

SERVING THE MARINE INDUSTRY SINCE 1947

*Byrne
Rice
and Turner
INC.*

burks® PRODUCT LINE

CONTENTS

REGENERATIVE TURBINE PUMPS — CLOSE-COUPLED & BASE-MOUNTED MODELS	3
REGENERATIVE TURBINE PUMP SERIES	4
SERIES G6-1 1/2 THRU 4G9-4F.....	5-6
SERIES GNA, GNB, GNC — 60 Hz & 50 Hz PERFORMANCE	7-8
SERIES GNA, GNB, GNC — FEATURES	9
SERIES GNA — PUMP ONLY AND PUMP, MOTOR & COUPLING — BASE MOUNTED DIMENSIONS	10
SERIES GNB, GNC — PUMP ONLY DIMENSIONS	11
SERIES GNB, GNC — PUMP, MOTOR & COUPLING — BASE MOUNTED DIMENSIONS.....	12-13
SERIES GNB, GNC — PUMP ONLY W/ FLANGED CASING DIMENSIONS	14
SERIES GNB, GNC — PUMP W/ FLANGED CASING, MOTOR & COUPLING — BASE MOUNTED DIMENSIONS	15-16
SERIES GNA, GNB — 60 Hz PERFORMANCE.....	17
SERIES GNB — 60 Hz PERFORMANCE.....	18-21
SERIES GNB, GNC — 60 Hz PERFORMANCE.....	22
SERIES GNB — 60 Hz PERFORMANCE.....	23
SERIES GNB, GNC — 60 Hz PERFORMANCE.....	24-27
SERIES GNA, GNB — 50 Hz PERFORMANCE.....	28
SERIES GNB — 50 Hz PERFORMANCE.....	29-32
SERIES EGNB, GNC — 50 Hz PERFORMANCE	33
SERIES GNB — 50 Hz PERFORMANCE.....	34
SERIES GNB, GNC — 50 Hz PERFORMANCE.....	35-38
SERIES ES	39
SERIES ES — 60 Hz PERFORMANCE.....	40
SERIES ES — 50 Hz PERFORMANCE.....	41
SERIES ET	42
SERIES ET — 60 Hz PERFORMANCE.....	43

“Life’s tragedy is that we get old too soon and wise too late.”

—Benjamin Franklin

REGENERATIVE TURBINE PUMPS — CLOSE-COUPLED & BASE-MOUNTED MODELS

Burks Turbine Pumps...

Designed for Low Maintenance and Long Service Life

Burks Turbine Pumps are unique in design and different from all other regenerative turbine pumps. An integral part of their unique design is the Life-Lok® feature that provides a way to externally adjust the clearance between the impeller and raceway. Burks is the only regenerative turbine pump that has this feature. This adjustment is used for precise setting of pump performance during production testing.

Life-Lok® makes the Burks Turbine Pump field adjustable. Because of the low-flow, high head characteristics of the regenerative turbine, the pump pressure may be adjusted when necessary to match critical system requirements without appreciably changing the flow rate. Life-Lok® also allows pump performance to be restored to "like new" after years of service, greatly extending pump life.

Burks Regenerative Turbine Pumps offer high pressures and low-flow capacities impossible for other single-stage pumps of similar size.

Life-Lok® External Adjustment

The adjusting screw is located in the bearing frame on Base-Mounted Pumps and in the shaft extension end of the motor on Close-Coupled Pumps. A positive pre-load spring pressure is applied to the pump shaft bearing and, in turn, is transmitted to the adjusting screw. This controlled pressure eliminates bearing end play and provides a means for external adjustment of the clearance between the impeller and raceway.

**Capacities to 91 GPM
Heads to 350 Feet**

FEATURES:

- Standard Bronze Fitted
- All Bronze
- Stainless Steel



Series EC & ED



Series CR



Series CS

"It takes many good deeds to build a good reputation, and only one bad one to lose it."

—Benjamin Franklin



brtmarine.com

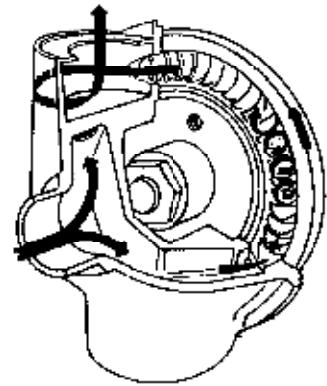
800-725-3787

PROUD DISTRIBUTOR OF
burks®

REGENERATIVE TURBINE PUMP SERIES

How It Works...

Clearance between the impeller and raceway is pre-set at the factory on production test. The pump starts under virtually no load. The impeller takes up its load gradually as the motor comes up to speed. Water enters the pump through a suction port in the raceway and is directed to the rotating impeller by means of channels in the raceway. The water is picked up by the blades of the rotating impeller and is literally pushed in a spiraling motion through the raceway channel. Each impeller blade imparts additional energy to the water as it is propelled to the raceway cut-off. The energized fluid is then discharged through the raceway by means of a cut-off or water block which is built into the raceway. The discharge is directed into a built-in vortex pocket in the raceway which separates air from the fluid being pumped.



Designed for Versatile, High Performance

Applications

Burks Turbine Pumps are designed for pumping any clean, non-corrosive, non-abrasive lower viscosity liquid on low-flow, high-head applications. They are used in a wide range of industries on applications such as...

Feed/Transfer

- High-temperature water and oil heat transfer
- Boiler feed and condensate return

Circulation

- Hot and cold water circulation
- Brine recirculation
- Hydraulic oil circulation

Metering

- Additive metering
- Hot water spray

Pressure Maintenance

- Jockey pumps
- Pressure boosting

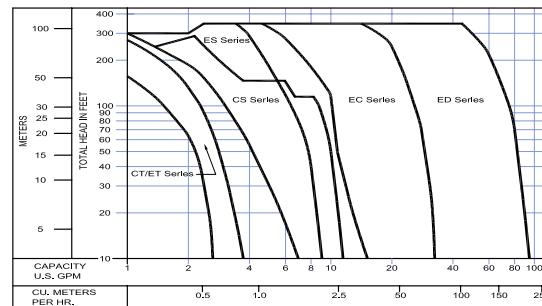
These are just a few of the most common applications. The durable materials of construction, long service life, and low maintenance design make the Burks Turbine an excellent choice for numerous clean water applications.

Pump Performance

Performance Envelope:

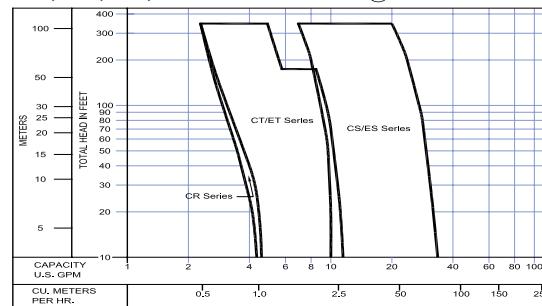
CT, ET, CS, ES Series @ 1725 RPM

EC, ED Series @ 1750 RPM



Performance Envelope:

CR, CT, CS, ET and ES Series @ 3450 RPM



“Lost time is never found again.”

—Benjamin Franklin

PROUD DISTRIBUTOR OF

burks®

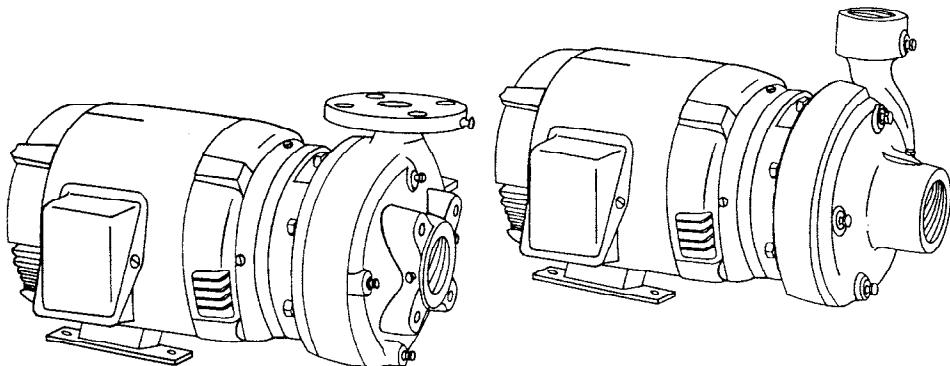
brtmarine.com

800-725-3787



SERIES G6-1 1/2 THRU 4G9-4F

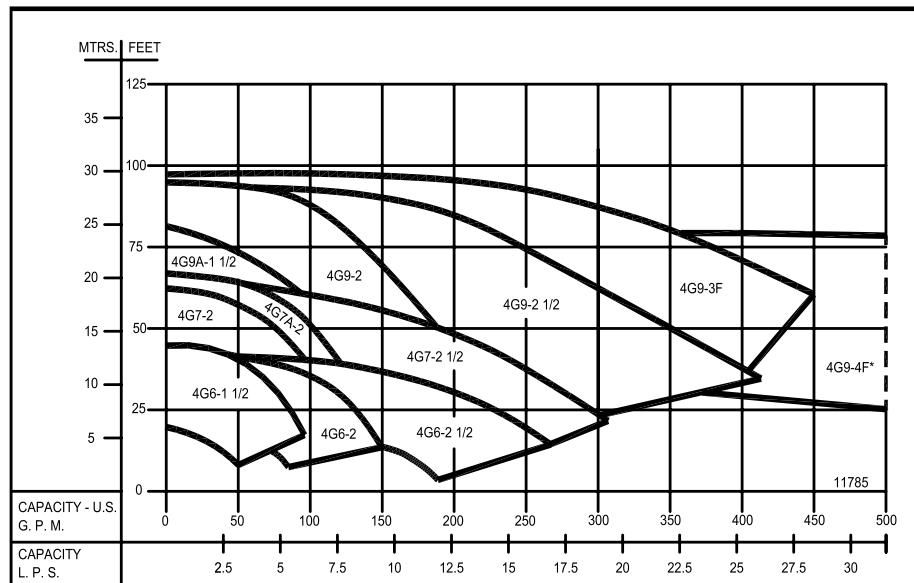
Close Coupled End Suction



1750 RPM - 60Hz.

CAPACITIES TO 1100 GPM (69.4 LPS)
HEADS TO 95 FEET (29 M)

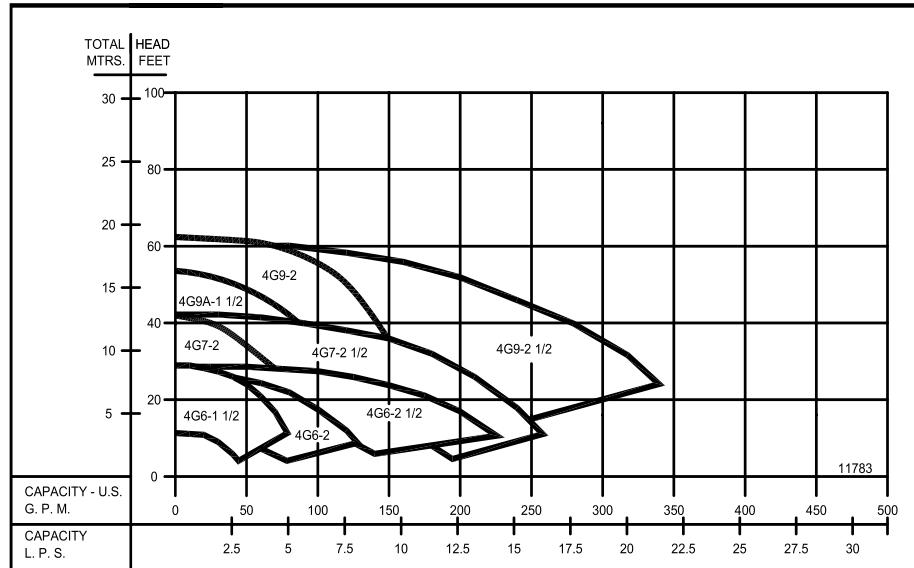
* FOR CAPACITIES ABOVE 500 GPM
SEE 4G9-4F CURVE.



1450 RPM - 50Hz.

CAPACITIES TO 340 GPM (21.5 LPS)
HEADS TO 63 FEET (19 M)

Individual performance curves should be checked for final selection.



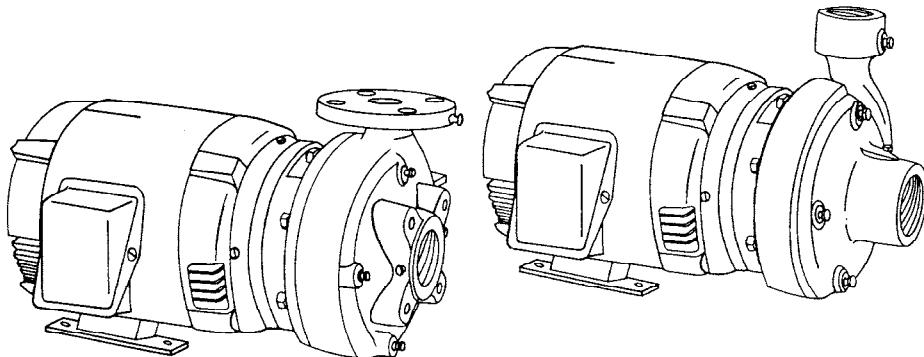
brtmarine.com

800-725-3787

PROUD DISTRIBUTOR OF
burks®

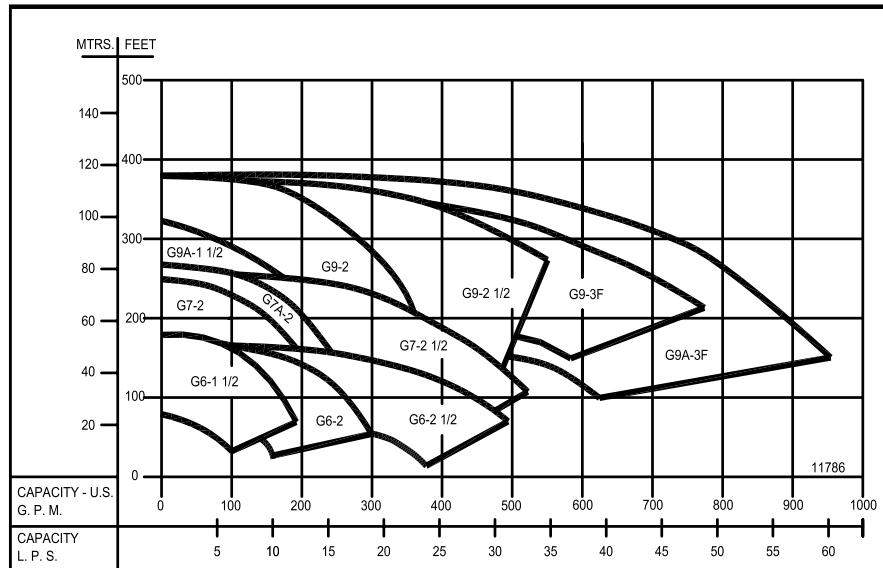
SERIES G6-1 1/2 THRU 4G9-4F

Close Coupled End Suction



3500 RPM - 60Hz.

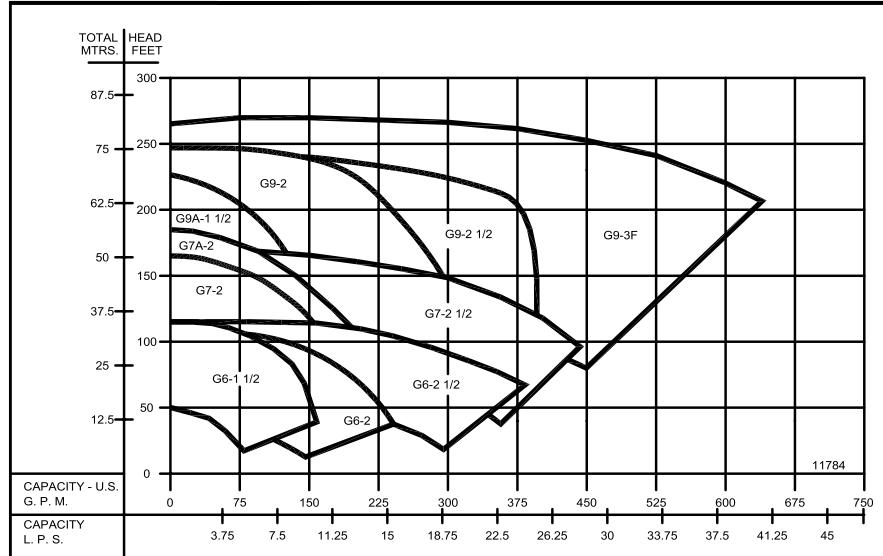
CAPACITIES TO 960 GPM (60.6 LPS)
HEADS TO 380 FEET (116 M)



2900 RPM - 50Hz.

CAPACITIES TO 630 GPM (39.7 LPS)
HEADS TO 265 FEET (80.8 M)

Individual performance curves should be checked for final selection.



PROUD DISTRIBUTOR OF
burks®

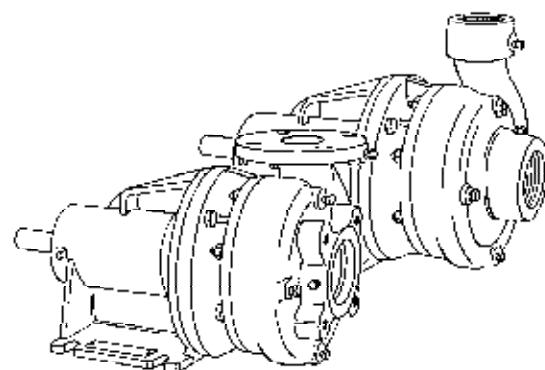
brtmarine.com

800-725-3787



SERIES GNA, GNB, GNC — 60 Hz & 50 Hz PERFORMANCE

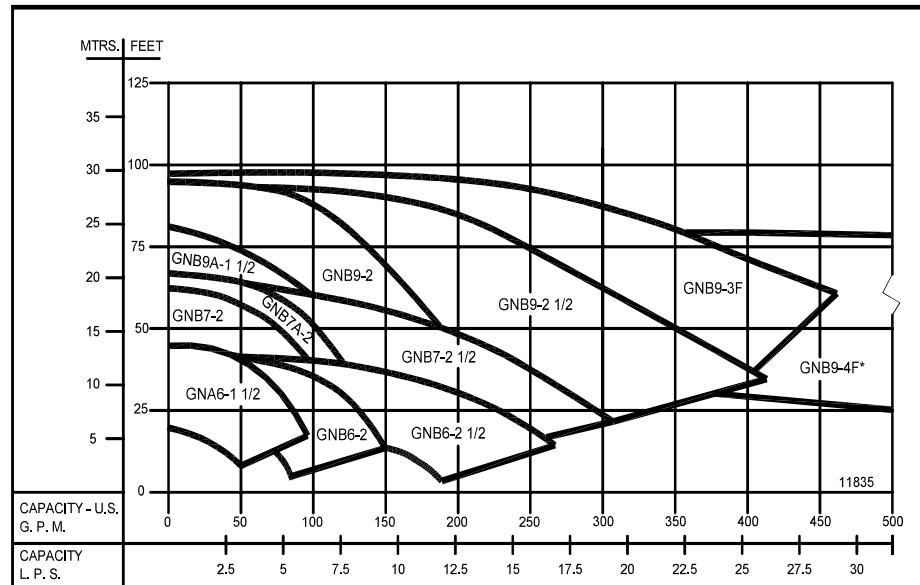
Frame Mounted End Suction



1750 RPM - 60Hz.

CAPACITIES TO 1100 GPM (69.4 LPS)
HEADS TO 95 FEET (29 M)

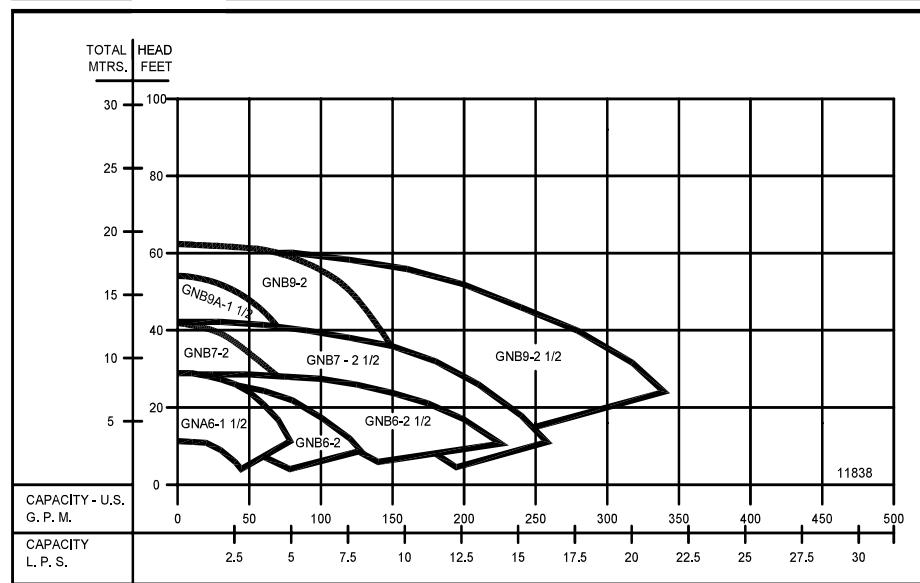
(*) FOR CAPACITIES ABOVE 500 GPM
SEE GNB9-4F CURVE.



1450 RPM - 50Hz.

CAPACITIES TO 340 GPM (21.5 LPS)
HEADS TO 62 FEET (19 M)

Individual performance curve should be checked for final selection.



brtmarine.com

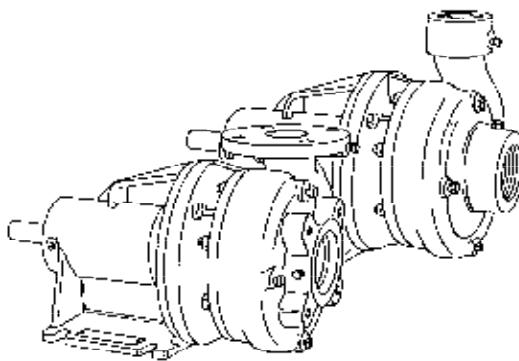
800-725-3787

PROUD DISTRIBUTOR OF
burks®

SERIES GNA, GNB, GNC – 60 Hz & 50 Hz PERFORMANCE

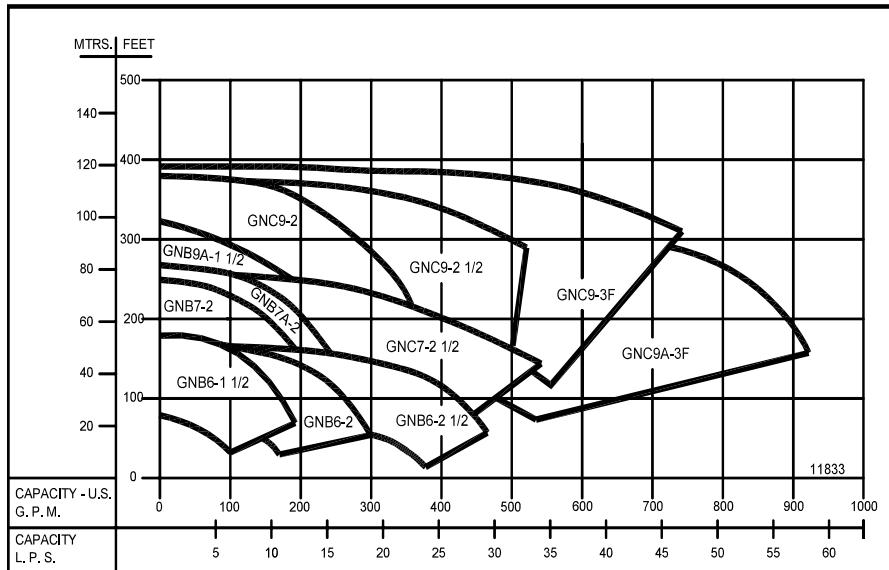
BR

Frame Mounted End Suction



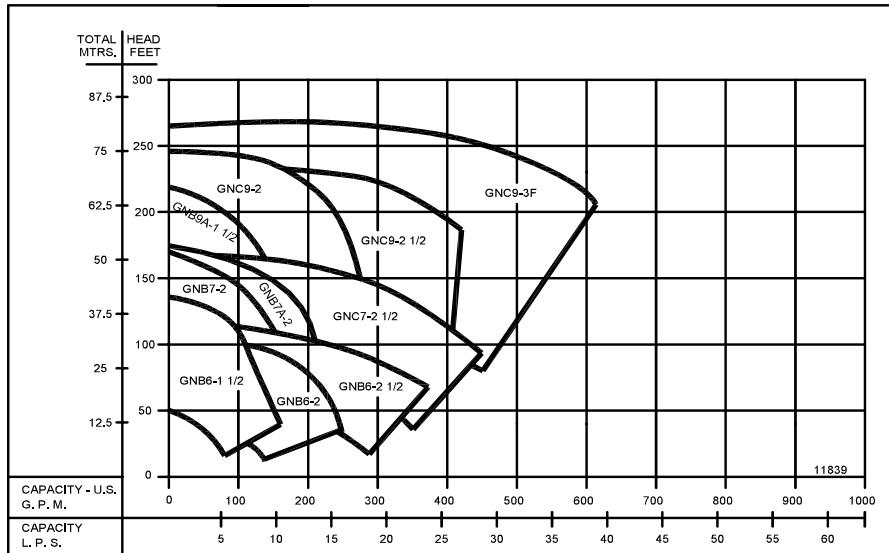
3500 RPM - 60Hz.

CAPACITIES TO 960 GPM (60.6 LPS)
HEADS TO 380 FEET (116 M)



2900 RPM - 50Hz.

CAPACITIES TO 640 GPM (40.4 LPS)
HEADS TO 270 FEET (82.3 M)



Individual performance curve should be checked for final selection.

PROUD DISTRIBUTOR OF
burks®

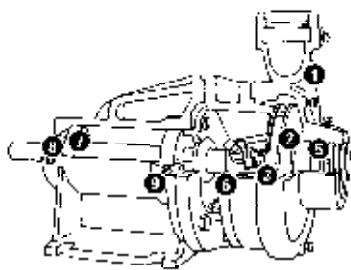
brtmarine.com

800-725-3787



SERIES GNA, GNB, GNC — FEATURES

Frame Mounted End Suction



1. RADIAL SPLIT CASING DESIGN

Casing is close grain iron of 30,000 p.s.i. minimum tensile strength. Back pull-out design eliminates the need to disturb piping should the pump ever require service - the casing stays in the line. Centerline discharge. Stud mounted casing assures positive alignment and allows rotation of discharge to eight different positions. Openings are provided for test gauges, for venting and for draining the pump.

2. ENCLOSED BRONZE IMPELLER

Enclosed bronze impeller is of latest hydraulic design for maximum efficiency. It is balanced for vibration free operation. Precision fit to shaft and double-locked with key and cap screw.

3. MECHANICAL SHAFT SEAL

Mechanical Shaft Seal is self-adjusting for temperatures up to 225°F (107°C) and pressures to 150 psi (1034kpa). Has ceramic seat and carbon seal faces for long trouble-free service. Special seals are available for higher temperatures and fluids other than water. Tapped opening is provided in the seal chamber for flushing seal faces.

MAXIMUM OPERATING CONDITIONS

Pumping Speed	3500 & 2900 RPM	1750 & 1450 RPM
Horsepower with "A" Power Frame	N/A	1 HP
Horsepower with "B" Power Frame	20 HP	15 HP
Horsepower with "C" Power Frame	75 HP	N/A
Pumping Temperature*	225°F (107°C)	
Inlet Pressure	100 PSI (690kpa)	
Case Working Pressure	200 PSI (1379kpa)	

* FOR STANDARD BUNA-N SEAL

MATERIALS OF CONSTRUCTION

Part	Bronze Fitted	All Bronze	All Iron
Adapter	Cast Iron	Bronze	Cast Iron
Casing	Cast Iron	Bronze	Cast Iron
Casing Wear Ring	Bronze	Bronze	Steel
Shaft	Steel	Steel	Steel
Shaft Sleeve	Bronze	Bronze	#316 Stainless
Impeller	Bronze	Bronze	Cast Iron
Shaft Seal	Carbon-Ceramic SS - Buna-N	Carbon-Ceramic SS - Buna-N	Carbon-Ceramic SS - Buna-N

WARNING:



CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

SUCTION & DISCHARGE SIZES

* SERIES	SUCTION (in)	DISCHARGE (in)
GNA6-1-1/2	2	1-1/2
GNB6-1-1/2	2	1-1/2
GNB6-2 & 2F	2-1/2	2
GNB6-2-1/2 & 2-1/2F	3	2-1/2
GNB7-2 & 2F	2-1/2	2
GNB7A-2 & 2F	2-1/2	2
GNB7-2-1/2 & 2-1/2F	3	2-1/2
GNC7-2-1/2 & 2-1/2F	3	2-1/2
GNB9A-1-1/2	2	1-1/2
GNB9-2 & 2F	2-1/2	2
GNC9-2 & 2F	2-1/2	2
GNB9-2-1/2 & 2-1/2F	3	2-1/2
GNC9-2-1/2 & 2-1/2F	3	2-1/2
GNB9-3F	4	3
GNC9-3F	4	3

*F Suffix Denotes ANSI 125# Flat Face Flanges

4. COUPLING GUARD (NOT SHOWN)

Furnished on all complete Base-Mounted units manufactured by Burks Pumps. Not furnished with purchase of pump only, but required.

5. REPLACEABLE CASING WEAR RING

Prevents wear on casing and is easy to replace.

6. GASKETED BRONZE SLEEVE

Gasketed Bronze Sleeve on GNB and GNC power frames protects the shaft against wear and corrosion. Shaft on GNA power frame in #316 Stainless Steel.

7. BEARINGS

Grease lubricated ball bearings provide two years minimum service at maximum load. Average bearing life is five times minimum. Wide bearing spacing provides solid shaft support.

8. OIL SEALS

Protect both bearings.

9. CONVENIENT RELUBRICATION

Tapped and plugged openings are conveniently located for easy relubrication of power frame.

10. FACTORY TESTED

After careful assembly and inspection, EVERY pump is factory tested and will meet Hydraulic Institute standards.

FOR TEMPERATURES TO 500°F (260°C).

All models, with the exception of the GNA6-1-1/2, GNA7-2-1/2 and all GN9 series pumps are available in a Jacketed Seal Cavity design for pumping hot oil, hot water and heat transfer fluids in common use in high temperature heating or cooling applications. This feature greatly extends seal life in high temperature applications. To order, add suffix "MJ" to pump catalog number for temperatures below 400°F (204°C) and add suffix "MJK" to pump catalog number for temperatures over 400°F (204°C). Example: GNA5-11/2MJ. See Section on High Temperature Pumps for more information.



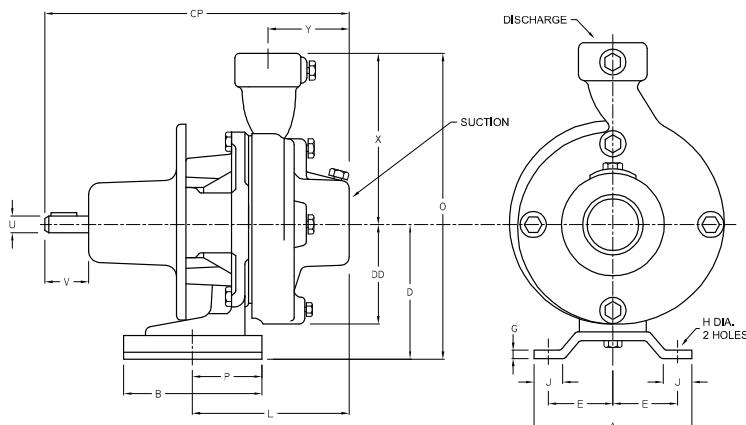
brtmarine.com

800-725-3787

PROUD DISTRIBUTOR OF
burks®

SERIES GNA — PUMP ONLY AND PUMP, MOTOR & COUPLING — BASE MOUNTED DIMENSIONS

Frame Mounted End Suction

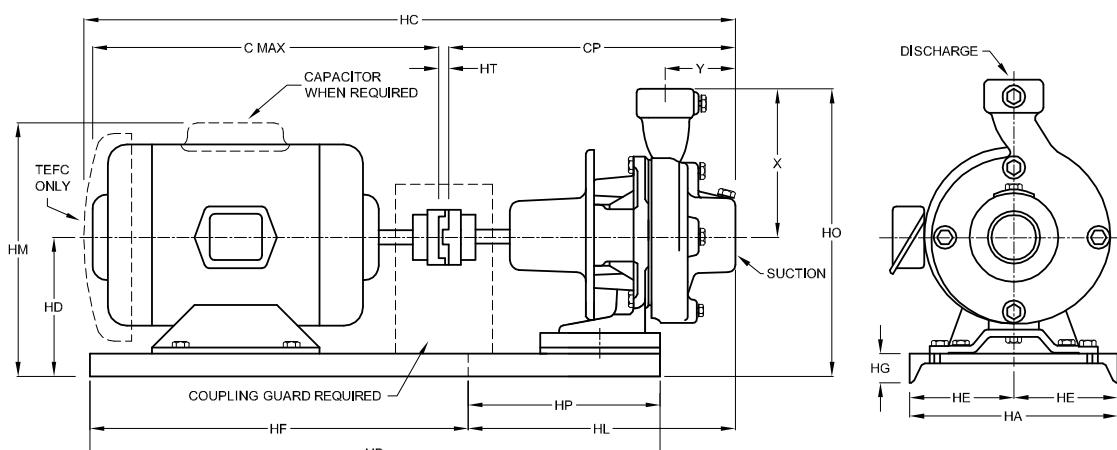


DIMENSIONS IN INCHES

MODEL	DISC.	SUCT.	A	B	CP	D	DD	E	G	H	J	L	O	P	U	V	X	Y
GNA6-1½	1½	2	5	4	10½	5½	4½	11½	¼	¾	1½	5¾	12½	1¼	¾	11½	7¼	2¾

DIMENSIONS IN MILLIMETERS

MODEL	DISC. (in)	SUCT. (in)	A	B	CP	D	DD	E	G	H	J	L	O	P	U	V	X	Y
GNA6-1½	1½	2	127	102	270	135	105	49	6.3	14	29	149	319	44	16	43	184	70



DIMENSIONS IN INCHES

MODEL	MOTOR FRAME	Disc.	Suct.	C*	CP	HA	HB	HC*	HD	HE	HF	HG	HH	HL	HM	HO	HP	HT	X	Y
GNA6-1½	56	1½	2	12½	10½	8	20¼	23½	7½	3	14¾	2½	11½	8¾	13½	15½	4¾	¼	7¼	2¾
	143T 145T			13½	10½	8	20¼	24½	7½	3	14¾	2½	11½	8¾	9½	15½	4¾	¼	7¼	2¾

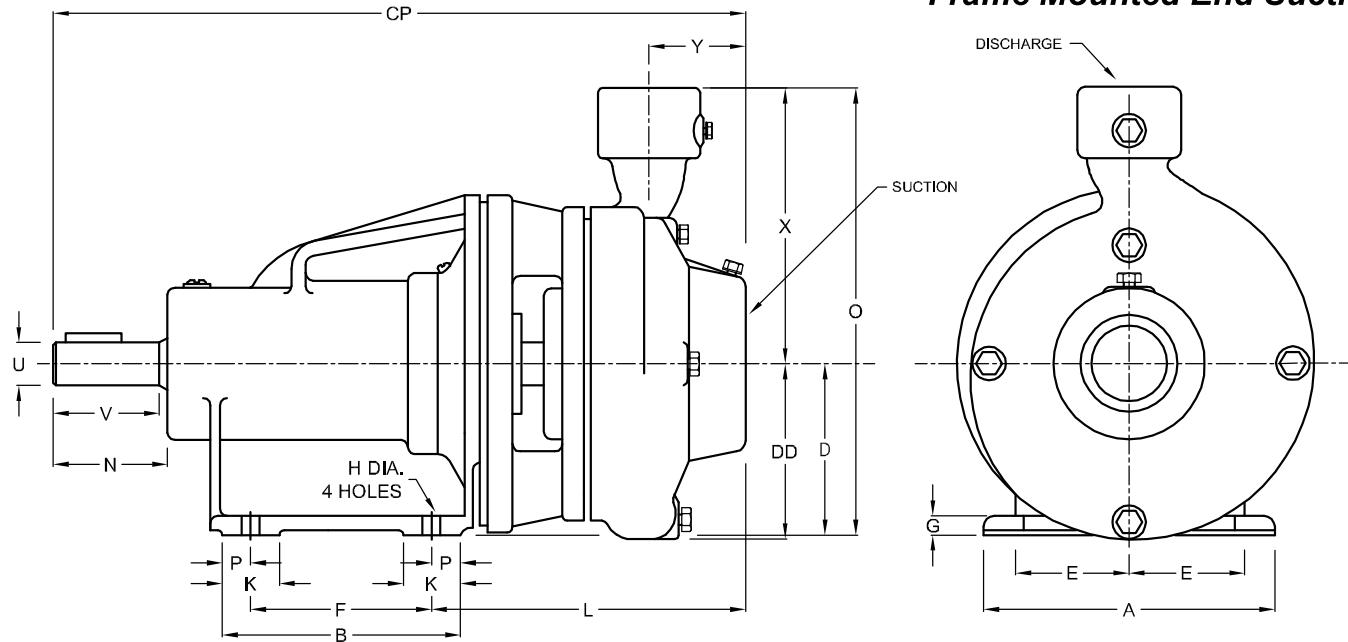
DIMENSIONS IN MILLIMETERS

MODEL	MOTOR FRAME	Disc.	Suct.	C*	CP	HA	HB	HC*	HD	HE	HF	HG	HH	HL	HM	HO	HP	HT	X	Y
GNA6-1½	56	1½	2	313	270	203	514	589	198	76	378	64	17	219	333	383	111	6.3	184	70
	143T 145T			344	270	203	514	621	198	76	378	64	17	219	251	383	111	6.3	184	70

(*) Maximum - Varies with Enclosure, HP and Motor Manufacturer.

SERIES GNB, GNC — PUMP ONLY DIMENSIONS

Frame Mounted End Suction



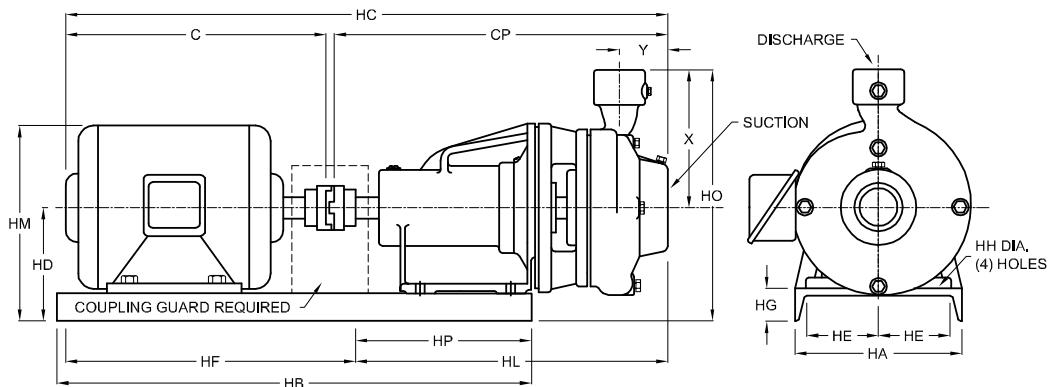
DIMENSIONS IN INCHES																				
MODEL	DISC.	SUCT.	A	B	CP	D	DD	E	F	G	H	K	L	N	O	P	U	V	X	Y
GNB6-1½	1½	2	8	6½	18¾	4½	4⅓	3⅓₁₆	5	½	⁵₈	1½	8¾₁₆	2¾	11¾	¾	1⅓	2⅓₁₆	7¼	2¾
GNB6-2	2	2½	8	6½	18½	4½	4¾₁₆	3⅓₁₆	5	½	⁵₈	1½	8½₁₆	2½	12	¾	1⅓	2⅓₁₆	7½	2½
GNB6-2½	2½	3	8	6½	19¾₁₆	4½	4¾₈	3⅓₁₆	5	½	⁵₈	1½	9	2¾	12¾	¾	1⅓	2⅓₁₆	8¼	3½₁₆
GNB7-2 GNB7A-2	2	2½	8	6½	19¾₈	4½	5	3⅓₁₆	5	½	⁵₈	1½	9¾₁₆	2¾	12¾	¾	1⅓	2⅓₁₆	8¼	¾
GNB7-2½	2½	3	8	6½	19¾₈	4½	5½	3⅓₁₆	5	½	⁵₈	1½	9½	2½	13¾	¾	1⅓	2⅓₁₆	9½	¾
GNB9A-1½	1½	2	8	6½	18¹¹₁₆	4½	5¹³₁₆	3⅓₁₆	5	½	⁵₈	1½	8½	2½	13½	¾	1⅓	2⅓₁₆	9	3¹¹₁₆
GNB9-2	2	2½	8	6½	19¹³₁₆	4½	5¹⁵₁₆	3⅓₁₆	5	½	⁵₈	1½	9⁵₈	2½	14½	¾	1⅓	2⅓₁₆	9½	4
GNB9-2½	2½	3	8	6½	19¹⁷₁₆	4½	6¹₁₆	3⅓₁₆	5	½	⁵₈	1½	9½	2½	15	¾	1⅓	2⅓₁₆	10½	¾
GNC7-2½	2½	3	8	6¾	22	7	5½	3⅓₁₆	5	½	⁵₈	1¾	10½	4	14¾	¾	1¾	3¾	9½	¾
GNC9-2	2	2½	8	6¾	23	7	5¹⁵₁₆	3⅓₁₆	5	½	⁵₈	1¾	11½	4	15½	¾	1¾	3¾	9½	4
GNC9-2½	2½	3	8	6¾	22½	7	6¹₁₆	3⅓₁₆	5	½	⁵₈	1¾	10¾	4	17½	¾	1¾	3¾	10½	¾

DIMENSIONS IN MILLIMETERS																				
MODEL	DISC. (in)	SUCT. (in)	A	B	CP	D	DD	E	F	G	H	K	L	N	O	P	U	V	X	Y
GNB6-1½	1½	2	203	165	467	114	105	90	127	13	16	38	208	73	298	19	28	68	184	70
GNB6-2	2	2½	203	165	470	114	113	90	127	13	16	38	211	73	305	19	28	68	191	71
GNB6-2½	2½	3	203	165	487	114	124	90	127	13	16	38	229	73	324	19	28	68	210	84
GNB7-2 GNB7A-2	2	2½	203	165	492	114	127	90	127	13	16	38	233	73	324	19	28	68	210	95
GNB7-2½	2½	3	203	165	492	114	140	90	127	13	16	38	232	73	349	19	28	68	235	89
GNB9A-1½	1½	2	203	165	475	114	148	90	127	13	16	38	216	73	343	19	28	68	228	78
GNB9-2	2	2½	203	165	503	114	151	90	127	13	16	38	244	73	359	19	28	68	244	102
GNB9-2½	2½	3	203	165	494	114	154	90	127	13	16	38	235	73	381	19	28	68	267	89
GNC7-2½	2½	3	203	171	559	178	140	90	127	13	16	44	267	102	375	22	35	95	235	89
GNC9-2	2	2½	203	171	584	178	151	90	127	13	16	44	286	102	397	22	35	95	244	102
GNC9-2½	2½	3	203	171	572	178	154	90	127	13	16	44	273	102	445	22	35	95	267	89



SERIES GNB, GNC – PUMP, MOTOR & COUPLING – BASE MOUNTED DIMENSIONS

Frame Mounted End Suction



DIMENSIONS IN INCHES																				
MODEL	MOTOR FRAME	Disc.	Suct.	C*	CP	HA	HB	HC*	HD	HE	HF	HG	HH	HL	HM	HO	HP	HT	X	Y
GNB6-1½	56	1½	2	12½ ₁₆	18¾	10	25¼	30 ₁₆	7	4	15½	2½	1½ ₁₆	15¾	11¾	14¼	8¾	¼	7¼	2¾
	143T/145T	1½	2	13¾ ₁₆	18¾	10	25¼	32¾ ₁₆	7	4	15½	2½	1½ ₁₆	15¾	10¾	14¼	8¾	¼	7¼	2¾
	182T/184T	1½	2	16½ ₁₆	18¾	10	28¼	35¾ ₁₆	7	4	18½	2½	1½ ₁₆	15¾	11¾ ₁₆	14¼	8¾	¼	7¼	2¾
	213T/215T	1½	2	20½	18¾	12	32	39¾	7¾	5	30	2½	1½ ₁₆	8½	13½	15	1	¼	7¼	2¾
GNB6-2	56	2	2½	12½ ₁₆	18½	10	25¼	39¾ ₁₆	7	4	15½	2½	1½ ₁₆	16	11¾	14½	8¾	¼	7½	2½ ₁₆
	143T/145T	2	2½	13¾ ₁₆	18½	10	25¼	32½ ₁₆	7	4	15½	2½	1½ ₁₆	16	10¾	14½	8¾	¼	7½	2½ ₁₆
	182T/184T	2	2½	16½ ₁₆	18½	10	28¼	35¾ ₁₆	7	4	18½	2½	1½ ₁₆	16	11¾ ₁₆	14½	8¾	¼	7½	2½ ₁₆
	213T/215T	2	2½	20½	18½	12	32	39¾ ₁₆	7¾	5	30	2½	1½ ₁₆	8½	12½ ₁₆	15½	1	¼	7½	2½ ₁₆
GNB6-2½	56	2½	3	12½ ₁₆	19¾ ₁₆	10	25¼	32½	7	4	15½	2½	1½ ₁₆	16½ ₁₆	11¾	15¼	8¾	¼	8½	3½ ₁₆
	143T/145T	2½	3	13¾ ₁₆	19¾ ₁₆	10	25¼	33	7	4	15½	2½	1½ ₁₆	16½ ₁₆	10¾	15¼	8¾	¼	8½	3½ ₁₆
	182T/184T	2½	3	16½ ₁₆	19¾ ₁₆	10	28¼	36½ ₁₆	7	4	18½	2½	1½ ₁₆	16½ ₁₆	11¾ ₁₆	15¼	8¾	¼	8½	3½ ₁₆
	213T/215T	2½	3	20½	19¾ ₁₆	12	32	39½ ₁₆	7¾	5	30	2½	1½ ₁₆	8½ ₁₆	12½ ₁₆	16	1	¼	8½	3½ ₁₆
	254T/256T	2½	3	24½	19¾ ₁₆	14	36½	44½ ₁₆	8¾	6	34½	2½	1½ ₁₆	8½ ₁₆	14¾	17	1	¼	8½	3½ ₁₆
GNB7-2 GNB7A-2	56	2	2½	12½ ₁₆	19¾	10	25¼	32½ ₁₆	7	4	15½	2½	1½ ₁₆	16¾	11¾	15¼	8¾	¼	8½	3¾
	143T/145T	2	2½	13¾ ₁₆	19¾	10	25¼	33½ ₁₆	7	4	15½	2½	1½ ₁₆	16¾	10¾	15¼	8¾	¼	8½	3¾
	182T/184T	2	2½	16½ ₁₆	19¾	10	28¼	36½ ₁₆	7	4	18½	2½	1½ ₁₆	16¾	11¾ ₁₆	15¼	8¾	¼	8½	3¾
	213T/215T	2	2½	20½	19¾	12	32	40½ ₁₆	7¾	5	30	2½	1½ ₁₆	9½	12½ ₁₆	16	1	¼	8½	3¾
GNB7-2½	254T/256T	2	2½	24½	19¾	14	36½	44½ ₁₆	8¾	6	34½	2½	1½ ₁₆	9½	14¾	17	1	¼	8½	3¾
	143T/145T	2½	3	13½ ₁₆	19¾	10	25¼	33½ ₁₆	7	4	18½	2½	1½ ₁₆	16½ ₁₆	10¾	14¾	8¾	¼	9½	3½
GNB9A-1½	182T/184T	2½	3	16½ ₁₆	19¾	10	28¼	36½ ₁₆	7	4	18½	2½	1½ ₁₆	16½ ₁₆	11½ ₁₆	16	8¾	¼	9	3½ ₁₆
	56	1½	2	12½ ₁₆	18½ ₁₆	10	25¼	31	7	4	15½	2½	1½ ₁₆	16½ ₁₆	11¾	16	8¾	¼	9	3½ ₁₆
	143T/145T	1½	2	13½ ₁₆	18½ ₁₆	10	25¼	32½	7	4	15½	2½	1½ ₁₆	16½ ₁₆	10¾	16	8¾	¼	9	3½ ₁₆
	182T/184T	1½	2	16½ ₁₆	18½ ₁₆	10	28¼	35%	7	4	18½	2½	1½ ₁₆	16½ ₁₆	11½ ₁₆	16	8¾	¼	9	3½ ₁₆
	213T/215T	1½	2	20½	18½ ₁₆	12	32	39½ ₁₆	7¾	5	30	2½	1½ ₁₆	8½ ₁₆	12½ ₁₆	16¾	1	¼	9	3½ ₁₆
GNB9-2	254T/256T	1½	2	24½	18½ ₁₆	14	36½	43½ ₁₆	8¾	6	34½	2½	1½ ₁₆	8½ ₁₆	14¾	17¾	1	¼	9	3½ ₁₆
	143T/145T	2	2½	13½ ₁₆	19¾	10	25¼	33½ ₁₆	7	4	15½	2½	1½ ₁₆	17½ ₁₆	10¾	15¾	8¾	¼	9½	4
GNB9-2½	182T/184T	2	2½	16½ ₁₆	19¾	10	28¼	36½ ₁₆	7	4	18½	2½	1½ ₁₆	17½ ₁₆	11½ ₁₆	15¾	8¾	¼	9½	4
	143T/145T	2½	3	13½ ₁₆	19¾	10	25¼	33½ ₁₆	7	4	15½	2½	1½ ₁₆	16½ ₁₆	10¾	17½	8¾	¼	10½	3½
GNC7-2½	182T/184T	2½	3	16½ ₁₆	19¾	10	28¼	36½ ₁₆	7	4	18½	2½	1½ ₁₆	16½ ₁₆	11½ ₁₆	17½	8¾	¼	10½	3½
	213T/215T	2½	3	20½	19¾	12	32	40½ ₁₆	7¾	5	30	2½	1½ ₁₆	9½	12½ ₁₆	18½	1	¼	10½	3½
	213T/215T	2½	3	20½	22½	12	33½	43½	9½	5	31½	2½	1½ ₁₆	10½	14½	17½	1	¼	9½	3½
GNC9-2	254T/256T	2½	3	24½	22½	14	38	47½	9½	6	36	2½	1½ ₁₆	11½	15¾	18½	1	¼	9½	3½
	284TS/286TS	2½	3	26½ ₁₆	22½	14	39½	49½ ₁₆	9½	6	37½	2½	1½ ₁₆	10½	16¾	17½	1	¼	9½	3½
GNC9-2½	213T/215T	2	2½	20½	23	12	33½	43¾	9½	5	31½	2½	1½ ₁₆	11½	14½	18½	1	¼	9½	4
	254T/256T	2	2½	24½	23	14	38	48½	9½	6	36	2½	1½ ₁₆	11½	15¾	18½	1	¼	9½	4
	284TS/286TS	2	2½	26½ ₁₆	23	14	39½	49½ ₁₆	9½	6	37½	2½	1½ ₁₆	11½	16¾	18½	1	¼	9½	4
	324TS/326TS	2	2½	28½	23	16	42	51½	10½	7	40	2½	1½ ₁₆	11½	18¾	19½	1	¼	9½	4
GNC9-2½	254T/256T	2½	3	24½	22½	14	38	47½	9½	6	36	2½	1½ ₁₆	10½	15¾	20	1	¼	10½	3½
	284TS/286TS	2½	3	26½ ₁₆	22½	14	39½	49½ ₁₆	9½	6	37½	2½	1½ ₁₆	10½	16¾	20	1	¼	10½	3½
	324TS/326TS	2½	3	28½	22½	16	42	51½	10½	7	40	2½	1½ ₁₆	10½	18¾	21	1	¼	10½	3½
GNC9-2½	364TS/365TS	2½	3	30%	22½	18	43½	53%	11½	8	41½	2½	1½ ₁₆	10½	20%	22	1	¼	10½	3½

(*) Maximum - Varies with Enclosure, HP and Motor Manufacturer.

Proud Distributor Of
burks®

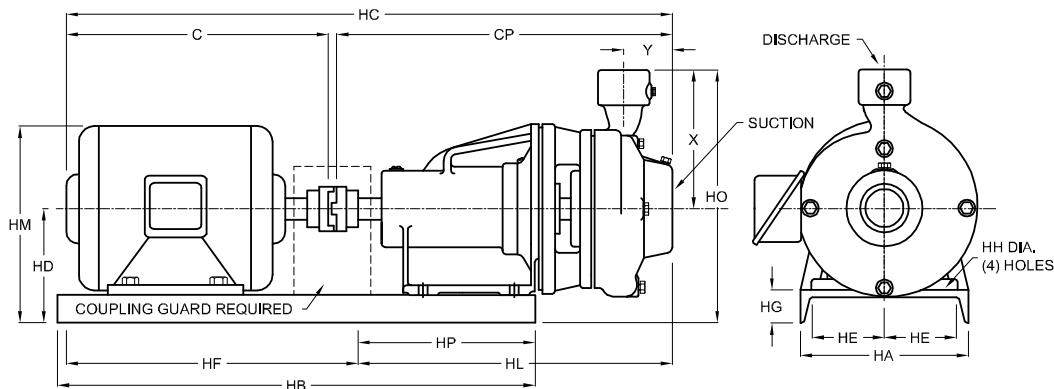
brtmarine.com

800-725-3787



SERIES GNB, GNC – PUMP, MOTOR & COUPLING – BASE MOUNTED DIMENSIONS

Frame Mounted End Suction



DIMENSIONS IN MILLIMETERS																				
MODEL	MOTOR FRAME	Disc.	Suct.	C*	CP	HA	HB	HC*	HD	HE	HF	HG	HH	HL	HM	HO	HP	HT	X	Y
GNB6-1½	56	1½	2	313	467	254	641	786	178	102	394	64	17	403	295	362	222	6.3	184	70
	143T/145T	1½	2	344	467	254	641	818	178	102	394	64	17	403	276	362	222	6.3	184	70
	182T/184T	1½	2	424	467	254	718	897	178	102	470	64	17	403	287	362	222	6.3	184	70
	213T/215T	1½	2	521	467	305	818	994	197	127	762	64	17	206	343	381	25	6.3	184	70
GNB6-2	56	2	2½	325	470	254	641	802	178	102	394	64	17	406	295	368	222	6.3	191	71
	143T/145T	2	2½	344	470	254	641	821	178	102	394	64	17	406	276	368	222	6.3	191	71
	182T/184T	2	2½	424	470	254	718	900	178	102	470	64	17	406	287	368	222	6.3	191	71
	213T/215T	2	2½	521	470	305	818	997	197	127	762	64	17	210	325	387	25	6.3	191	71
GNB6-2½	56	2½	3	325	487	254	641	819	178	102	394	64	17	424	295	387	222	6.3	210	84
	143T/145T	2½	3	344	487	254	641	838	178	102	394	64	17	424	276	387	222	6.3	210	84
	182T/184T	2½	3	424	487	254	718	918	178	102	470	64	17	424	287	387	222	6.3	210	84
	213T/215T	2½	3	521	487	305	818	1014	197	127	762	64	17	227	325	406	25	6.3	210	84
	254T/256T	2½	3	632	487	356	927	1125	222	152	876	64	17	227	371	432	25	6.3	210	84
GNB7-2 GNB7A-2	56	2	2½	325	492	254	641	824	178	102	394	64	17	429	295	387	222	6.3	210	95
	143T/145T	2	2½	344	492	254	641	843	178	102	394	64	17	429	276	387	222	6.3	210	95
	182T/184T	2	2½	424	492	254	718	922	178	102	470	64	17	429	287	387	222	6.3	210	95
	213T/215T	2	2½	521	492	305	813	1019	197	127	762	64	17	232	325	406	25	6.3	210	95
	254T/256T	2	2½	632	492	356	927	1130	222	152	876	64	17	232	371	432	25	6.3	210	95
GNB7-2½	143T/145T	2½	3	344	492	254	641	843	178	102	470	64	17	429	276	375	222	6.3	235	89
	182T/184T	2½	3	424	492	254	718	922	178	102	470	64	17	429	287	375	222	6.3	235	89
GNB9A-1½	56	1½	2	325	475	254	641	806	178	102	394	64	17	411	295	406	222	6.3	229	78
	143T/145T	1½	2	344	475	254	641	826	178	102	394	64	17	411	276	406	222	6.3	229	78
	182T/184T	1½	2	424	475	254	718	905	178	102	470	64	17	411	287	406	222	6.3	229	78
	213T/215T	1½	2	521	475	305	813	1002	197	127	762	64	17	214	325	425	25	6.3	229	78
	254T/256T	1½	2	632	475	356	927	1113	222	152	876	64	17	214	371	451	25	6.3	229	78
GNB9-2	143T/145T	2	2½	344	502	254	641	852	178	102	394	64	17	440	276	397	222	6.3	245	102
	182T/184T	2	2½	424	502	254	718	932	178	102	470	64	17	440	287	397	222	6.3	245	102
GNB9-2½	143T/145T	2½	3	344	492	254	641	843	178	102	394	64	17	430	276	445	222	6.3	267	89
	182T/184T	2½	3	424	492	254	718	922	178	102	470	64	17	430	287	445	222	6.3	267	89
	213T/215T	2½	3	521	492	305	813	1019	197	127	762	64	17	233	325	464	25	6.3	267	89
GNC7-2½	213T/215T	2½	3	521	572	305	857	1099	241	127	806	64	17	270	368	438	25	6.3	235	89
	254T/256T	2½	3	632	572	356	965	1210	241	152	914	64	17	270	391	438	25	6.3	235	89
	284TS/286TS	2½	3	668	572	356	1003	1246	241	152	953	64	17	270	416	438	25	6.3	235	89
GNC9-2	213T/215T	2	2½	521	584	305	857	1111	241	127	806	64	17	283	368	460	25	6.3	244	102
	254T/256T	2	2½	632	584	356	965	1222	241	152	914	64	17	283	391	460	25	6.3	244	102
	284TS/286TS	2	2½	668	584	356	1003	1259	241	152	953	64	17	283	416	460	25	6.3	244	102
GNC9-2½	324TS/326TS	2	2½	730	584	406	1067	1321	267	178	1016	64	17	283	467	486	25	6.3	244	102
	324TS/326TS	2	2½	730	584	406	1067	1321	267	178	1016	64	17	270	416	508	25	6.3	267	89
	364TS/365TS	2½	3	772	572	457	1105	1349	292	203	1054	64	17	270	518	559	25	6.3	267	89

(*) Maximum - Varies with Enclosure, HP and Motor Manufacturer.



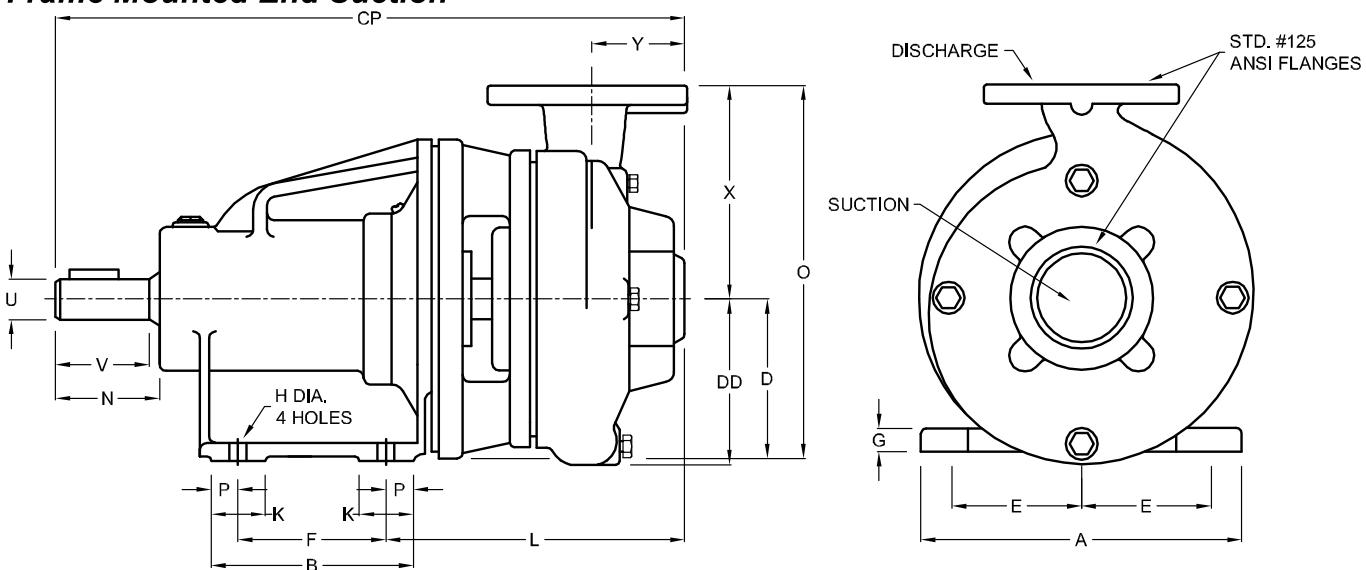
brtmarine.com

800-725-3787

PROUD DISTRIBUTOR OF
burks®

SERIES GNB, GNC — PUMP ONLY W/ FLANGED CASING DIMENSIONS

Frame Mounted End Suction

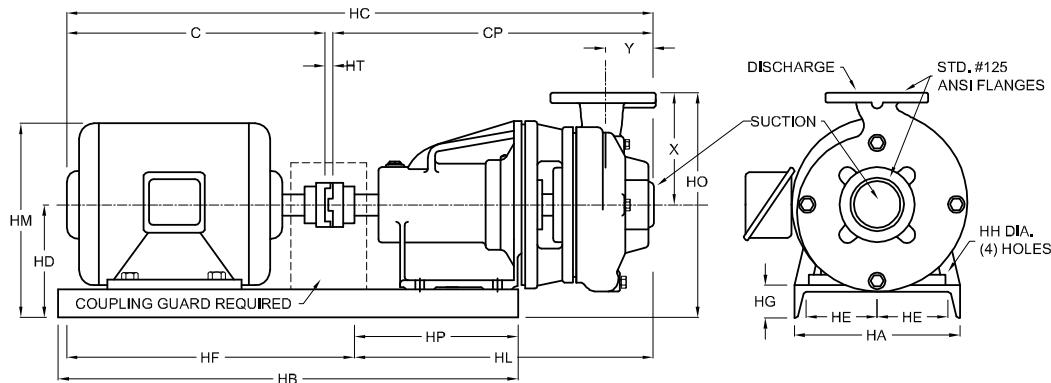


DIMENSIONS IN INCHES																				
MODEL	DISC.	SUCT.	A	B	CP	D	DD	E	F	G	H	K	L	N	O	P	U	V	X	Y
GNB6-2F	2	2½	8	6½	17 ¹³ / ₁₆	4½	4½	3 ³ / ₁₆	5	½	5/8	1½	7 ¹¹ / ₁₆	2 ⁷ / ₈	10½	¾	1½	2 ¹ / ₁₆	6	2 ¹ / ₈
GNB6-2½F	2½	3	8	6½	18 ¹ / ₄	4½	4 ⁷ / ₈	3 ³ / ₁₆	5	½	5/8	1½	8 ⁵ / ₈	2 ⁷ / ₈	11	¾	1½	2 ¹ / ₁₆	6½	2 ³ / ₈
GNB7-2F GNB7A-2F	2	2½	8	6½	18 ¹ / ₁₆	4½	5	3 ³ / ₁₆	5	½	5/8	1½	7 ¹⁵ / ₁₆	2 ⁷ / ₈	11½	¾	1½	2 ¹ / ₁₆	6¾	2 ¹ / ₁₆
GNB7-2½F	2½	3	8	6½	18 ¹ / ₄	4½	5½	3 ³ / ₁₆	5	½	5/8	1½	8 ¹ / ₁₆	2 ⁷ / ₈	12	¾	1½	2 ¹ / ₁₆	7½	2 ³ / ₈
GNB9-2F	2	2½	8	6½	18 ³ / ₈	4½	5 ¹ / ₈	3 ³ / ₁₆	5	½	5/8	1½	8 ³ / ₁₆	2 ⁷ / ₈	13	¾	1½	2 ¹ / ₁₆	8½	2 ⁹ / ₁₆
GNB9-2½F	2½	3	8	6½	18 ¹³ / ₁₆	4½	6	3 ³ / ₁₆	5	½	5/8	1½	8 ⁷ / ₁₆	2 ⁷ / ₈	13½	¾	1½	2 ¹ / ₁₆	9¼	2 ¹ / ₁₆
GNC7-2½F	2½	3	8	6¾	20 ¹ / ₁₆	7	5½	3 ³ / ₁₆	5	½	5/8	1¾	9 ³ / ₁₆	4	14½	7/8	1¾	3¾	7½	2¾
GNC9-2F	2	2½	8	6¾	21 ⁵ / ₁₆	7	5¾	3 ³ / ₁₆	5	½	5/8	1¾	9 ¹¹ / ₁₆	4	15½	7/8	1¾	3½	8½	2 ⁹ / ₁₆
GNC9-2½F	2½	3	8	6¾	21½	7	6	3 ³ / ₁₆	5	½	5/8	1¾	9 ⁷ / ₈	4	16½	7/8	1¾	3¾	9¼	2 ⁹ / ₁₆
GNB9-3F	3	4	8	6½	19	4½	6½	3 ³ / ₁₆	5	½	5/8	1½	8 ⁷ / ₈	2 ⁷ / ₈	13½	¾	1½	2 ¹ / ₁₆	9	2 ¹ / ₁₆
GNC9-3F GNC9A-3F	3	4	8	6¾	21 ⁵ / ₁₆	7	6½	3 ³ / ₁₆	5	½	5/8	1¾	10 ⁵ / ₁₆	4	16	7/8	1¾	3¾	9	2 ¹ / ₁₆
4GNB9-4F	4	5	8	6½	19 ¹¹ / ₁₆	4½	7 ⁹ / ₁₆	3 ³ / ₁₆	5	½	5/8	1½	9½	2 ⁷ / ₈	15½	¾	1½	2 ¹ / ₁₆	10½	3¾

DIMENSIONS IN MILLIMETERS																				
MODEL	DISC. (in)	SUCT. (in)	A	B	CP	D	DD	E	F	G	H	K	L	N	O	P	U	V	X	Y
GNB6-2F	2	2½	203	165	452	114	114	90	127	13	16	38	195	73	267	19	29	68	152	54
GNB6-2½F	2½	3	203	165	464	114	124	90	127	13	16	38	206	73	279	19	29	68	165	60
GNB7-2F GNB7A-2F	2	2½	203	165	459	114	127	90	127	13	16	38	202	73	286	19	29	68	171	62
GNB7-2½F	2½	3	203	165	464	114	140	90	127	13	16	38	205	73	305	19	29	68	191	60
GNB9-2F	2	2½	203	165	467	114	149	90	127	13	16	38	208	73	330	19	29	68	216	65
GNB9-2½F	2½	3	203	165	471	114	152	90	127	13	16	38	214	73	349	19	29	68	235	65
GNC7-2½F	2½	3	203	172	529	178	140	90	127	13	16	44	233	102	368	22	35	95	191	60
GNC9-2F	2	2½	203	172	541	178	149	90	127	13	16	44	246	102	394	22	35	95	216	65
GNC9-2½F	2½	3	203	172	546	178	152	90	127	13	16	44	251	102	413	22	35	95	235	65
GNB9-3F	3	4	203	165	483	114	159	90	127	13	16	38	225	73	343	19	29	68	229	68
GNC9-3F GNC9A-3F	3	4	203	172	557	178	159	90	127	13	16	44	262	102	406	22	35	95	229	68
4GNB9-4F	3	5	203	165	500	114	192	90	127	13	16	38	241	73	384	19	29	68	270	83

SERIES GNB, GNC – PUMP W/ FLANGED CASING, MOTOR & COUPLING – BASE MOUNTED DIMENSIONS

Frame Mounted End Suction



DIMENSIONS IN INCHES																				
MODEL	MOTOR FRAME	Disc.	Suct.	C*	CP	HA	HB	HC*	HD	HE	HF	HG	HH	HL	HM	HO	HP	HT	X	Y
GNB6-2F	56	2	2 1/2	12 13/16	17 1/4	10	25 1/4	31 1/8	7	4	15 1/2	2 1/2	1 1/16	15 5/16	11 5/8	13	8 3/4	1/2	6	2 1/8
	143T/145T	2	2 1/2	13 3/16	17 1/4	10	25 1/4	31 1/8	7	4	15 1/2	2 1/2	1 1/16	15 5/16	10 7/8	13	8 3/4	1/2	6	2 1/8
	182T/184T	2	2 1/2	16 1/16	17 1/4	10	28 1/4	35	7	4	18 1/2	2 1/2	1 1/16	15 5/16	11 5/16	13	8 3/4	1/2	6	2 1/8
	213T/215T	2	2 1/2	20 1/2	17 1/4	12	32	39 9/16	7 3/4	5	30	2 1/2	1 1/16	7 7/16	12 13/16	13 3/4	1	3/4	6	2 1/8
GNB6-2 1/2 F	56	2 1/2	3	12 13/16	18 1/4	10	25 1/4	31 1/8	7	4	15 1/2	2 1/2	1 1/16	15 5/16	11 5/8	13 1/2	8 3/4	1/2	6 1/2	2 1/8
	143T/145T	2 1/2	3	13 3/16	18 1/4	10	25 1/4	32 5/16	7	4	15 1/2	2 1/2	1 1/16	15 5/16	10 7/8	13 1/2	8 3/4	1/2	6 1/2	2 1/8
	182T/184T	2 1/2	3	16 1/16	18 1/4	10	28 1/4	35 1/16	7	4	18 1/2	2 1/2	1 1/16	15 5/16	11 5/16	13 1/2	8 3/4	1/2	6 1/2	2 1/8
	213T/215T	2 1/2	3	20 1/2	18 1/4	12	32	39 9/16	7 3/4	5	30	2 1/2	1 1/16	8	12 13/16	14 1/4	1	3/4	6 1/2	2 1/8
	254T/256T	2 1/2	3	24 1/4	18 1/4	14	36 1/2	44	8 3/4	6	34 1/2	2 1/2	1 1/16	8	14 5/8	15 1/4	1	7/8	6 1/2	2 1/8
GNB7-2F GNB7A-2F	56	2	2 1/2	12 13/16	18 1/16	10	25 1/4	31 1/8	7	4	15 1/2	2 1/2	1 1/16	15 5/16	11 5/8	13 3/4	8 3/4	1/2	6 3/4	2 1/16
	143T/145T	2	2 1/2	13 3/16	18 1/16	10	25 1/4	32 1/8	7	4	15 1/2	2 1/2	1 1/16	15 5/16	10 7/8	13 3/4	8 3/4	1/2	6 3/4	2 1/16
	182T/184T	2	2 1/2	16 1/16	18 1/16	10	28 1/4	35 1/4	7	4	18 1/2	2 1/2	1 1/16	15 5/16	11 5/16	13 3/4	8 3/4	1/2	6 3/4	2 1/16
	213T/215T	2	2 1/2	20 1/2	18 1/16	12	32	39 9/16	7 3/4	5	30	2 1/2	1 1/16	7 7/16	12 13/16	14 1/2	1	3/4	6 3/4	2 1/16
	254T/256T	2 1/2	3	24 1/4	18 1/16	14	36 1/2	43 1/16	8 3/4	6	34 1/2	2 1/2	1 1/16	7 7/16	14 5/8	15 1/4	1	7/8	6 3/4	2 1/16
GNB7-2 1/2 F	143T/145T	2 1/2	3	13 3/16	18 1/4	10	25 1/4	32 1/16	7	4	15 1/2	2 1/2	1 1/16	15 1/16	10 7/8	14 1/2	8 3/4	1/2	7 1/2	2 1/8
	182T/184T	2 1/2	3	16 1/16	18 1/4	10	28 1/4	35 1/16	7	4	18 1/2	2 1/2	1 1/16	15 1/16	11 5/16	14 1/2	8 3/4	1/2	7 1/2	2 1/8
GNB9-2F	143T/145T	2	2 1/2	13 3/16	18 1/8	10	25 1/4	32 1/16	7	4	15 1/2	2 1/2	1 1/16	15 1/16	10 7/8	15 1/2	8 3/4	1/2	8 1/2	2 9/16
	182T/184T	2	2 1/2	16 1/16	18 1/8	10	28 1/4	35 1/16	7	4	18 1/2	2 1/2	1 1/16	15 1/16	11 5/16	15 1/2	8 3/4	1/2	8 1/2	2 9/16
GNB9-2 1/2 F	143T/145T	2 1/2	3	13 3/16	18 1/8	10	25 1/4	32 1/8	7	4	15 1/2	2 1/2	1 1/16	16 3/16	10 7/8	16 1/4	8 3/4	1/2	9 1/4	2 9/16
	182T/184T	2 1/2	3	16 1/16	18 1/8	10	28 1/4	35 1/8	7	4	18 1/2	2 1/2	1 1/16	16 3/16	11 5/16	16 1/4	8 3/4	1/2	9 1/4	2 9/16
	213T/215T	2 1/2	3	20 1/2	18 1/8	12	32	39 13/16	7 3/4	5	30	2 1/2	1 1/16	8 1/16	12 13/16	17	1	3/4	9 1/4	2 9/16
GNC7-2 1/2 F	213T/215T	2 1/2	3	20 1/2	20 1/16	12	33 3/4	42 1/16	9 1/2	5	31 1/4	2 1/2	1 1/16	9 1/16	14 1/2	17	1	3/4	7 1/2	2 1/8
	254T/256T	2 1/2	3	24 1/4	20 1/16	14	38	49 1/16	9 1/2	6	36	2 1/2	1 1/16	9 1/16	15 5/8	17	1	7/8	7 1/2	2 1/8
	284TS/286TS	2 1/2	3	26 1/16	20 1/16	14	39 1/2	48	9 1/2	6	37 1/2	2 1/2	1 1/16	9 1/16	16 3/8	17	1	7/8	7 1/2	2 1/8
GNC9-2F	213T/215T	2	2 1/2	20 1/2	21 1/16	12	33 3/4	42 1/16	9 1/2	5	31 1/4	2 1/2	1 1/16	10 1/16	14 1/2	18	1	3/4	8 1/2	2 9/16
	254T/256T	2	2 1/2	24 1/4	21 1/16	14	38	47 1/16	9 1/2	6	36	2 1/2	1 1/16	10 1/16	15 5/8	18	1	7/8	8 1/2	2 9/16
	284TS/286TS	2	2 1/2	26 1/16	21 1/16	14	39 1/2	48 1/16	9 1/2	6	37 1/2	2 1/2	1 1/16	10 1/16	16 3/8	18	1	7/8	8 1/2	2 9/16
	324TS/326TS	2	2 1/2	28 1/4	21 1/16	16	42	51 1/16	10 1/2	7	40	2 1/2	1 1/16	10 1/16	18 5/8	19	1	1	8 1/2	2 9/16
GNC9-2 1/2 F	254T/256T	2 1/2	3	24 1/4	21 1/2	14	38	47 1/4	9 1/2	6	36	2 1/2	1 1/16	9 9/16	15 5/8	18 3/4	1	7/8	9 1/4	2 9/16
	284TS/286TS	2 1/2	3	26 1/16	21 1/2	14	39 1/2	48 1/16	9 1/2	6	37 1/2	2 1/2	1 1/16	9 9/16	16 3/8	18 3/4	1	7/8	9 1/4	2 9/16
	324TS/326TS	2 1/2	3	28 1/4	21 1/2	16	42	51 1/16	10 1/2	7	40	2 1/2	1 1/16	9 9/16	18 5/8	19 1/2	1	1	9 1/4	2 9/16
	364TS/365TS	2 1/2	3	30 1/8	21 1/2	18	43 1/2	52 1/8	11 1/2	8	41 1/2	2 1/2	1 1/16	9 9/16	20 1/8	20 1/2	1	1	9 1/4	2 9/16
GNB9-3F	182T/184T	3	4	16 1/16	19	10	28 1/4	36 1/16	7	4	18 1/2	2 1/2	1 1/16	16 3/16	11 5/16	16	8 3/4	1/2	9	2 11/16
	213T/215T	3	4	20 1/2	19	12	32	40 1/4	7 3/4	5	30	2 1/2	1 1/16	8 8/16	12 13/16	16 3/4	1	3/4	9	2 11/16
	254T/256T	3	4	24 1/6	19	14	36 1/2	44 1/4	8 3/4	6	34 1/2	2 1/2	1 1/16	8 8/16	14 1/4	16 3/4	1	7/8	9	2 11/16
GNC9-3F GNC9A-3F	254T/256T	3	4	24 1/6	21 1/16	14	38	47 1/16	9 1/2	6	36	2 1/2	1 1/16	10 3/16	15 5/8	18 1/2	1	7/8	9	2 11/16
	284TS/286TS	3	4	26 5/16	21 1/16	14	39 1/2	49 1/8	9 1/2	6	37 1/2	2 1/2	1 1/16	10 3/16	16 3/8	18 1/2	1	7/8	9	2 11/16
	324TS/326TS	3	4	28 1/4	21 1/16	16	42	51 1/16	10 1/2	7	40	2 1/2	1 1/16	10 3/16	18 5/8	19 1/2	1	1	9	2 11/16
	364TS/365TS	3	4	30 1/8	21 1/16	18	43 1/2	53 5/16	11 1/2	8	41 1/2	2 1/2	1 1/16	10 3/16	20 1/8	20 1/2	1	1	9	2 11/16
4GNB9-4F	182T/184T	4	5	18 1/16	19 1/16	10	28 1/4	38 1/4	7	4	18 1/2	2 1/2	1 1/16	17 1/8	12 13/16	17 5/8	8 3/4	1/2	10 1/8	3 1/4
	213T/215T	4	5	19 1/4	19 1/16	12	32	40 1/16	7 3/4	5	30	2 1/2	1 1/16	9 9/16	13 5/8	18 3/4	1	3/4	10 1/8	3 1/4
	254T/256T	4	5	24 1/4	19 1/16	14	36 1/2	45 1/16	8 3/4	6	34 1/2	2 1/2	1 1/16	9 9/16	15 11/16	19 1/8	1	7/8	10 1/8	3 1/4

(*) Maximum - Varies with Enclosure, HP and Motor Manufacturer.



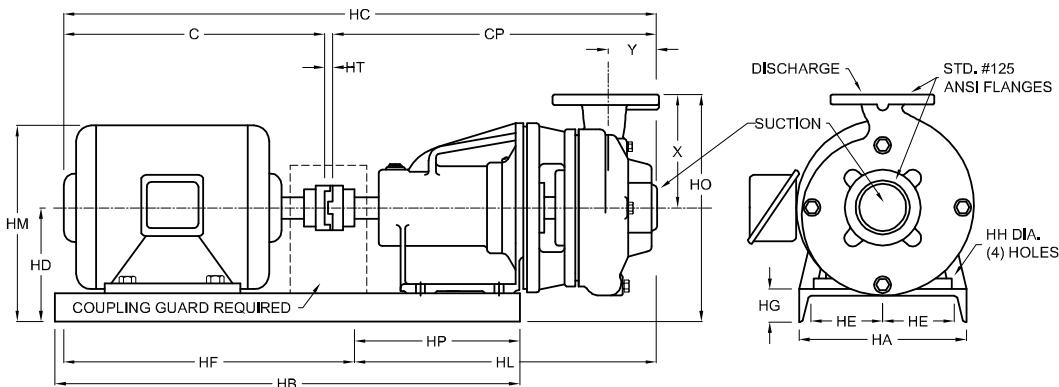
brtmarine.com

800-725-3787

Proud Distributor Of
burks®

SERIES GNB, GNC – PUMP W/ FLANGED CASING, MOTOR & COUPLING – BASE MOUNTED DIMENSIONS

Frame Mounted End Suction

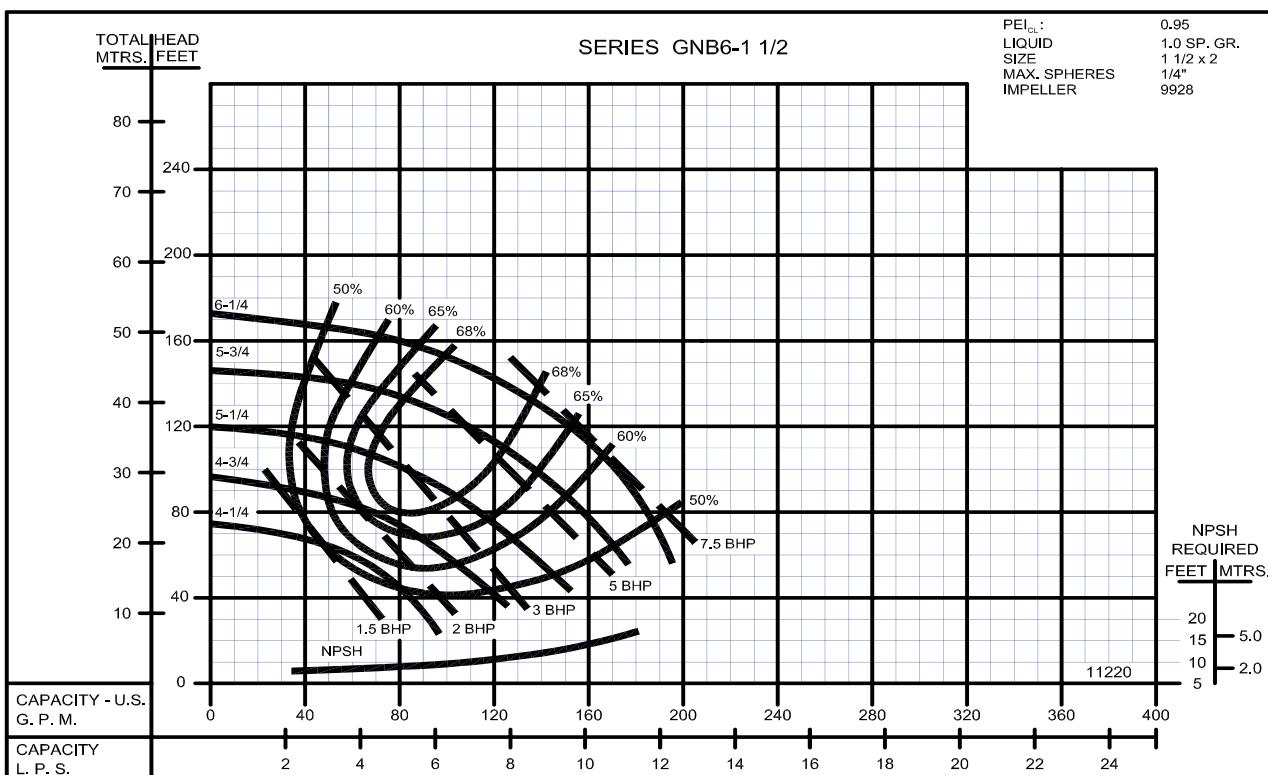
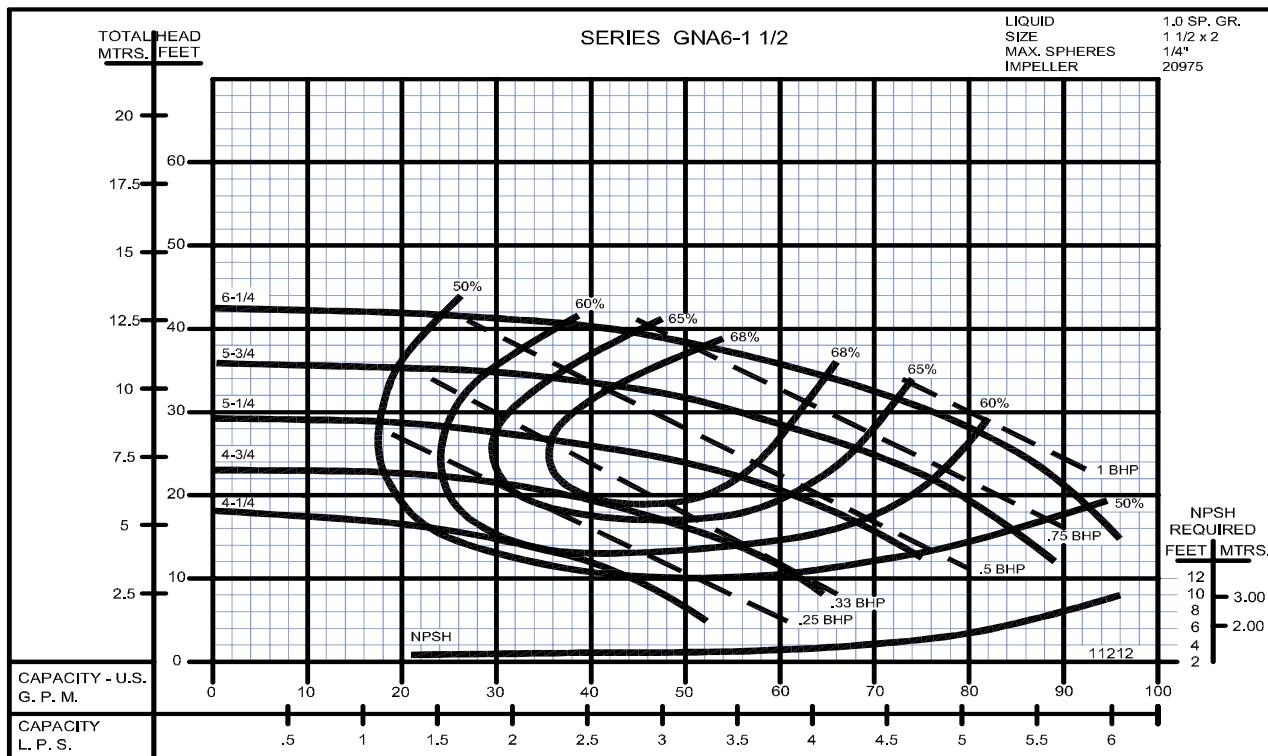


DIMENSIONS IN MILLIMETERS																				
MODEL	MOTOR FRAME	Disc.	Suct.	C*	CP	HA	HB	HC*	HD	HE	HF	HG	HH	HL	HM	HO	HP	HT	X	Y
GNB6-2F	56	2	2½	325	452	254	641	791	178	102	394	64	17	389	295	330	222	13	152	54
	143T/145T	2	2½	344	452	254	641	810	178	102	394	64	17	389	276	330	222	13	152	54
	182T/184T	2	2½	424	452	254	718	889	178	102	470	64	17	389	287	330	222	13	152	54
	213T/215T	2	2½	521	452	305	813	992	197	127	762	64	17	192	325	349	25	19	152	54
GNB6-2½F	56	2½	3	325	464	254	641	802	178	102	394	64	17	400	295	343	222	13	165	60
	143T/145T	2½	3	344	464	254	641	821	178	102	394	64	17	400	276	343	222	13	165	60
	182T/184T	2½	3	424	464	254	718	900	178	102	470	64	17	400	287	343	222	13	165	60
	213T/215T	2½	3	521	464	305	813	1003	197	127	762	64	17	203	325	362	25	19	165	60
	254T/256T	2½	3	632	464	356	927	1118	222	152	876	64	17	203	371	387	25	22	165	60
GNB7-2F GNB7A-2F	56	2	2½	325	459	254	641	797	178	102	394	64	17	395	295	349	222	13	171	62
	143T/145T	2	2½	344	459	254	641	816	178	102	394	64	17	395	276	349	222	13	171	62
GNB7-2½F	182T/184T	2	2½	424	459	254	718	895	178	102	470	64	17	395	287	349	222	13	171	62
	213T/215T	2	2½	521	459	305	813	999	197	127	762	64	17	198	325	368	25	19	171	62
GNB7-2½F	254T/256T	2	2½	632	459	356	927	1113	222	152	876	64	17	198	371	394	25	22	171	62
	143T/145T	2½	3	344	464	254	641	821	178	102	394	64	17	398	276	368	222	13	191	60
GNB7-2½F	182T/184T	2½	3	424	464	254	718	900	178	102	470	64	17	398	287	368	222	13	191	60
	GNB9-2F	143T/145T	2	2½	344	467	254	641	824	178	102	394	64	17	402	276	394	222	13	216
GNB9-2F	182T/184T	2	2½	424	467	254	718	903	178	102	470	64	17	402	287	394	222	13	216	65
	GNB9-2½F	143T/145T	2½	3	344	472	254	641	829	178	102	394	64	17	411	276	413	222	13	235
GNB9-2½F	182T/184T	2½	3	424	472	254	718	908	178	102	470	64	17	411	287	413	222	13	235	65
	213T/215T	2½	3	521	472	305	813	1011	197	127	762	64	17	214	325	432	25	19	235	65
GNC7-2½F	213T/215T	2½	3	521	529	305	857	1068	241	127	806	64	17	230	368	432	25	19	191	60
	254T/256T	2½	3	632	529	356	965	1183	241	152	914	64	17	230	391	432	25	22	191	60
	284TS/286TS	2½	3	668	529	356	1003	1219	241	152	953	64	17	230	416	432	25	22	191	60
GNC9-2F	213T/215T	2	2½	521	541	305	857	1081	241	127	806	64	17	271	368	457	25	19	216	65
	254T/256T	2	2½	632	541	356	965	1195	241	152	914	64	17	271	391	457	25	22	216	65
	284TS/286TS	2	2½	668	541	356	1003	1237	241	152	953	64	17	271	416	457	25	22	216	65
	324TS/326TS	2	2½	730	546	406	1067	1302	267	178	1016	64	17	248	467	502	25	25	235	65
GNC9-2½F	364TS/365TS	2½	3	772	546	457	1105	1343	292	203	1054	64	17	248	518	527	25	25	235	65
	182T/184T	3	4	424	483	254	718	919	178	102	470	64	17	416	287	406	222	13	229	68
	213T/215T	3	4	521	483	305	813	1022	197	127	762	64	17	219	325	425	25	19	229	68
	254T/256T	3	4	632	557	356	965	1211	241	152	914	64	17	259	391	470	25	22	229	68
GNC9-3F GNC9A-3F	284TS/286TS	3	4	668	557	356	1003	1248	241	152	953	64	17	259	416	470	25	22	229	68
	324TS/326TS	3	4	730	557	406	1067	1313	267	178	1016	64	17	259	467	495	25	25	229	68
	364TS/365TS	3	4	772	557	457	1105	1354	292	203	1054	64	17	259	518	521	25	25	229	68
	182T/184T	4	5	459	500	254	718	972	178	102	470	64	17	435	310	448	222	13	270	83
4GNB9-4F	213T/215T	4	5	502	500	305	813	1021	197	127	762	64	17	238	346	448	25	19	270	83
	254T/256T	4	5	632	500	356	927	1154	222	152	876	64	17	238	398	448	25	22	270	83

(*) Maximum - Varies with Enclosure, HP and Motor Manufacturer.

SERIES GNA, GNB — 60 Hz PERFORMANCE

Frame Mounted End Suction



brtmarine.com

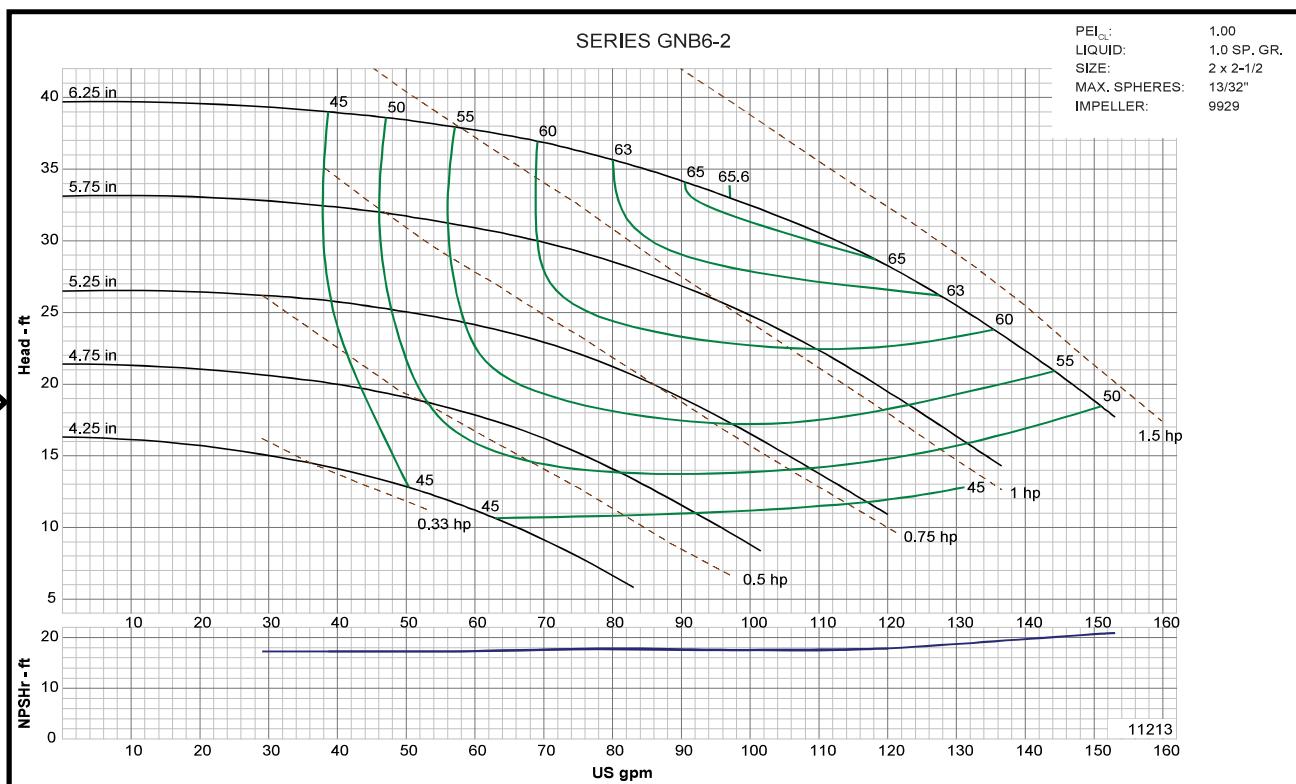
800-725-3787

PROUD DISTRIBUTOR OF
burks®

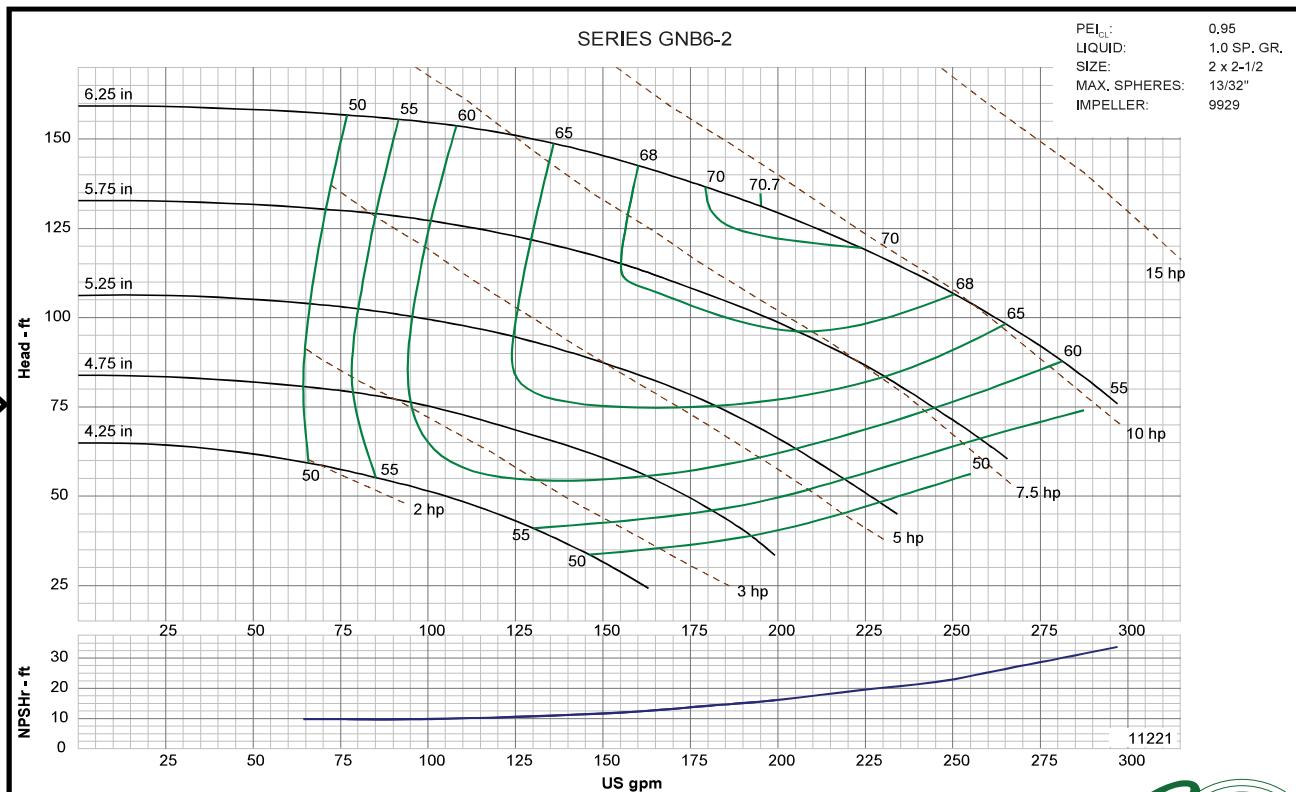
SERIES GNB – 60 Hz PERFORMANCE

Frame Mounted End Suction

1750 RPM



3500 RPM



PROUD DISTRIBUTOR OF
burks®

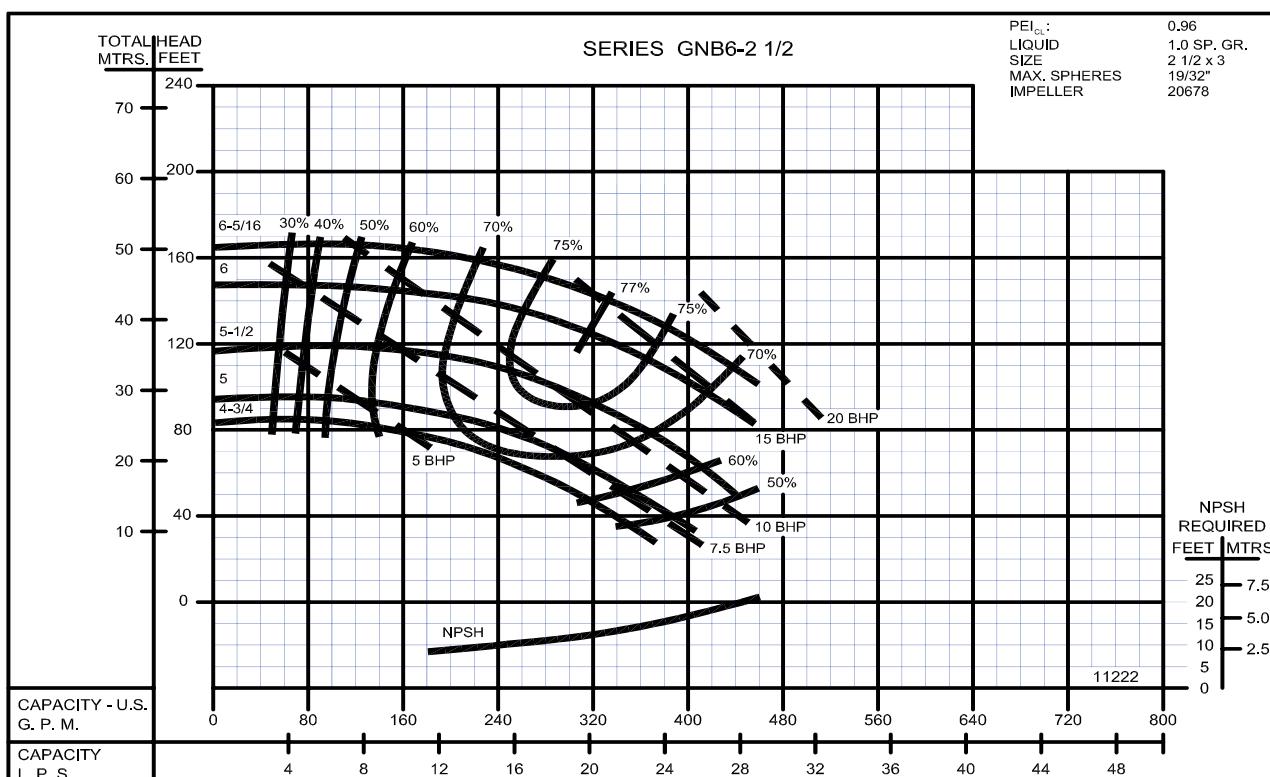
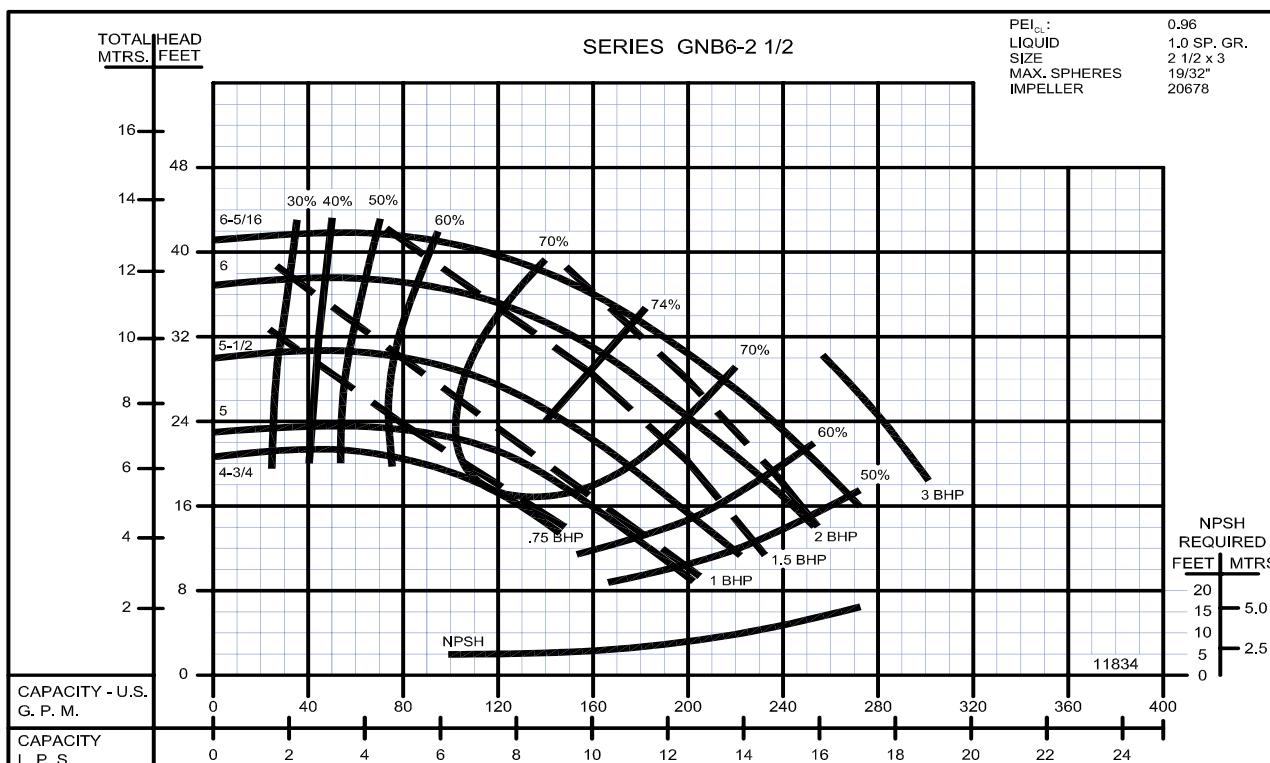
brtmarine.com

800-725-3787



SERIES GNB – 60 Hz PERFORMANCE

Frame Mounted End Suction



brtmarine.com

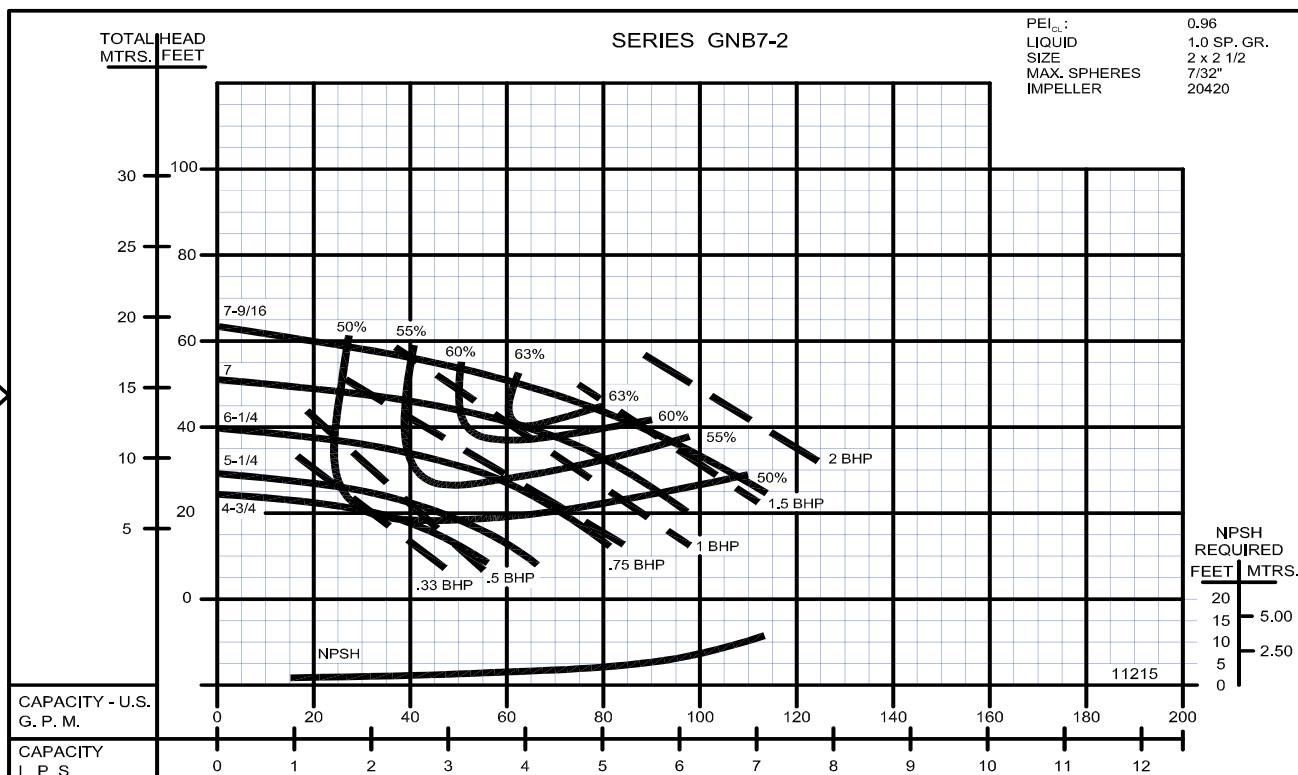
800-725-3787

PROUD DISTRIBUTOR OF
burks®

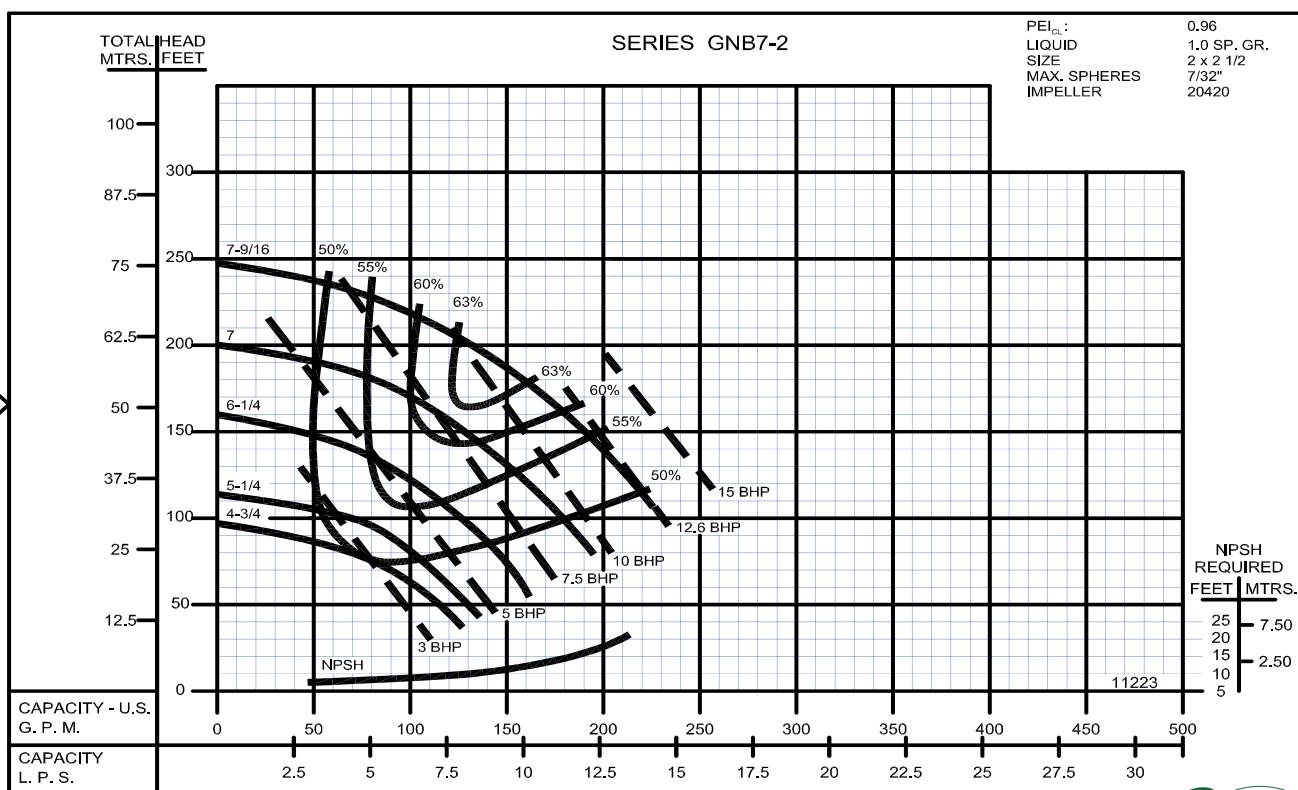
SERIES GNB — 60 Hz PERFORMANCE

Frame Mounted End Suction

1750 RPM



3500 RPM



PROUD DISTRIBUTOR OF

burks®

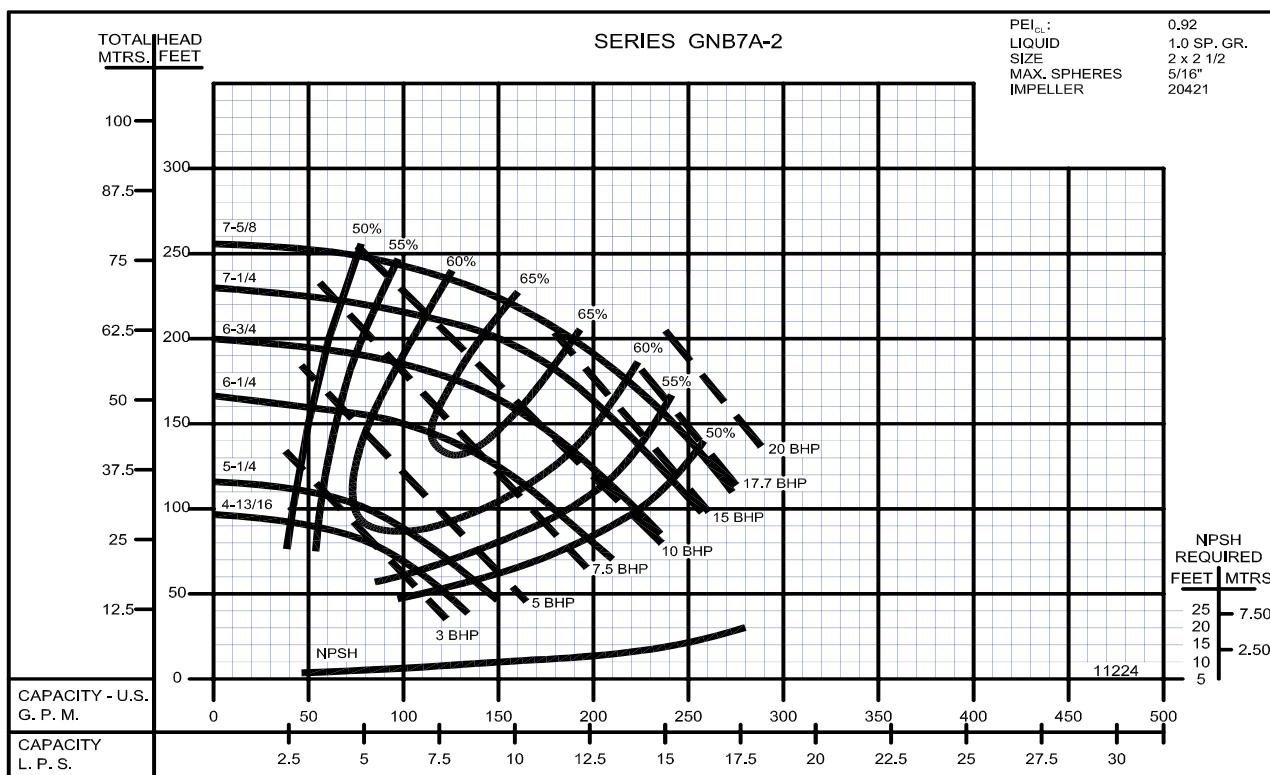
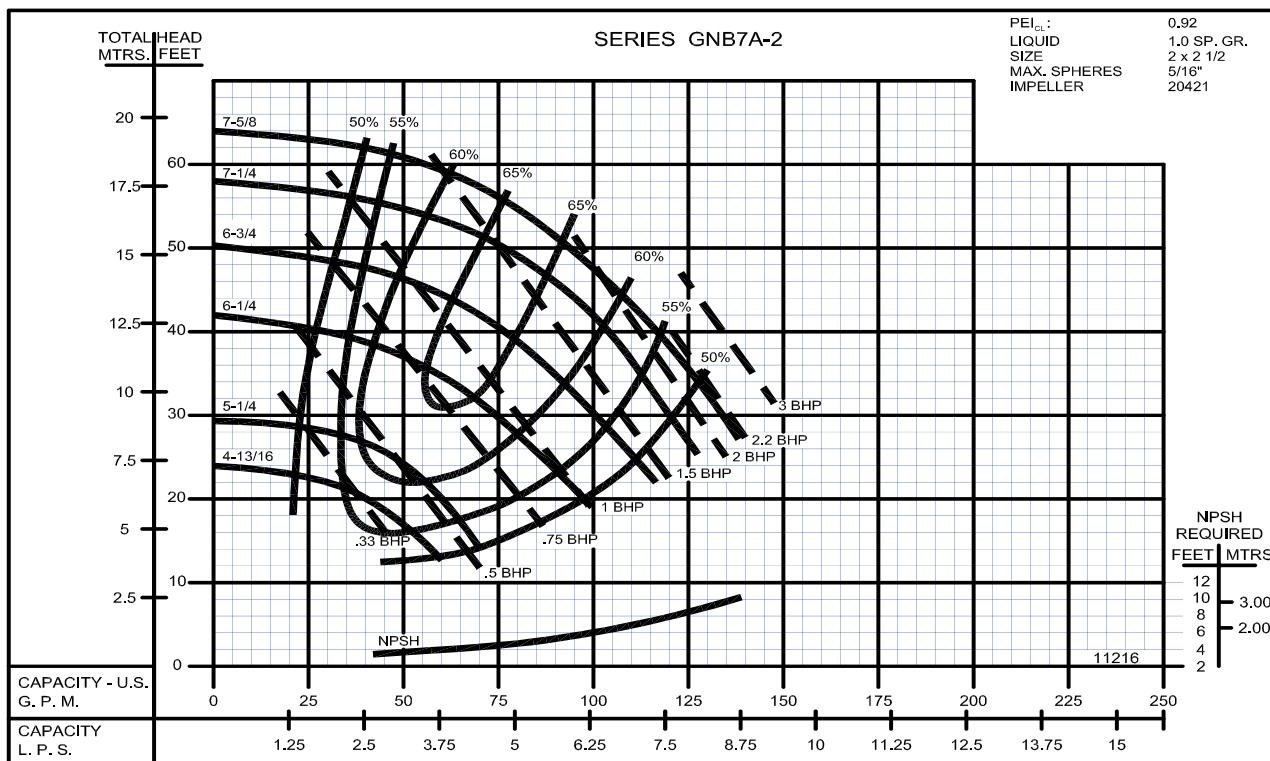
brtmarine.com

800-725-3787



SERIES GNB – 60 Hz PERFORMANCE

Frame Mounted End Suction



brtmarine.com

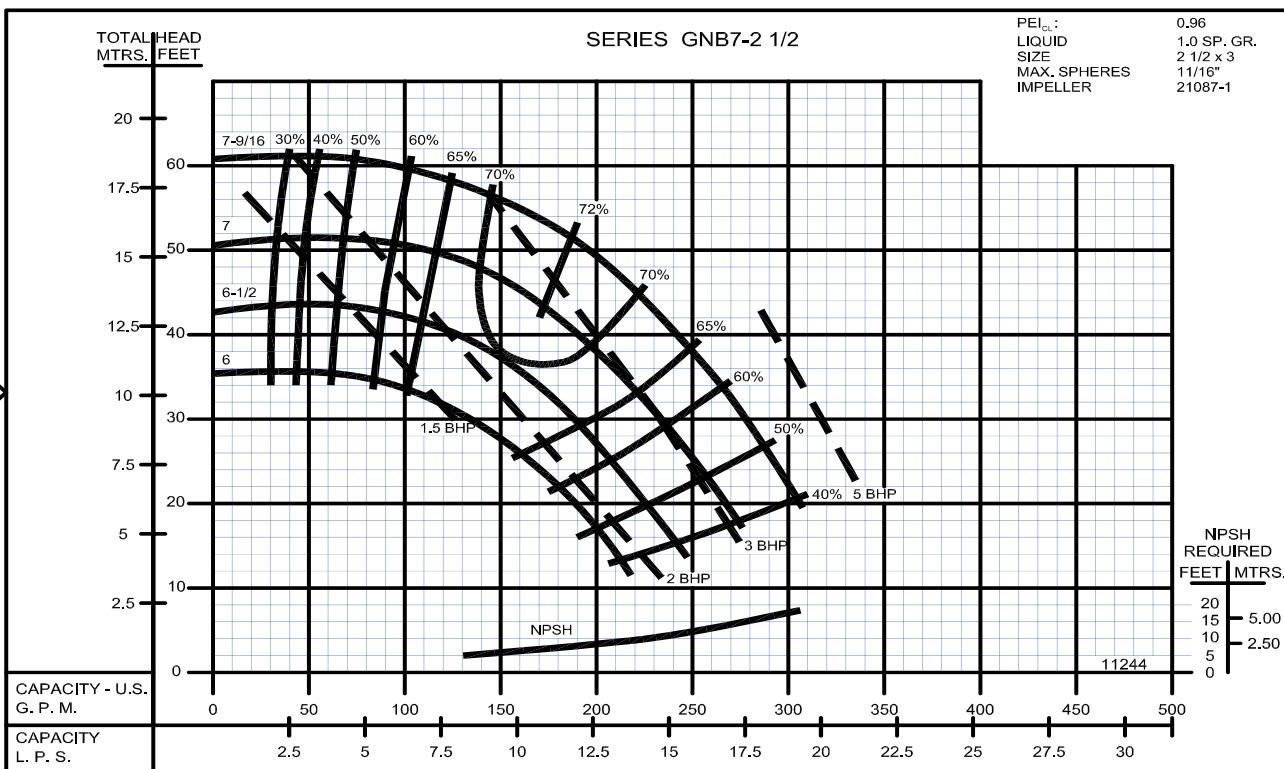
800-725-3787

PROUD DISTRIBUTOR OF
burks®

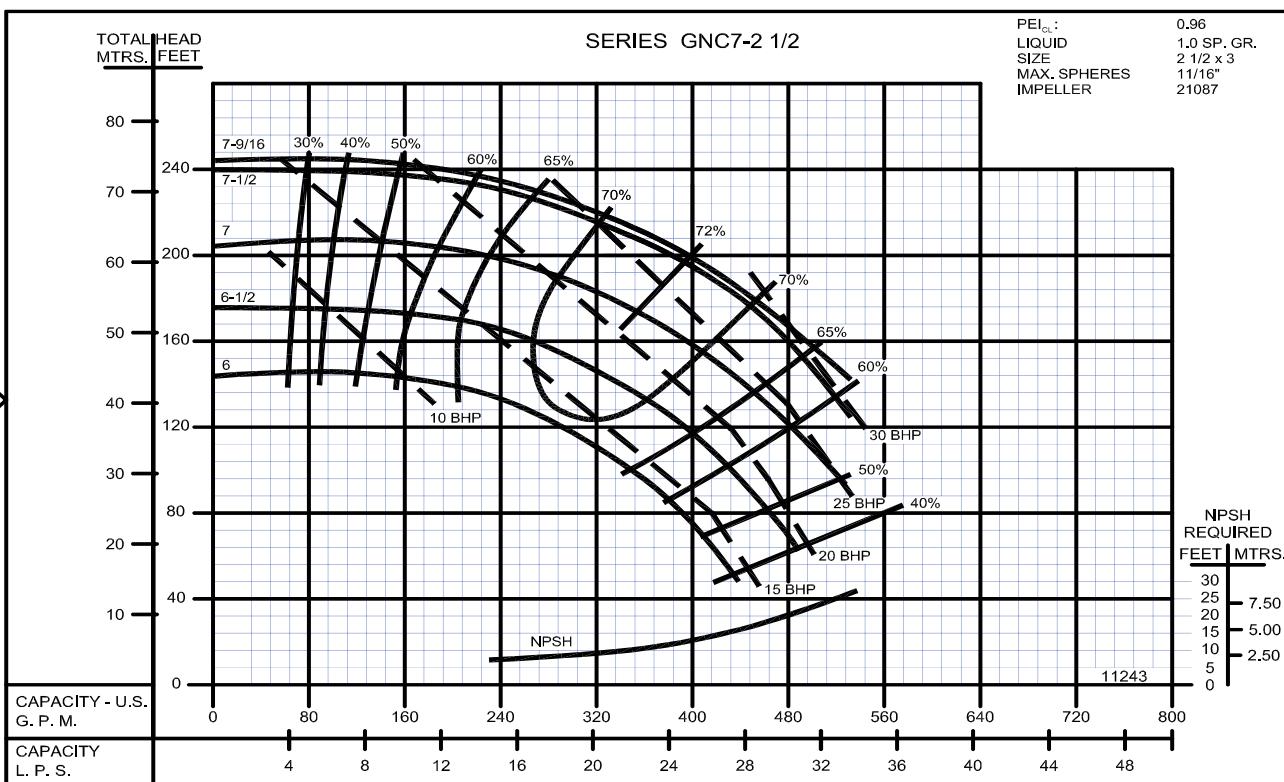
SERIES GNB, GNC — 60 Hz PERFORMANCE

Frame Mounted End Suction

1750 RPM



3500 RPM



PROUD DISTRIBUTOR OF

burks®

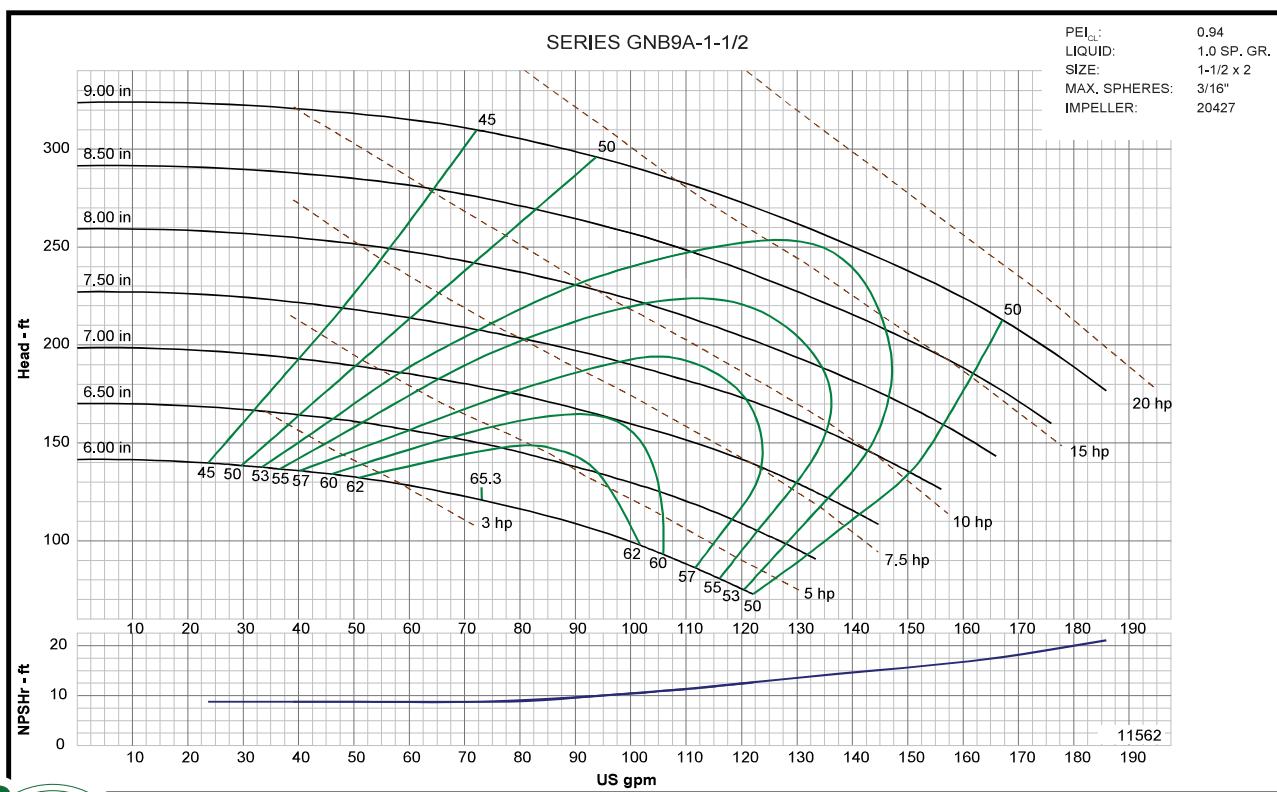
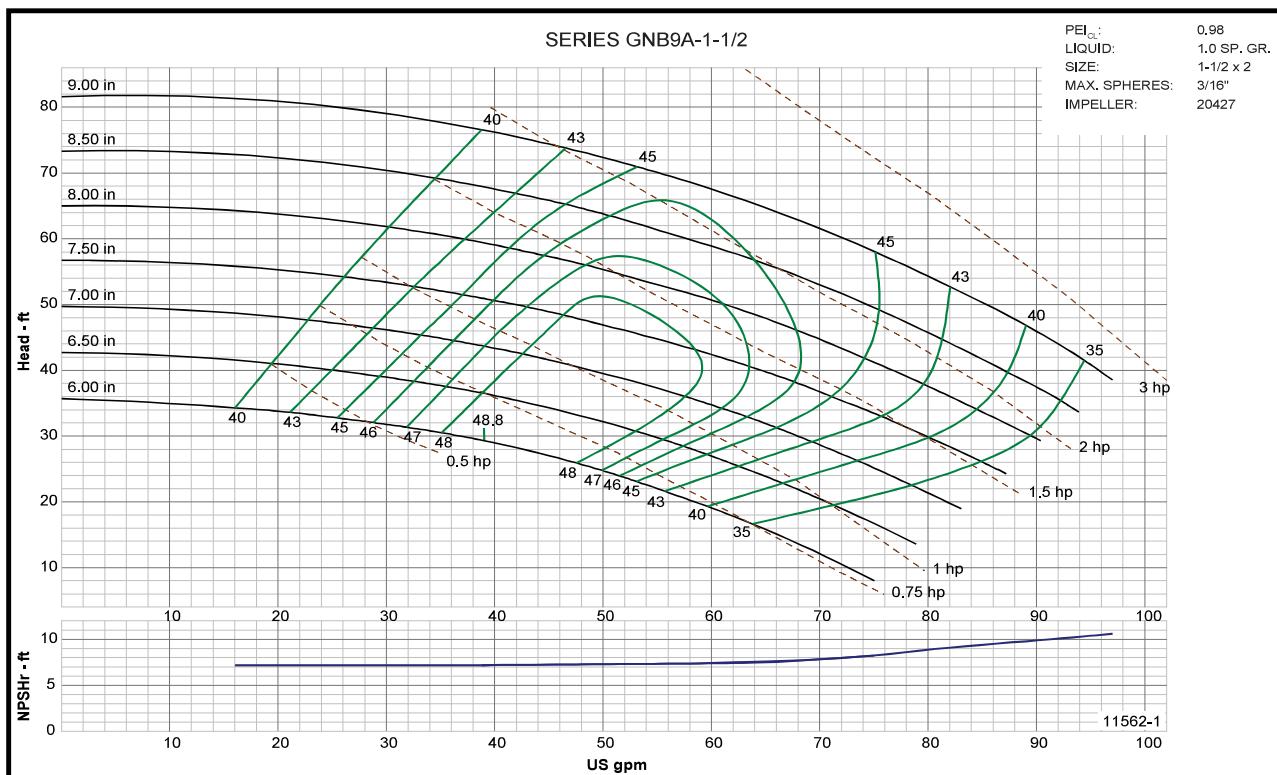
brtmarine.com

800-725-3787



SERIES GNB — 60 Hz PERFORMANCE

Frame Mounted End Suction



brtmarine.com

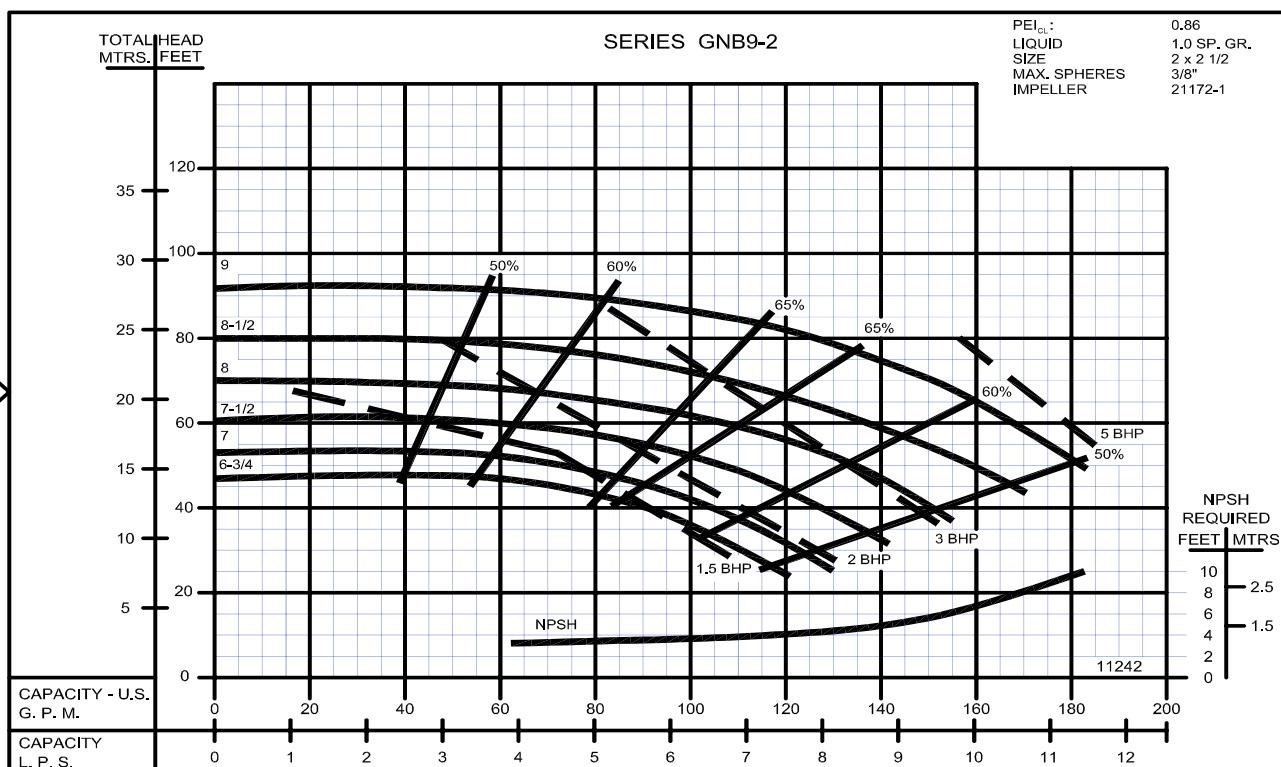
800-725-3787

PROUD DISTRIBUTOR OF
burks®

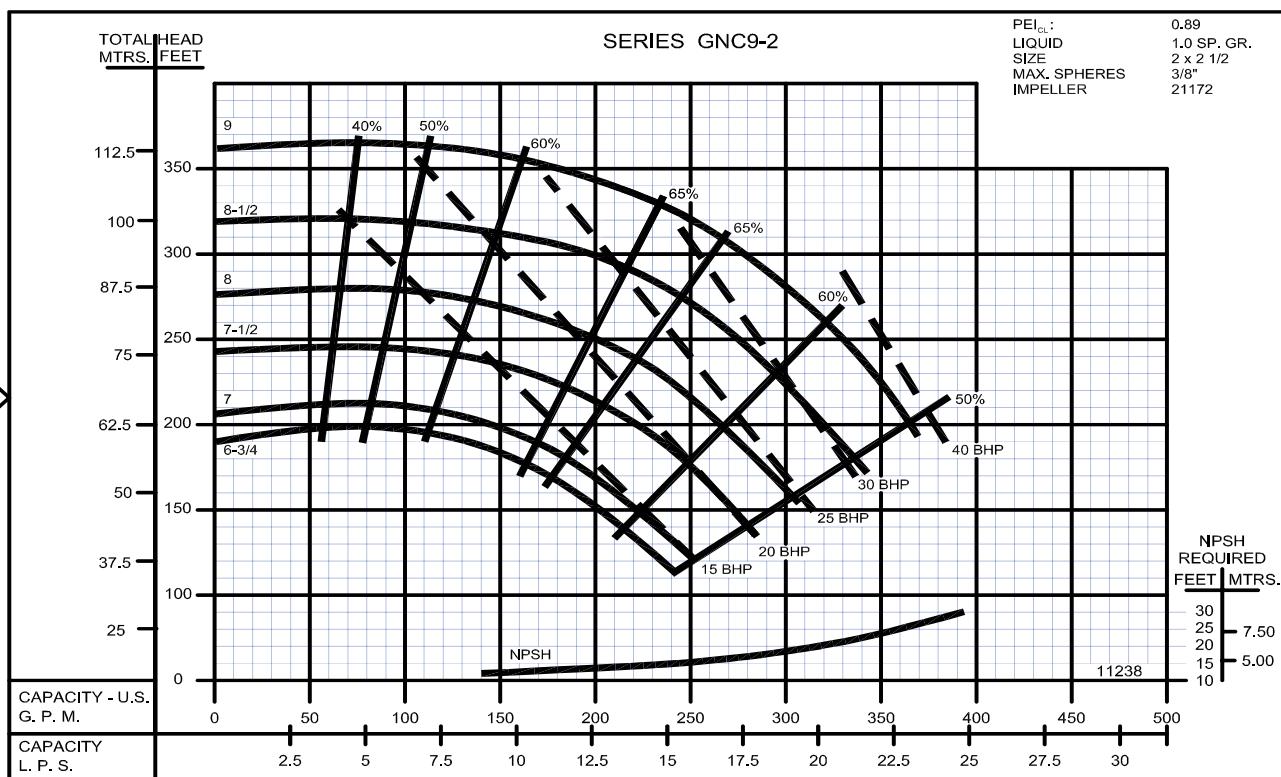
SERIES GNB, GNC – 60 Hz PERFORMANCE

Frame Mounted End Suction

1750 RPM



3500 RPM



PROUD DISTRIBUTOR OF

burks®

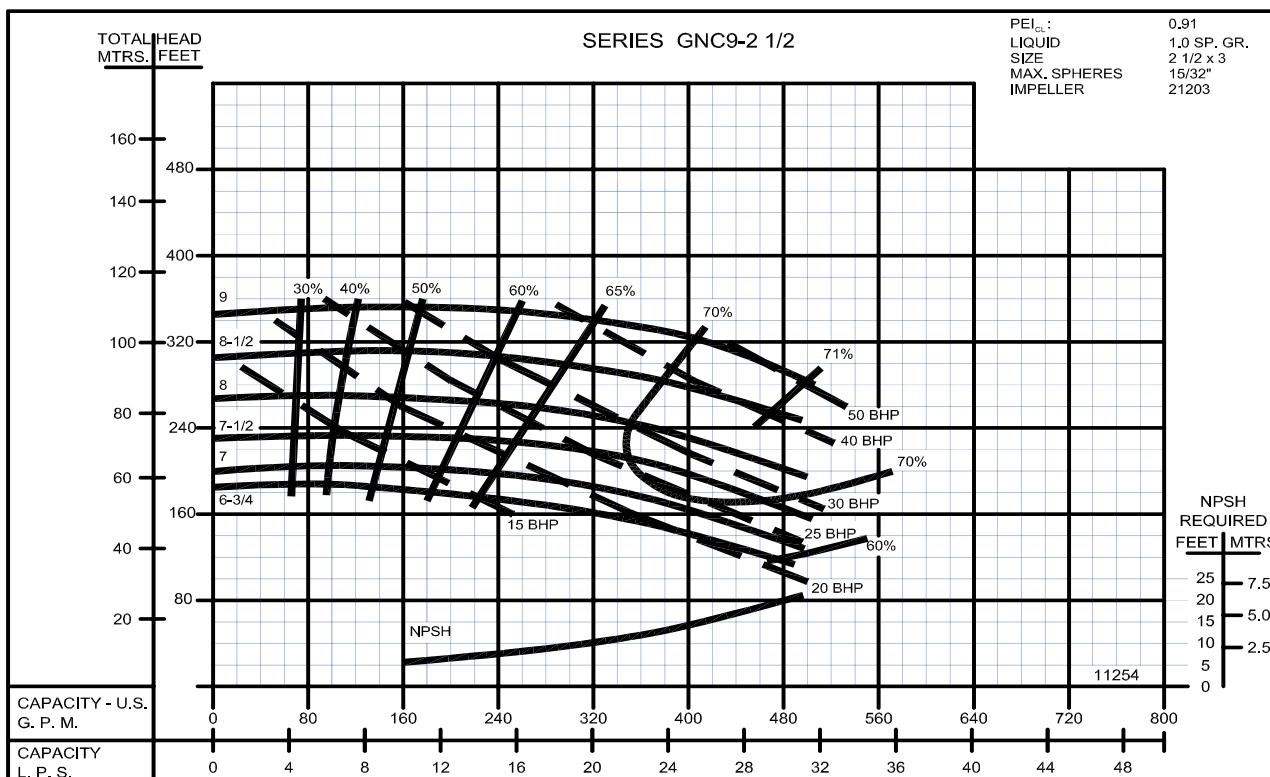
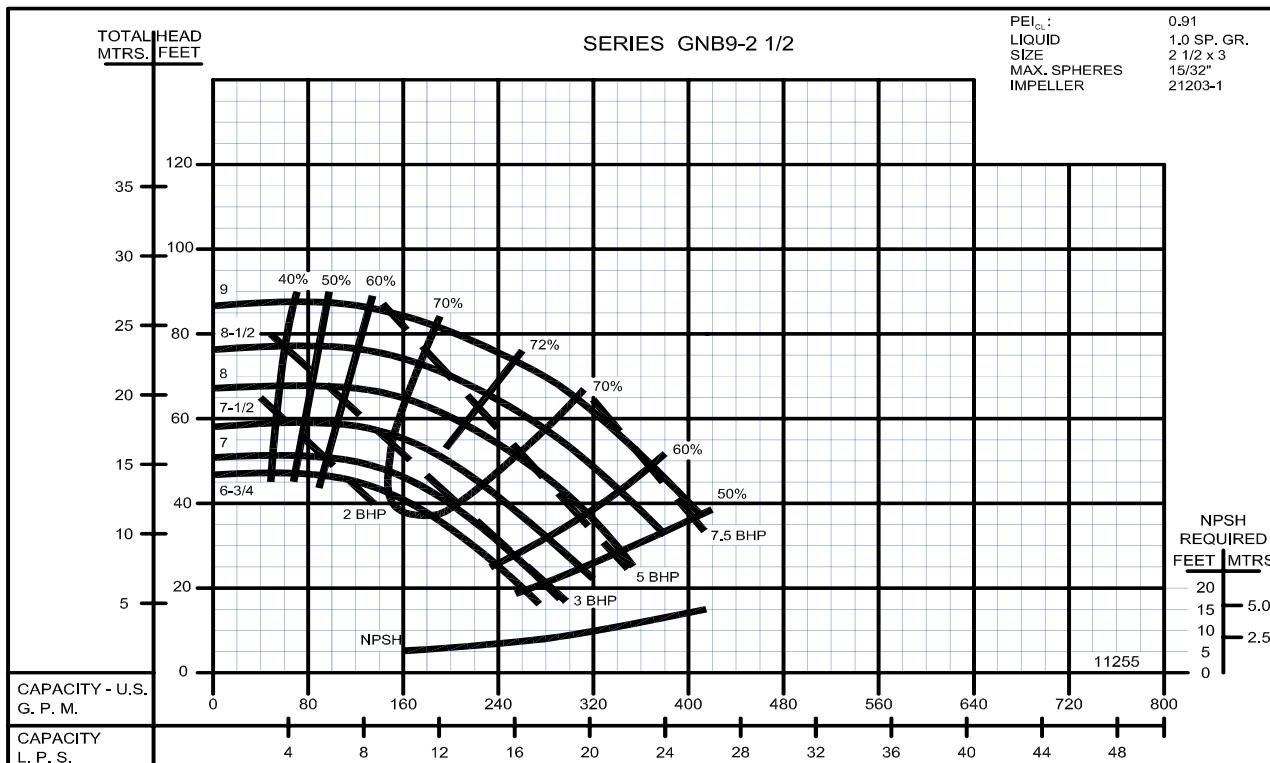
brtmarine.com

800-725-3787



SERIES GNB, GNC – 60 Hz PERFORMANCE

Frame Mounted End Suction



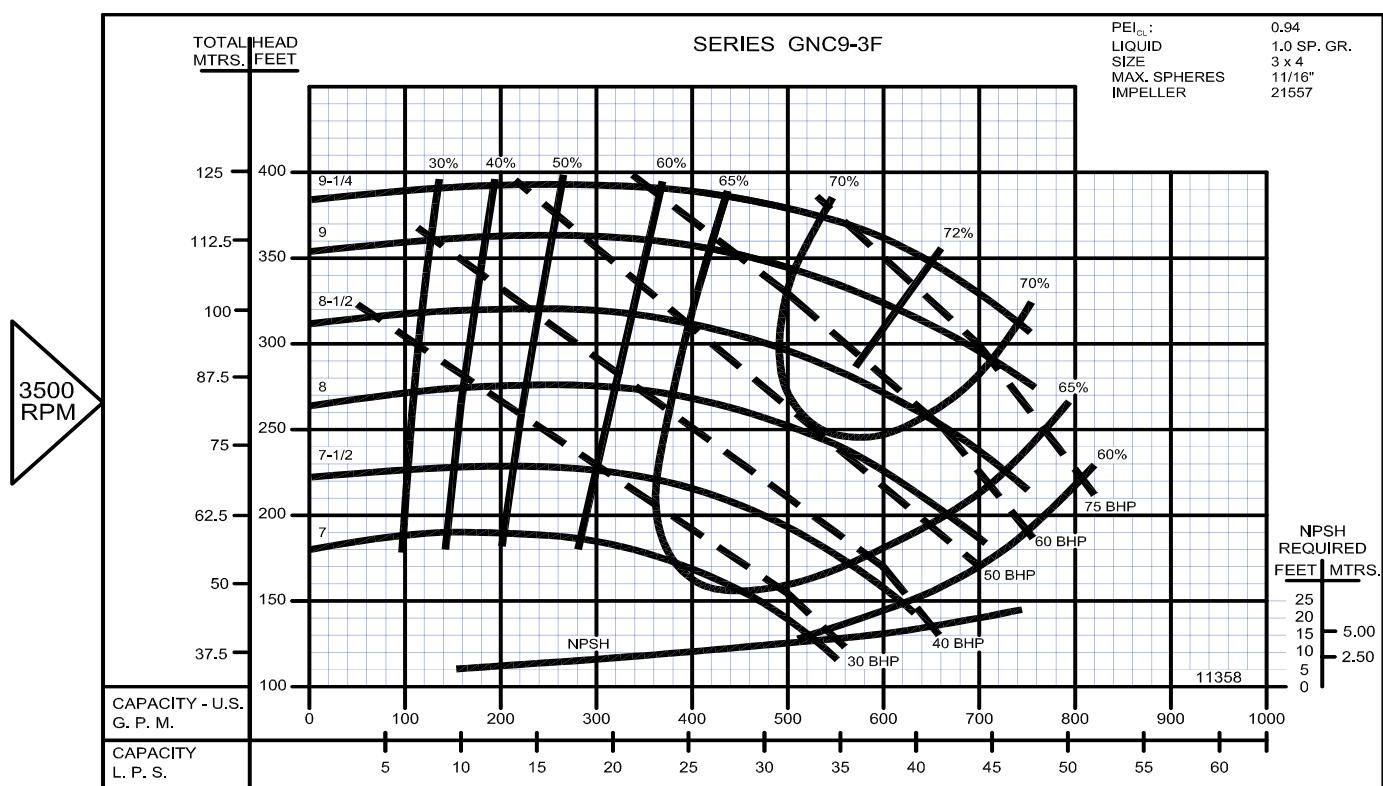
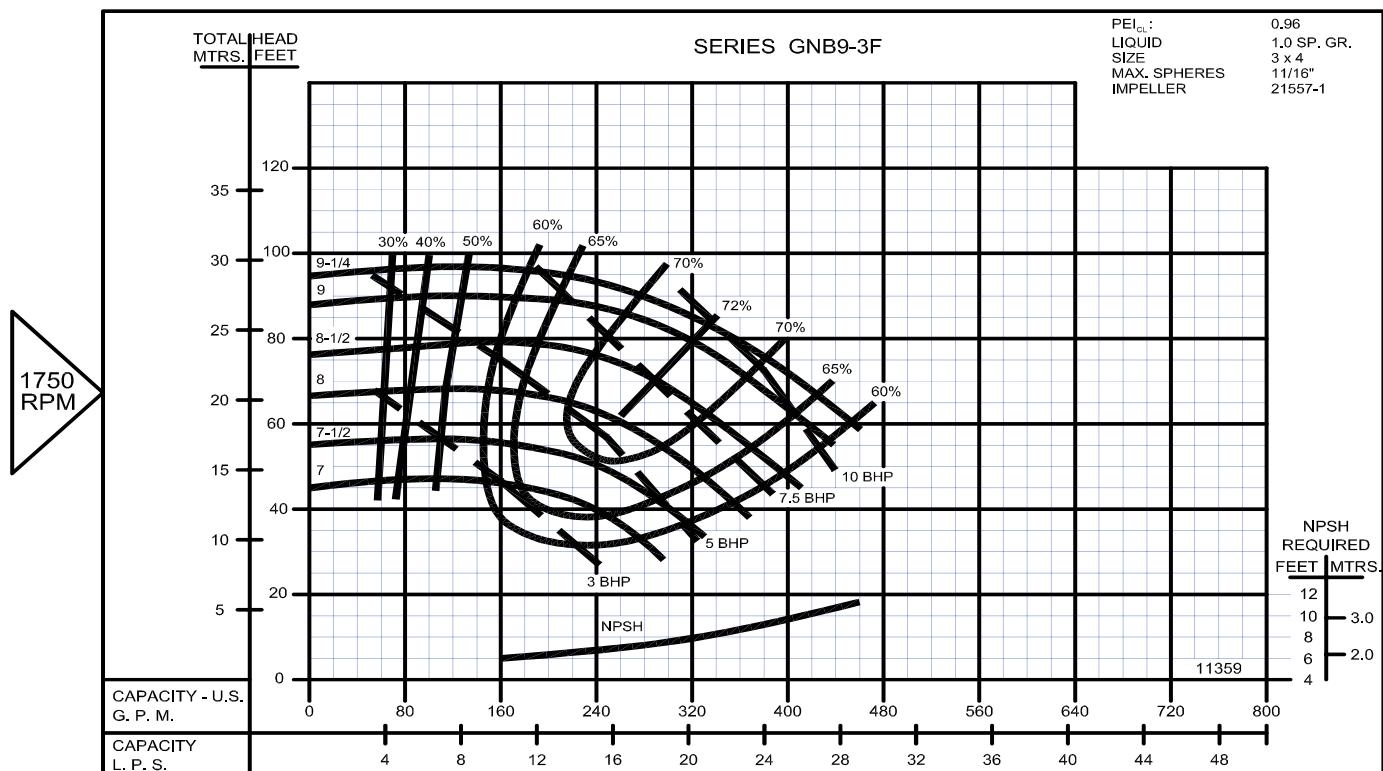
brtmarine.com

800-725-3787

PROUD DISTRIBUTOR OF
burks®

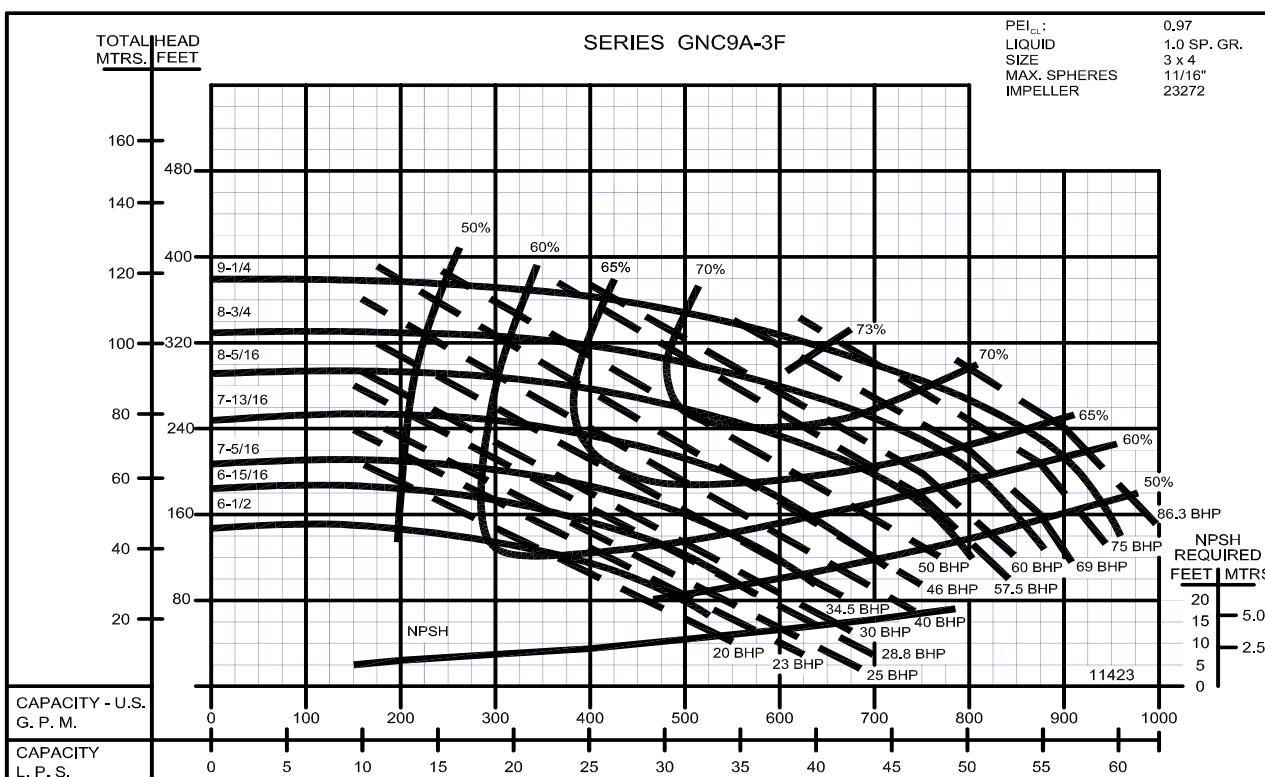
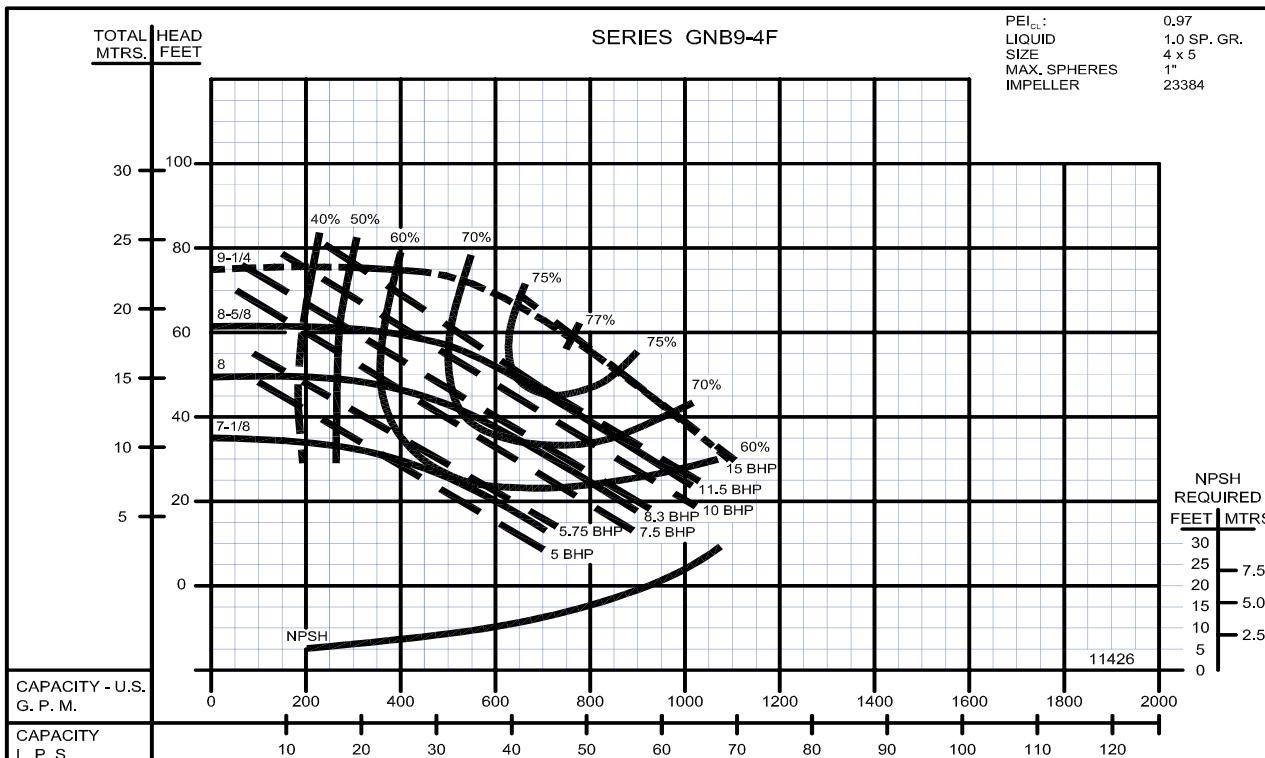
SERIES GNB, GNC – 60 Hz PERFORMANCE

Frame Mounted End Suction



SERIES GNB, GNC – 60 Hz PERFORMANCE

Frame Mounted End Suction



brtmarine.com

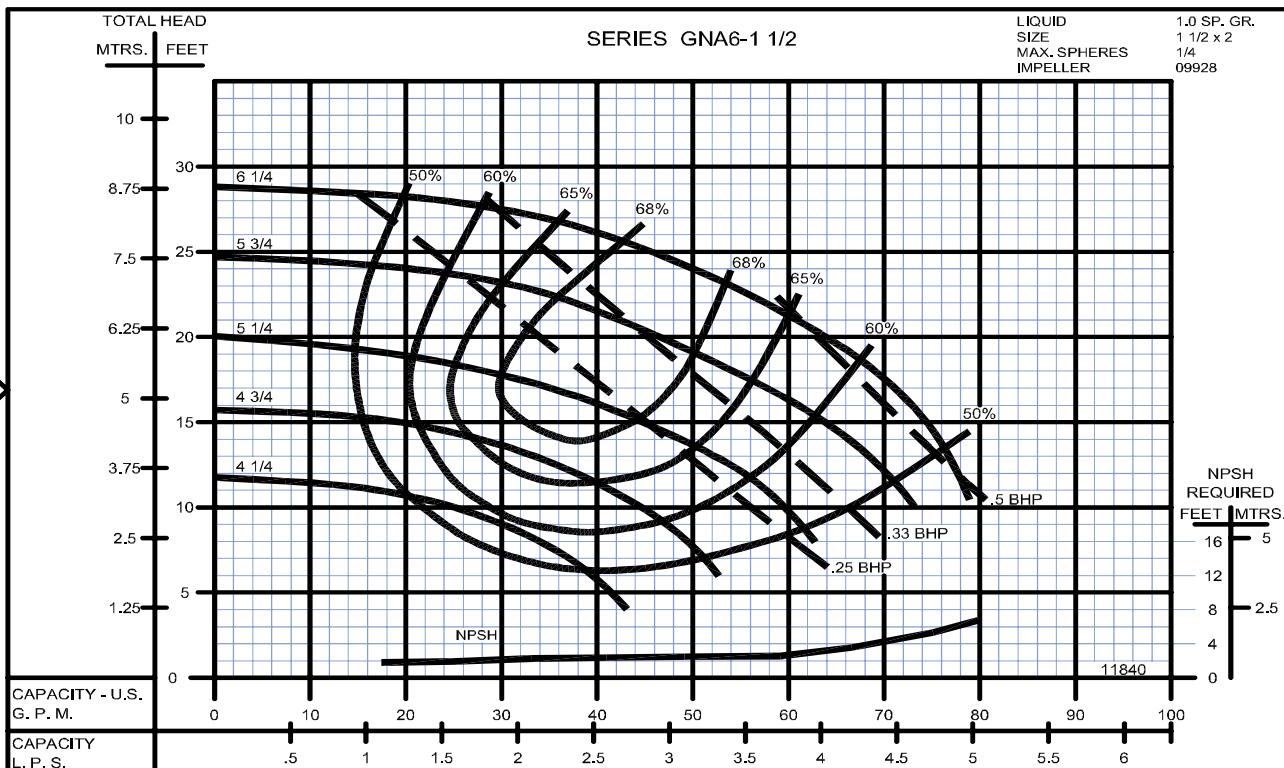
800-725-3787

PROUD DISTRIBUTOR OF
burks®

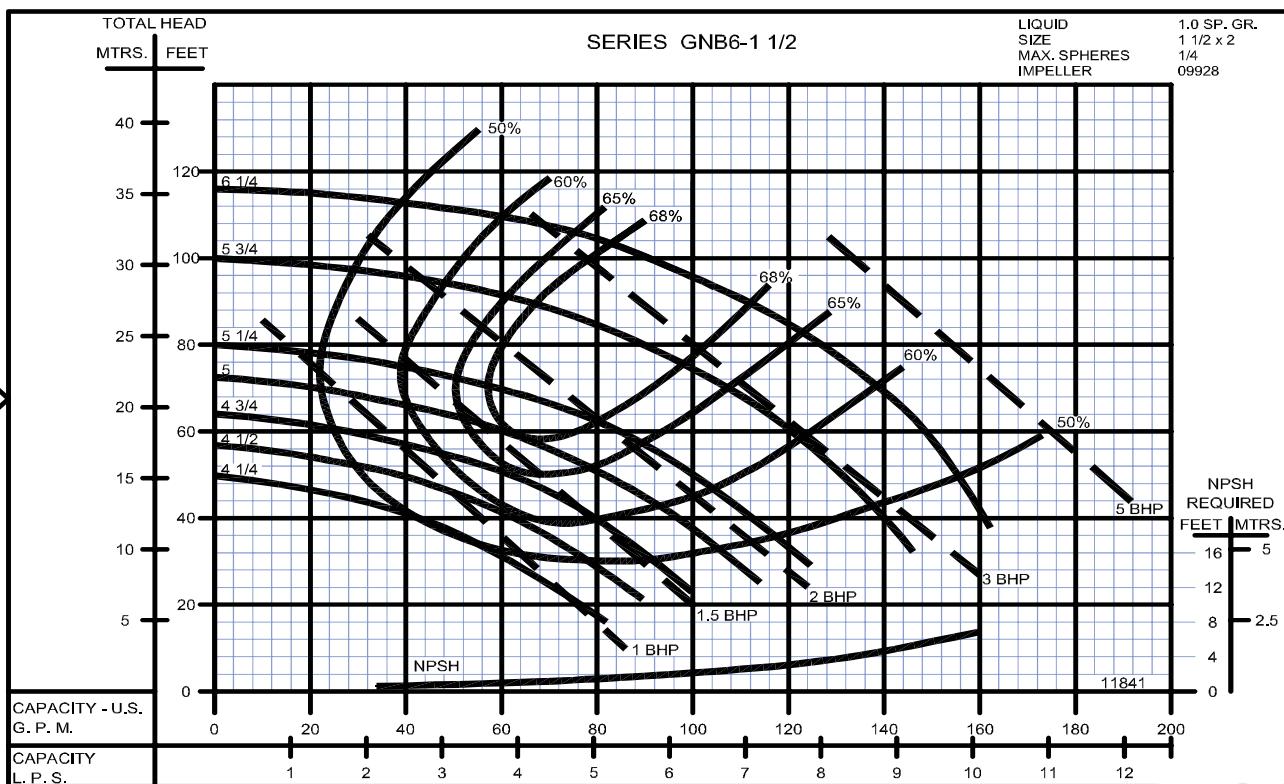
SERIES GNA, GNB — 50 Hz PERFORMANCE

Frame Mounted End Suction

1450 RPM



2900 RPM



PROUD DISTRIBUTOR OF

burks®

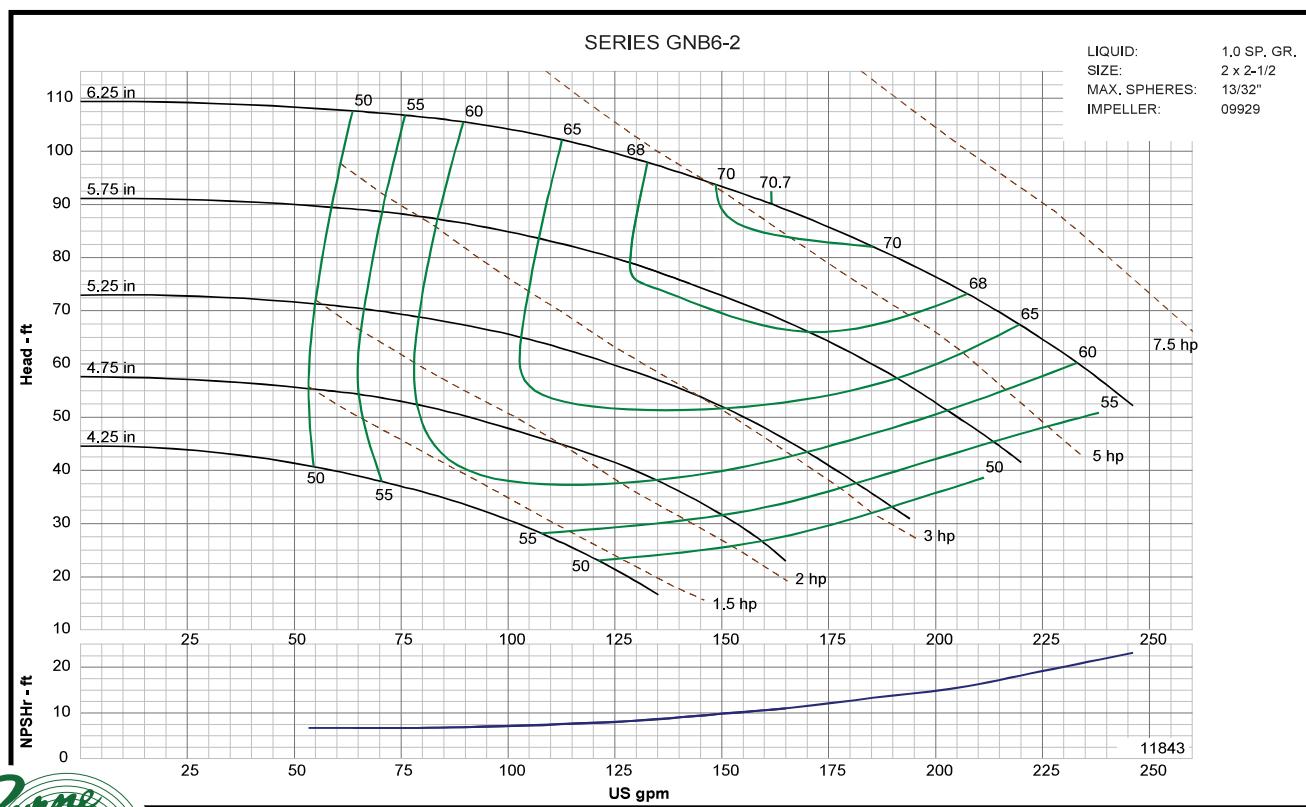
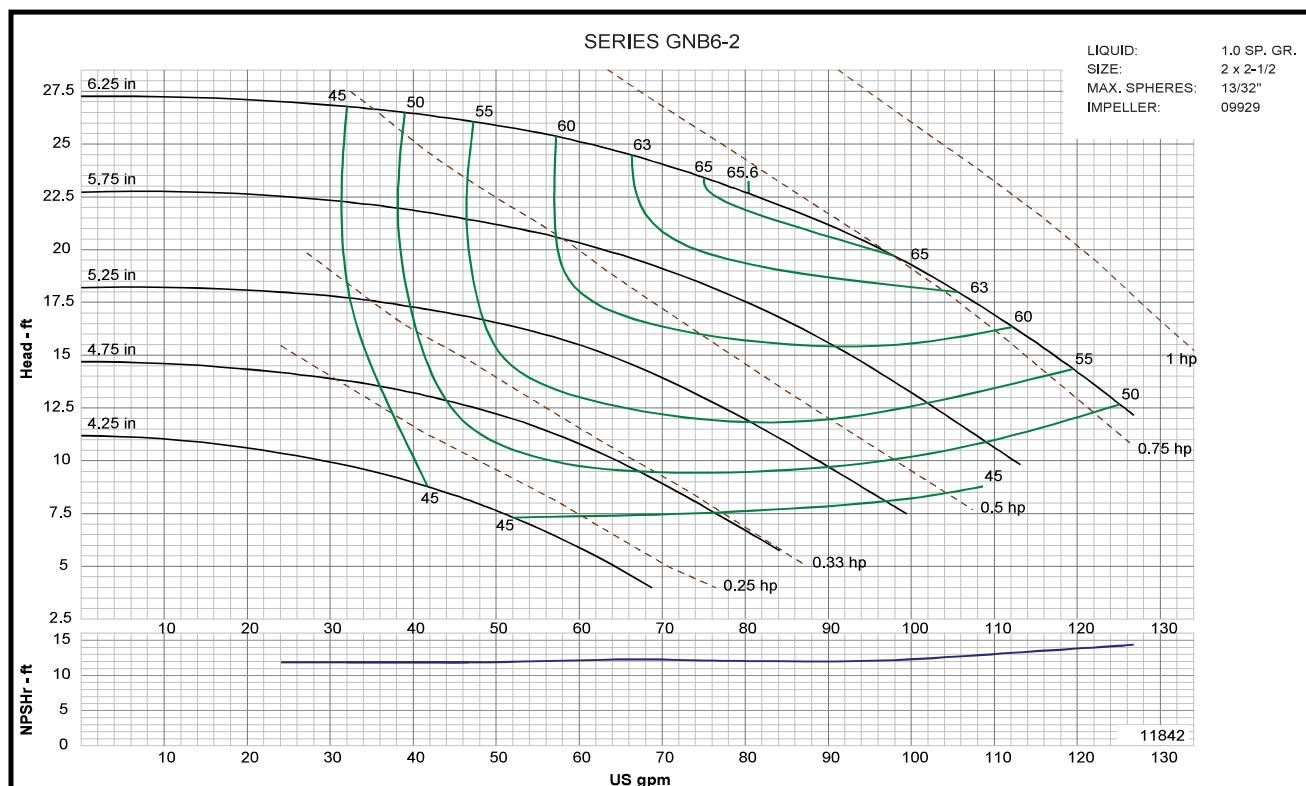
brtmarine.com

800-725-3787



SERIES GNB — 50 Hz PERFORMANCE

Frame Mounted End Suction



brtmarine.com

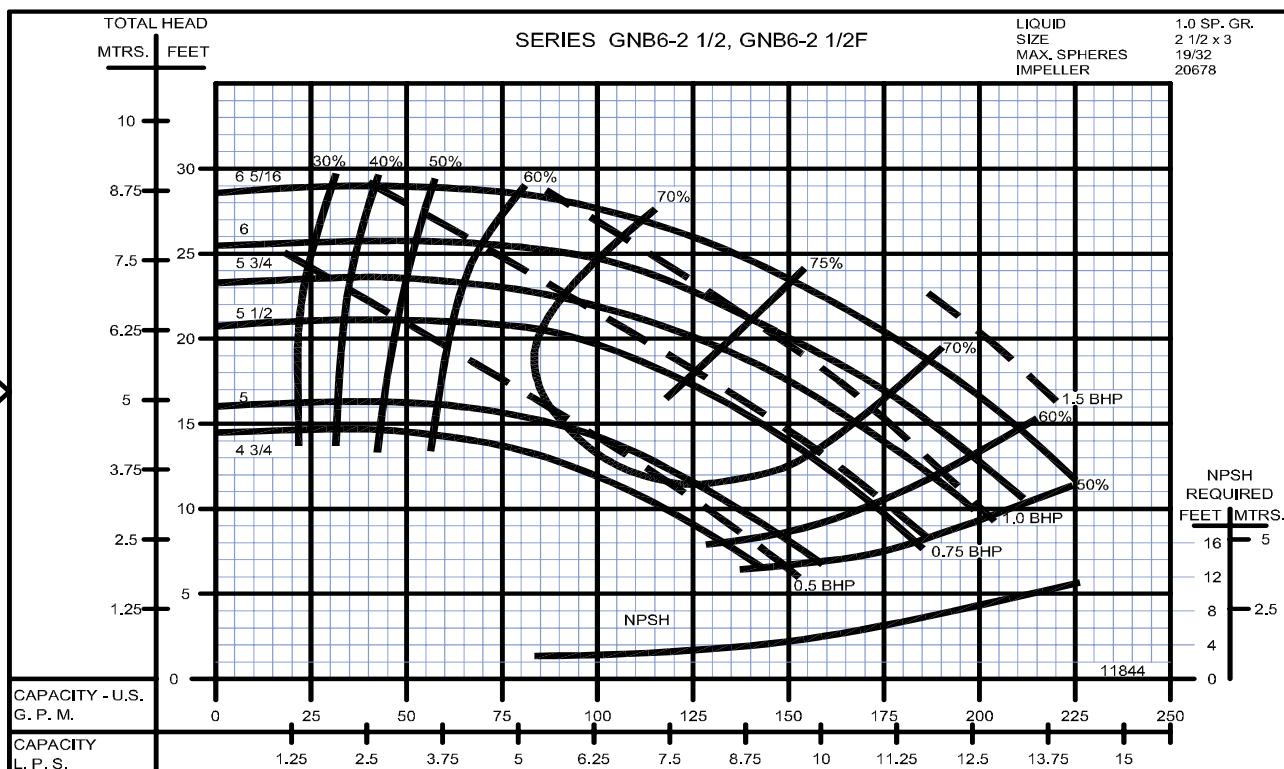
800-725-3787

PROUD DISTRIBUTOR OF
burks®

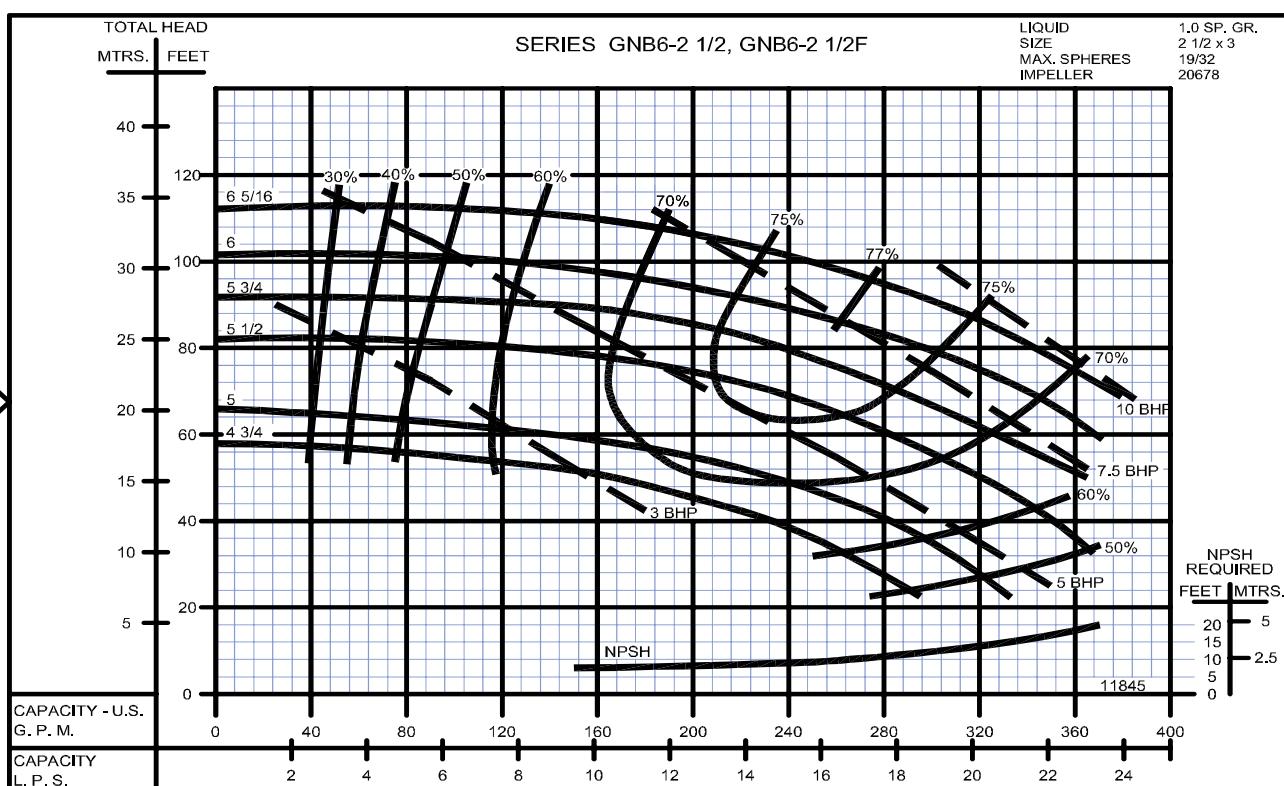
SERIES GNB — 50 Hz PERFORMANCE

Frame Mounted End Suction

1450 RPM

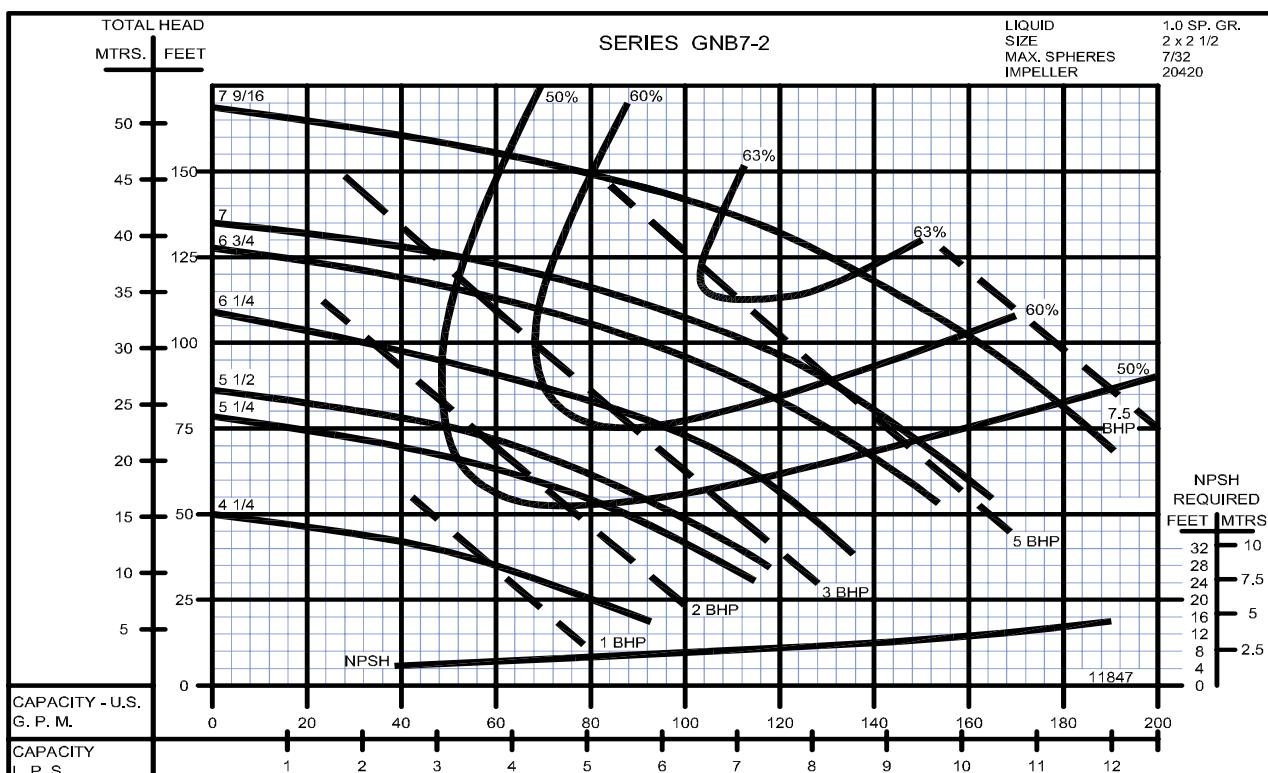
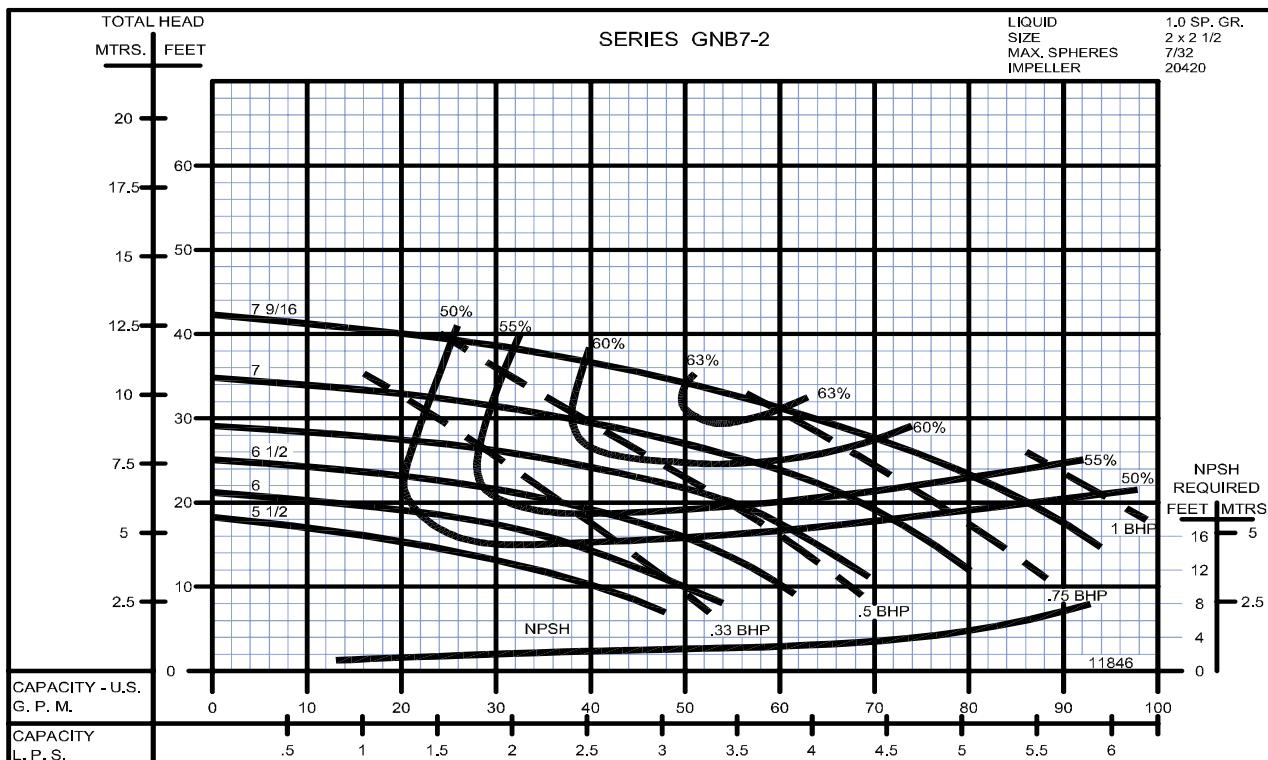


2900 RPM



SERIES GNB — 50 Hz PERFORMANCE

Frame Mounted End Suction



brtmarine.com

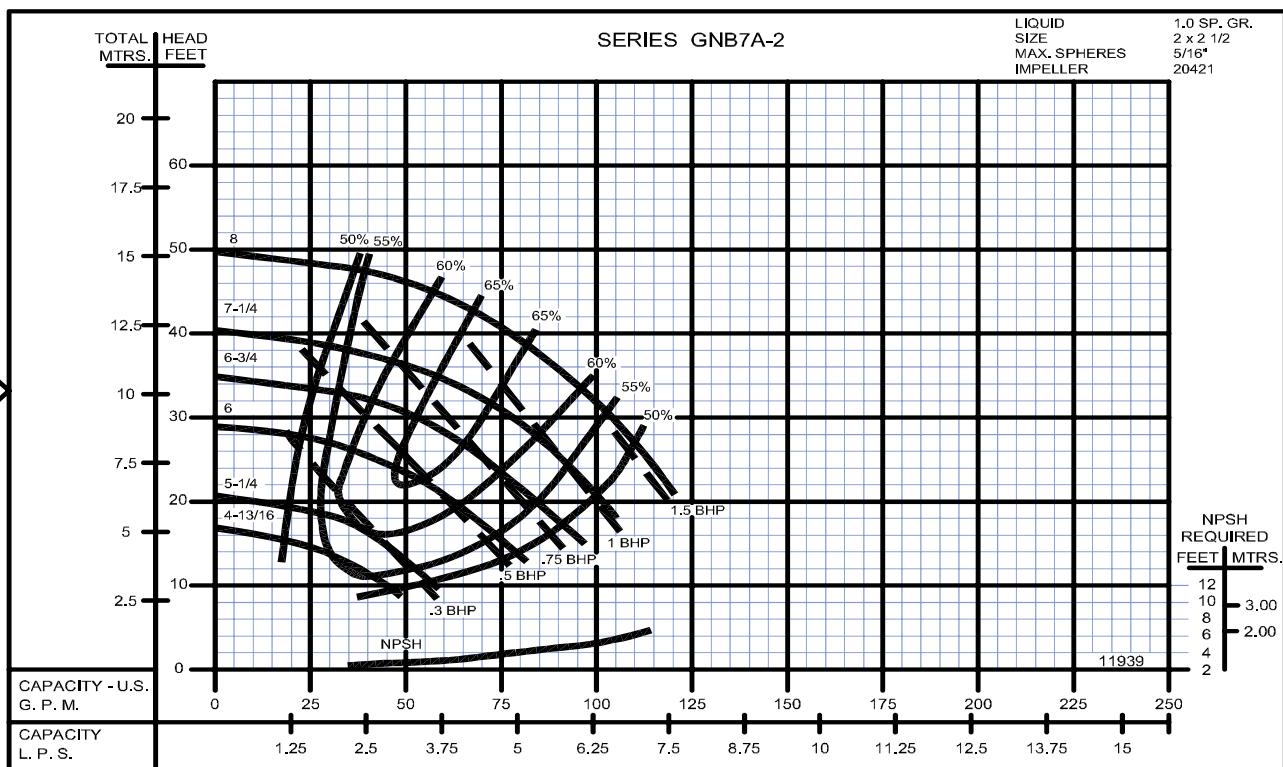
800-725-3787

PROUD DISTRIBUTOR OF
burks®

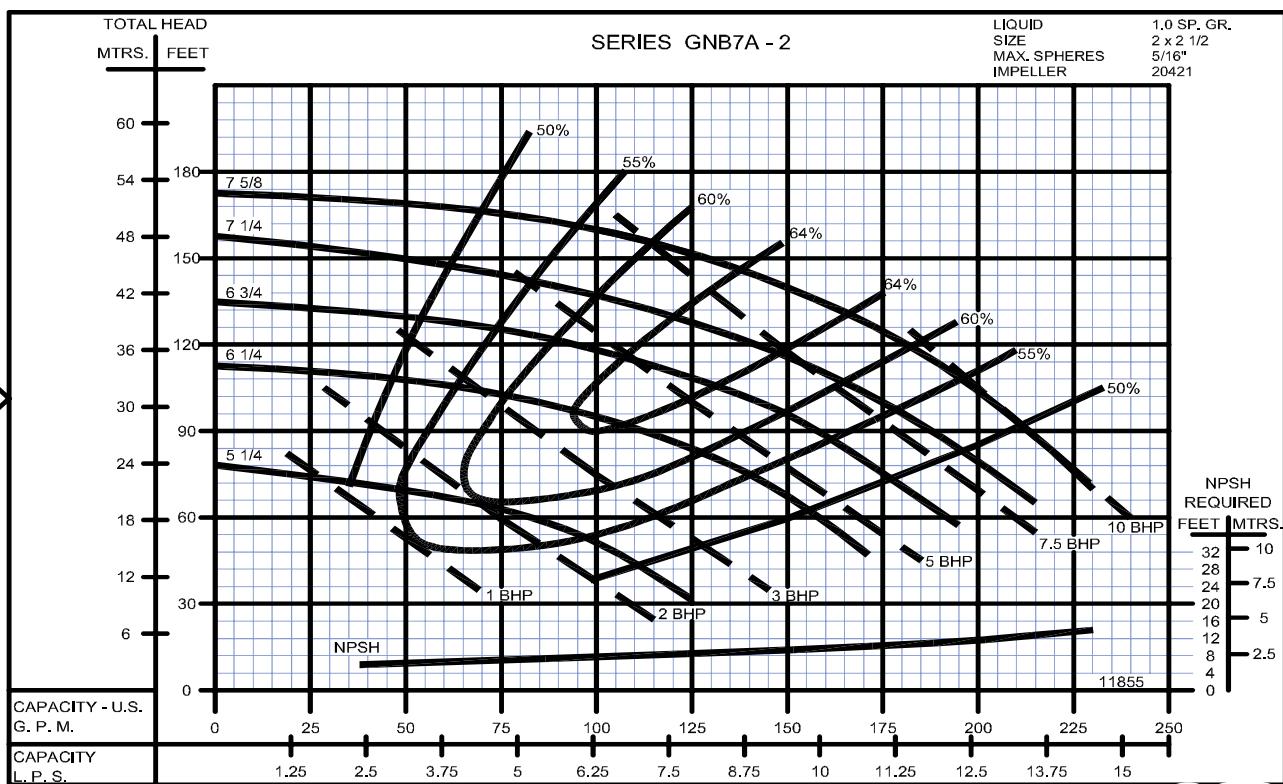
SERIES GNB — 50 Hz PERFORMANCE

Frame Mounted End Suction

1450 RPM

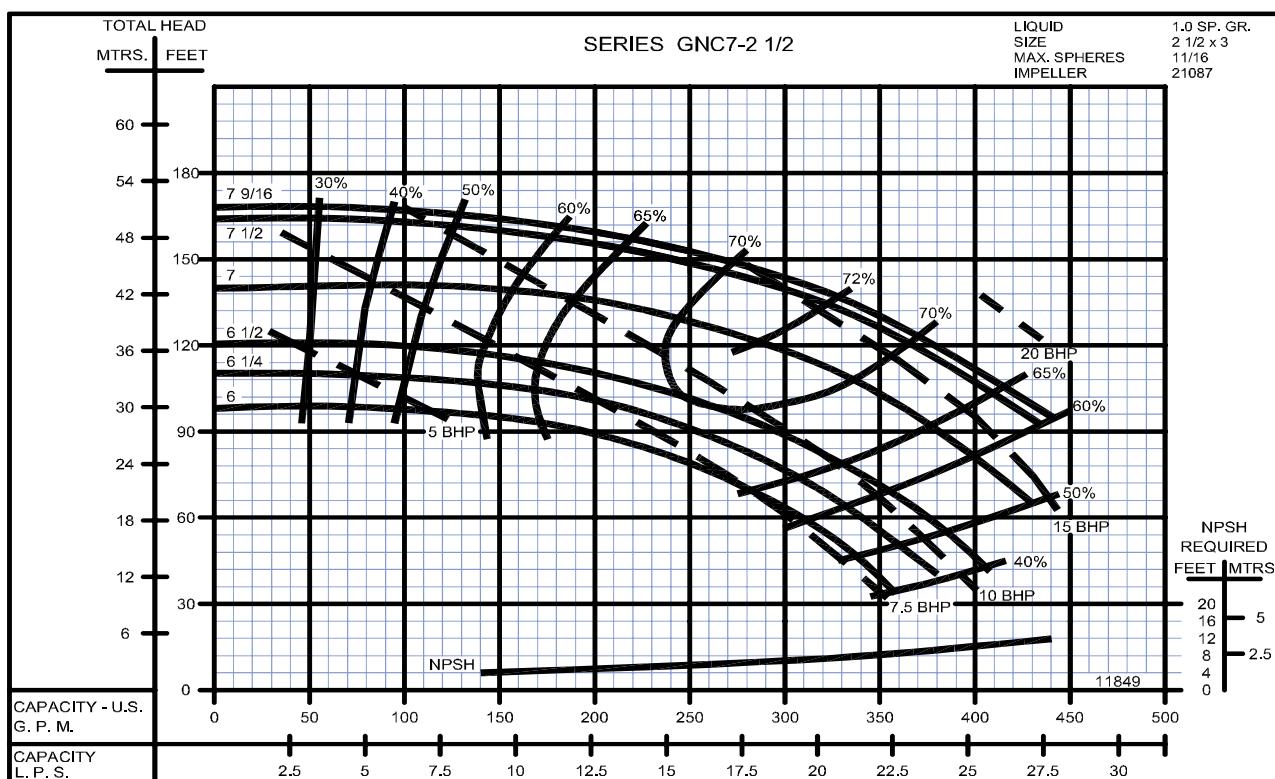
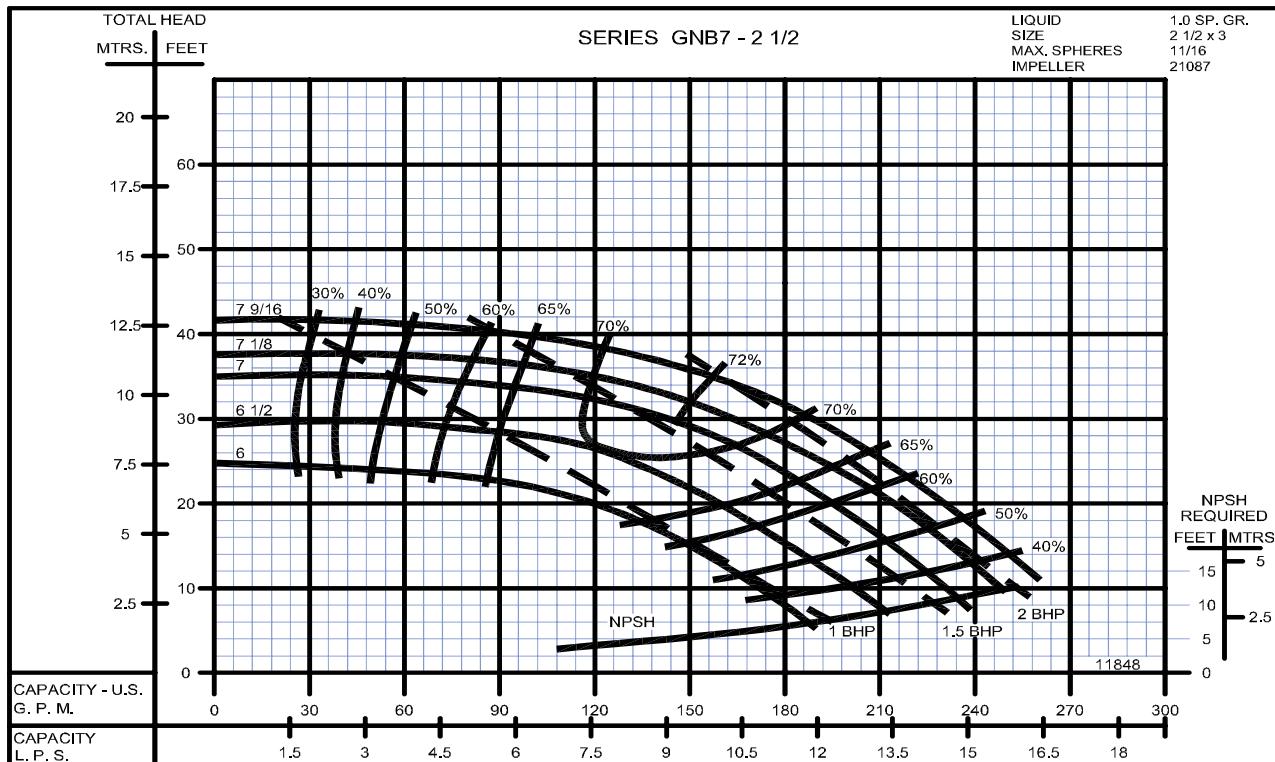


2900 RPM



SERIES EGNB, GNC – 50 Hz PERFORMANCE

Frame Mounted End Suction



brtmarine.com

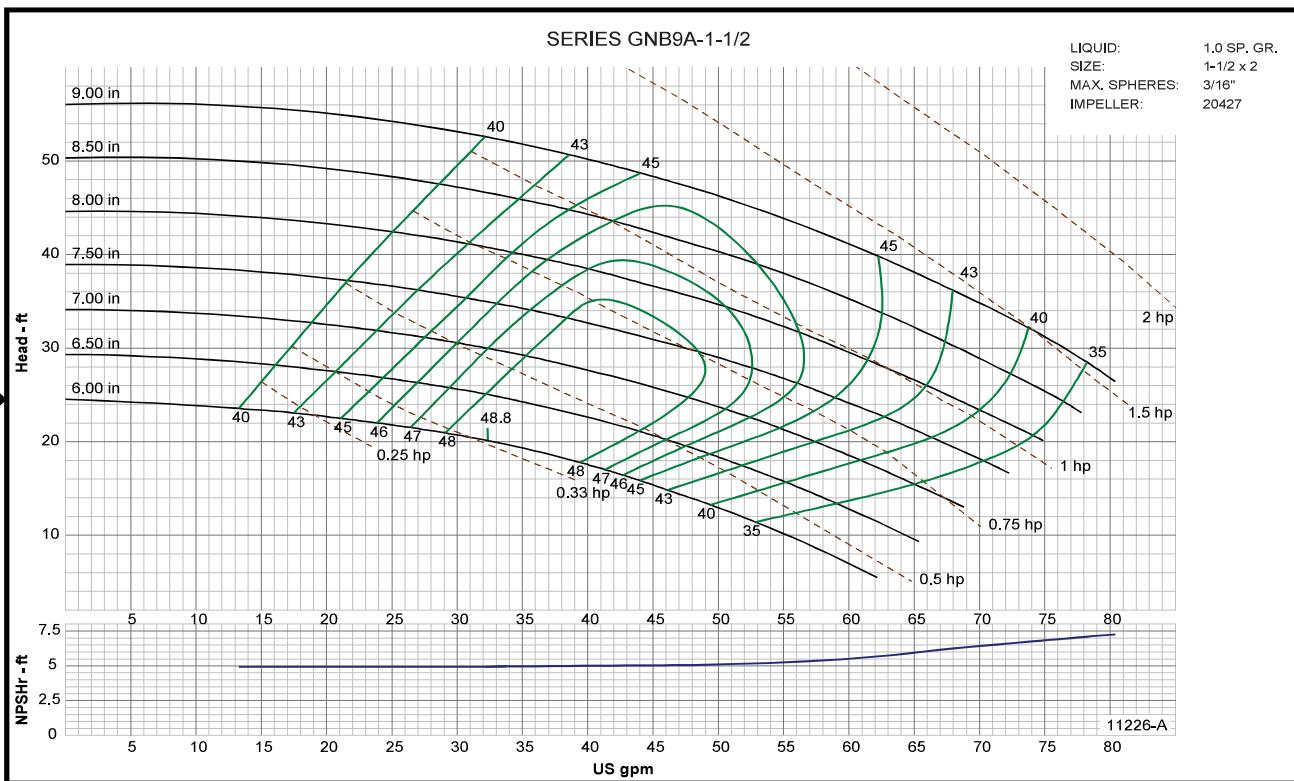
800-725-3787

PROUD DISTRIBUTOR OF
burks®

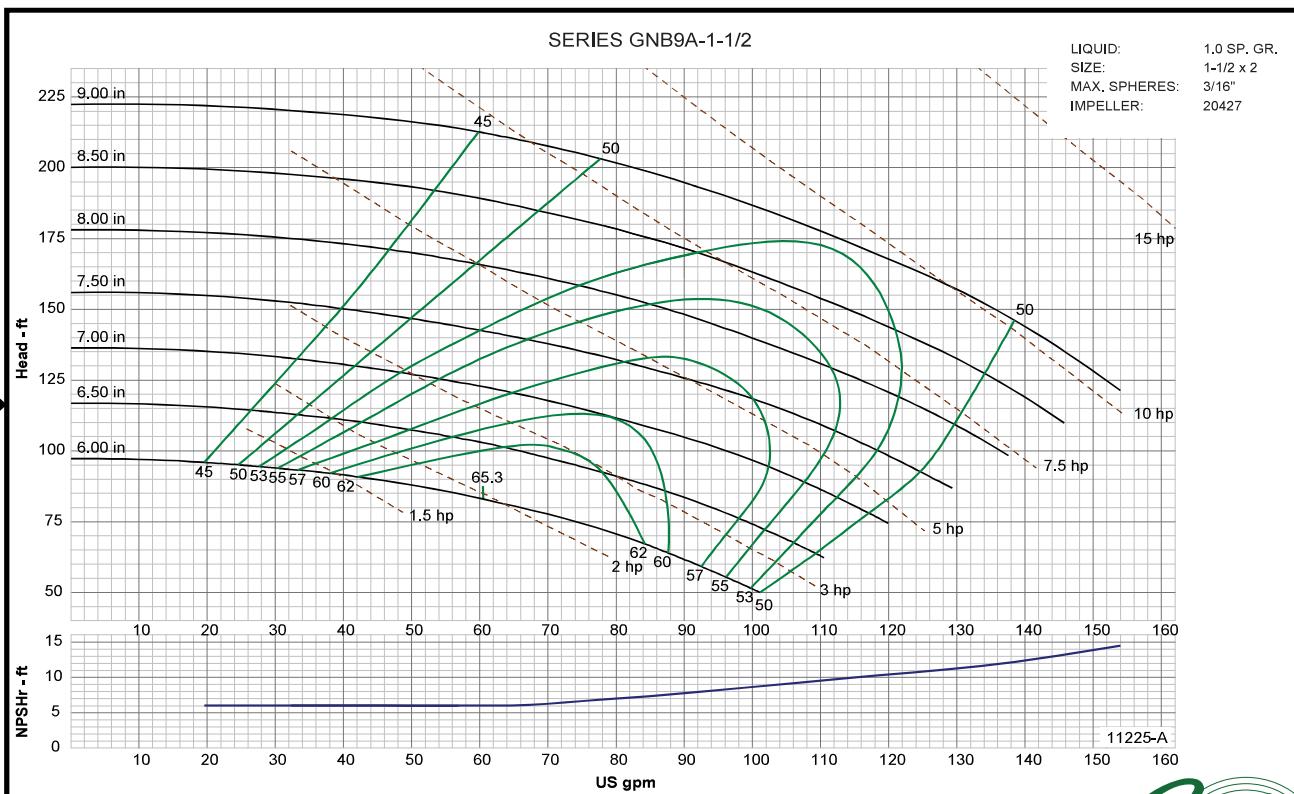
SERIES GNB — 50 Hz PERFORMANCE

Frame Mounted End Suction

1450 RPM



2900 RPM



PROUD DISTRIBUTOR OF
burks®

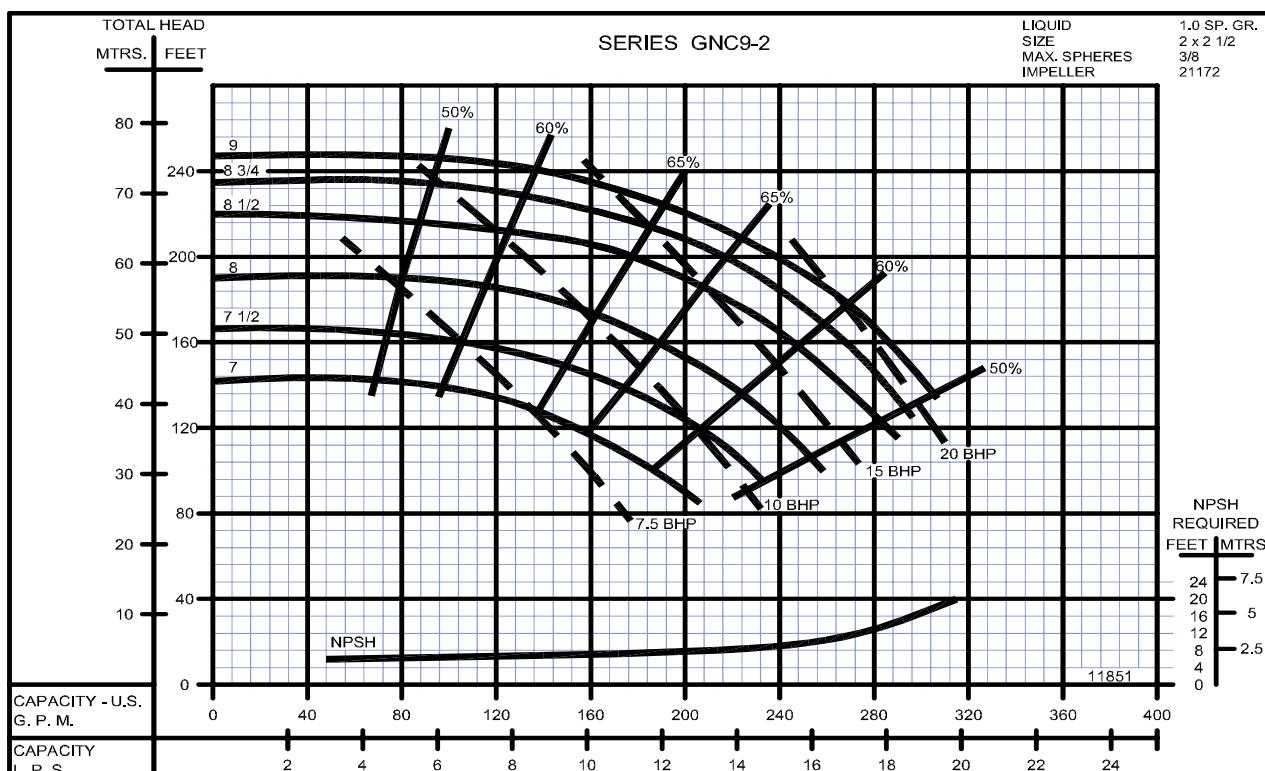
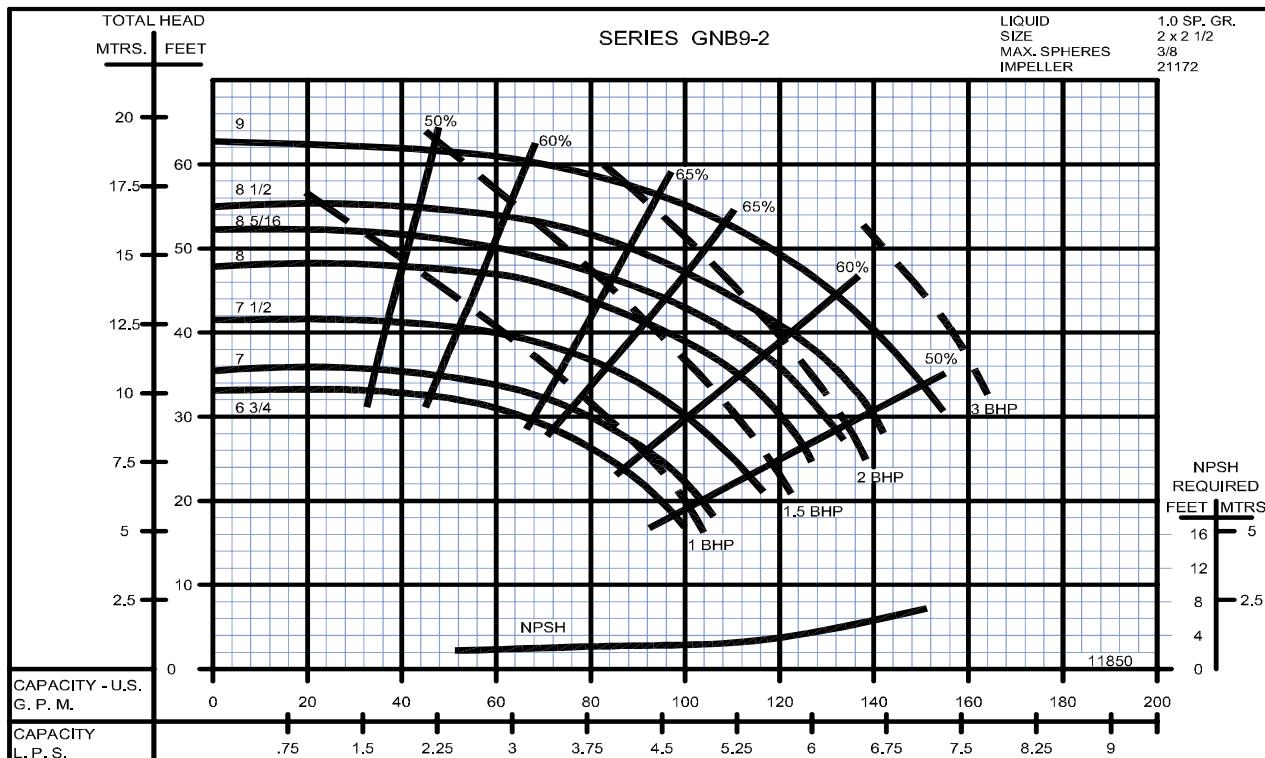
brtmarine.com

800-725-3787



SERIES GNB, GNC — 50 Hz PERFORMANCE

Frame Mounted End Suction



brtmarine.com

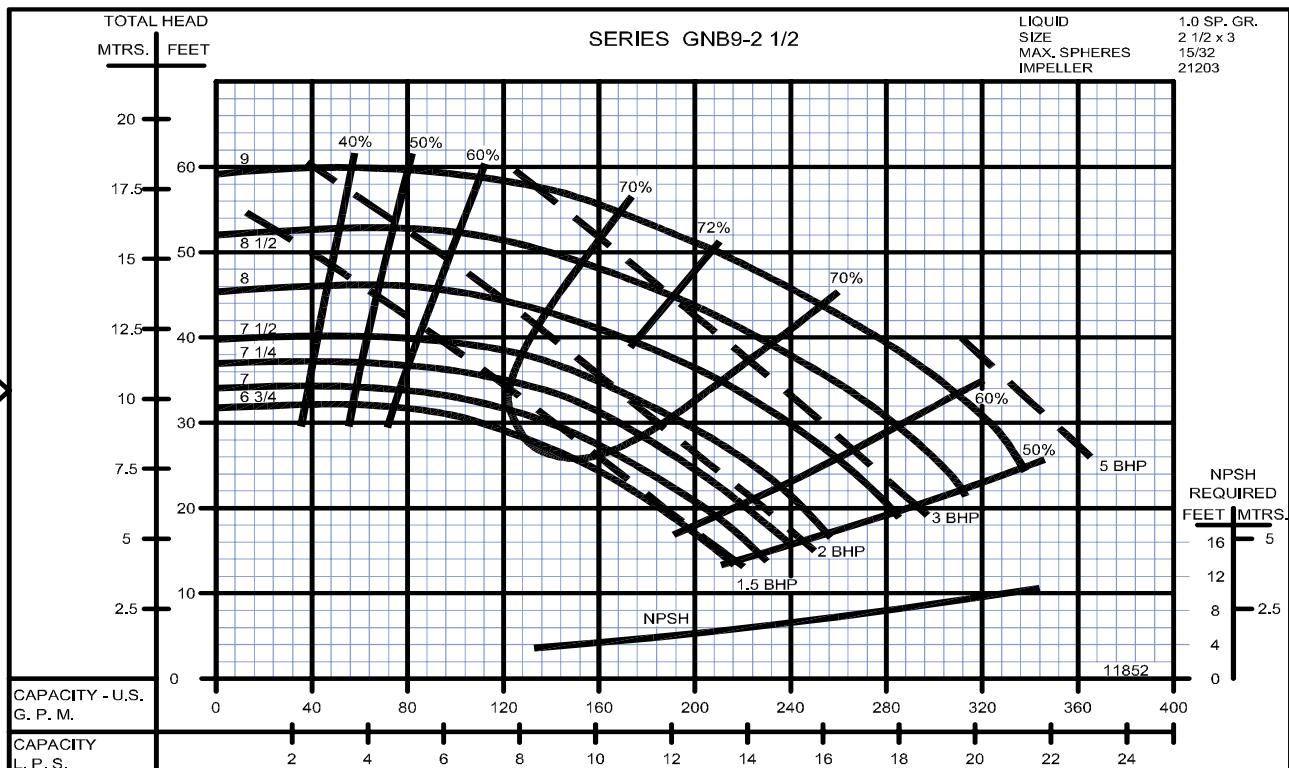
800-725-3787

PROUD DISTRIBUTOR OF
burks®

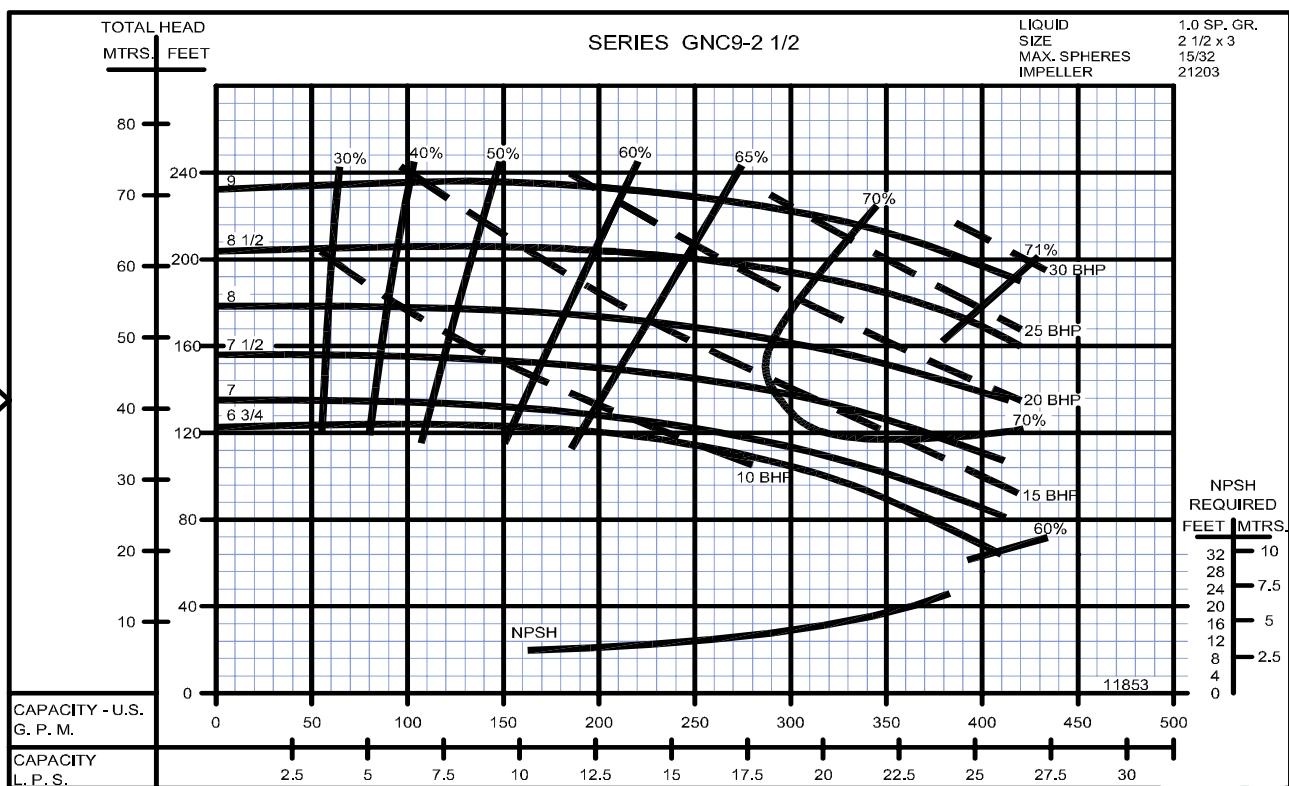
SERIES GNB, GNC – 50 Hz PERFORMANCE

Frame Mounted End Suction

1450 RPM



2900 RPM



PROUD DISTRIBUTOR OF

burks®

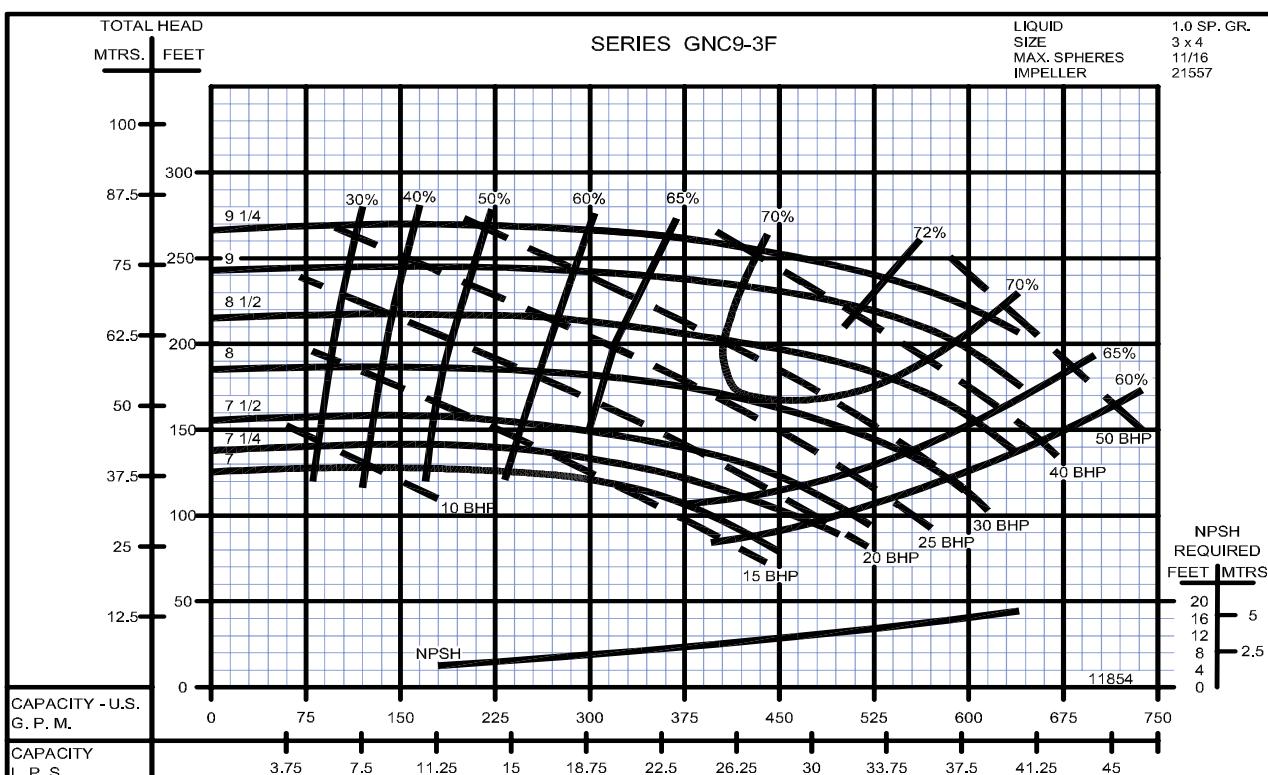
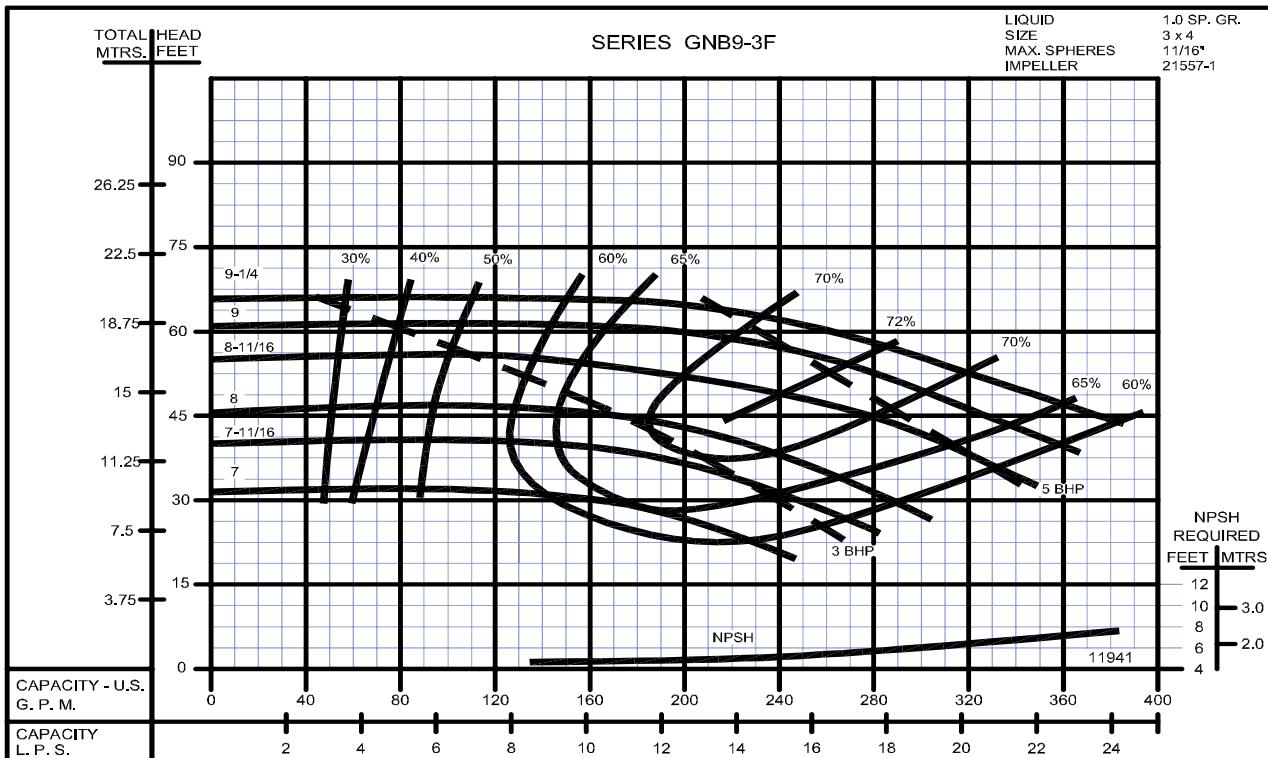
brtmarine.com

800-725-3787



SERIES GNB, GNC – 50 Hz PERFORMANCE

Frame Mounted End Suction



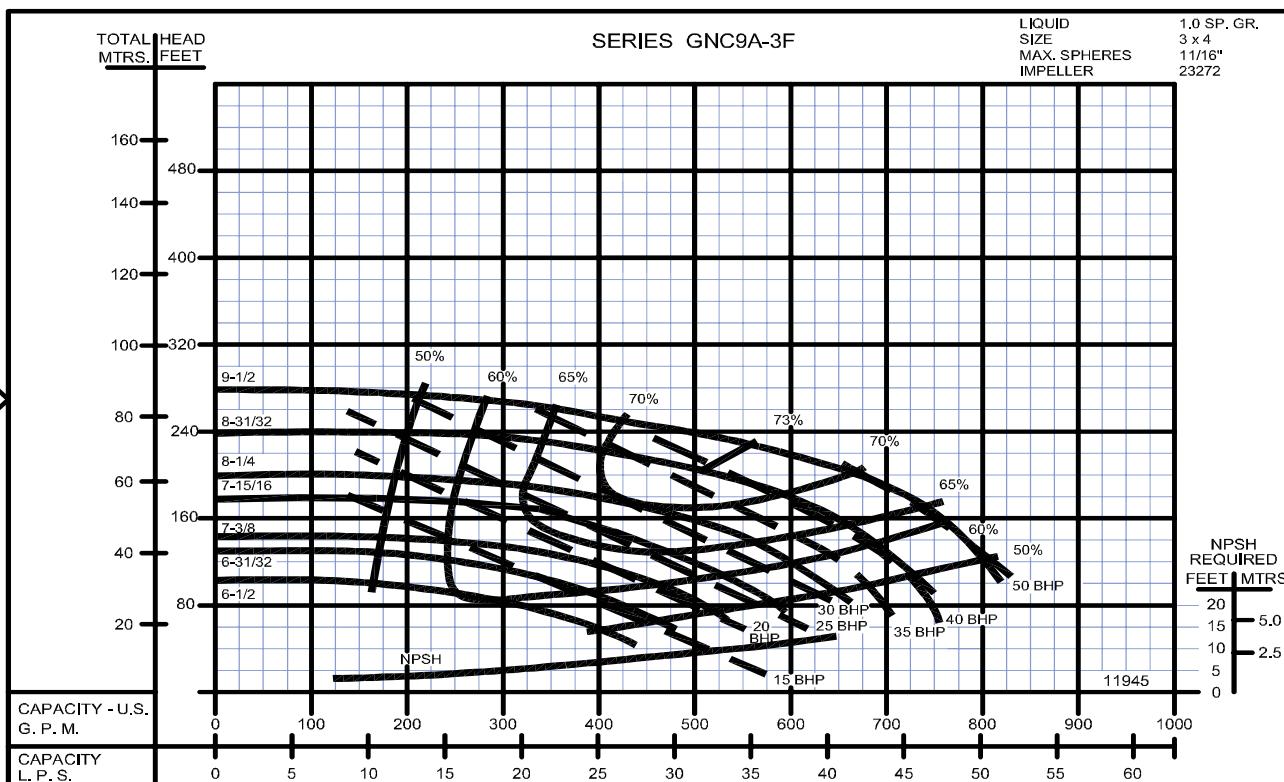
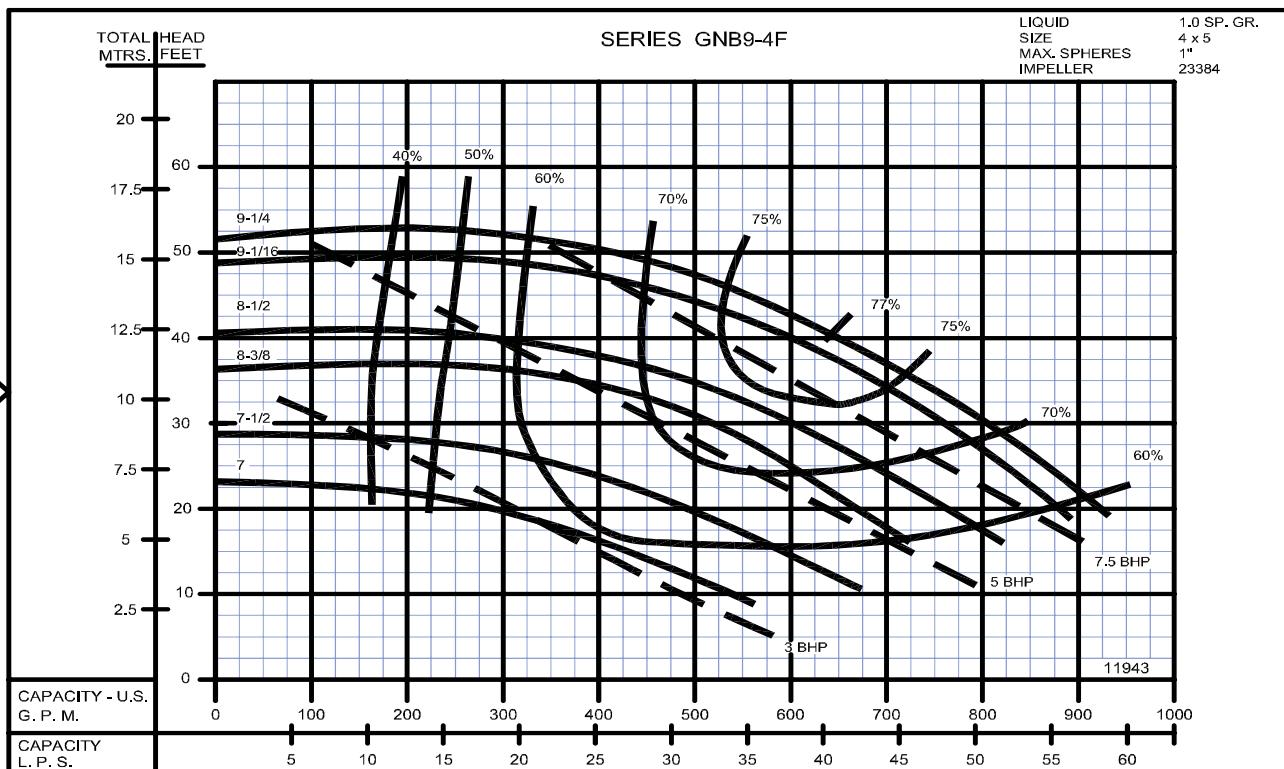
brtmarine.com

800-725-3787

Proud Distributor Of
burks®

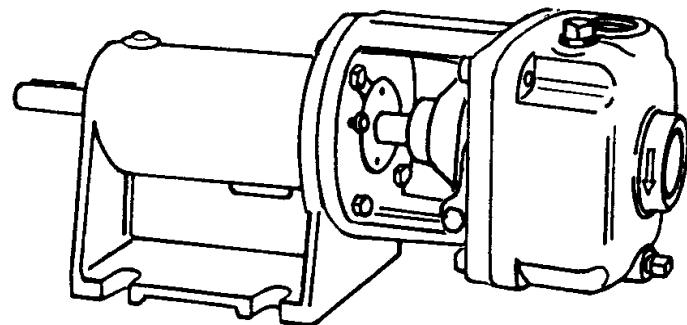
SERIES GNB, GNC – 50 Hz PERFORMANCE

Frame Mounted End Suction

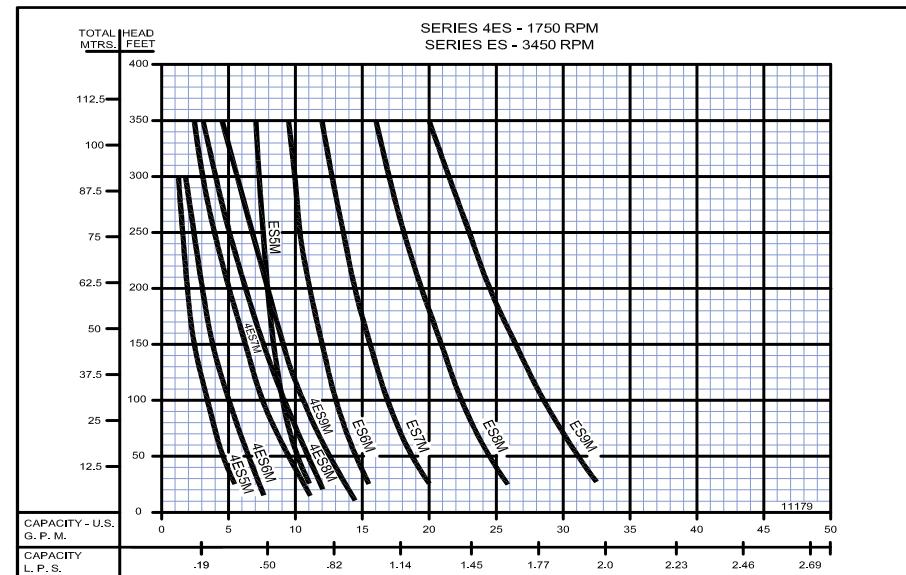


SERIES ES

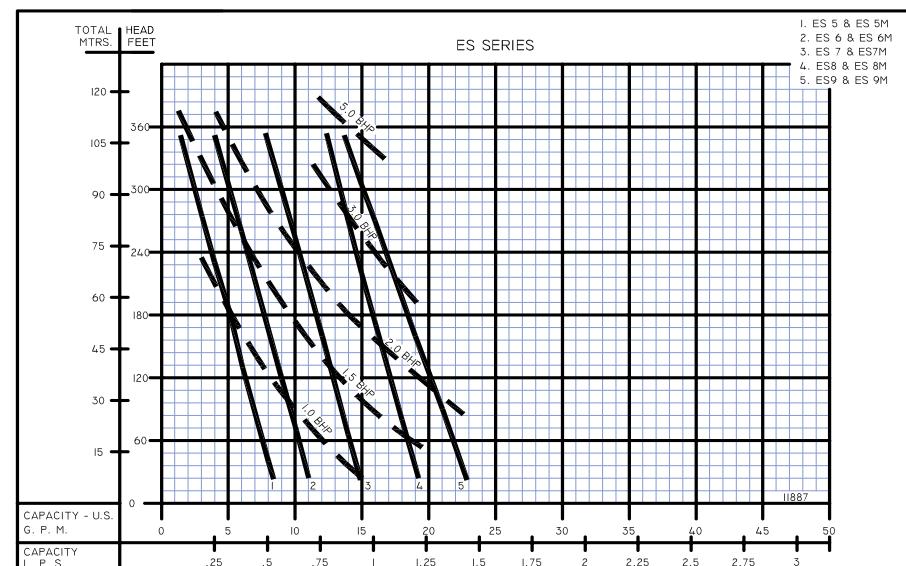
Frame Mounted Regenerative Turbine



**4ES - 1725 RPM - 60Hz.
ES - 3450 RPM - 60Hz.**
(See Individual curves for symbol number)



ES - 2900 RPM - 50Hz.
(See Individual curves for symbol number)



Individual performance curves should be checked for final selection.



brtmarine.com

800-725-3787

PROUD DISTRIBUTOR OF
burks®

SERIES ES – 60 Hz PERFORMANCE

Frame Mounted Regenerative Turbine

60Hz - PERFORMANCE AND SELECTION CHART															
Capacity in GPM (LPS) at Total Head in Feet (m) or Pressure Shown															
Catalog Number	PSI (kpa)	8.6 (59)	17.2 (118)	26 (179)	43.3 (298)	54.1 (373)	64.9 (447)	75.8 (522)	86.6 (597)	97.4 (671)	108.3 (746)	119.1 (821)	130 (896)	140.1 (965)	151.8 (1045)
	Feet (m)	20 (6)	40 (12)	60 (18)	100 (30)	125 (38)	150 (45)	175 (53)	200 (60)	225 (68)	250 (76)	275 (83)	300 (91)	325 (99)	350 (106)
ES5M	GPM (LPS) BHP	5.6 (.35) .10	4.9 (.30) .12	4.2 (.26) .15	3.2 (.20) .22	2.8 (.17) .28	2.4 (.15) .35	2.1 (.13) .41	1.8 (.11) .48	1.6 (.10) .52	1.4 (.08) .59	1.2 (.07) .65	1.0 (.06) .69		
	Motor Size	1/4 HP			1/3 HP		1/2 HP			3/4 HP					
ES6M	GPM (LPS) BHP	7.7 (.48) .15	6.9 (.43) .20	6.2 (.39) .25	5.0 (.31) .35	4.4 (.27) .42	3.9 (.24) .48	3.6 (.22) .52	3.2 (.20) .58	2.9 (.18) .62	2.6 (.16) .65	2.4 (.15) .70	2.1 (.13) .78		
	Motor Size	1/4 HP			1/2 HP			3/4 HP			1 HP				
ES7M	GPM (LPS) BHP	10.5 (.66) .20	9.4 (.59) .28	8.6 (.54) .32	7.2 (.45) .48	6.5 (.41) .55	5.9 (.37) .64	5.4 (.34) .75	4.8 (.30) .85	4.4 (.27) .92	4.0 (.25) .1.10	3.5 (.22) .1.20	3.1 (.19) .1.35	2.7 (.17) .1.50	2.3 (.14) .1.70
	Motor Size	1/4 HP		1/3 HP		1/2 HP		3/4 HP		1 HP		1 1/4 HP		1 1/2 HP	
ES8M	GPM (LPS) BHP	12.1 (.76) .35	11.2 (.70) .42	10.3 (.64) .50	8.9 (.56) .65	8.2 (.51) .75	7.5 (.47) .85	6.8 (.42) .95	6.2 (.39) .1.10	5.6 (.35) .1.20	5.0 (.31) .1.35	4.5 (.28) .1.5	4.0 (.25) .1.6	3.6 (.22) .1.75	3.1 (.19) .1.95
	Motor Size	1/2 HP			3/4 HP			1 HP			1 1/2 HP			2 HP	
ES9M	GPM (LPS) BHP	14.5 (.91) .40	13.1 (.82) .52	12.1 (.76) .61	10.4 (.65) .80	9.6 (.60) .90	8.8 (.55) .1.05	8.2 (.51) .1.15	7.5 (.47) .1.30	6.9 (.43) .1.42	6.3 (.39) .1.60	5.7 (.35) .1.75	5.2 (.32) .1.90	4.8 (.30) .2.10	4.2 (.26) .2.35
	Motor Size	1/2 HP		3/4 HP		1 HP		1 1/2 HP			2 HP			3 HP	

1750 RPM

60Hz - PERFORMANCE AND SELECTION CHART															
Capacity in GPM (LPS) at Total Head in Feet (m) or Pressure Shown															
Catalog Number	PSI (kpa)	8.6 (59)	17.2 (118)	26 (179)	43.3 (298)	54.1 (373)	64.9 (447)	75.8 (522)	86.6 (597)	97.4 (671)	108.3 (746)	119.1 (821)	130 (896)	140.1 (965)	151.8 (1045)
	Feet (m)	20 (6)	40 (12)	60 (18)	100 (30)	125 (38)	150 (45)	175 (53)	200 (60)	225 (68)	250 (76)	275 (83)	300 (91)	325 (99)	350 (106)
ES5M	GPM (LPS) BHP	10.8 (.68) .60	10.4 (.65) .65	10.0 (.63) .65	9.2 (.58) .70	8.8 (.55) .80	8.6 (.54) .91	8.3 (.52) .98	8.0 (.50) .1.10	7.8 (.49) .1.20	7.6 (.47) .1.30	7.4 (.46) .1.52	7.2 (.45) .1.75	7.1 (.44) .1.85	7.0 (.44) .2.00
	Motor Size	3/4 HP			1 HP			1 1/2 HP			2 HP				
ES6M	GPM (LPS) BHP	15.6 (.98) .85	15.2 (.95) .90	14.6 (.92) .1.00	13.5 (.85) .1.20	12.9 (.81) .1.35	12.4 (.78) .1.45	11.9 (.75) .1.60	11.6 (.73) .1.70	11.2 (.70) .1.85	10.8 (.68) .1.95	10.4 (.65) .2.10	10.1 (.63) .2.20	9.8 (.61) .2.30	9.5 (.59) .2.50
	Motor Size	1 HP			1 1/2 HP			2 HP			3 HP				
ES7M	GPM (LPS) BHP	20.0 (1.26) .1.30	19.6 (1.23) .1.38	18.7 (1.17) .1.55	17.3 (1.09) .1.80	16.6 (1.04) .1.95	15.9 (1.00) .2.12	15.3 (.96) .2.28	14.8 (.93) .2.45	14.3 (.90) .2.60	13.8 (.87) .2.80	13.3 (.83) .2.95	12.8 (.80) .3.15	12.5 (.78) .3.25	12.1 (.75) .3.5
	Motor Size	1 1/2 HP		2 HP			3 HP			5 HP				7 1/2 HP	
ES8M	GPM (LPS) BHP	26.2 (1.65) .1.60	25.6 (1.61) .1.70	24.5 (1.54) .1.80	22.9 (1.44) .2.20	22.0 (1.38) .2.40	21.2 (1.33) .2.60	20.5 (1.29) .2.80	19.8 (1.24) .3.00	19.2 (1.21) .3.30	18.5 (1.16) .3.60	18.0 (1.13) .3.80	17.4 (1.09) .4.10	16.9 (1.06) .4.40	16.4 (1.03) .4.90
	Motor Size	2 HP			3 HP			5 HP			7 1/2 HP				
ES9M	GPM (LPS) BHP	32.0 (2.01) .2.00	31.5 (1.98) .2.10	30.5 (1.92) .2.30	28.6 (1.61) .2.70	27.5 (1.73) .3.00	26.5 (1.67) .3.20	25.6 (1.61) .3.50	24.7 (1.55) .3.70	23.9 (1.50) .3.90	23.0 (1.45) .4.20	22.2 (1.40) .4.40	21.5 (1.35) .4.60	20.7 (1.30) .4.90	20.0 (1.26) .5.10
	Motor Size	2 HP		3 HP			5 HP			7 1/2 HP					

3450 RPM

SERIES ES — 50 Hz PERFORMANCE

Frame Mounted Regenerative Turbine

50Hz - PERFORMANCE AND SELECTION CHART															
Capacity in GPM (LPS) at Total Head in Feet (m) or Pressure Shown															
Catalog Number	PSI (kpa)	13 (89)	17.2 (118)	26 (179)	43.3 (298)	54.1 (373)	64.9 (447)	75.8 (522)	86.6 (597)	97.4 (671)	108.3 (746)	119.1 (821)	130 (896)	140.1 (965)	151.8 (1045)
	Feet (m)	30 (9)	40 (12)	60 (18)	100 (30)	125 (38)	150 (45)	175 (53)	200 (60)	225 (68)	250 (76)	275 (83)	300 (91)	325 (99)	350 (106)
ES5M	GPM (LPS)	8.2 (.51)	8.0 (.50)	7.5 (.47)	6.6 (.41)	6.0 (.37)	5.6 (.35)	5.2 (.32)	4.8 (.30)	4.0 (.25)	3.5 (.22)	3.0 (.18)	2.5 (.15)		
	BHP	.990	.991	.994	.996	.998	1.00	1.05	1.11	1.23	1.33	1.43	1.51		
Motor Size		1 HP						1½ HP							
ES6M	GPM (LPS)	11.0 (.69)	10.5 (.66)	10.3 (.64)	9.2 (.58)	9.0 (.56)	8.3 (.52)	7.8 (.49)	7.3 (.46)	6.8 (.42)	6.2 (.39)	5.5 (.34)	5.0 (.31)	4.5 (.28)	4.0 (.25)
	BHP	.990	.993	.996	1.06	1.09	1.14	1.15	1.24	1.34	1.49	1.68	1.77	1.87	1.98
Motor Size		1 HP				1½ HP						2 HP			
ES7M	GPM (LPS)	15.0 (.94)	14.5 (.91)	14.0 (.88)	13.2 (.83)	12.8 (.80)	12.2 (.76)	11.7 (.73)	11.2 (.70)	10.5 (.66)	10.0 (.63)	9.5 (.59)	9.0 (.56)	8.3 (.52)	8.0 (.50)
	BHP	.94	1.05	1.13	1.33	1.42	1.55	1.63	1.75	1.89	2.0	2.28	2.5	2.83	2.94
Motor Size		1 HP			1½ HP				2 HP			3 HP			
ES8M	GPM (LPS)	19.2 (1.21)	19.0 (1.19)	18.4 (1.16)	17.5 (1.10)	17.0 (1.07)	16.5 (1.04)	16.0 (1.00)	15.3 (96)	15.0 (.94)	14.5 (.91)	14.0 (.88)	13.3 (.83)	13.0 (.82)	12.2 (.76)
	BHP	1.27	1.38	1.55	1.80	1.90	2.02	2.07	2.21	2.27	2.52	2.74	3.19	3.39	3.95
Motor Size		1½ HP			2 HP			3 HP					5 HP		
ES9M	GPM (LPS)	22.5 (1.41)	22.3 (1.40)	22.0 (1.38)	20.5 (1.29)	20.0 (1.26)	19.3 (1.21)	18.5 (1.16)	18.0 (1.13)	17.3 (1.09)	17.8 (1.12)	16.0 (1.00)	15.0 (.94)	14.5 (.91)	13.7 (.86)
	BHP	1.5	1.55	1.63	2.09	2.18	2.35	2.50	2.61	2.65	2.83	3.41	3.98	4.17	4.42
Motor Size		1½ HP			2 HP			3 HP					5 HP		

2900 RPM

NOTE: When pumping hot water over 180°F (82.2°C), check the NPSH available in the pumping system against the required pump NPSH shown on pump performance curves. Available NPSH must be greater than required NPSH.

“Diligence is the mother of good luck.”

—Benjamin Franklin



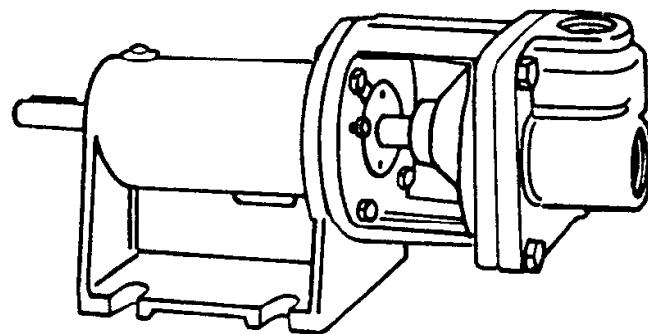
brtmarine.com

800-725-3787

PROUD DISTRIBUTOR OF
burks®

SERIES ET

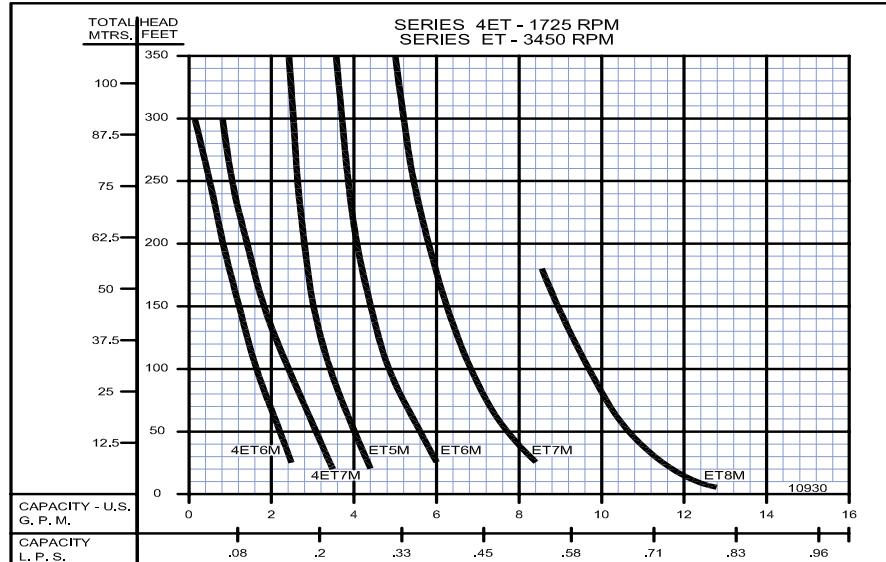
Frame Mounted Regenerative Turbine



4ET - 1725 RPM - 60Hz.

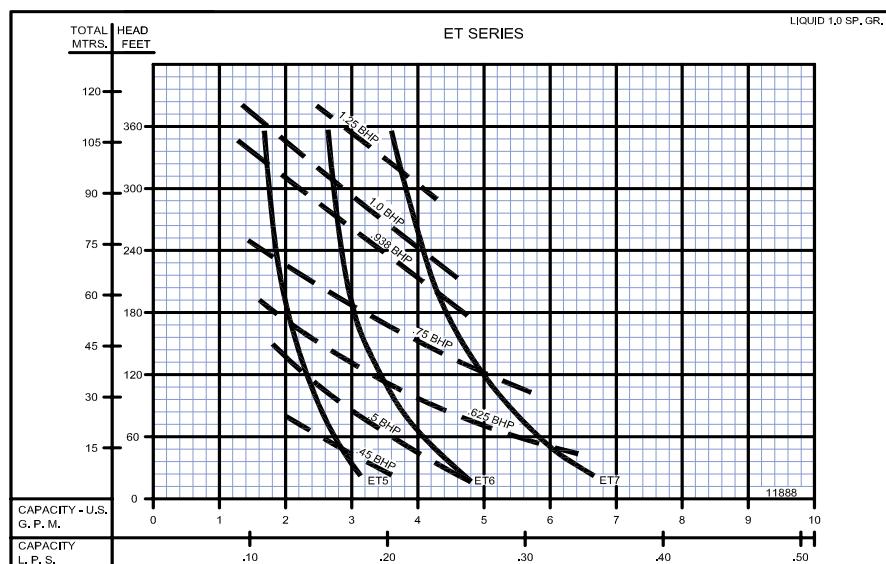
ET - 3450 RPM - 60Hz.

(See Individual curves for symbol number)



ET - 2900 RPM - 50Hz.

(See Individual curves for symbol number)



PROUD DISTRIBUTOR OF

burks®

brtmarine.com

800-725-3787



SERIES ET — 60 Hz PERFORMANCE

Frame Mounted Regenerative Turbine

60Hz - PERFORMANCE AND SELECTION CHART																		
Capacity in GPM (LPS) at Total Head in Feet (m) or Pressure Shown																		
Catalog Number	PSI (kpa)	8.6 (59)	13 (89)	17.2 (118)	21.5 (148)	26 (179)	34.5 (237)	43.3 (298)	54.1 (373)	64.9 (447)	75.8 (522)	86.6 (597)	97.4 (671)	108.3 (746)	119.1 (821)	130 (896)	140.1 (965)	151.8 (1045)
	Feet (m)	20 (6)	30 (9)	40 (12)	50 (15)	60 (18)	80 (24)	100 (30)	125 (38)	150 (45)	175 (53)	200 (60)	225 (68)	250 (76)	275 (83)	300 (91)	325 (99)	350 (106)
ET5M	GPM (LPS) BHP	1.9 (.11) .10	1.7 (.10) .10	1.6 (.10) .10	1.5 (.09) .10	1.4 (.08) .10	1.1 (.06) .10	1.0 (.06) .10	.80 (.05) .11	.60 (.03) .13	.40 (.02) .15	.30 (.01) .17	.20 (.01) .20					
	Motor Size	1/4 HP																
ET6M	GPM (LPS) BHP	2.4 (.15) .10	2.3 (.14) .10	2.2 (.13) .10	2.0 (.12) .10	1.9 (.11) .10	1.7 (.10) .10	1.6 (.10) .12	1.4 (.08) .17	1.2 (.07) .20	1.0 (.06) .23	.80 (.05) .28	.60 (.03) .30	.50 (.03) .35	.40 (.02) .40	.30 (.01) .42		
	Motor Size	1/4 HP															1/3 HP	
ET7M	GPM (LPS) BHP	3.4 (.21) .10	3.3 (.20) .10	3.1 (.19) .10	2.9 (.18) .10	2.8 (.17) .13	2.5 (.15) .15	2.3 (.14) .18	2.1 (.13) .20	1.8 (.11) .23	1.6 (.10) .28	1.4 (.08) .30	1.2 (.07) .33	1.0 (.06) .36	.85 (.05) .40	.70 (.04) .47		
	Motor Size	1/4 HP												1/3 HP	1/2 HP			

1750 RPM

60Hz - PERFORMANCE AND SELECTION CHART																		
Capacity in GPM (LPS) at Total Head in Feet (m) or Pressure Shown																		
Catalog Number	PSI (kpa)	8.6 (59)	13 (89)	17.2 (118)	21.5 (148)	26 (179)	34.5 (237)	43.3 (298)	54.1 (373)	64.9 (447)	75.8 (522)	86.6 (597)	97.4 (671)	108.3 (746)	119.1 (821)	130 (896)	140.1 (965)	151.8 (1045)
	Feet (m)	20 (6)	30 (9)	40 (12)	50 (15)	60 (18)	80 (24)	100 (30)	125 (38)	150 (45)	175 (53)	200 (60)	225 (68)	250 (76)	275 (83)	300 (91)	325 (99)	350 (106)
ET5M	GPM (LPS) BHP	4.2 (.26) .20	4.1 (.25) .21	4.0 (.25) .25	3.9 (.24) .27	3.8 (.23) .29	3.6 (.22) .30	3.4 (.21) .33	3.2 (.20) .37	3.0 (.18) .39	2.9 (.18) .42	2.8 (.17) .47	2.7 (.17) .50	2.6 (.16) .56	2.6 (.16) .61	2.5 (.15) .66	2.4 (.15) .70	2.4 (.15) .78
	Motor Size	1/3 HP												1/2 HP			3/4 HP	
ET6M	GPM (LPS) BHP	6.0 (.37) .28	5.9 (.37) .28	5.7 (.35) .285	5.5 (.34) .29	5.3 (.33) .30	5.1 (.32) .32	4.8 (.30) .38	4.6 (.29) .41	4.4 (.27) .48	4.3 (.27) .51	4.2 (.26) .57	4.0 (.25) .60	3.9 (.24) .65	3.8 (.23) .70	3.7 (.23) .72	3.7 (.23) .81	3.6 (.22) .88
	Motor Size	1/3 HP									1/2 HP			3/4 HP			3/4 HP	
ET7M	GPM (LPS) BHP	8.3 (.52) .32	8.0 (.50) .32	7.8 (.49) .36	7.6 (.47) .40	7.4 (.46) .41	7.1 (.44) .46	6.8 (.42) .52	6.5 (.41) .58	6.2 (.39) .65	6.0 (.37) .70	5.8 (.36) .76	5.5 (.34) .83	5.5 (.34) .89	5.3 (.33) .96	5.2 (.32) .1.04	5.1 (.32) .1.13	5.0 (.31) .1.2
	Motor Size	1/3 HP						1/2 HP			3/4 HP			1 HP				
ET8M	GPM (LPS) BHP	11.7 (.73) .45	11.3 (.71) .50	11.0 (.69) .53	10.8 (.68) .57	10.5 (.66) .60	10.1 (.63) .70	9.7 (.61) .78	9.3 (.58) .88	8.9 (.56) .97	8.5 (.53) .1.1							
	Motor Size	1/2 HP						3/4 HP			1 HP							

3450 RPM

NOTE: When pumping hot water over 180°F (82.2°C), check the NPSH available in the pumping system against the required pump NPSH shown on pump performance curves. Available NPSH must be greater than required NPSH.



brtmarine.com

800-725-3787

PROUD DISTRIBUTOR OF
burks®



*Byrne
Rice
and Turner
INC.*

1172 Camp Street, New Orleans, LA 70130

800-725-3787 | 504-525-7137

www.BRTMarine.com