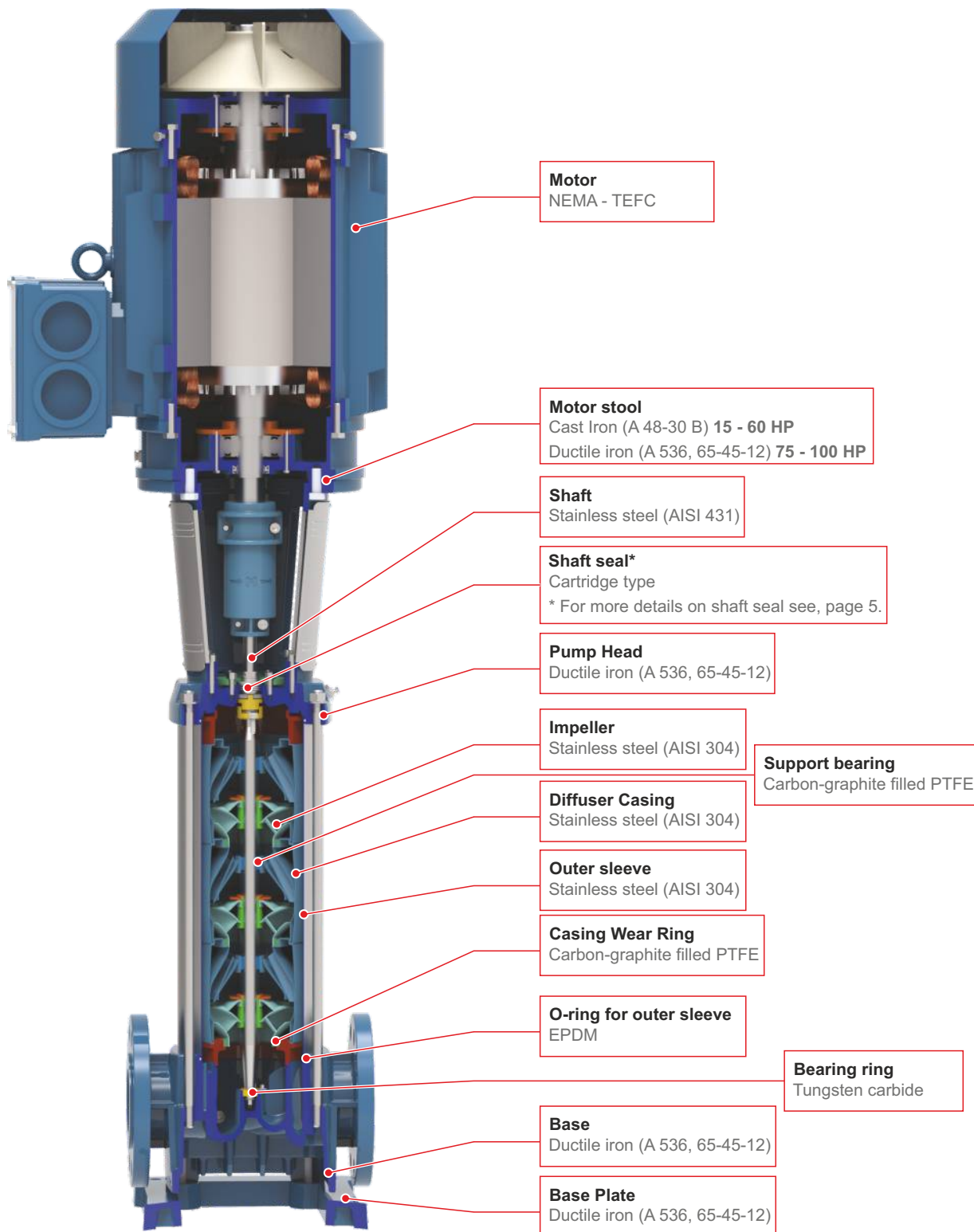
* NSF Listing not available with the O-ring option.

VERTICAL MULTI-STAGE PUMPS

NV-C

MATERIAL OF CONSTRUCTION

600 GPM TO 750 GPM

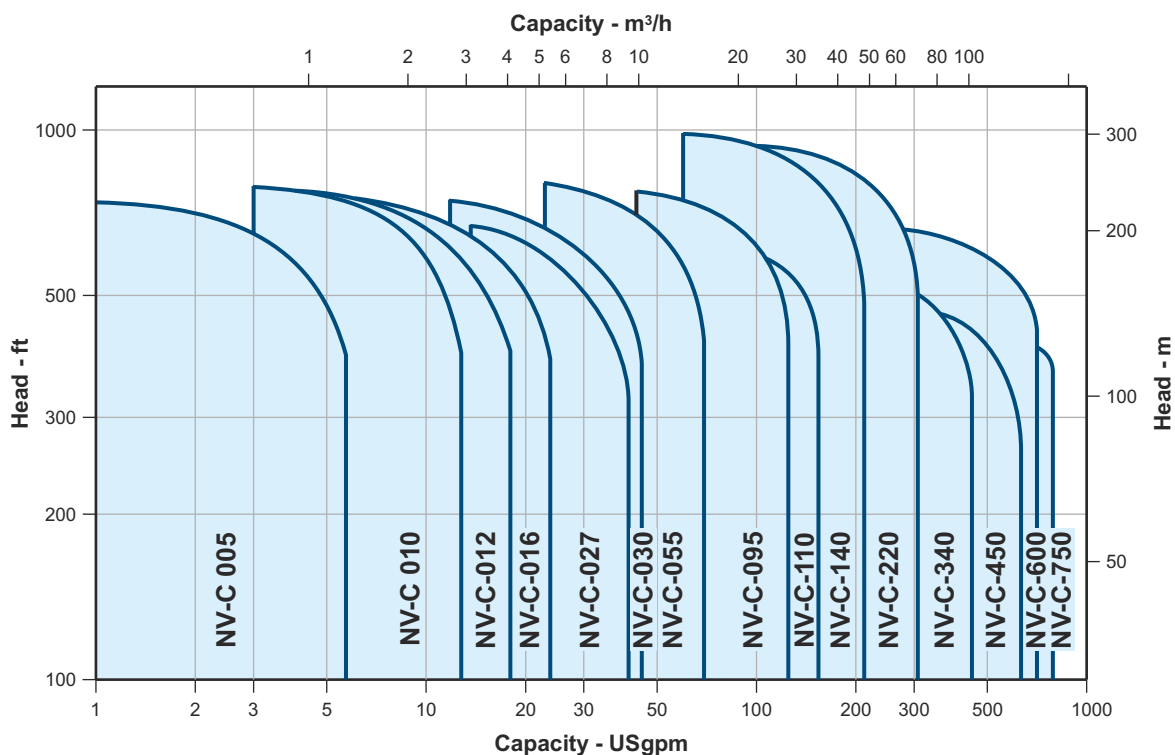


VERTICAL MULTI-STAGE PUMPS

1/3 HP to 100 HP

PERFORMANCE RANGE

5 GPM to 750 GPM



Rated Flow	Model Name 304 SS	Model Name 316 SS	Model Name 304SS & Cast Iron
5 GPM	NV-A-005	NV-B-005	NV-C-005
10 GPM	NV-A-010	NV-B-010	NV-C-010
12 GPM	NV-A-012	NV-B-012	NV-C-012
16 GPM	NV-A-016	NV-B-016	NV-C-016
27 GPM	NV-A-027	NV-B-027	NV-C-027
30 GPM	NV-A-030	NV-B-030	NV-C-030
55 GPM	NV-A-055	NV-B-055	NV-C-055
95 GPM	NV-A-095	NV-B-095	NV-C-095
110 GPM	NV-A-110	NV-B-110	NV-C-110
140 GPM	NV-A-140	NV-B-140	NV-C-140
220 GPM	NV-A-220	NV-B-220	NV-C-220
340 GPM	NV-A-340	NV-B-340	NV-C-340
450 GPM	NV-A-450	NV-B-450	NV-C-450
600 GPM	-	NV-B-600	NV-C-600
750 GPM	-	NV-B-750	NV-C-750

VERTICAL MULTI-STAGE PUMPS

1/3 HP to 100 HP

MODEL CODE

5 GPM to 750 GPM

NV

C

32

10

2

G

1

Mechanical seal

Code	Mechanical seal
1	Cartridge/Sic/Sic/SS 304/EPDM

Connection type

Code	Flange
G	ANSI flange

Impellers With Reduced Diameter

Code	Impeller trim
X	No trim
1	1 impeller trim
2	2 impeller trim

Number of stages

Rated flow (GPM)

Code	GPM
005	5 GPM
010	10 GPM
012	12 GPM
016	16 GPM
027	27 GPM
030	30 GPM
055	55 GPM
095	95 GPM
110	110 GPM
140	140 GPM
220	220 GPM
340	340 GPM
450	450 GPM
600	600 GPM
750	750 GPM

Material of construction

Code	Material
A	304 Stainless steel
B	316 Stainless steel
C	304SS & Cast iron

Series name

Code	Series
NV	Vertical multi-stage pump

Example:

NV-C-32-10-2-G-1 = Vertical multi-stage pump, Cast iron, 140 GPM, 10 stages, 2 impeller trim, ANSI flange, Mechanical seal Cartridge/Sic/Sic/SS 304/EPDM.

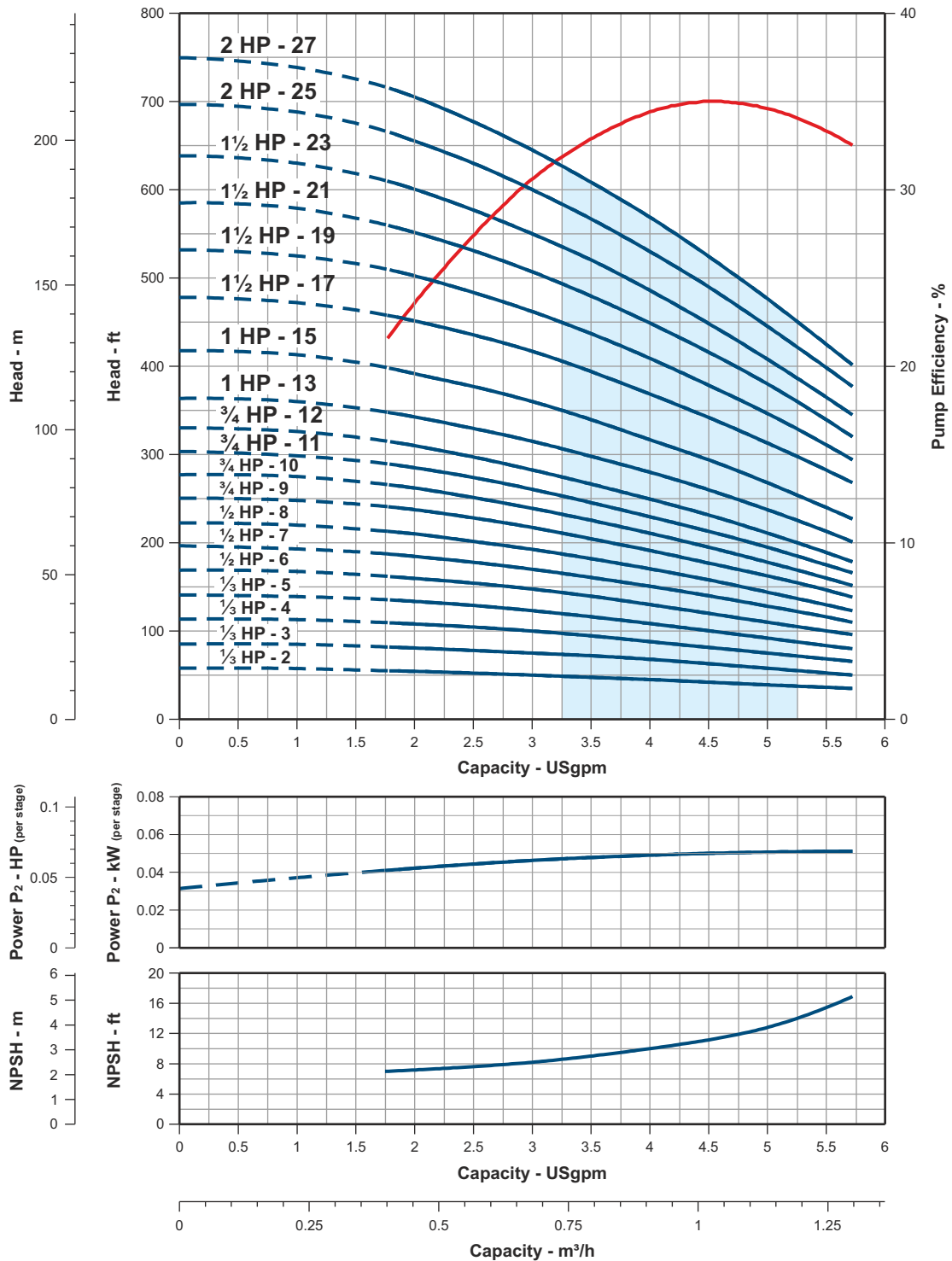
VERTICAL MULTI-STAGE PUMPS

NV-A-005 / NV-B-005 / NV-C-005

PERFORMANCE CURVE

5 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION

— RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

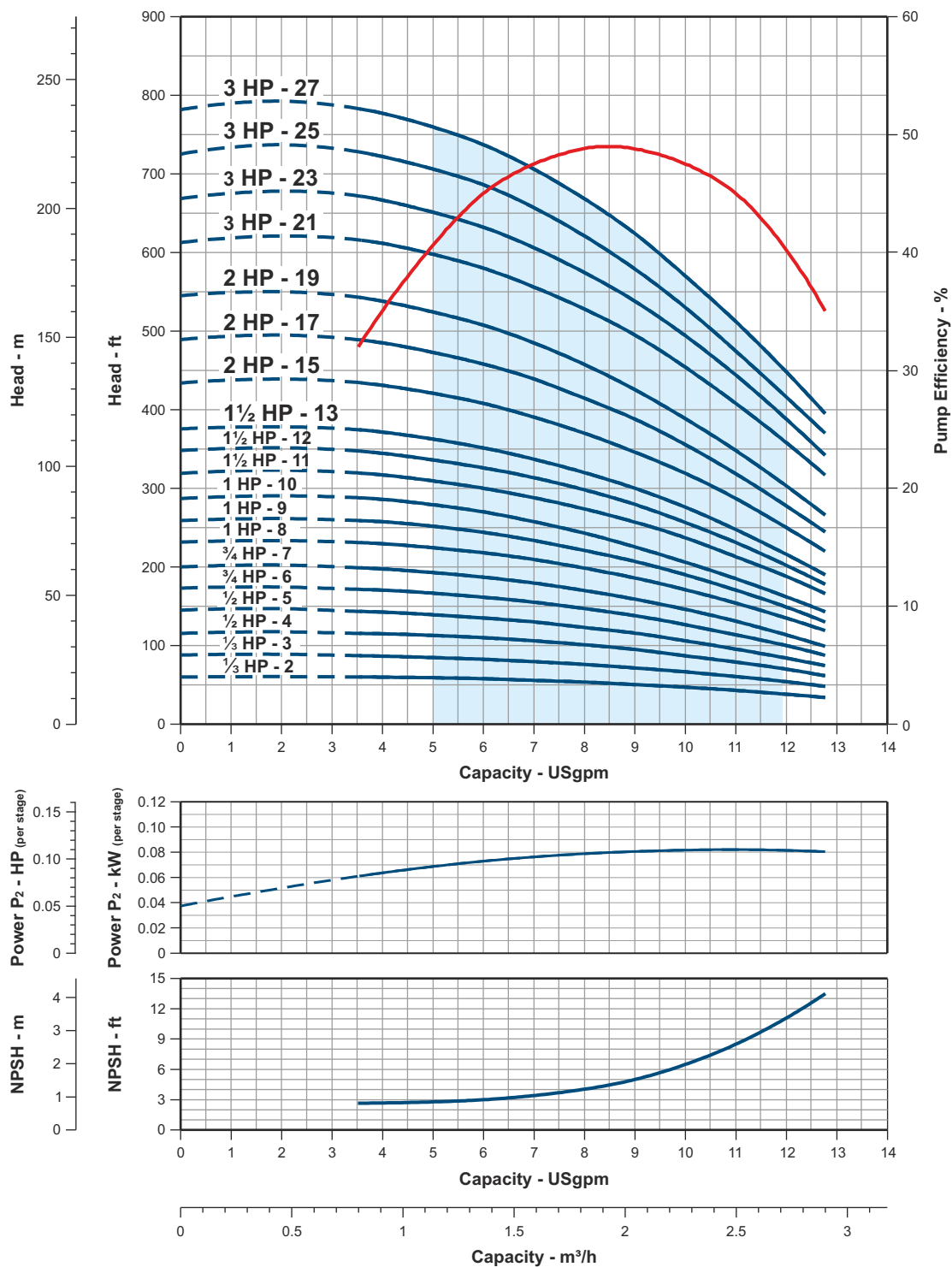
VERTICAL MULTI-STAGE PUMPS

NV-A-010 / NV-B-010 / NV-C-010

PERFORMANCE CURVE

10 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

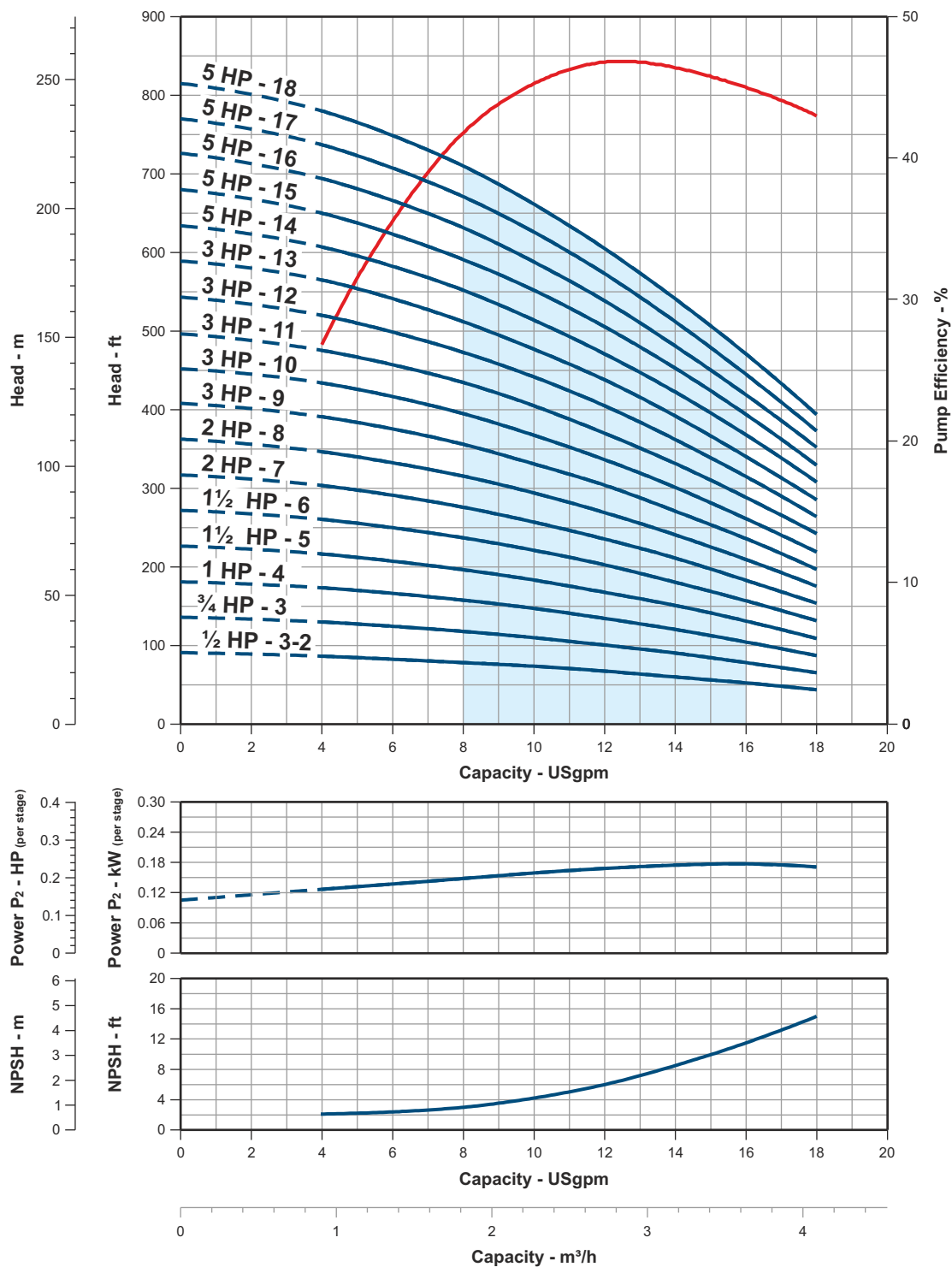
VERTICAL MULTI-STAGE PUMPS

NV-A-012 / NV-B-012 / NV-C-012

PERFORMANCE CURVE

12 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



BEST EFFICIENCY REGION

RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

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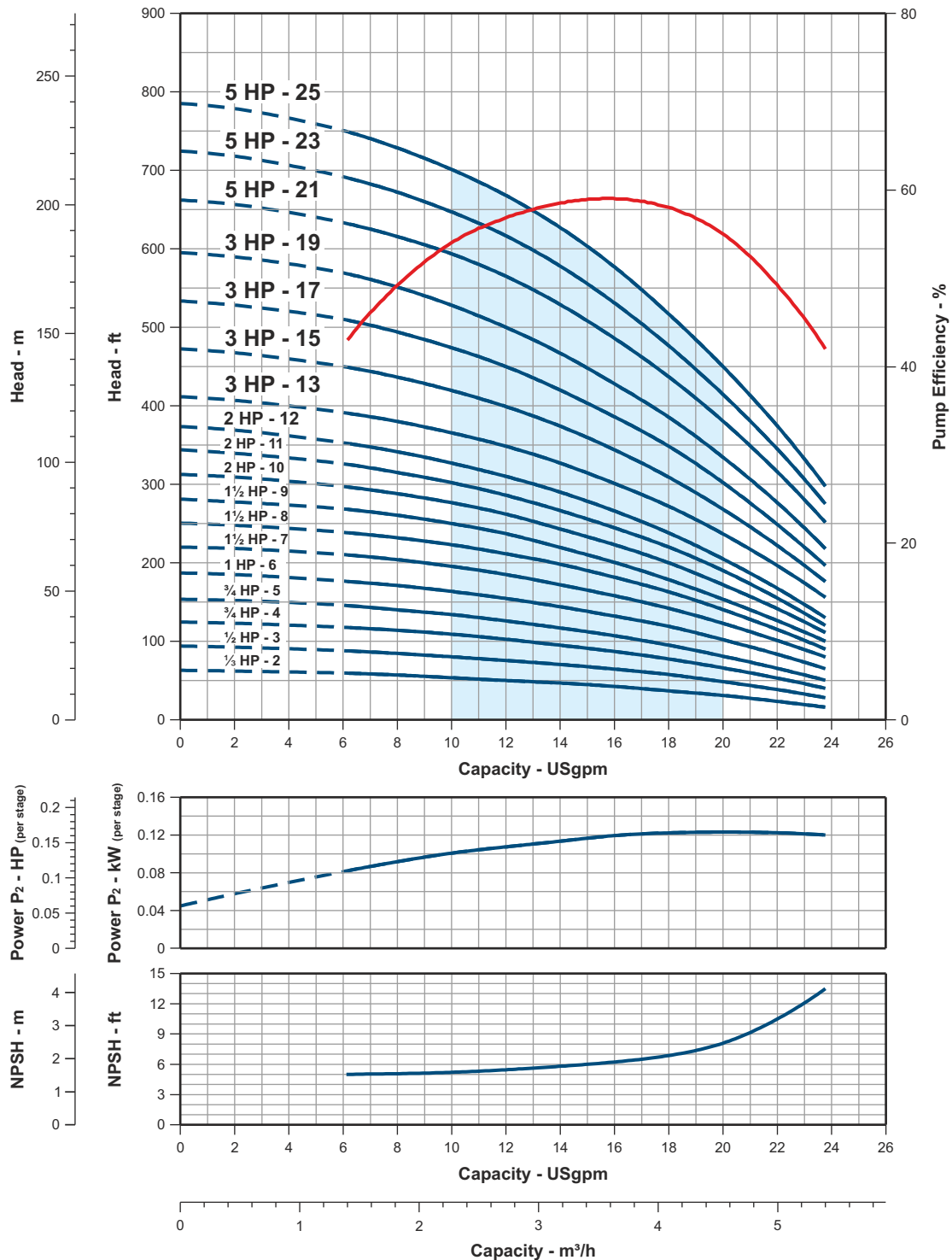
VERTICAL MULTI-STAGE PUMPS

NV-A-016 / NV-B-016 / NV-C-016

PERFORMANCE CURVE

16 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



BEST EFFICIENCY REGION

RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

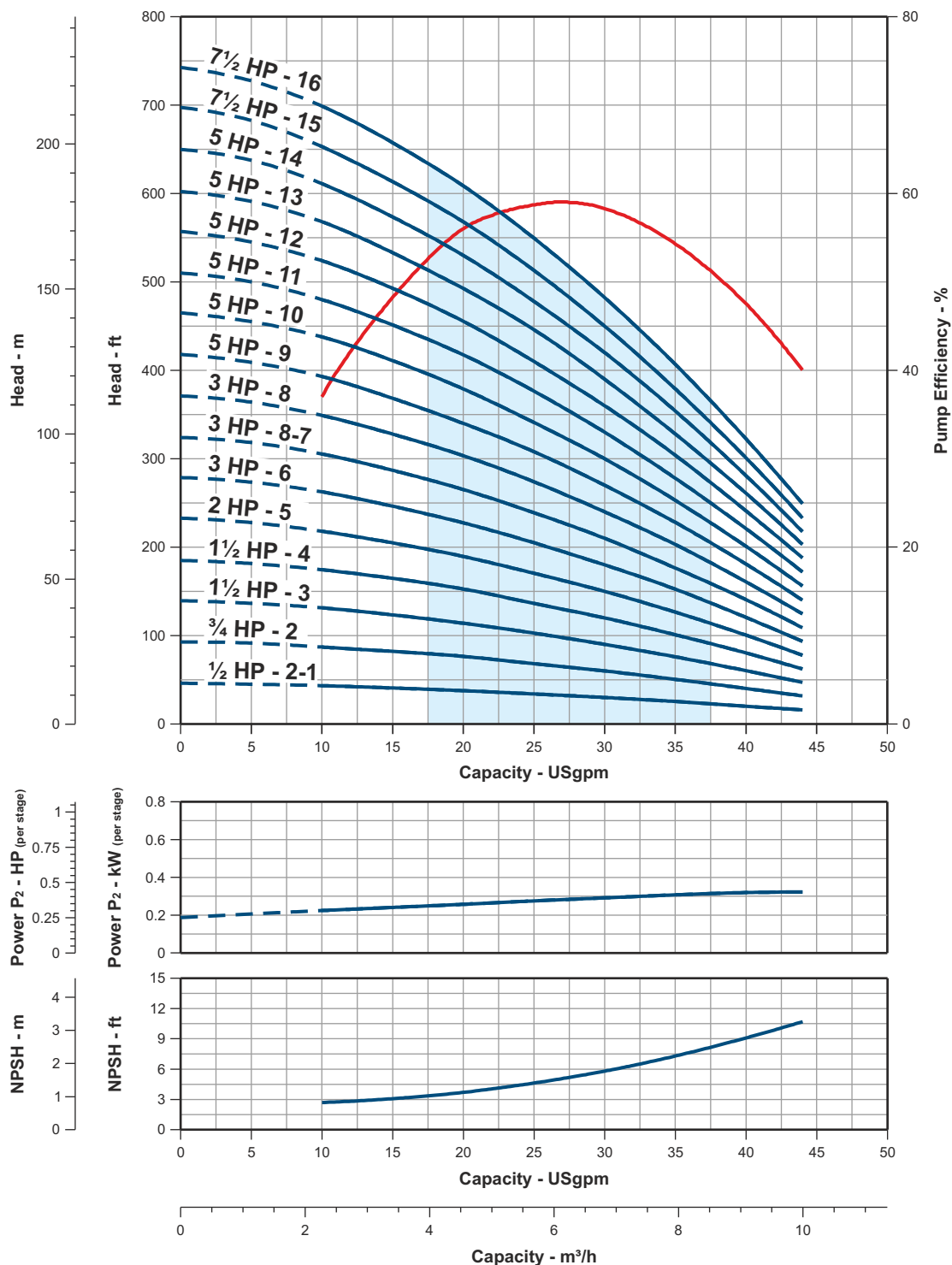
VERTICAL MULTI-STAGE PUMPS

NV-A-027 / NV-B-027 / NV-C-027

PERFORMANCE CURVE

27 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.
PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

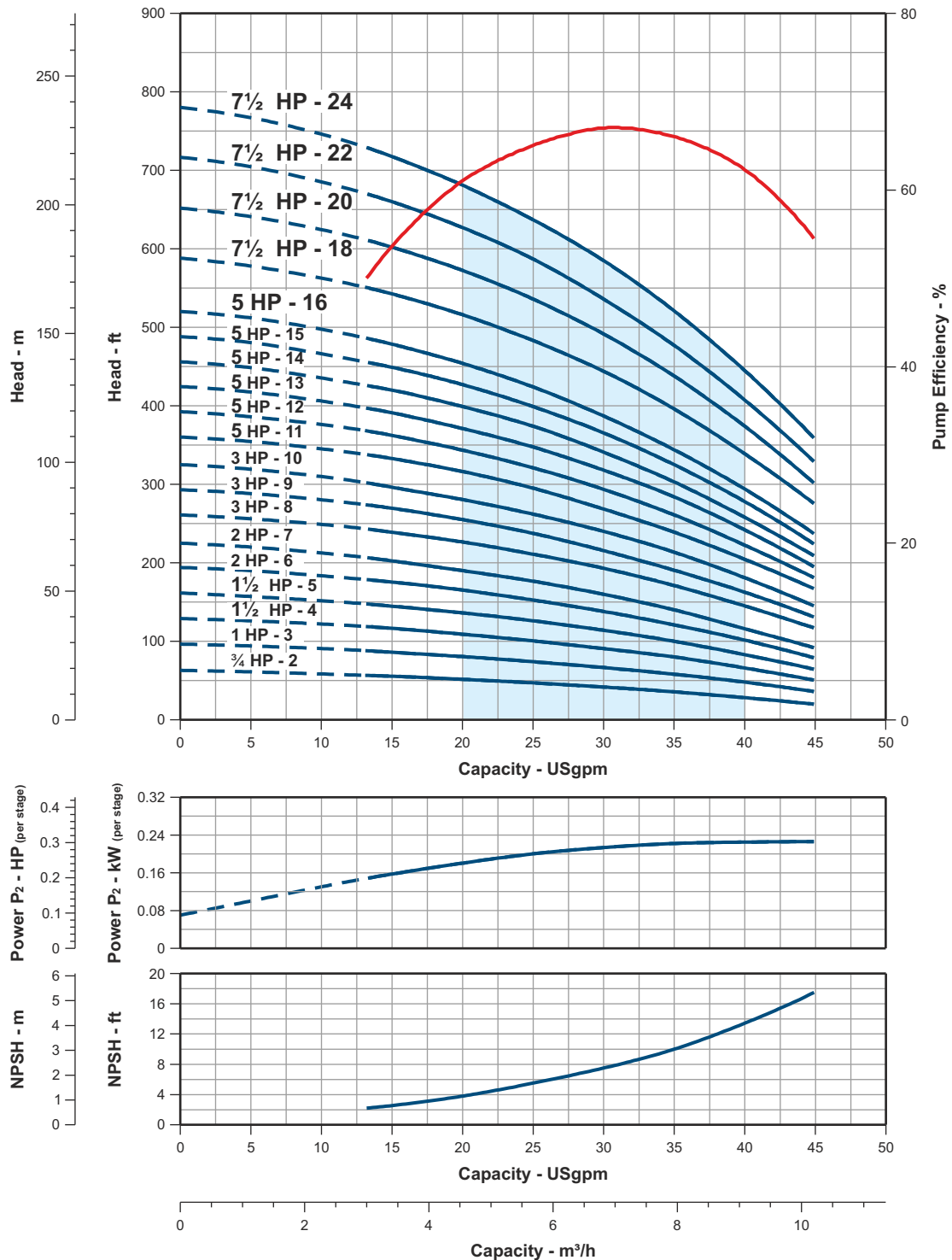
VERTICAL MULTI-STAGE PUMPS

NV-A-030 / NV-B-030 / NV-C-030

PERFORMANCE CURVE

30 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



BEST EFFICIENCY REGION

RECOMMENDED PUMP OPERATING RANGE

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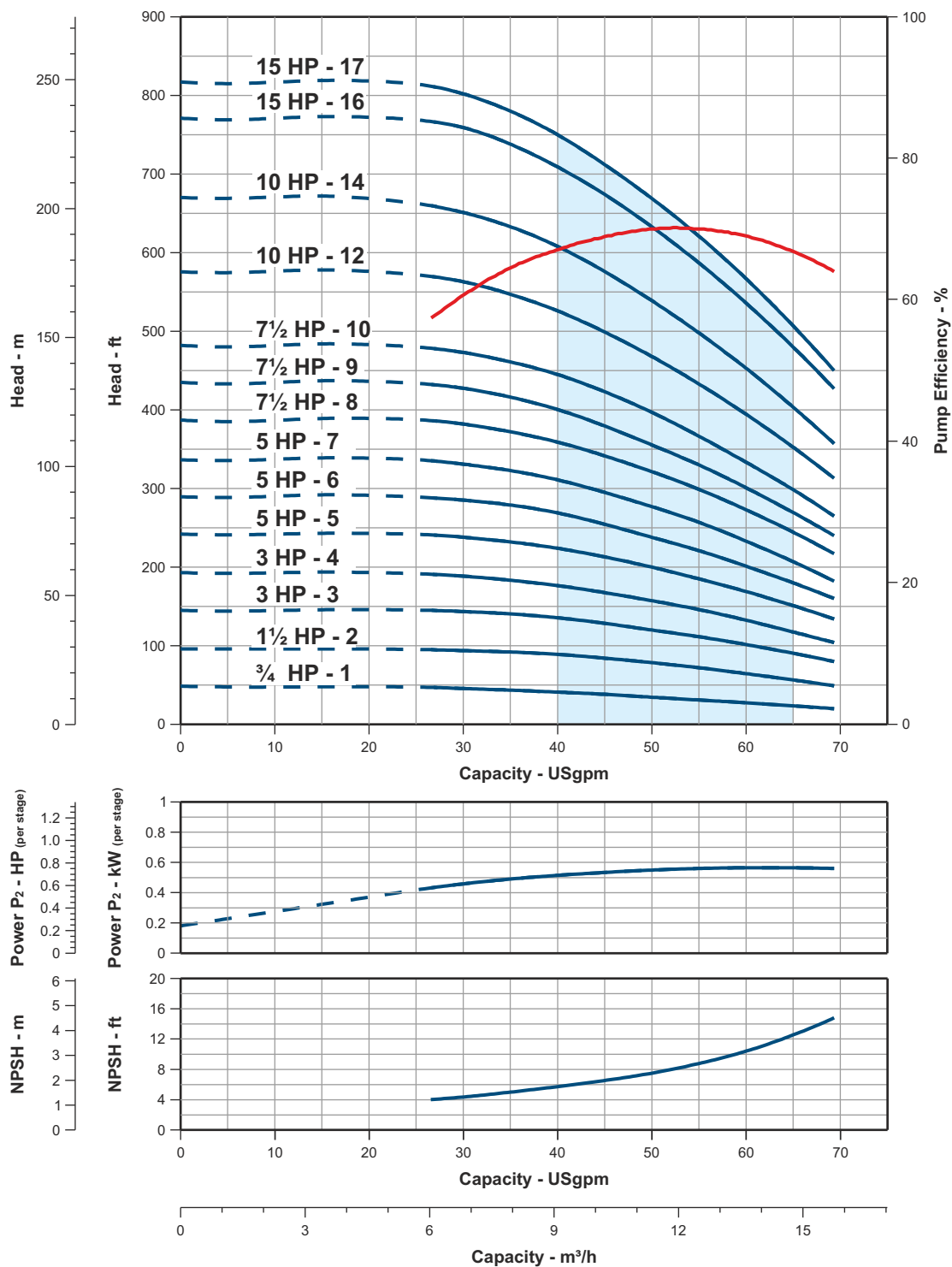
VERTICAL MULTI-STAGE PUMPS

NV-A-055 / NV-B-055 / NV-C-055

PERFORMANCE CURVE

55 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



BEST EFFICIENCY REGION

RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

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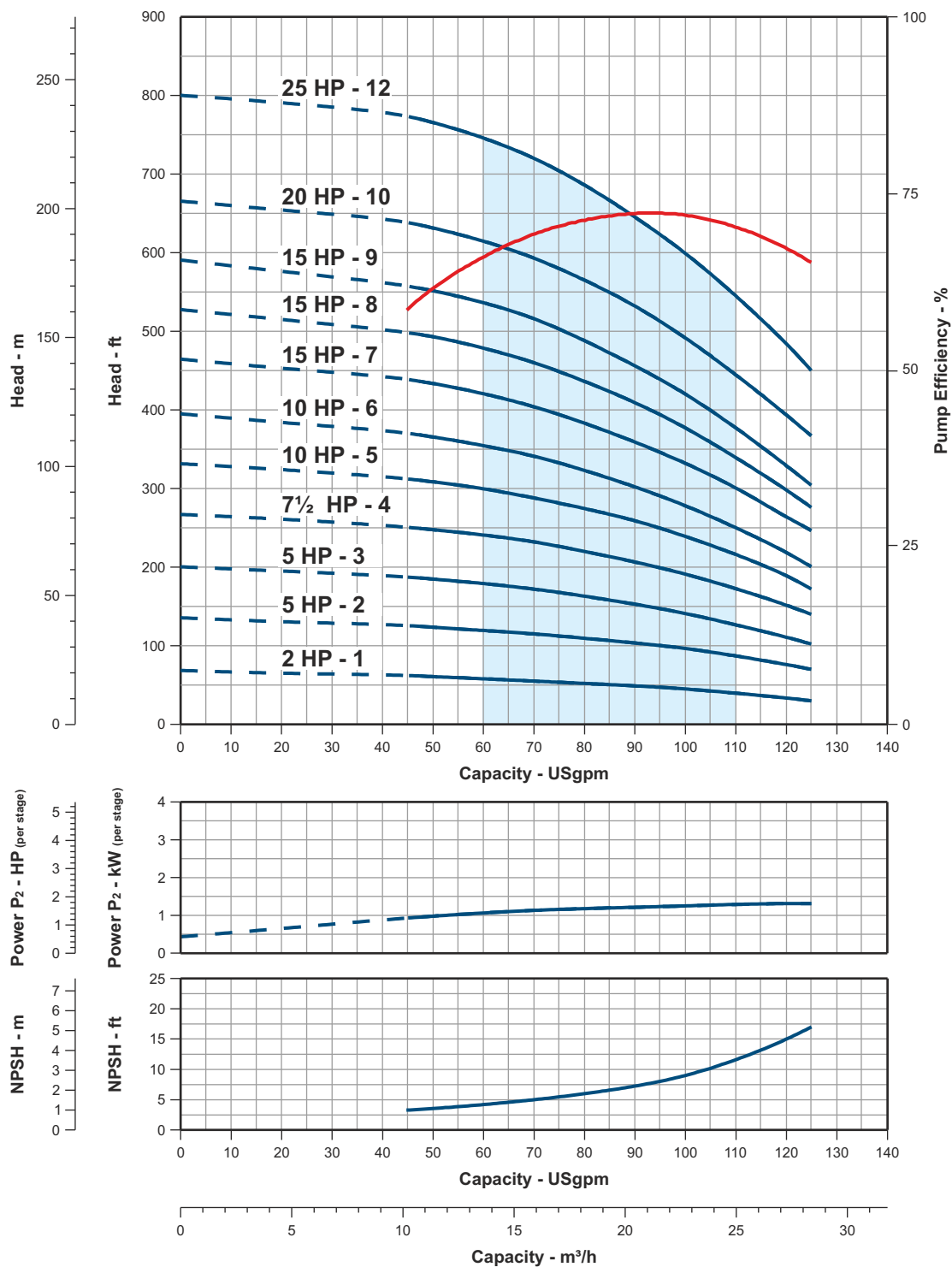
VERTICAL MULTI-STAGE PUMPS

NV-A-095 / NV-B-095 / NV-C-095

PERFORMANCE CURVE

95 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



BEST EFFICIENCY REGION

RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

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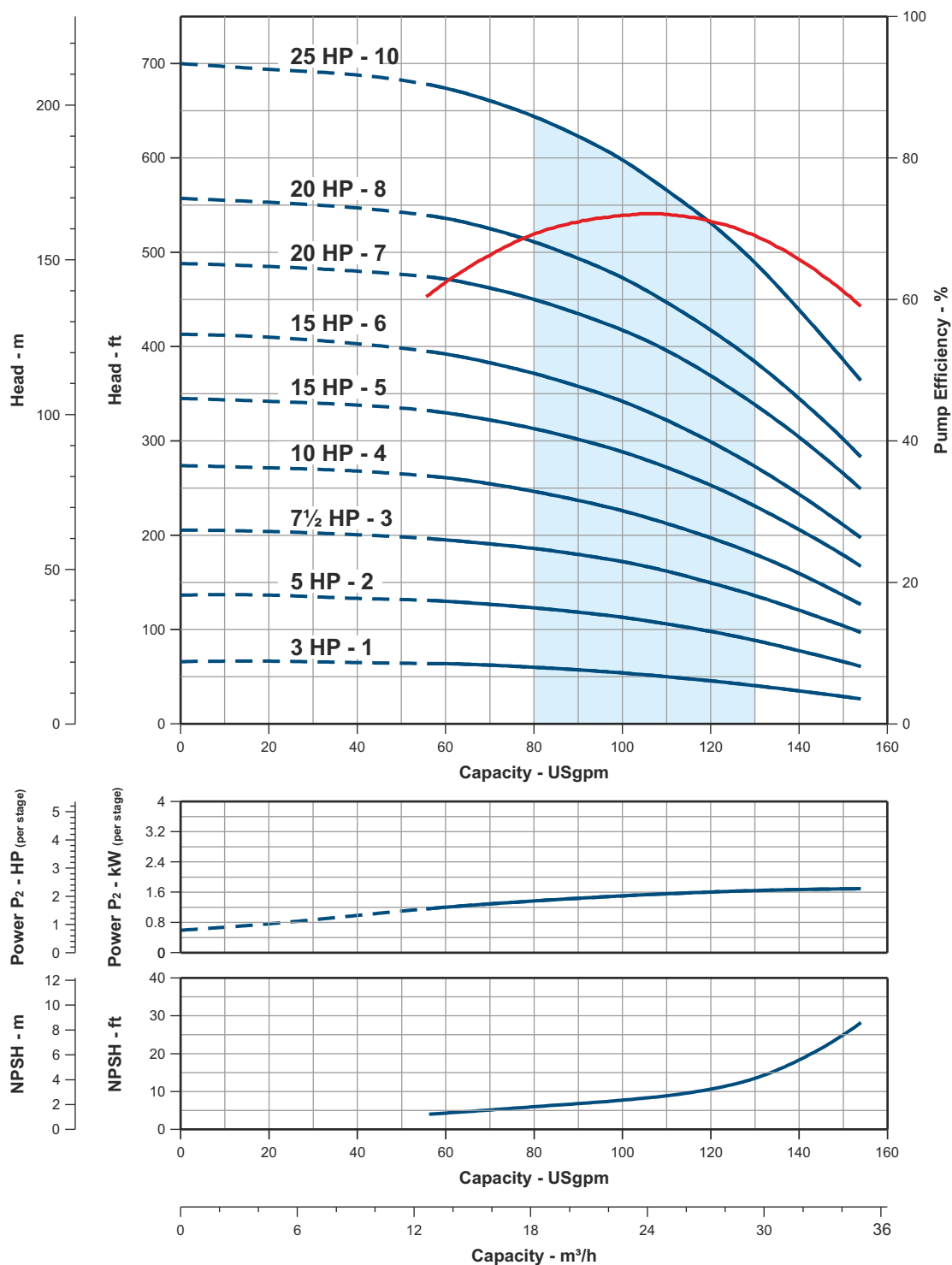
VERTICAL MULTI-STAGE PUMPS

NV-A-110 / NV-B-110 / NV-C-110

PERFORMANCE CURVE

110 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION

— RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

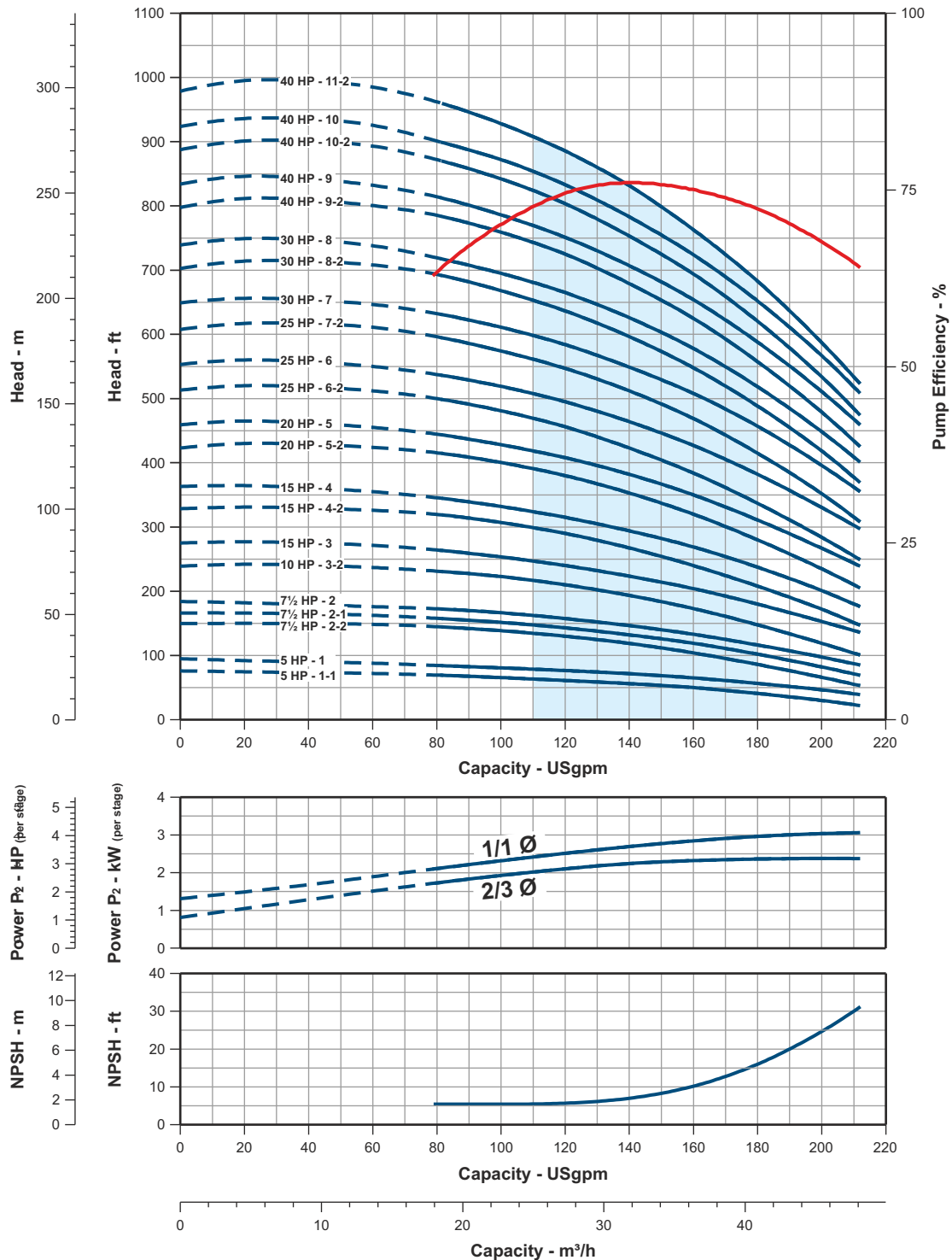
VERTICAL MULTI-STAGE PUMPS

NV-A-140 / NV-B-140 / NV-C-140

PERFORMANCE CURVE

140 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



■ BEST EFFICIENCY REGION

■ RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

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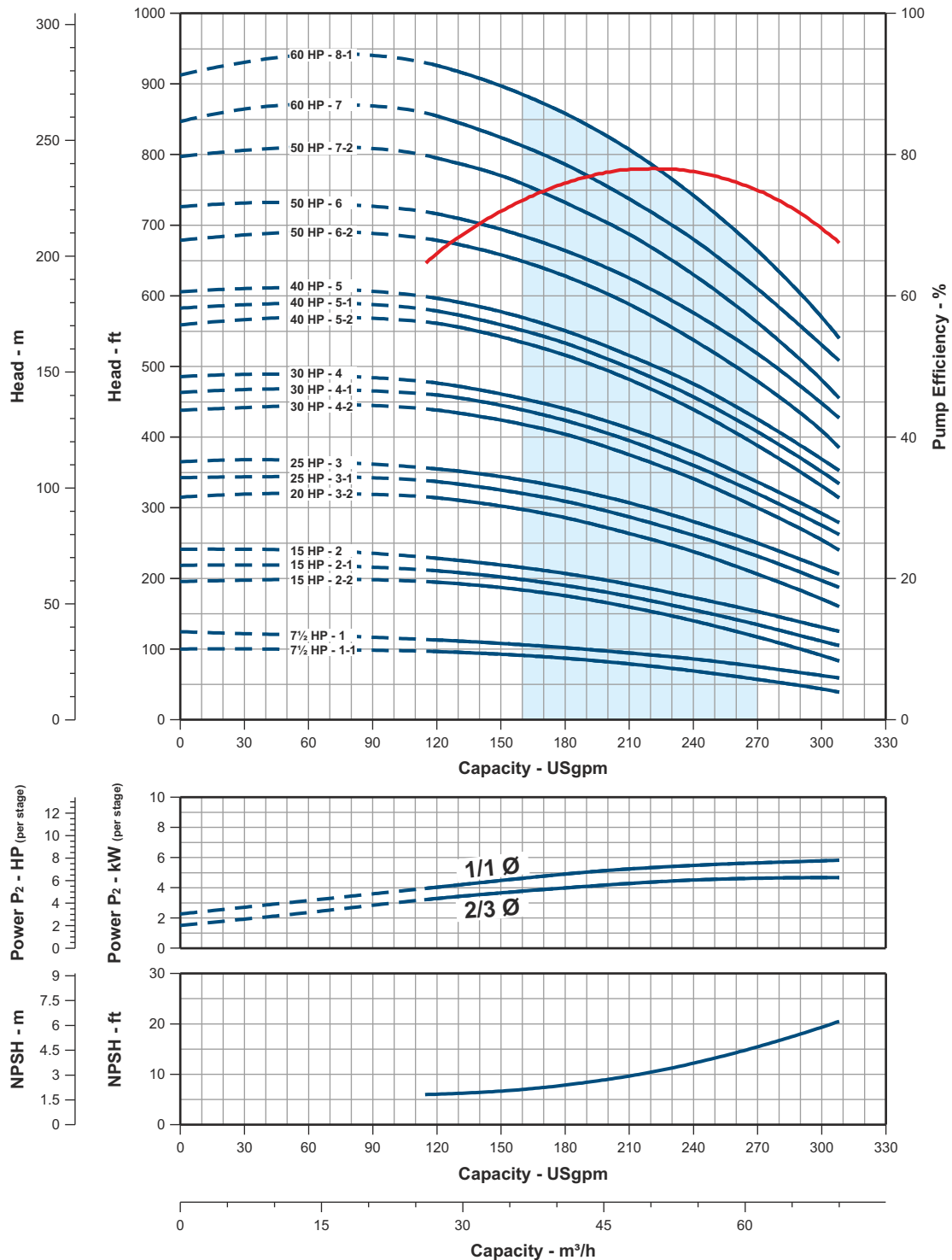
VERTICAL MULTI-STAGE PUMPS

NV-A-220 / NV-B-220 / NV-C-220

PERFORMANCE CURVE

220 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



BEST EFFICIENCY REGION

RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

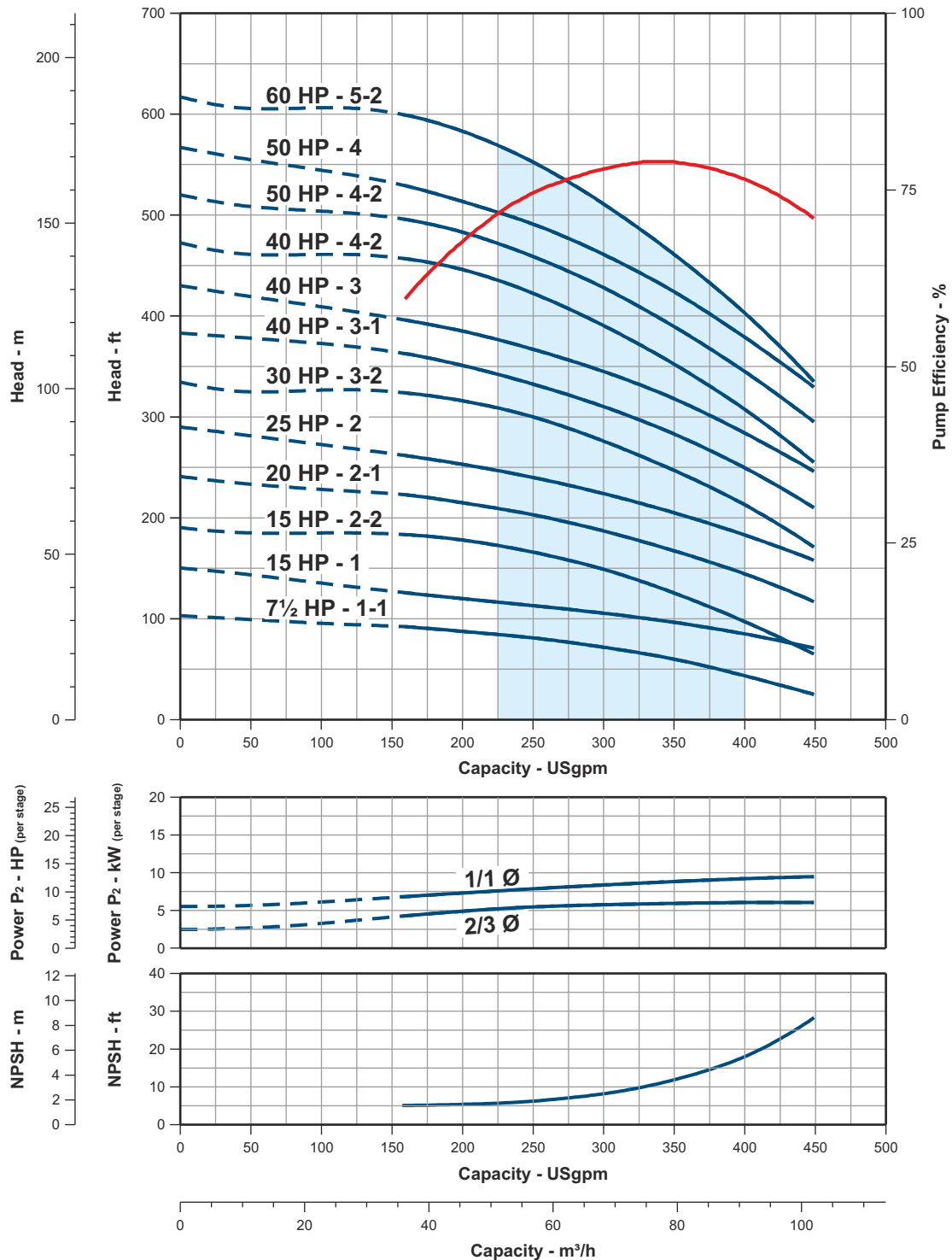
VERTICAL MULTI-STAGE PUMPS

NV-A-340 / NV-B-340 / NV-C-340

PERFORMANCE CURVE

340 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



BEST EFFICIENCY REGION

RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

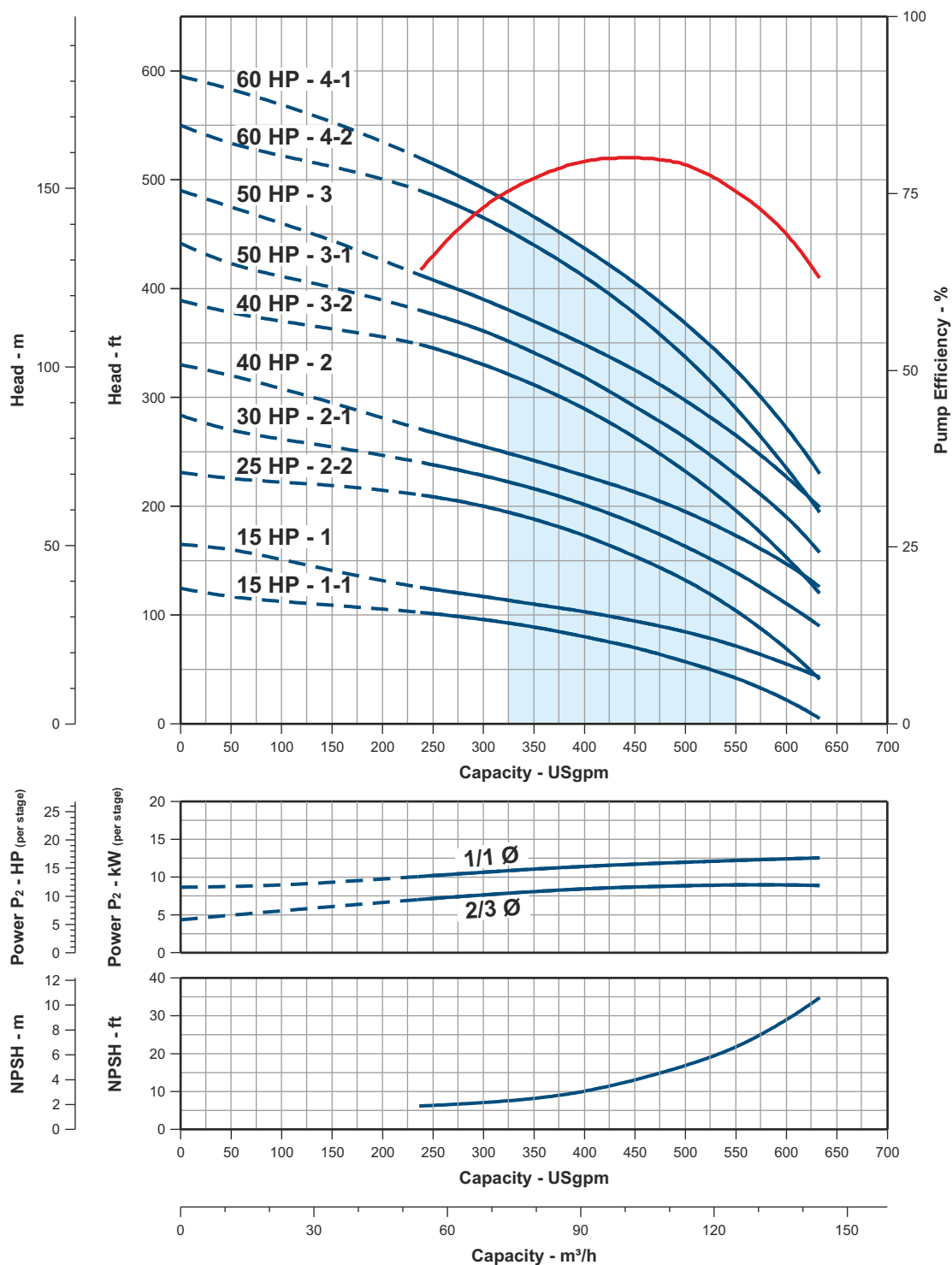
VERTICAL MULTI-STAGE PUMPS

NV-A-450 / NV-B-450 / NV-C-450

PERFORMANCE CURVE

450 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



BEST EFFICIENCY REGION

RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

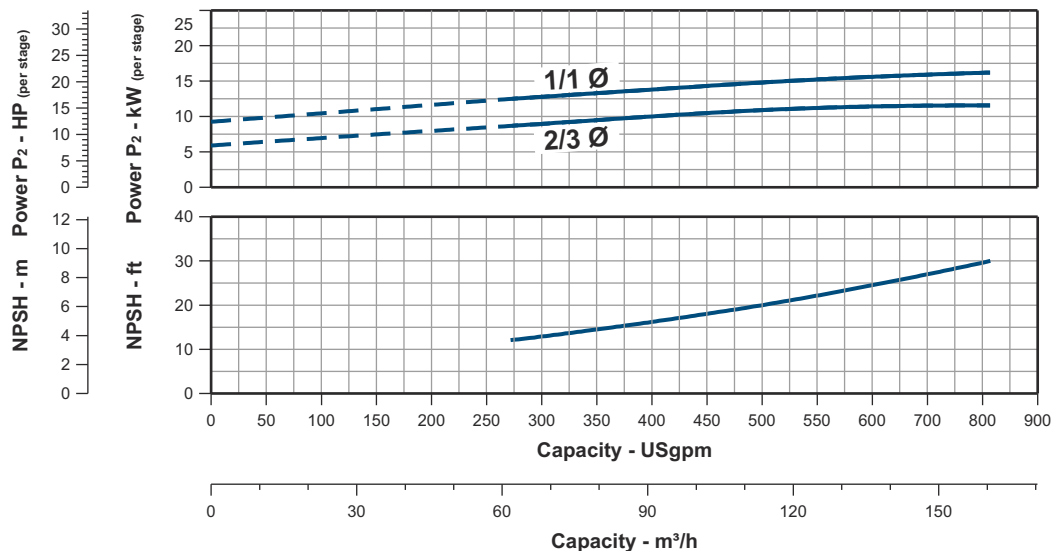
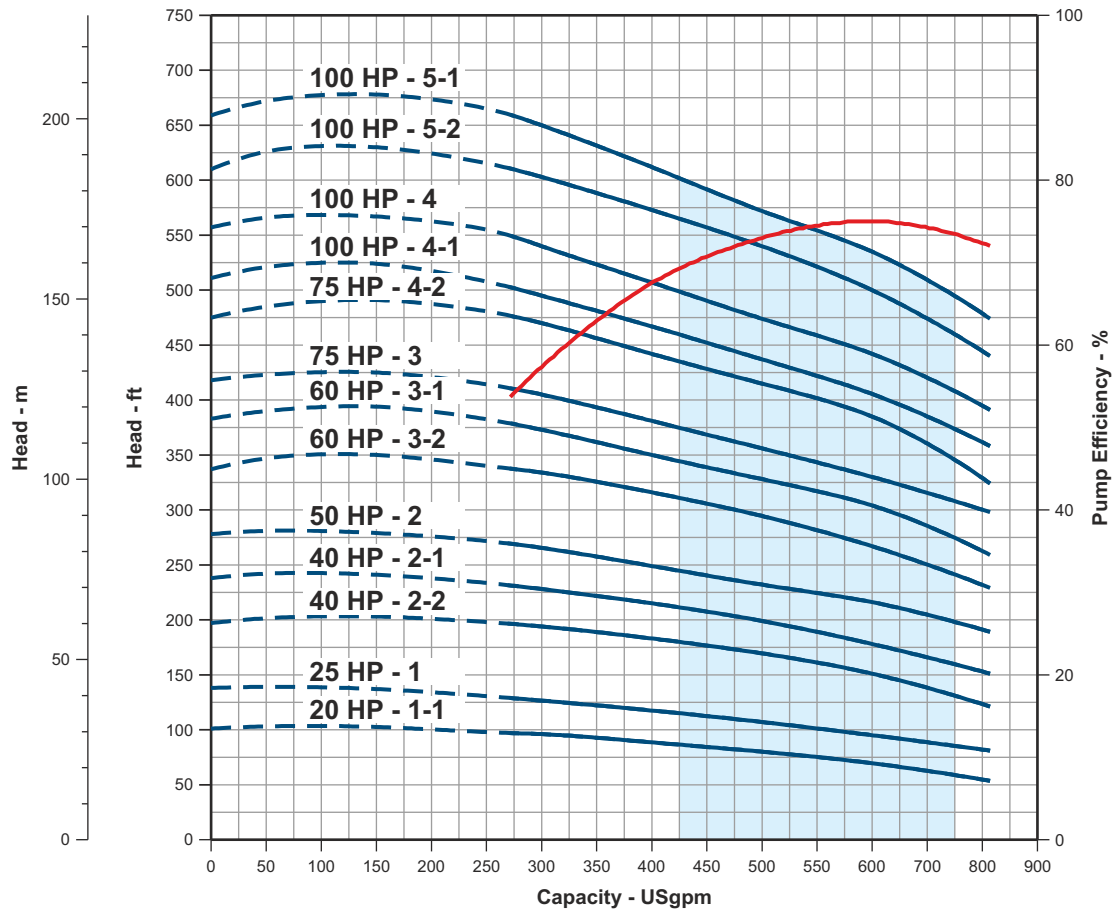
VERTICAL MULTI-STAGE PUMPS

NV-B-600 / NV-C-600

PERFORMANCE CURVE

600 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



BEST EFFICIENCY REGION

RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

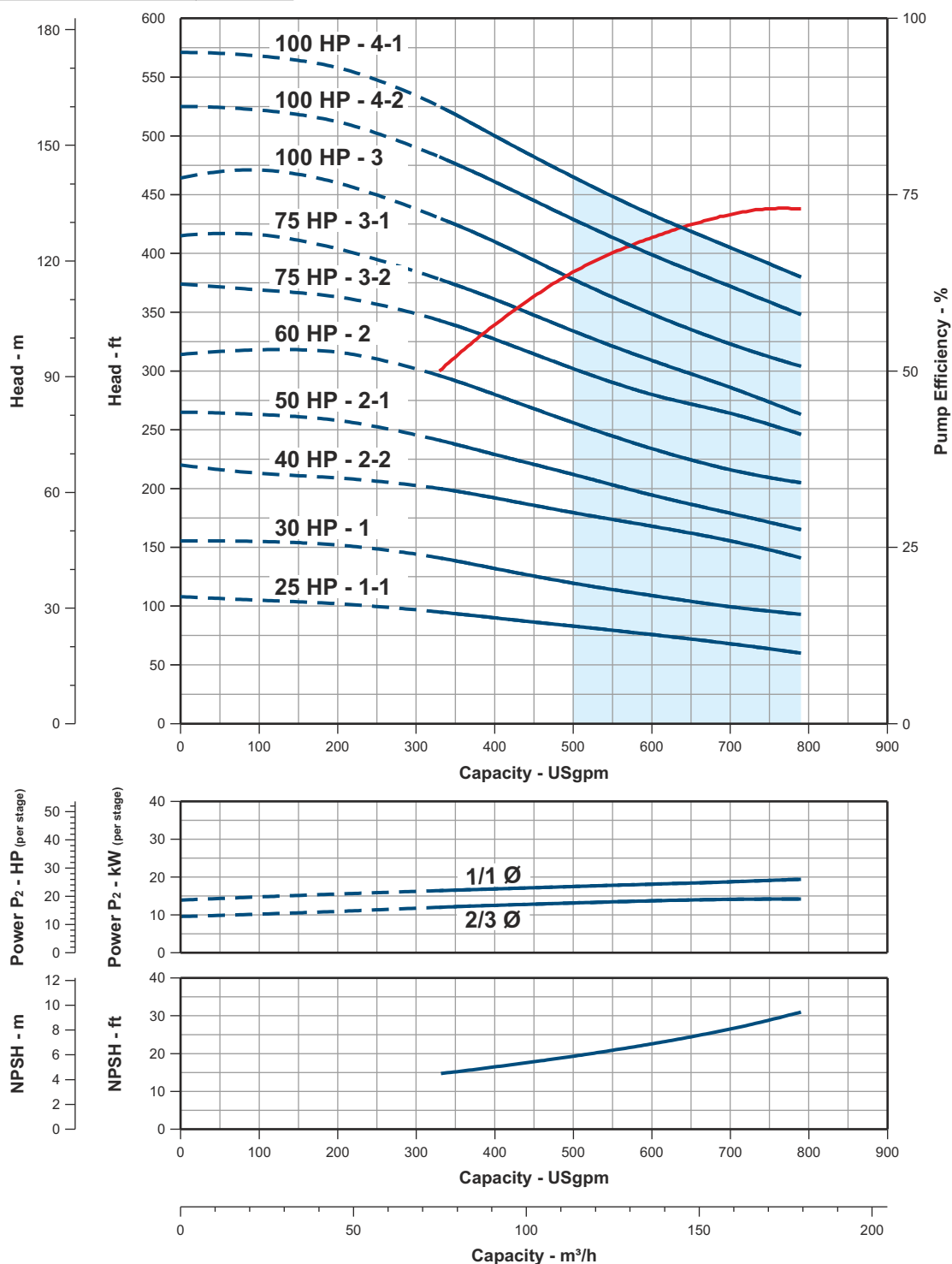
VERTICAL MULTI-STAGE PUMPS

NV-B-750 / NV-C-750

PERFORMANCE CURVE

750 GPM

Nominal RPM	3450
Curve based on clear water @	68°F



BEST EFFICIENCY REGION

RECOMMENDED PUMP OPERATING RANGE

PERFORMANCE BASED ON TEST ACCEPTANCE - ISO 9906:2012 3B.

PERFORMANCES ARE SUBJECT TO PERIODIC CHANGES DUE TO CONTINUOUS IMPROVEMENTS.

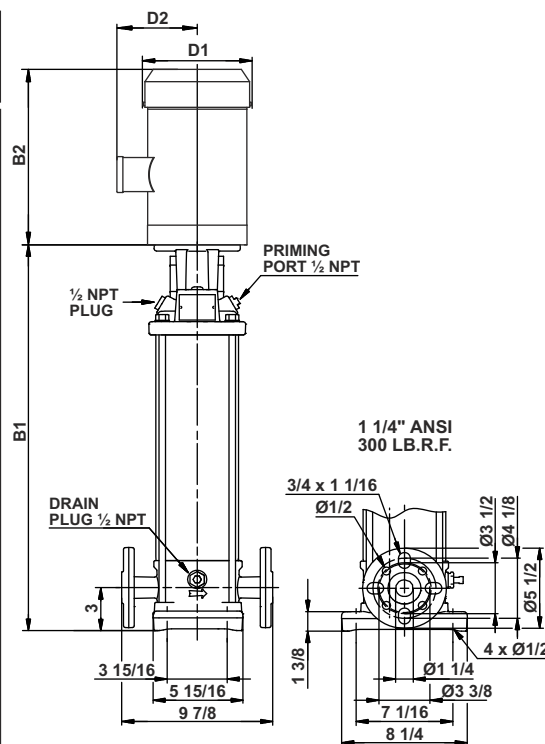
VERTICAL MULTI-STAGE PUMPS

NV-A-005, NV-B-005

DIMENSIONS

5 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	1	10 1/3	21 1/4	6 1/3	4 7/8	63
1/3	3	1	11 1/8	21 7/8	6 1/3	4 7/8	64
1/3	4	1	11 3/4	22 5/8	6 1/3	4 7/8	65
1/3	5	1	12 1/2	23 1/3	6 1/3	4 7/8	66
1/2	6	1	13 1/4	24	6 1/3	4 7/8	70
1/2	7	1	13 7/8	24 3/4	6 1/3	4 7/8	71
1/2	8	1	14 5/8	25 1/2	6 1/3	4 7/8	72
3/4	9	1	15 1/3	26 3/4	6 1/3	4 7/8	77
3/4	10	1	16 1/8	27 1/2	6 1/3	4 7/8	78
3/4	11	1	16 3/4	28 1/4	6 1/3	4 7/8	78
3/4	12	1	17 1/2	28 7/8	6 1/3	4 7/8	79
1	13	1	18 1/8	30 1/3	6 1/3	4 7/8	96
1	15	1	19 5/8	31 3/4	6 1/3	4 7/8	97
1 1/2	17	1	21	32	7 1/4	5 1/3	102
1 1/2	19	1	22 1/2	33 1/2	7 1/4	5 1/3	104
1 1/2	21	1	24 1/8	35 1/8	7 1/4	5 1/3	105
1 1/2	23	1	25 1/2	36 1/2	7 1/4	5 1/3	107
2	25	1	26 7/8	38 1/2	7 1/4	5 1/3	120
2	27	1	28 1/3	40	7 1/4	5 1/3	122



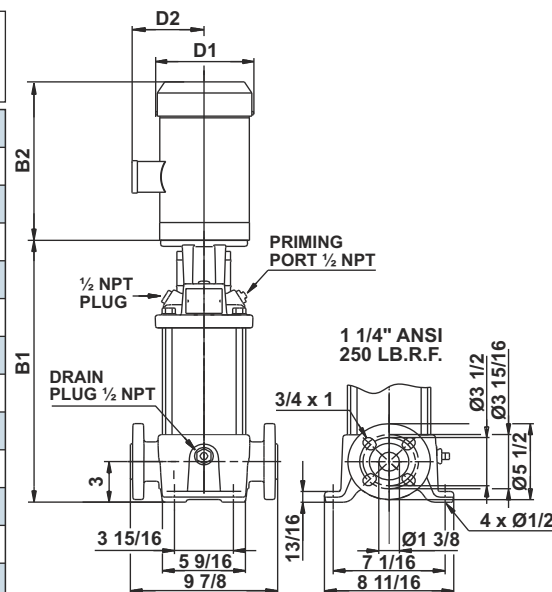
All dimensions in inches unless otherwise noted.

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	3	10 1/3	20 1/4	6 1/3	4 7/8	56
1/3	3	3	11 1/8	21	6 1/3	4 7/8	57
1/3	4	3	11 3/4	21 5/8	6 1/3	4 7/8	58
1/3	5	3	12 1/2	22 1/3	6 1/3	4 7/8	64
1/2	6	3	13 1/4	23 1/8	6 1/3	4 7/8	65
1/2	7	3	13 7/8	23 3/4	6 1/3	4 7/8	65
1/2	8	3	14 5/8	24 1/2	6 1/3	4 7/8	66
3/4	9	3	15 1/3	25 5/8	6 1/3	4 7/8	68
3/4	10	3	16 1/8	26 1/3	6 1/3	4 7/8	69
3/4	11	3	16 3/4	27	6 1/3	4 7/8	69
3/4	12	3	17 1/2	27 3/4	6 1/3	4 7/8	70
1	13	3	18 1/8	29 5/8	6 1/3	4 7/8	71
1	15	3	19 5/8	31	6 1/3	4 7/8	73
1 1/2	17	3	21	31 1/2	7 1/4	5 1/3	79
1 1/2	19	3	22 1/2	32 7/8	7 1/4	5 1/3	80
1 1/2	21	3	24 1/8	34 1/2	7 1/4	5 1/3	82
1 1/2	23	3	25 1/2	36	7 1/4	5 1/3	84
2	25	3	26 7/8	38	7 1/4	5 1/3	111
2	27	3	28 1/3	39 1/3	7 1/4	5 1/3	113

VERTICAL MULTI-STAGE PUMPS

NV-C-005
DIMENSIONS
5 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	1	10 1/4	21 1/8	6 1/3	4 7/8	69
1/3	3	1	11	21 7/8	6 1/3	4 7/8	69
1/3	4	1	11 3/4	22 1/2	6 1/3	4 7/8	70
1/3	5	1	12 1/2	23 1/4	6 1/3	4 7/8	71
1/2	6	1	13 1/8	24	6 1/3	4 7/8	75
1/2	7	1	13 7/8	24 5/8	6 1/3	4 7/8	76
1/2	8	1	14 1/2	25 1/3	6 1/3	4 7/8	77
3/4	9	1	15 1/4	26 5/8	6 1/3	4 7/8	82
3/4	10	1	16	27 1/3	6 1/3	4 7/8	83
3/4	11	1	16 5/8	28 1/8	6 1/3	4 7/8	84
3/4	12	1	17 1/3	28 3/4	6 1/3	4 7/8	85
1	13	1	18 1/8	30 1/4	6 1/3	4 7/8	101
1	15	1	19 1/2	31 5/8	6 1/3	4 7/8	103
1 1/2	17	1	20 7/8	31 7/8	7 1/4	5 1/3	107
1 1/2	19	1	22 1/3	33 1/3	7 1/4	5 1/3	109
1 1/2	21	1	24	35	7 1/4	5 1/3	111
1 1/2	23	1	25 1/3	36 1/3	7 1/4	5 1/3	113
2	25	1	26 7/8	38 1/2	7 1/4	5 1/3	126
2	27	1	28 1/4	39 7/8	7 1/4	5 1/3	127



All dimensions in inches unless otherwise noted.

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	3	10 1/4	20 1/8	6 1/3	4 7/8	62
1/3	3	3	11	20 7/8	6 1/3	4 7/8	62
1/3	4	3	11 3/4	21 1/2	6 1/3	4 7/8	63
1/3	5	3	12 1/2	22 1/4	6 1/3	4 7/8	69
1/2	6	3	13 1/8	23	6 1/3	4 7/8	70
1/2	7	3	13 7/8	23 5/8	6 1/3	4 7/8	71
1/2	8	3	14 1/2	24 1/3	6 1/3	4 7/8	72
3/4	9	3	15 1/4	25 1/2	6 1/3	4 7/8	73
3/4	10	3	16	26 1/8	6 1/3	4 7/8	74
3/4	11	3	16 5/8	26 7/8	6 1/3	4 7/8	75
3/4	12	3	17 1/3	27 5/8	6 1/3	4 7/8	76
1	13	3	18 1/8	29 1/2	6 1/3	4 7/8	77
1	15	3	19 1/2	30 7/8	6 1/3	4 7/8	78
1 1/2	17	3	20 7/8	31 1/3	7 1/4	5 1/3	84
1 1/2	19	3	22 1/3	32 3/4	7 1/4	5 1/3	86
1 1/2	21	3	24	34 1/2	7 1/4	5 1/3	88
1 1/2	23	3	25 1/3	35 3/4	7 1/4	5 1/3	89
2	25	3	26 7/8	37 7/8	7 1/4	5 1/3	116
2	27	3	28 1/4	39 1/4	7 1/4	5 1/3	118

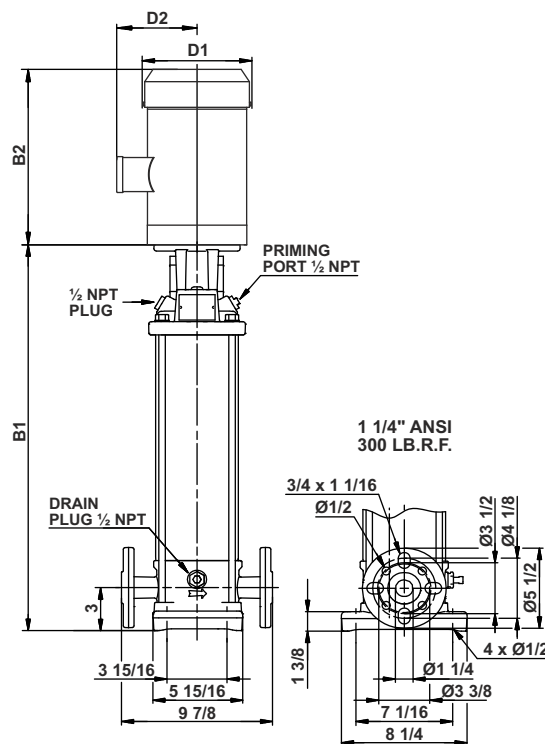
VERTICAL MULTI-STAGE PUMPS

NV-A-010, NV-B-010

DIMENSIONS

10 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	1	10 1/3	21 1/4	6 1/3	4 7/8	63
1/3	3	1	11 1/8	21 7/8	6 1/3	4 7/8	64
1/2	4	1	11 3/4	22 5/8	6 1/3	4 7/8	68
1/2	5	1	12 1/2	23 1/3	6 1/3	4 7/8	69
3/4	6	1	13 1/4	24 5/8	6 1/3	4 7/8	74
3/4	7	1	13 7/8	25 1/3	6 1/3	4 7/8	75
1	8	1	14 5/8	26 7/8	6 1/3	4 7/8	88
1	9	1	15 1/3	27 1/2	6 1/3	4 7/8	89
1	10	1	16 1/8	28 1/4	6 1/3	4 7/8	90
1 1/2	11	1	16 3/4	27 3/4	7 1/4	5 1/3	97
1 1/2	12	1	17 3/4	28 3/4	7 1/4	5 1/3	98
1 1/2	13	1	18 1/2	29 1/2	7 1/4	5 1/3	99
2	15	1	19 7/8	31 1/2	7 1/4	5 1/3	108
2	17	1	21 1/4	32 7/8	7 1/4	5 1/3	110
2	19	1	22 5/8	34 1/4	7 1/4	5 1/3	112
3	21	1	24 1/8	36 7/8	7 1/4	5 1/3	150
3	23	1	25 1/2	38 1/3	7 1/4	5 1/3	152
3	25	1	27 1/2	40 1/3	7 1/4	5 1/3	154
3	27	1	29	41 3/4	7 1/4	5 1/3	156



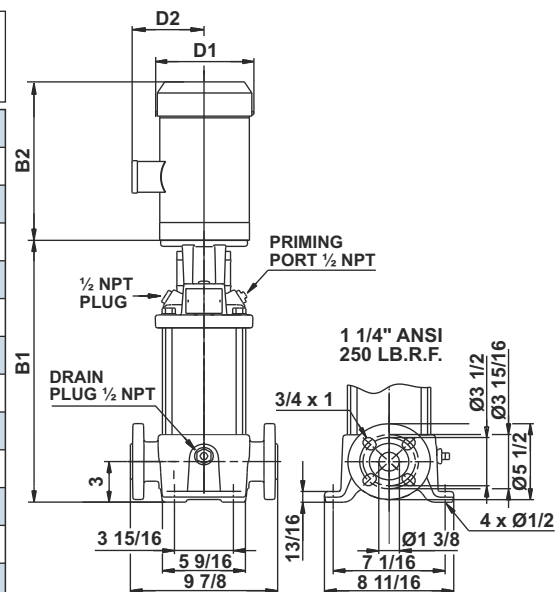
All dimensions in inches unless otherwise noted.

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	3	10 1/3	20 1/4	6 1/3	4 7/8	57
1/3	3	3	11 1/8	21	6 1/3	4 7/8	57
1/2	4	3	11 3/4	21 5/8	6 1/3	4 7/8	58
1/2	5	3	12 1/2	22 1/3	6 1/3	4 7/8	64
3/4	6	3	13 1/4	23 1/2	6 1/3	4 7/8	65
3/4	7	3	13 7/8	24 1/8	6 1/3	4 7/8	66
1	8	3	14 5/8	26 1/8	6 1/3	4 7/8	67
1	9	3	15 1/3	26 3/4	6 1/3	4 7/8	68
1	10	3	16 1/8	27 1/2	6 1/3	4 7/8	69
1 1/2	11	3	16 3/4	27 1/4	7 1/4	5 1/3	70
1 1/2	12	3	17 3/4	28 1/8	7 1/4	5 1/3	71
1 1/2	13	3	18 1/2	28 7/8	7 1/4	5 1/3	72
2	15	3	19 7/8	30 7/8	7 1/4	5 1/3	99
2	17	3	21 1/4	32 1/4	7 1/4	5 1/3	101
2	19	3	22 5/8	33 3/4	7 1/4	5 1/3	103
3	21	3	24 1/8	35 7/8	7 1/4	5 1/3	108
3	23	3	25 1/2	37 1/3	7 1/4	5 1/3	113
3	25	3	27 1/2	39 1/3	7 1/4	5 1/3	114
3	27	3	29	40 3/4	7 1/4	5 1/3	116

VERTICAL MULTI-STAGE PUMPS

NV-C-010
DIMENSIONS
10 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	1	10 1/4	21 1/8	6 1/3	4 7/8	69
1/3	3	1	11	21 7/8	6 1/3	4 7/8	69
1/2	4	1	11 3/4	22 1/2	6 1/3	4 7/8	73
1/2	5	1	12 1/2	23 1/4	6 1/3	4 7/8	74
3/4	6	1	13 1/8	24 1/2	6 1/3	4 7/8	80
3/4	7	1	13 7/8	25 1/4	6 1/3	4 7/8	81
1	8	1	14 1/2	26 3/4	6 1/3	4 7/8	93
1	9	1	15 1/4	27 1/2	6 1/3	4 7/8	94
1	10	1	16	28 1/8	6 1/3	4 7/8	95
1 1/2	11	1	16 5/8	27 5/8	7 1/4	5 1/3	102
1 1/2	12	1	17 5/8	28 5/8	7 1/4	5 1/3	103
1 1/2	13	1	18 1/3	29 1/3	7 1/4	5 1/3	104
2	15	1	19 3/4	31 1/3	7 1/4	5 1/3	114
2	17	1	21 1/8	32 3/4	7 1/4	5 1/3	116
2	19	1	22 1/2	34 1/8	7 1/4	5 1/3	118
3	21	1	24	36 3/4	7 1/4	5 1/3	157
3	23	1	25 1/3	38 1/8	7 1/4	5 1/3	159
3	25	1	27 1/2	40 1/4	7 1/4	5 1/3	161
3	27	1	28 7/8	41 5/8	7 1/4	5 1/3	163



All dimensions in inches unless otherwise noted.

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	3	10 1/4	20 1/8	6 1/3	4 7/8	62
1/3	3	3	11	20 7/8	6 1/3	4 7/8	62
1/2	4	3	11 3/4	21 1/2	6 1/3	4 7/8	63
1/2	5	3	12 1/2	22 1/4	6 1/3	4 7/8	69
3/4	6	3	13 1/8	23 1/3	6 1/3	4 7/8	71
3/4	7	3	13 7/8	24	6 1/3	4 7/8	72
1	8	3	14 1/2	26	6 1/3	4 7/8	72
1	9	3	15 1/4	26 5/8	6 1/3	4 7/8	74
1	10	3	16	27 1/3	6 1/3	4 7/8	74
1 1/2	11	3	16 5/8	27 1/8	7 1/4	5 1/3	76
1 1/2	12	3	17 1/3	28	7 1/4	5 1/3	77
1 1/2	13	3	18 1/8	28 3/4	7 1/4	5 1/3	77
2	15	3	19 1/2	30 3/4	7 1/4	5 1/3	104
2	17	3	20 7/8	32 1/8	7 1/4	5 1/3	106
2	19	3	22 1/3	33 5/8	7 1/4	5 1/3	108
3	21	3	24	35 3/4	7 1/4	5 1/3	115
3	23	3	25 1/3	37 1/8	7 1/4	5 1/3	120
3	25	3	26 7/8	39 1/4	7 1/4	5 1/3	122
3	27	3	28 1/4	40 5/8	7 1/4	5 1/3	124

VERTICAL MULTI-STAGE PUMPS

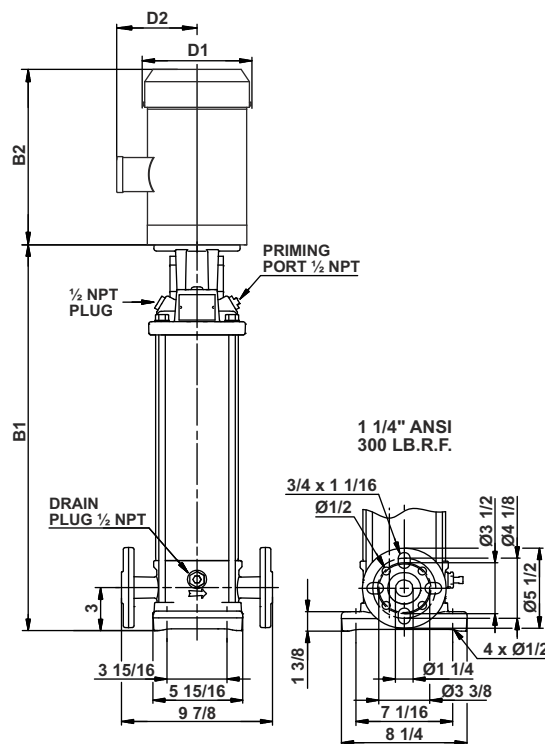
NV-A-012, NV-B-012

DIMENSIONS

12 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/2	3-2	1	10 1/3	21 1/4	6 1/3	4 7/8	71
3/4	3	1	11 1/8	22 1/2	6 1/3	4 7/8	73
1	4	1	11 3/4	24	6 1/3	4 7/8	79
1 1/2	5	1	12 1/2	23 1/2	7 1/4	5 1/3	82
1 1/2	6	1	13 1/4	24 1/4	7 1/4	5 1/3	83
2	7	1	14	25 1/2	7 1/4	5 1/3	90
2	8	1	14 5/8	26 1/4	7 1/4	5 1/3	91
3	9	1	15 5/8	28 1/3	7 1/4	5 1/3	99
3	10	1	16 1/3	29 1/8	7 1/4	5 1/3	101
3	11	1	17	29 7/8	7 1/4	5 1/3	103
3	12	1	17 3/4	30 1/2	7 1/4	5 1/3	105
3	13	1	18 1/2	31 1/4	7 1/4	5 1/3	107

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/2	3-2	3	10 1/3	20 1/4	6 1/3	4 7/8	68
3/4	3	3	11 1/8	21 1/3	6 1/3	4 7/8	70
1	4	3	11 3/4	23 1/4	6 1/3	4 7/8	74
1 1/2	5	3	12 1/2	23	7 1/4	5 1/3	76
1 1/2	6	3	13 1/4	23 5/8	7 1/4	5 1/3	77
2	7	3	14	25	7 1/4	5 1/3	80
2	8	3	14 5/8	25 5/8	7 1/4	5 1/3	81
3	9	3	15 5/8	27 1/2	7 1/4	5 1/3	93
3	10	3	16 1/3	28 1/8	7 1/4	5 1/3	95
3	11	3	17	28 7/8	7 1/4	5 1/3	97
3	12	3	17 3/4	29 1/2	7 1/4	5 1/3	99
3	13	3	18 1/2	30 1/4	7 1/4	5 1/3	101
5	14	3	19 1/8	34 1/8	8 3/4	6 1/2	103
5	15	3	19 7/8	34 7/8	8 3/4	6 1/2	105
5	16	3	20 3/4	35 3/4	8 3/4	6 1/2	107
5	17	3	21 5/8	36 5/8	8 3/4	6 1/2	109
5	18	3	22 5/8	37 1/2	8 3/4	6 1/2	111



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

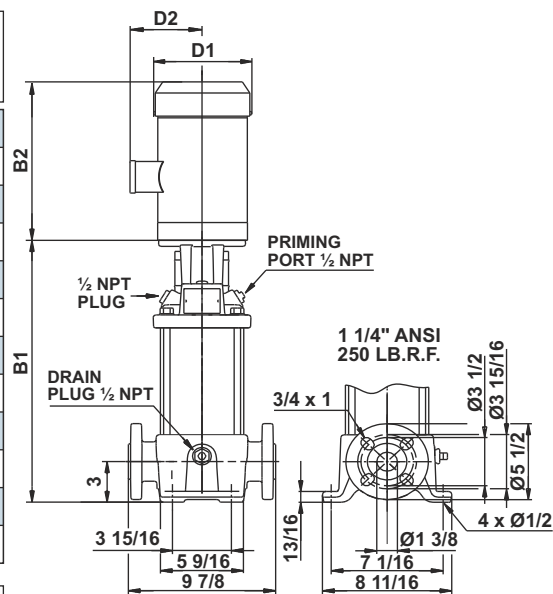
NV-C-012

DIMENSIONS

12 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/2	3-2	1	10 1/4	21 1/8	6 1/3	4 7/8	76
3/4	3	1	11	22 1/2	6 1/3	4 7/8	78
1	4	1	11 3/4	23 7/8	6 1/3	4 7/8	84
1 1/2	5	1	12 1/3	23 1/3	7 1/4	5 1/3	87
1 1/2	6	1	13 1/8	24 1/8	7 1/4	5 1/3	88
2	7	1	13 7/8	25 1/2	7 1/4	5 1/3	95
2	8	1	14 1/2	26 1/8	7 1/4	5 1/3	96
3	9	1	15 1/2	28 1/4	7 1/4	5 1/3	104
3	10	1	16 1/8	29	7 1/4	5 1/3	106
3	11	1	16 7/8	29 5/8	7 1/4	5 1/3	108
3	12	1	17 5/8	30 1/2	7 1/4	5 1/3	110
3	13	1	18 1/3	31 1/8	7 1/4	5 1/3	112

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/2	3-2	3	10 1/4	20 1/8	6 1/3	4 7/8	73
3/4	3	3	11	21 1/4	6 1/3	4 7/8	75
1	4	3	11 3/4	23 1/8	6 1/3	4 7/8	79
1 1/2	5	3	12 1/3	22 3/4	7 1/4	5 1/3	81
1 1/2	6	3	13 1/8	23 1/2	7 1/4	5 1/3	82
2	7	3	13 7/8	24 7/8	7 1/4	5 1/3	85
2	8	3	14 1/2	25 1/2	7 1/4	5 1/3	86
3	9	3	15 1/2	27 1/4	7 1/4	5 1/3	98
3	10	3	16 1/8	28	7 1/4	5 1/3	100
3	11	3	16 7/8	28 3/4	7 1/4	5 1/3	102
3	12	3	17 5/8	29 1/2	7 1/4	5 1/3	104
3	13	3	18 1/3	30 1/8	7 1/4	5 1/3	106
5	14	3	19	34	8 3/4	6 1/2	108
5	15	3	19 3/4	34 5/8	8 3/4	6 1/2	110
5	16	3	20 5/8	35 5/8	8 3/4	6 1/2	112
5	17	3	21 1/2	36 1/2	8 3/4	6 1/2	114
5	18	3	22 1/2	37 1/2	8 3/4	6 1/2	116



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

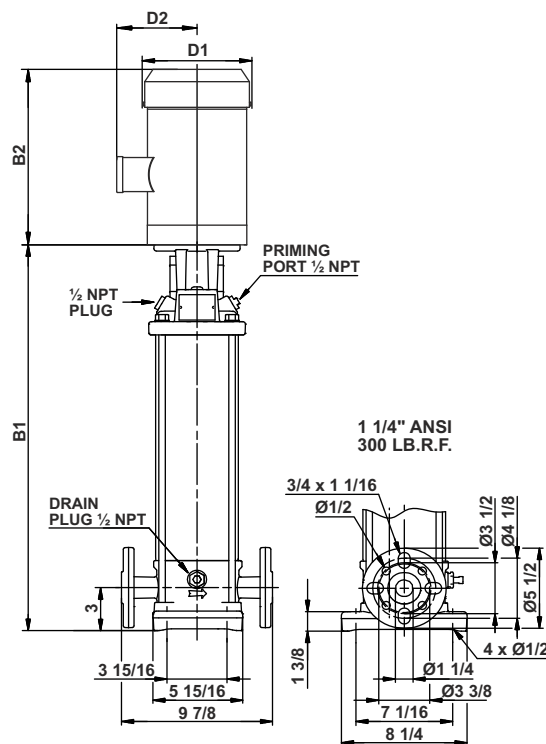
NV-A-016, NV-B-016

DIMENSIONS

16 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	1	10 1/3	21 1/4	6 1/3	4 7/8	64
1/2	3	1	11 1/8	21 7/8	6 1/3	4 7/8	67
3/4	4	1	11 7/8	23 1/4	6 1/3	4 7/8	73
3/4	5	1	12 1/2	24	6 1/3	4 7/8	73
1	6	1	13 1/4	25 1/2	6 1/3	4 7/8	86
1 1/2	7	1	14	25	7 1/4	5 1/3	90
1 1/2	8	1	14 7/8	25 7/8	7 1/4	5 1/3	91
1 1/2	9	1	15 5/8	26 5/8	7 1/4	5 1/3	92
2	10	1	16 1/4	27 7/8	7 1/4	5 1/3	104
2	11	1	17	28 5/8	7 1/4	5 1/3	105
2	12	1	17 3/4	29 1/3	7 1/4	5 1/3	106
3	13	1	18 1/2	31 1/4	7 1/4	5 1/3	139
3	15	1	19 7/8	32 5/8	7 1/4	5 1/3	141
3	17	1	21 7/8	34 3/4	7 1/4	5 1/3	143
3	19	1	23 1/3	36 1/8	7 1/4	5 1/3	148

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	3	10 1/3	20 1/4	6 1/3	4 7/8	62
1/2	3	3	11 1/8	21	6 1/3	4 7/8	62
3/4	4	3	11 7/8	22	6 1/3	4 7/8	63
3/4	5	3	12 1/2	22 3/4	6 1/3	4 7/8	64
1	6	3	13 1/4	24 5/8	6 1/3	4 7/8	65
1 1/2	7	3	14	24 1/3	7 1/4	5 1/3	67
1 1/2	8	3	14 7/8	25 1/3	7 1/4	5 1/3	68
1 1/2	9	3	15 5/8	26	7 1/4	5 1/3	69
2	10	3	16 1/4	27 1/3	7 1/4	5 1/3	91
2	11	3	17	28	7 1/4	5 1/3	95
2	12	3	17 3/4	28 3/4	7 1/4	5 1/3	96
3	13	3	18 1/2	30 1/4	7 1/4	5 1/3	100
3	15	3	19 7/8	31 5/8	7 1/4	5 1/3	102
3	17	3	21 7/8	33 3/4	7 1/4	5 1/3	104
3	19	3	23 1/3	35 1/8	7 1/4	5 1/3	106
5	21	3	24 3/4	39 5/8	8 3/4	6 1/2	121
5	23	3	26 1/8	41 1/8	8 3/4	6 1/2	122
5	25	3	27 1/2	42 1/2	8 3/4	6 1/2	124



All dimensions in inches unless otherwise noted.

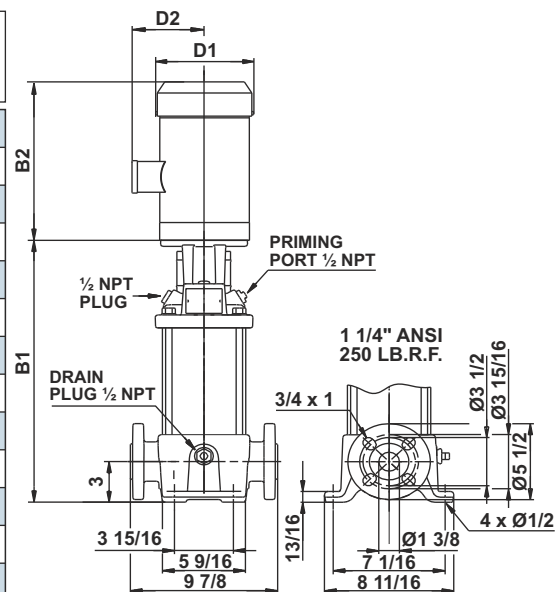
VERTICAL MULTI-STAGE PUMPS

NV-C-016

DIMENSIONS

16 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	1	10 1/4	21 1/8	6 1/3	4 7/8	69
1/2	3	1	11	21 7/8	6 1/3	4 7/8	73
3/4	4	1	11 5/8	23 1/8	6 1/3	4 7/8	78
3/4	5	1	12 1/2	23 7/8	6 1/3	4 7/8	79
1	6	1	13 1/8	25 1/3	6 1/3	4 7/8	91
1 1/2	7	1	13 7/8	24 7/8	7 1/4	5 1/3	95
1 1/2	8	1	14 3/4	25 3/4	7 1/4	5 1/3	96
1 1/2	9	1	15 1/2	26 1/2	7 1/4	5 1/3	97
2	10	1	16 1/8	27 3/4	7 1/4	5 1/3	109
2	11	1	16 7/8	28 1/2	7 1/4	5 1/3	110
2	12	1	17 5/8	29 1/4	7 1/4	5 1/3	111
3	13	1	18 1/3	31 1/8	7 1/4	5 1/3	147
3	15	1	19 3/4	32 1/2	7 1/4	5 1/3	149
3	17	1	21 3/4	34 5/8	7 1/4	5 1/3	150
3	19	1	23 1/4	36	7 1/4	5 1/3	156



HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/3	2	3	10 1/4	20 1/8	6 1/3	4 7/8	67
1/2	3	3	11	20 7/8	6 1/3	4 7/8	67
3/4	4	3	11 5/8	21 7/8	6 1/3	4 7/8	69
3/4	5	3	12 1/2	22 5/8	6 1/3	4 7/8	70
1	6	3	13 1/8	24 1/2	6 1/3	4 7/8	71
1 1/2	7	3	13 7/8	24 1/4	7 1/4	5 1/3	72
1 1/2	8	3	14 3/4	25 1/4	7 1/4	5 1/3	73
1 1/2	9	3	15 1/2	25 7/8	7 1/4	5 1/3	74
2	10	3	16 1/8	27 1/4	7 1/4	5 1/3	96
2	11	3	16 7/8	27 7/8	7 1/4	5 1/3	101
2	12	3	17 5/8	28 5/8	7 1/4	5 1/3	102
3	13	3	18 1/3	30 1/8	7 1/4	5 1/3	108
3	15	3	19 3/4	31 1/2	7 1/4	5 1/3	110
3	17	3	21 3/4	33 5/8	7 1/4	5 1/3	111
3	19	3	23 1/4	35	7 1/4	5 1/3	113
5	21	3	24 5/8	39 5/8	8 3/4	6 1/2	128
5	23	3	26	41	8 3/4	6 1/2	130
5	25	3	27 1/2	42 1/2	8 3/4	6 1/2	132

All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

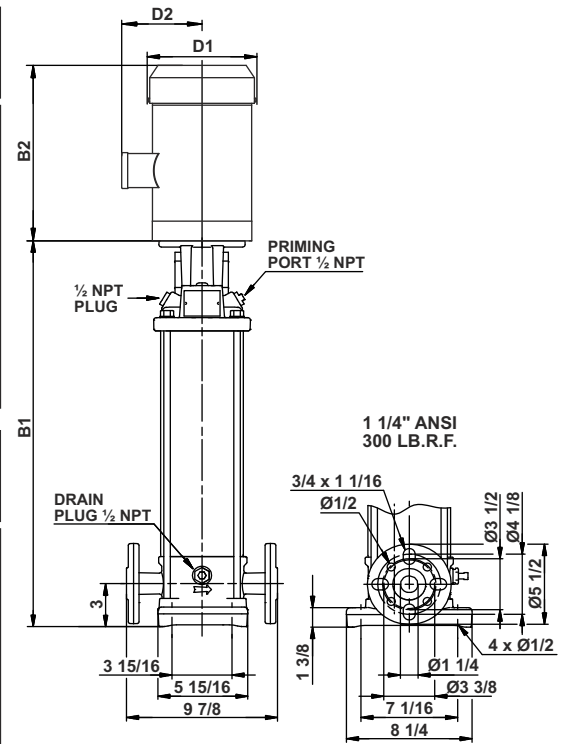
NV-A-027, NV-B-027

DIMENSIONS

27 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/2	2-1	1	11 1/8	21 7/8	6 1/3	4 7/8	66
3/4	2	1	11 1/8	22 1/2	6 1/3	4 7/8	68
1 1/2	3	1	12 1/8	23 1/8	7 1/4	5 1/3	78
1 1/2	4	1	13 1/4	24 2/8	7 1/4	5 1/3	79
2	5	1	14 1/2	26 1/7	7 1/4	5 1/3	87
3	6	1	15 5/8	28 2/4	7 1/4	5 1/3	96
3	8-7	1	17 3/4	30 1/2	7 1/4	5 1/3	99
3	8	1	17 3/4	30 1/2	7 1/4	5 1/3	101

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/2	2-1	3	11 1/8	21	6 1/3	4 7/8	63
3/4	2	3	11 1/8	21 1/4	6 1/3	4 7/8	65
1 1/2	3	3	12 1/8	22 1/2	7 1/4	5 1/3	72
1 1/2	4	3	13 1/4	23 1/2	7 1/4	5 1/3	73
2	5	3	14 1/2	25 1/2	7 1/4	5 1/3	77
3	6	3	15 5/8	27 2/4	7 1/4	5 1/3	90
3	8-7	3	17 3/4	29 1/2	7 1/4	5 1/3	93
3	8	3	17 3/4	29 1/2	7 1/4	5 1/3	95
5	9	3	19 1/2	34 1/3	8 3/4	6 1/2	105
5	10	3	20 1/2	35 1/2	8 3/4	6 1/2	107
5	11	3	21 1/2	36 1/2	8 3/4	6 1/2	109
5	12	3	22 5/8	37 1/2	8 3/4	6 1/2	111
5	13	3	23 5/8	38 1/2	8 3/4	6 1/2	113
5	14	3	24 3/4	39 5/8	8 3/4	6 1/2	115
7 1/2	15	3	25 3/4	40 3/4	8 3/4	6 1/2	123
7 1/2	16	3	26 7/8	41 3/4	8 3/4	6 1/2	125



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

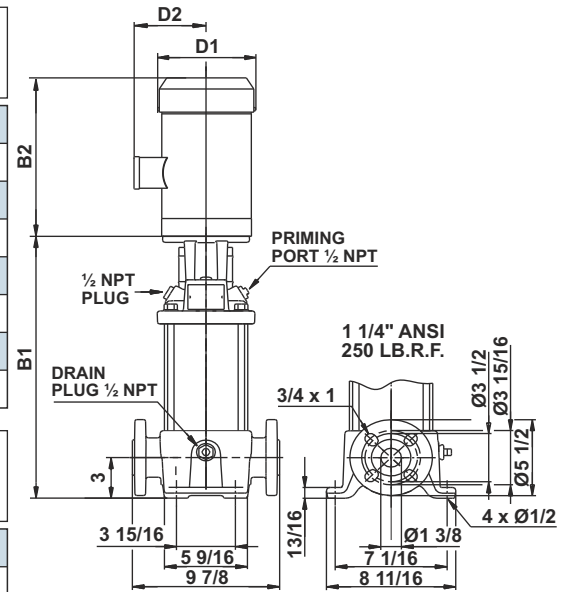
NV-C-027

DIMENSIONS

27 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/2	2-1	1	11	21 7/8	6 1/3	4 7/8	71
3/4	2	1	11	22 1/2	6 1/3	4 7/8	73
1 1/2	3	1	12	23 1/8	7 1/4	5 1/3	83
1 1/2	4	1	13 1/8	24 1/8	7 1/4	5 1/3	84
2	5	1	14 1/2	26	7 1/4	5 1/3	92
3	6	1	15 1/2	28 1/4	7 1/4	5 1/3	101
3	8-7	1	17 5/8	30 1/2	7 1/4	5 1/3	104
3	8	1	17 5/8	30 1/2	7 1/4	5 1/3	106

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
1/2	2-1	3	11	20 7/8	6 1/3	4 7/8	68
3/4	2	3	11	21 1/4	6 1/3	4 7/8	70
1 1/2	3	3	12	22 1/2	7 1/4	5 1/3	77
1 1/2	4	3	13 1/8	23 1/2	7 1/4	5 1/3	78
2	5	3	14 1/2	25 1/2	7 1/4	5 1/3	82
3	6	3	15 1/2	27 1/4	7 1/4	5 1/3	95
3	8-7	3	17 5/8	29 1/2	7 1/4	5 1/3	98
3	8	3	17 5/8	29 1/2	7 1/4	5 1/3	100
5	9	3	19 1/4	34 1/4	8 3/4	6 1/2	110
5	10	3	20 1/3	35 1/3	8 3/4	6 1/2	112
5	11	3	21 1/2	36 1/3	8 3/4	6 1/2	114
5	12	3	22 1/2	37 1/2	8 3/4	6 1/2	116
5	13	3	23 1/2	38 1/2	8 3/4	6 1/2	118
5	14	3	24 5/8	39 5/8	8 3/4	6 1/2	120
7 1/2	15	3	25 5/8	40 5/8	8 3/4	6 1/2	128
7 1/2	16	3	26 3/4	41 3/4	8 3/4	6 1/2	130



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

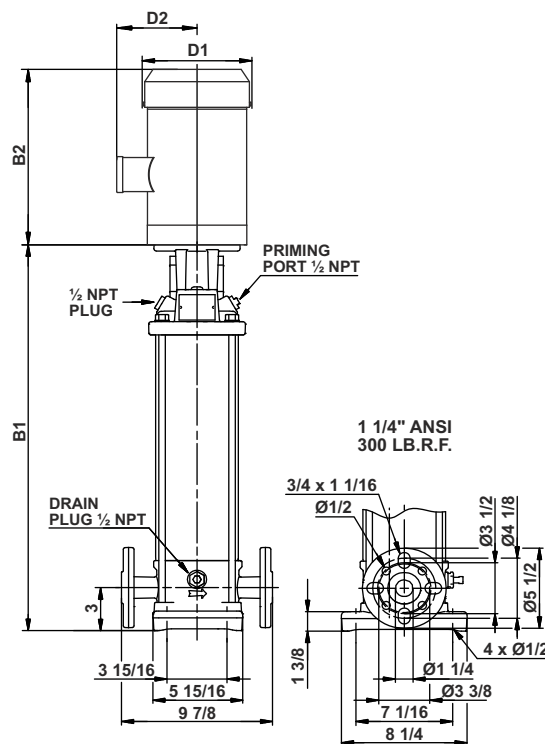
NV-A-030, NV-B-030

DIMENSIONS

30 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3/4	2	1	11 1/8	22 1/2	6 1/3	4 7/8	71
1	3	1	12 1/8	24 1/3	6 1/3	4 7/8	85
1 1/2	4	1	13 1/4	24 1/4	7 1/4	5 1/3	89
1 1/2	5	1	14 1/2	25 1/2	7 1/4	5 1/3	90
2	6	1	15 5/8	27 1/4	7 1/4	5 1/3	103
2	7	1	16 5/8	28 1/4	7 1/4	5 1/3	104
3	8	1	17 3/4	30 1/2	7 1/4	5 1/3	138
3	9	1	19 1/2	32 1/4	7 1/4	5 1/3	139
3	10	1	20 1/2	33 1/4	7 1/4	5 1/3	141

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3/4	2	3	11 1/8	21 1/3	6 1/3	4 7/8	62
1	3	3	12 1/8	23 5/8	6 1/3	4 7/8	64
1 1/2	4	3	13 1/4	23 5/8	7 1/4	5 1/3	65
1 1/2	5	3	14 1/2	25	7 1/4	5 1/3	67
2	6	3	15 5/8	26 5/8	7 1/4	5 1/3	90
2	7	3	16 5/8	27 5/8	7 1/4	5 1/3	94
3	8	3	17 3/4	29 1/2	7 1/4	5 1/3	99
3	9	3	19 1/2	31 1/4	7 1/4	5 1/3	100
3	10	3	20 1/2	32 1/4	7 1/4	5 1/3	102
5	11	3	21 1/2	36 1/2	8 3/4	6 1/2	112
5	12	3	22 5/8	37 1/2	8 3/4	6 1/2	114
5	13	3	23 5/8	38 5/8	8 3/4	6 1/2	115
5	14	3	24 3/4	39 5/8	8 3/4	6 1/2	120
5	15	3	25 3/4	40 3/4	8 3/4	6 1/2	121
5	16	3	26 7/8	41 7/8	8 3/4	6 1/2	122
7 1/2	18	3	29 1/8	44 1/8	8 3/4	6 1/2	180
7 1/2	20	3	31 1/4	46 1/4	8 3/4	6 1/2	183
7 1/2	22	3	33 1/3	48 1/3	8 3/4	6 1/2	279
7 1/2	24	3	35 1/2	50 1/2	8 3/4	6 1/2	282



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

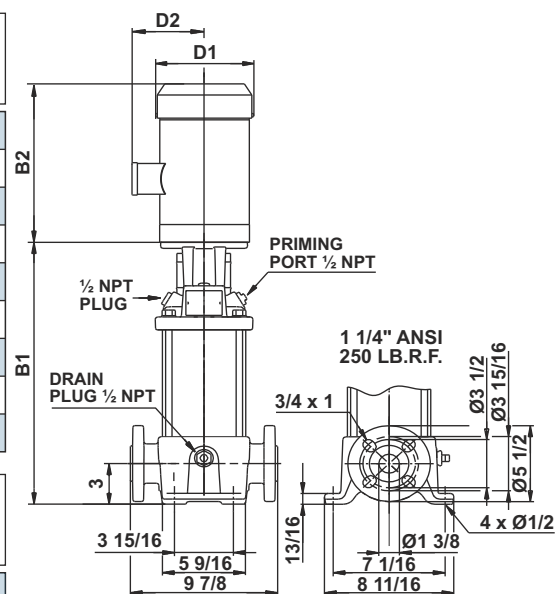
NV-C-030

DIMENSIONS

30 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3/4	2	1	11	22 1/2	6 1/3	4 7/8	77
1	3	1	12	24 1/4	6 1/3	4 7/8	90
1 1/2	4	1	13 1/8	24 1/8	7 1/4	5 1/3	94
1 1/2	5	1	14 1/2	25 1/2	7 1/4	5 1/3	95
2	6	1	15 1/2	27 1/8	7 1/4	5 1/3	108
2	7	1	16 1/2	28 1/8	7 1/4	5 1/3	109
3	8	1	17 5/8	30 1/2	7 1/4	5 1/3	145
3	9	1	19 1/4	32 1/8	7 1/4	5 1/3	147
3	10	1	20 1/3	33 1/8	7 1/4	5 1/3	148

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3/4	2	3	11	21 1/4	6 1/3	4 7/8	68
1	3	3	12	23 1/2	6 1/3	4 7/8	69
1 1/2	4	3	13 1/8	23 1/2	7 1/4	5 1/3	71
1 1/2	5	3	14 1/2	24 7/8	7 1/4	5 1/3	72
2	6	3	15 1/2	26 1/2	7 1/4	5 1/3	95
2	7	3	16 1/2	27 1/2	7 1/4	5 1/3	100
3	8	3	17 5/8	29 1/2	7 1/4	5 1/3	106
3	9	3	19 1/4	31 1/8	7 1/4	5 1/3	108
3	10	3	20 1/3	32 1/8	7 1/4	5 1/3	109
5	11	3	21 1/2	36 1/3	8 3/4	6 1/2	120
5	12	3	22 1/2	37 1/2	8 3/4	6 1/2	121
5	13	3	23 1/2	38 1/2	8 3/4	6 1/2	122
5	14	3	24 5/8	39 5/8	8 3/4	6 1/2	127
5	15	3	25 5/8	40 5/8	8 3/4	6 1/2	128
5	16	3	26 3/4	41 5/8	8 3/4	6 1/2	129
7 1/2	18	3	29	44	8 3/4	6 1/2	188
7 1/2	20	3	31 1/8	46 1/8	8 3/4	6 1/2	190
7 1/2	22	3	33 1/4	48 1/4	8 3/4	6 1/2	287
7 1/2	24	3	35 1/3	50 1/4	8 3/4	6 1/2	290



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

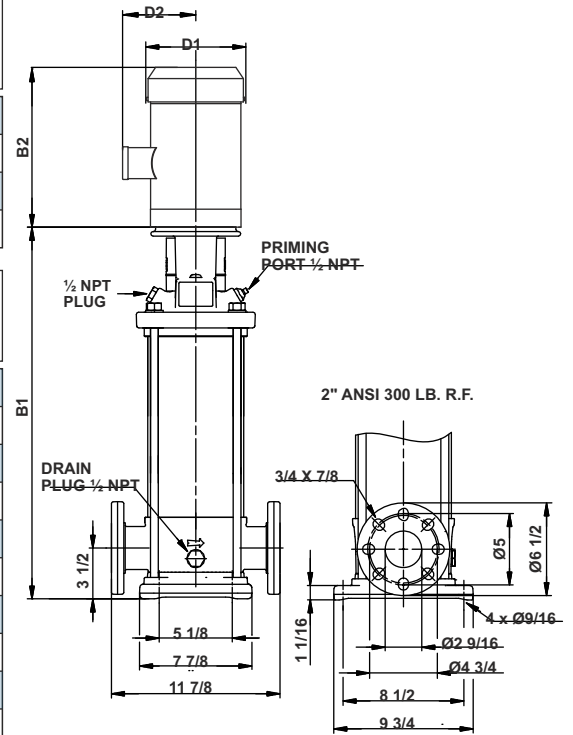
NV-A-055, NV-B-055

DIMENSIONS

55 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3/4	1	1	13 7/8	25 1/3	6 1/3	4 7/8	106
1 1/2	2	1	14	25 1/8	7 1/4	5 1/3	121
3	3	1	15 1/4	28	7 1/4	5 1/3	176
3	4	1	17	29 7/8	7 1/4	5 1/3	176

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3/4	1	3	13 7/8	24 1/8	6 1/3	4 7/8	97
1 1/2	2	3	14	24 1/2	7 1/4	5 1/3	99
3	3	3	15 1/4	27	7 1/4	5 1/3	137
3	4	3	17	28 7/8	7 1/4	5 1/3	139
5	5	3	18 1/4	33 1/4	8 3/4	6 1/2	150
5	6	3	19 1/2	34 1/3	8 3/4	6 1/2	152
5	7	3	20 3/4	35 3/4	8 3/4	6 1/2	154
7 1/2	8	3	22	37	8 3/4	6 1/2	216
7 1/2	9	3	23 1/8	38 1/8	8 3/4	6 1/2	218
7 1/2	10	3	24 1/3	39 1/4	8 3/4	6 1/2	221
10	12	3	26 5/8	43 1/2	10 1/3	7 1/2	225
10	14	3	30 1/3	47	10 1/3	7 1/2	229
15	16	3	32 5/8	53 1/2	12 1/4	9 1/2	399
15	17	3	33 7/8	54 3/4	12 1/4	9 1/2	404



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

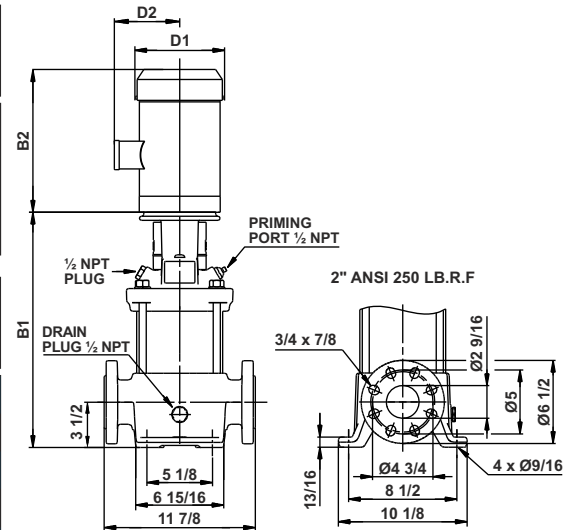
NV-C-055

DIMENSIONS

55 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3/4	1	1	13 1/2	24 7/8	6 1/3	4 7/8	115
1 1/2	2	1	13 5/8	24 5/8	7 1/4	5 1/3	128
3	3	1	14 7/8	27 5/8	7 1/4	5 1/3	183
3	4	1	16 5/8	29 1/2	7 1/4	5 1/3	183

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3/4	1	3	13 1/2	23 3/4	6 1/3	4 7/8	106
1 1/2	2	3	13 5/8	24 1/8	7 1/4	5 1/3	106
3	3	3	14 7/8	26 5/8	7 1/4	5 1/3	143
3	4	3	16 5/8	28 1/2	7 1/4	5 1/3	146
5	5	3	17 7/8	32 3/4	8 3/4	6 1/2	157
5	6	3	19	34	8 3/4	6 1/2	159
5	7	3	20 1/3	35 1/3	8 3/4	6 1/2	161
7 1/2	8	3	21 5/8	36 1/2	8 3/4	6 1/2	223
7 1/2	9	3	22 3/4	37 3/4	8 3/4	6 1/2	225
7 1/2	10	3	24	38 7/8	8 3/4	6 1/2	227
10	12	3	26 1/3	43	10 1/3	7 1/2	232
10	14	3	29 7/8	46 5/8	10 1/3	7 1/2	238
15	16	3	32 1/4	53 1/8	12 1/4	9 1/2	408
15	17	3	33 1/2	54 1/3	12 1/4	9 1/2	412



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

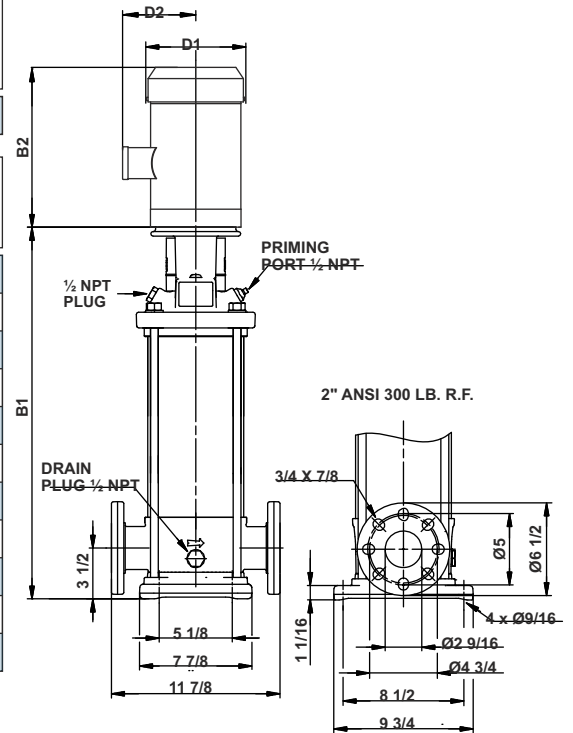
NV-A-095, NV-B-095

DIMENSIONS

95 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
2	1	1	15 3/4	27 1/3	7 1/4	5 1/3	130

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
2	1	3	15 3/4	26 3/4	7 1/4	5 1/3	121
5	2	3	16 1/3	31 1/3	8 3/4	6 1/2	146
5	3	3	18 1/3	33 1/4	8 3/4	6 1/2	148
7 1/2	4	3	20 1/8	35	8 3/4	6 1/2	207
10	5	3	21 7/8	38 5/8	10 1/3	7 1/2	214
10	6	3	24 7/8	41 5/8	10 1/3	7 1/2	216
15	7	3	26 5/8	47 1/2	12 1/4	9 1/2	357
15	8	3	28 1/2	49 1/3	12 1/4	9 1/2	388
15	9	3	30 1/4	51 1/8	12 1/4	9 1/2	392
20	10	3	35	55 7/8	12 1/4	9 1/2	408
25	12	3	38 1/2	63 3/4	14 1/8	11 5/8	505



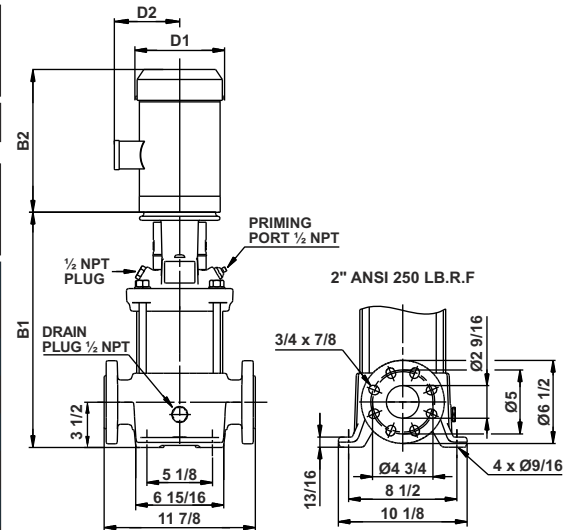
All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

NV-C-095
DIMENSIONS
95 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
2	1	1	15 3/4	27 1/3	7 1/4	5 1/3	139

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
2	1	3	15 3/4	26 3/4	7 1/4	5 1/3	128
5	2	3	16 1/3	31 1/3	8 3/4	6 1/2	152
5	3	3	18 1/3	33 1/4	8 3/4	6 1/2	154
7 1/2	4	3	20 1/8	35	8 3/4	6 1/2	214
10	5	3	21 7/8	38 5/8	10 1/3	7 1/2	218
10	6	3	24 7/8	41 5/8	10 1/3	7 1/2	223
15	7	3	26 5/8	47 1/2	12 1/4	9 1/2	364
15	8	3	28 1/2	49 1/3	12 1/4	9 1/2	395
15	9	3	30 1/4	51 1/8	12 1/4	9 1/2	401
20	10	3	35	55 7/8	12 1/4	9 1/2	417
25	12	3	38 1/2	63 3/4	14 1/8	11 5/8	512



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

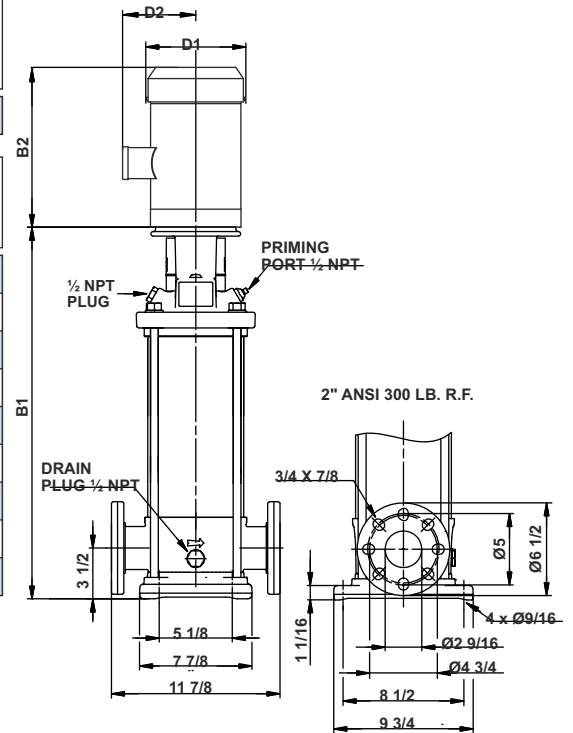
NV-A-110, NV-B-110

DIMENSIONS

110 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3	1	1	15 5/8	28 1/2	7 1/4	5 1/3	174

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3	1	3	15 5/8	27 1/2	7 1/4	5 1/3	135
5	2	3	16 1/4	31 1/4	8 3/4	6 1/2	146
7 1/2	3	3	18 1/4	33 1/4	8 3/4	6 1/2	203
10	4	3	21 1/4	38	10 1/3	7 1/2	207
15	5	3	23	43 7/8	12 1/4	9 1/2	351
15	6	3	24 7/8	45 5/8	12 1/4	9 1/2	353
20	7	3	26 5/8	47 1/2	12 1/4	9 1/2	397
20	8	3	31 1/3	52 1/4	12 1/4	9 1/2	401
25	10	3	34 7/8	60 1/8	14 1/8	11 5/8	498



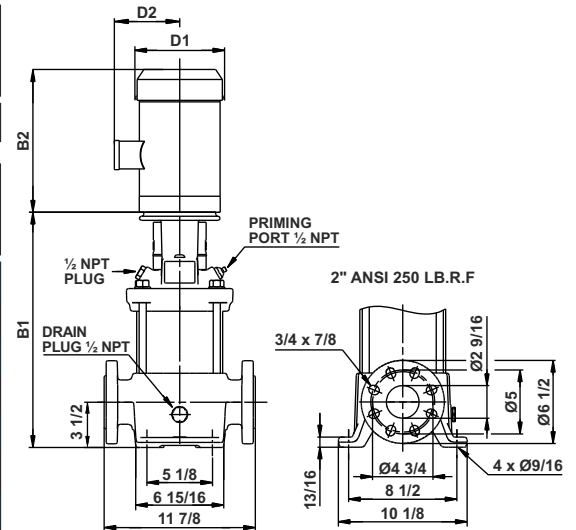
All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

NV-C-110
DIMENSIONS
110 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3	1	1	15 3/4	28 1/2	7 1/4	5 1/3	181

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3	1	3	15 3/4	27 1/2	7 1/4	5 1/3	141
5	2	3	16 1/3	31 1/3	8 3/4	6 1/2	152
7 1/2	3	3	18 1/3	33 1/4	8 3/4	6 1/2	209
10	4	3	21 1/3	38 1/8	10 1/3	7 1/2	214
15	5	3	23 1/8	44	12 1/4	9 1/2	355
15	6	3	24 7/8	45 3/4	12 1/4	9 1/2	359
20	7	3	26 5/8	47 1/2	12 1/4	9 1/2	404
20	8	3	31 1/2	52 1/3	12 1/4	9 1/2	408
25	10	3	35	60 1/4	14 1/8	11 5/8	505



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

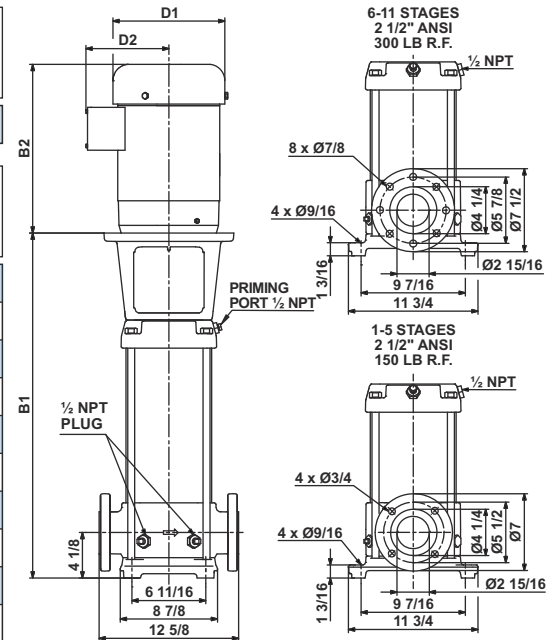
NV-A-140, NV-B-140

DIMENSIONS

140 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3	1-1	1	19 7/8	32 5/8	7 1/4	5 1/3	232

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3	1-1	3	19 7/8	31 5/8	7 1/4	5 1/3	160
5	1	3	19 7/8	34 7/8	8 3/4	6 1/2	169
7 1/2	2-2	3	22 5/8	37 5/8	8 3/4	6 1/2	229
7 1/2	2-1	3	22 5/8	37 5/8	8 3/4	6 1/2	229
7 1/2	2	3	22 5/8	37 5/8	8 3/4	6 1/2	229
10	3-2	3	25 1/3	42 1/8	10 1/3	7 1/2	236
15	3	3	25 1/3	46 1/4	12 1/4	9 1/2	318
15	4-2	3	28 1/8	49	12 1/4	9 1/2	325
15	4	3	28 1/8	49	12 1/4	9 1/2	325
20	5-2	3	35 1/4	56 1/8	12 1/4	9 1/2	346
20	5	3	35 1/4	56 1/8	12 1/4	9 1/2	346
25	6-2	3	38	63 1/4	14 1/8	11 5/8	434
25	6	3	38	63 1/4	14 1/8	11 5/8	434
25	7-2	3	40 3/4	66	14 1/8	11 5/8	441
30	7	3	40 3/4	66	14 1/8	11 5/8	602
30	8-2	3	43 1/2	68 3/4	14 1/8	11 5/8	615
30	8	3	43 1/2	68 3/4	14 1/8	11 5/8	615
40	9-2	3	46 1/4	73 7/8	15 5/8	12	696
40	9	3	46 1/4	73 7/8	15 5/8	12	696
40	10-2	3	49	76 5/8	15 5/8	12	705
40	10	3	49	76 5/8	15 5/8	12	705
40	11-2	3	51 3/4	79 1/3	15 5/8	12	731



All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

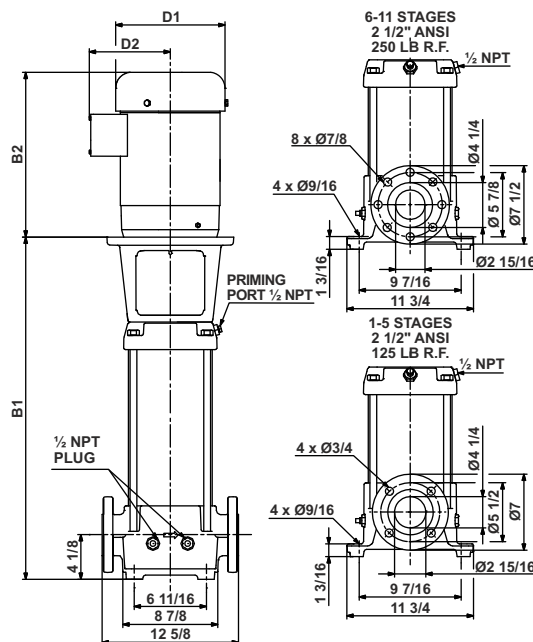
NV-C-140

DIMENSIONS

140 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3	1-1	1	19 7/8	32 5/8	7 1/4	5 1/3	232

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
3	1-1	3	19 7/8	31 5/8	7 1/4	5 1/3	160
5	1	3	19 7/8	34 7/8	8 3/4	6 1/2	169
7 1/2	2-2	3	22 5/8	37 5/8	8 3/4	6 1/2	229
7 1/2	2-1	3	22 5/8	37 5/8	8 3/4	6 1/2	229
7 1/2	2	3	22 5/8	37 5/8	8 3/4	6 1/2	229
10	3-2	3	25 1/3	42 1/8	10 1/3	7 1/2	236
15	3	3	25 1/3	46 1/4	12 1/4	9 1/2	318
15	4-2	3	28 1/8	49	12 1/4	9 1/2	325
15	4	3	28 1/8	49	12 1/4	9 1/2	325
20	5-2	3	35 1/4	56 1/8	12 1/4	9 1/2	346
20	5	3	35 1/4	56 1/8	12 1/4	9 1/2	346
25	6-2	3	38	63 1/4	14 1/8	11 5/8	434
25	6	3	38	63 1/4	14 1/8	11 5/8	434
25	7-2	3	40 3/4	66	14 1/8	11 5/8	441
30	7	3	40 3/4	66	14 1/8	11 5/8	602
30	8-2	3	43 1/2	68 3/4	14 1/8	11 5/8	615
30	8	3	43 1/2	68 3/4	14 1/8	11 5/8	615
40	9-2	3	46 1/4	73 7/8	15 5/8	12	696
40	9	3	46 1/4	73 7/8	15 5/8	12	696
40	10-2	3	49	76 5/8	15 5/8	12	705
40	10	3	49	76 5/8	15 5/8	12	705
40	11-2	3	51 3/4	79 1/3	15 5/8	12	731



All dimensions in inches unless otherwise noted.

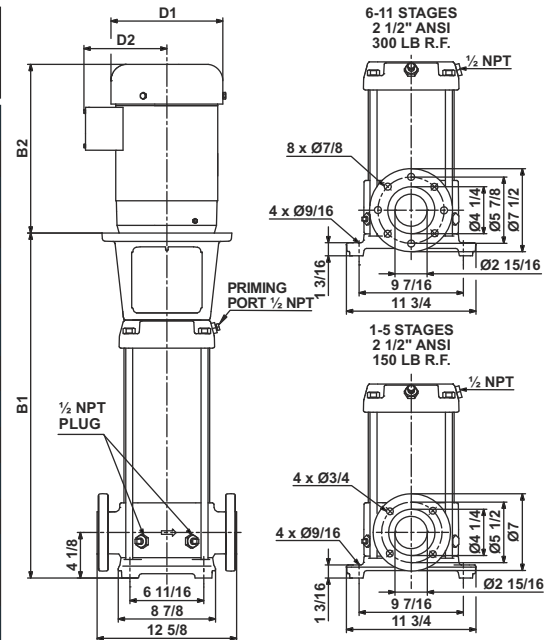
VERTICAL MULTI-STAGE PUMPS

NV-A-220, NV-B-220

DIMENSIONS

220 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
7 1/2	1-1	3	22	37	8 3/4	6 1/2	243
7 1/2	1	3	22	37	8 3/4	6 1/2	243
15	2-2	3	25 1/8	46	12 1/4	9 1/2	333
15	2-1	3	25 1/8	46	12 1/4	9 1/2	333
15	2	3	25 1/8	46	12 1/4	9 1/2	333
20	3-2	3	32 5/8	53 1/2	12 1/4	9 1/2	356
25	3-1	3	32 5/8	57 7/8	14 1/8	11 5/8	436
25	3	3	32 5/8	57 7/8	14 1/8	11 5/8	436
30	4-2	3	35 3/4	61	14 1/8	11 5/8	606
30	4-1	3	35 3/4	61	14 1/8	11 5/8	609
30	4	3	35 3/4	61	14 1/8	11 5/8	609
40	5-2	3	39	66 1/2	15 5/8	12	632
40	5-1	3	39	66 1/2	15 5/8	12	632
40	5	3	39	66 1/2	15 5/8	12	632
50	6-2	3	42 1/8	69 5/8	15 5/8	12	677
50	6	3	42 1/8	69 5/8	15 5/8	12	677
50	7-2	3	45 1/4	72 3/4	15 5/8	12	938
60	7	3	45 1/4	72 3/4	17 1/4	12 7/8	1113
60	8-1	3	48 1/3	75 7/8	17 1/4	12 7/8	1113



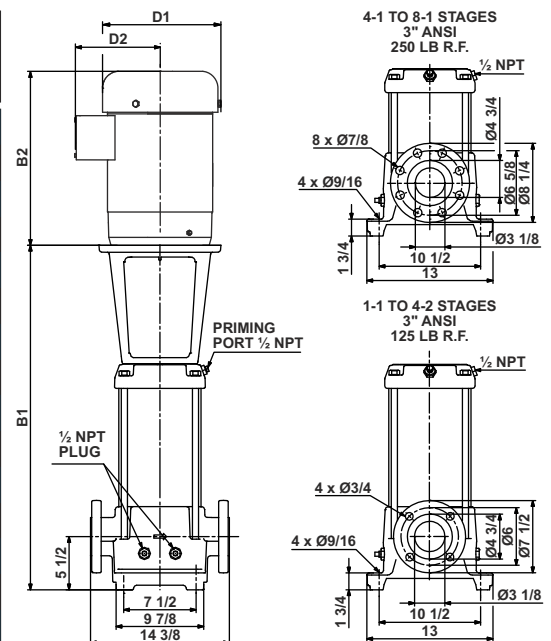
All dimensions in inches unless otherwise noted.

NV-C-220

DIMENSIONS

220 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
7 1/2	1-1	3	22	37	8 3/4	6 1/2	243
7 1/2	1	3	22	37	8 3/4	6 1/2	243
15	2-2	3	25 1/8	46	12 1/4	9 1/2	333
15	2-1	3	25 1/8	46	12 1/4	9 1/2	333
15	2	3	25 1/8	46	12 1/4	9 1/2	333
20	3-2	3	32 5/8	53 1/2	12 1/4	9 1/2	356
25	3-1	3	32 5/8	57 7/8	14 1/8	11 5/8	436
25	3	3	32 5/8	57 7/8	14 1/8	11 5/8	436
30	4-2	3	35 3/4	61	14 1/8	11 5/8	606
30	4-1	3	35 3/4	61	14 1/8	11 5/8	609
30	4	3	35 3/4	61	14 1/8	11 5/8	609
40	5-2	3	39	66 1/2	15 5/8	12	632
40	5-1	3	39	66 1/2	15 5/8	12	632
40	5	3	39	66 1/2	15 5/8	12	632
50	6-2	3	42 1/8	69 5/8	15 5/8	12	677
50	6	3	42 1/8	69 5/8	15 5/8	12	677
50	7-2	3	45 1/4	72 3/4	15 5/8	12	938
60	7	3	45 1/4	72 3/4	17 1/4	12 7/8	1113
60	8-1	3	48 1/3	75 7/8	17 1/4	12 7/8	1113



All dimensions in inches unless otherwise noted.

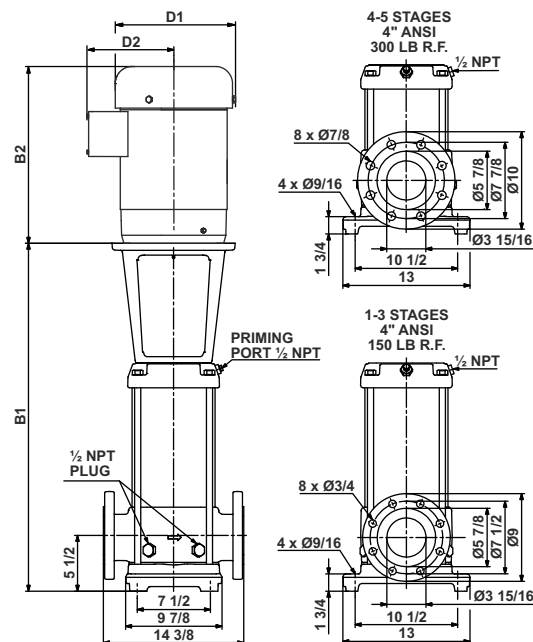
VERTICAL MULTI-STAGE PUMPS

NV-A-340, NV-B-340

DIMENSIONS

340 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
7 1/2	1-1	3	22 1/8	37	8 3/4	6 1/2	253
15	1	3	22 1/8	43	12 1/4	9 1/2	335
15	2-2	3	25 1/3	46 1/4	12 1/4	9 1/2	345
20	2-1	3	29 5/8	50 1/2	12 1/4	9 1/2	359
25	2	3	29 5/8	54 7/8	14 1/8	11 5/8	440
30	3-2	3	32 7/8	58 1/8	14 1/8	11 5/8	611
40	3-1	3	32 7/8	60 1/2	15 5/8	12	625
40	3	3	32 7/8	60 1/2	15 5/8	12	625
40	4-2	3	36 1/4	63 3/4	15 5/8	12	648
50	4-1	3	36 1/4	63 3/4	15 5/8	12	678
50	4	3	36 1/4	63 3/4	15 5/8	12	678
60	5-2	3	39 1/2	67	17 1/4	12 7/8	923



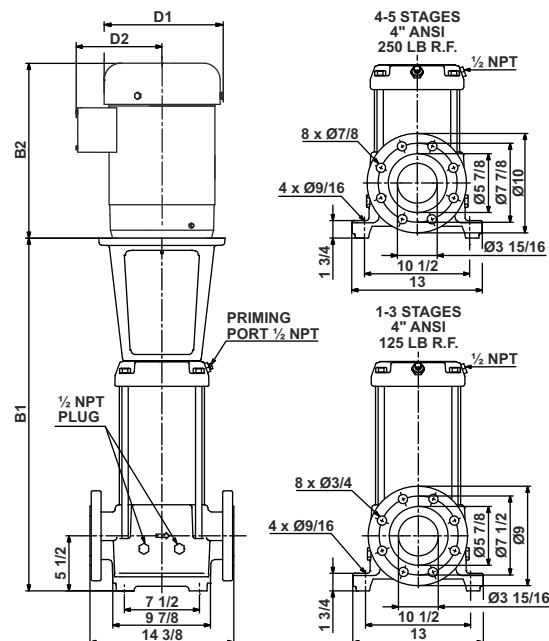
All dimensions in inches unless otherwise noted.

NV-C-340

DIMENSIONS

340 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
7 1/2	1-1	3	22 1/8	37	8 3/4	6 1/2	253
15	1	3	22 1/8	43	12 1/4	9 1/2	335
15	2-2	3	25 1/3	46 1/4	12 1/4	9 1/2	345
20	2-1	3	29 5/8	50 1/2	12 1/4	9 1/2	359
25	2	3	29 5/8	54 7/8	14 1/8	11 5/8	440
30	3-2	3	32 7/8	58 1/8	14 1/8	11 5/8	611
40	3-1	3	32 7/8	60 1/2	15 5/8	12	625
40	3	3	32 7/8	60 1/2	15 5/8	12	625
40	4-2	3	36 1/4	63 3/4	15 5/8	12	648
50	4-1	3	36 1/4	63 3/4	15 5/8	12	678
50	4	3	36 1/4	63 3/4	15 5/8	12	678
60	5-2	3	39 1/2	67	17 1/4	12 7/8	923



All dimensions in inches unless otherwise noted.

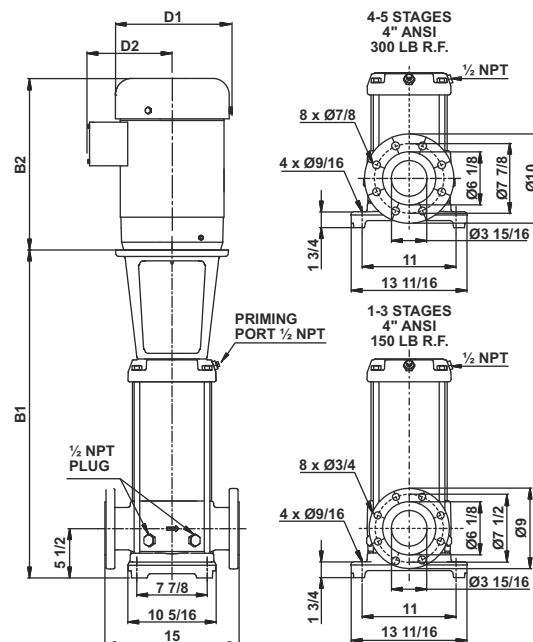
VERTICAL MULTI-STAGE PUMPS

NV-A-450, NV-B-450

DIMENSIONS

450 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
7 1/2	1-1	3	22 1/8	37	8 3/4	6 1/2	253
15	1	3	22 1/8	43	12 1/4	9 1/2	335
15	2-2	3	25 1/3	46 1/4	12 1/4	9 1/2	345
20	2-1	3	29 5/8	50 1/2	12 1/4	9 1/2	359
25	2	3	29 5/8	54 7/8	14 1/8	11 5/8	440
30	3-2	3	32 7/8	58 1/8	14 1/8	11 5/8	611
40	3-1	3	32 7/8	60 1/2	15 5/8	12	625
40	3	3	32 7/8	60 1/2	15 5/8	12	625
40	4-2	3	36 1/4	63 3/4	15 5/8	12	648
50	4-1	3	36 1/4	63 3/4	15 5/8	12	678
50	4	3	36 1/4	63 3/4	15 5/8	12	678
60	5-2	3	39 1/2	67	17 1/4	12 7/8	923



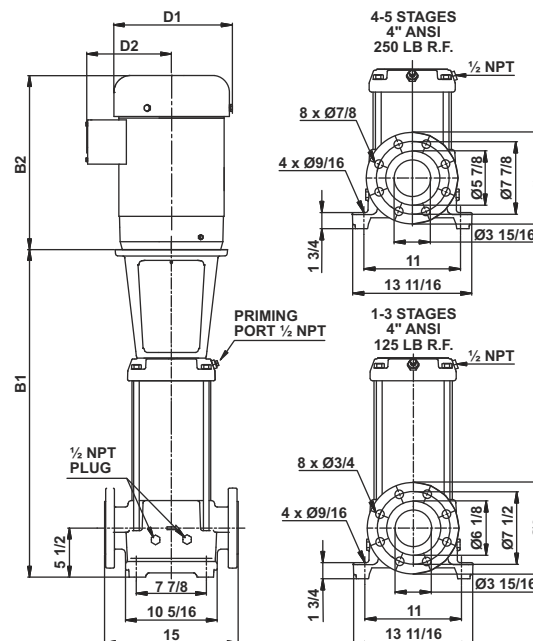
All dimensions in inches unless otherwise noted.

NV-C-450

DIMENSIONS

450 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
15	1-1	3	22 1/2	43 1/3	12 1/4	9 1/2	350
15	1	3	22 1/2	43 1/3	12 1/4	9 1/2	350
25	2-2	3	30 1/2	55 5/8	14 1/8	11 5/8	455
30	2-1	3	30 1/2	55 5/8	14 1/8	11 5/8	616
40	2	3	30 1/2	58	15 5/8	12	631
40	3-2	3	34	61 5/8	15 5/8	12	642
50	3-1	3	34	61 5/8	15 5/8	12	672
50	3	3	34	61 5/8	15 5/8	12	672
60	4-2	3	37 5/8	65 1/4	17 1/4	12 7/8	876
60	4-1	3	37 5/8	65 1/4	17 1/4	12 7/8	876

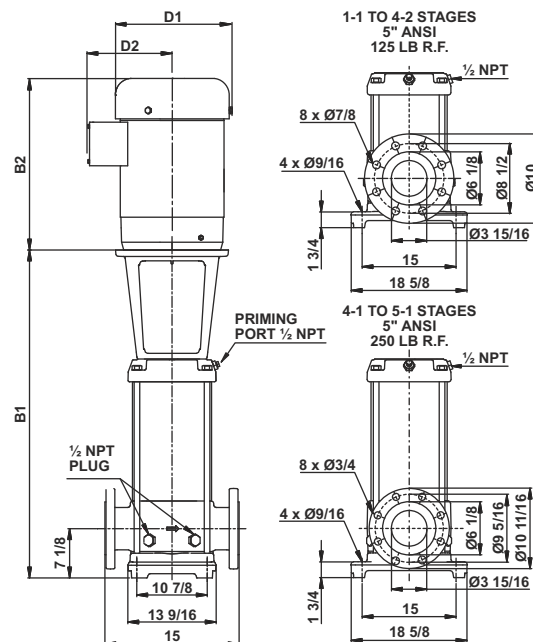


All dimensions in inches unless otherwise noted.

VERTICAL MULTI-STAGE PUMPS

NV-B-600
DIMENSIONS
600 GPM

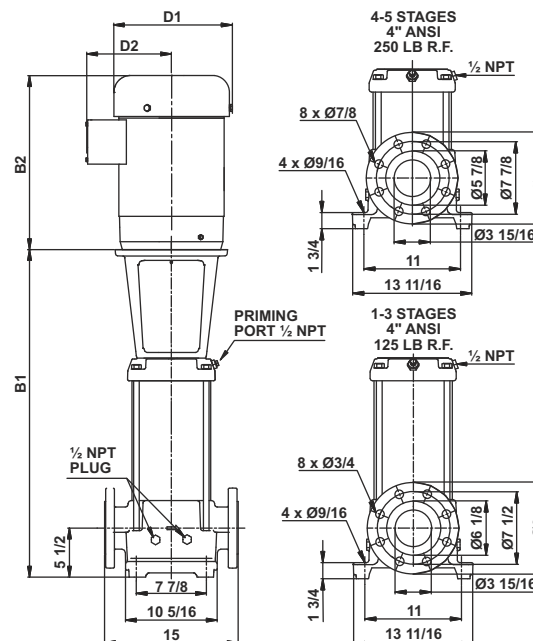
HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
20	1-1	3	32 7/8	53 3/4	12 1/4	9 1/2	468
25	1	3	32 7/8	58	14 1/8	11 5/8	507
40	2-2	3	39	66 1/2	15 5/8	12	704
40	2-1	3	39	66 1/2	15 5/8	12	704
50	2	3	39	66 1/2	15 5/8	12	735
60	3-2	3	45 1/8	72 5/8	17 1/4	12 7/8	936
60	3-1	3	45 1/8	72 5/8	17 1/4	12 7/8	936
75	3	3	45 1/8	72 5/8	19 3/8	16 1/3	1180
75	4-2	3	51 1/4	78 3/4	19 3/8	16 1/3	1199
100	4-1	3	51 1/4	78 3/4	21 1/2	17 1/2	1235
100	4	3	51 1/4	78 3/4	21 1/2	17 1/2	1235
100	5-2	3	57 3/8	84 7/8	21 1/2	17 1/2	1258
100	5-1	3	57 3/8	84 7/8	21 1/2	17 1/2	1258



All dimensions in inches unless otherwise noted.

NV-C-600
DIMENSIONS
600 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
20	1-1	3	32 7/8	53 3/4	12 1/4	9 1/2	468
25	1	3	32 7/8	58	14 1/8	11 5/8	507
40	2-2	3	39	66 1/2	15 5/8	12	704
40	2-1	3	39	66 1/2	15 5/8	12	704
50	2	3	39	66 1/2	15 5/8	12	735
60	3-2	3	45 1/8	72 5/8	17 1/4	12 7/8	936
60	3-1	3	45 1/8	72 5/8	17 1/4	12 7/8	936
75	3	3	45 1/8	72 5/8	19 3/8	16 1/3	1180
75	4-2	3	51 1/4	78 3/4	19 3/8	16 1/3	1199
100	4-1	3	51 1/4	78 3/4	21 1/2	17 1/2	1235
100	4	3	51 1/4	78 3/4	21 1/2	17 1/2	1235
100	5-2	3	57 3/8	84 7/8	21 1/2	17 1/2	1258
100	5-1	3	57 3/8	84 7/8	21 1/2	17 1/2	1258



All dimensions in inches unless otherwise noted.

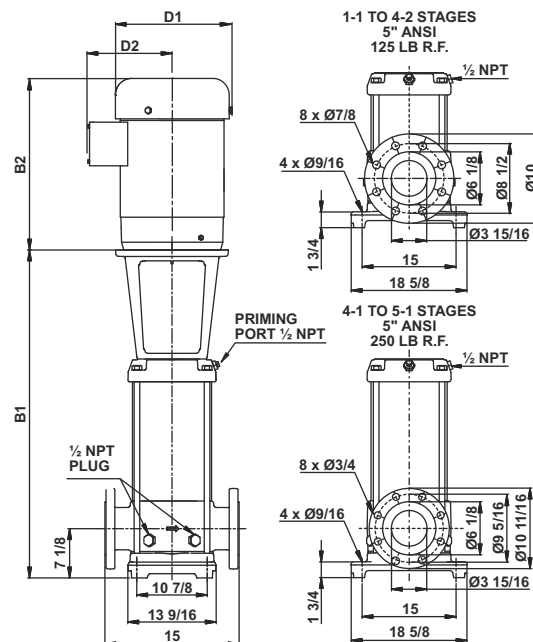
VERTICAL MULTI-STAGE PUMPS

NV-B-750

DIMENSIONS

750 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
25	1-1	3	32 7/8	58	14 1/8	11 5/8	507
30	1	3	32 7/8	58	14 1/8	11 5/8	669
40	2-2	3	39	66 1/2	15 5/8	12	705
50	2-1	3	39	66 1/2	15 5/8	12	735
60	2	3	39	66 1/2	17 1/4	12 7/8	915
75	3-2	3	45	72 5/8	19 3/8	16 1/3	1178
75	3-1	3	45	72 5/8	19 3/8	16 1/3	1178
100	3	3	45	72 5/8	21 1/2	17 1/2	1215
100	4-2	3	51 1/4	78 3/4	21 1/2	17 1/2	1236
100	4-1	3	51 1/4	78 3/4	21 1/2	17 1/2	1236



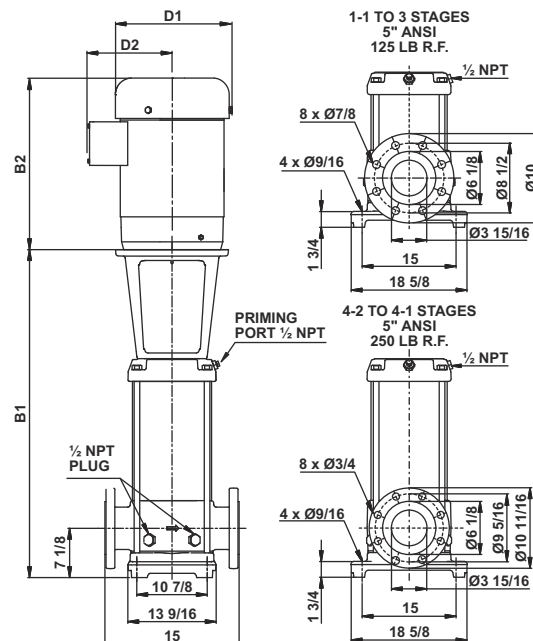
All dimensions in inches unless otherwise noted.

NV-C-750

DIMENSIONS

750 GPM

HP	STAGES	PH	ANSI dimensions [inch]				PUMP WEIGHT [lbs]
			B1	B1+B2	D1	D2	
25	1-1	3	32 7/8	58	14 1/8	11 5/8	507
30	1	3	32 7/8	58	14 1/8	11 5/8	669
40	2-2	3	39	66 1/2	15 5/8	12	705
50	2-1	3	39	66 1/2	15 5/8	12	735
60	2	3	39	66 1/2	17 1/4	12 7/8	915
75	3-2	3	45	72 5/8	19 3/8	16 1/3	1178
75	3-1	3	45	72 5/8	19 3/8	16 1/3	1178
100	3	3	45	72 5/8	21 1/2	17 1/2	1215
100	4-2	3	51 1/4	78 3/4	21 1/2	17 1/2	1236
100	4-1	3	51 1/4	78 3/4	21 1/2	17 1/2	1236



All dimensions in inches unless otherwise noted.



Northam Inc.

995/C Griffin Pond Road, Clarks Summit, PA 18411, USA
Phone : +1-570-659-7200, Email : sales@northam-inc.com

Product Improvement and changes are a continuous process at 'Northam'. The data given in this publication is therefore subject to revision.