

END-SUCTION CENTRIFUGAL PUMPS

Series: IB

1 - 15 HP / 1750 & 3500 RPM

Suction: 2" - 3" NPT

Discharge: 1½" - 2½" NPT



► With 304 stainless steel impeller

APPLICATIONS

- Booster systems
- Water transfer
- Chilled water system
- High flow-rate / medium pressure

VOLUTE

Cast iron ASTM A-48 class 30

LIQUID TEMPERATURE

160°F (71 °C) máx.

INTERMEDIATE COUPLING

Cast iron ASTM A-48 class 30

IMPELLER

- Stainless steel 304
- Investment casting
- Dynamically balanced

SEAL

Design: mechanical, type 01.

Material: Ceramic stationary part, carbon ring seal and exclusion in the rotating part. Buna-N elastomer and stainless steel spring.

SHAFT SLEEVE

Stainless steel

O-RINGS

Buna-N

MOTOR

High quality premium efficiency TEFC electric motors, designed & developed in accordance with industry standards for industrial and commercial pumping applications.

- 1 & 3 phases, 60 Hz
- Rated output: 1 to 15 HP
- 1750 & 3500 RPM
- Frame sizes: 143 JM to 254 JM

HARDWARE

Carbon steel

PAINT

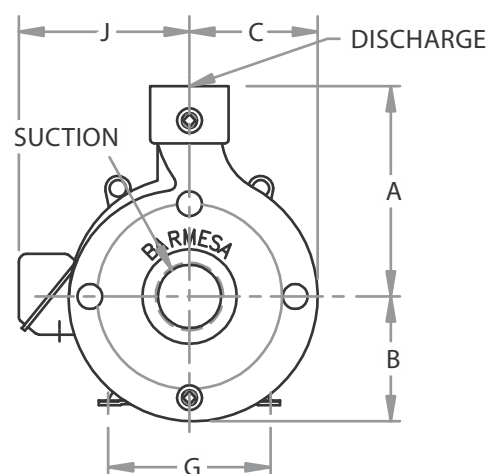
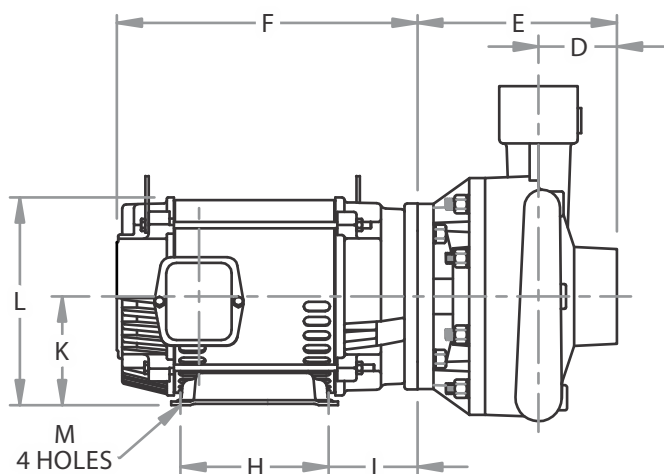
Air dry enamel, water based.

MODEL	PART No.	SIZE	HP	Ph	V	RPM	FLA	FS	FRAME	ENCL
IB1½-3-2-1	62071061	2" x 1½" NPT	3	1	115 / 230	3500	-	-	182JM	TEFC
IB1½-5-2-1	62071062		5	1	115 / 230	3500	-	-	184JM	TEFC
IB1½-7.5-2-1	62071063		7.5	1	115 / 230	3500	-	-	-	TEFC
IB1½-1-4	62071001		1	3	230 / 460	1750	-	-	-	TEFC
IB1½-1.5-2	62071002		1.5	3	230 / 460	3500	-	-	143JM	TEFC
IB1½-1.5-4	62071003		1.5	3	230 / 460	1750	-	-	-	TEFC
IB1½-2-2	62071004		2	3	230 / 460	3500	-	-	145JM	TEFC
IB1½-2-4	62071005		2	3	230 / 460	1750	-	-	-	TEFC
IB1½-3-2	62071006		3	3	230 / 460	3500	-	-	182JM	TEFC
IB1½-5-2	62071007		5	3	230 / 460	3500	12.5 / 6.3	1.25	184JM	TEFC
IB1½-7.5-2	62071008		7.5	3	230 / 460	3500	-	-	213JM	TEFC
IB2-3-2-1	62071071	2½" x 2" NPT	3	1	115 / 230	3500	-	-	182JM	TEFC
IB2-5-2-1	62071072		5	1	115 / 230	3500	-	-	184JM	TEFC
IB2-7.5-2-1	62071073		7.5	1	115 / 230	3500	-	-	-	TEFC
IB2-1-4	62071021		1	3	230 / 460	1750	-	-	-	TEFC
IB2-1.5-4	62071022		1.5	3	230 / 460	1750	-	-	145JM	TEFC
IB2-2-2	62071023		2	3	230 / 460	3500	-	-	143JM	TEFC
IB2-2-4	62071024		2	3	230 / 460	1750	-	-	-	TEFC
IB2-3-2	62071025		3	3	230 / 460	3500	-	-	182JM	TEFC
IB2-5-2	62071026		5	3	230 / 460	3500	-	-	184JM	TEFC
IB2-7.5-2	62071027		7.5	3	230 / 460	3500	-	-	213JM	TEFC
IB2-10-2	62071028		10	3	230 / 460	3500	-	-	215JM	TEFC
IB2½-5-2-1	62070081	3" x 2½" NPT	5	1	115 / 230	3500	-	-	184JM	TEFC
IB2½-7.5-2-1	62071082		7.5	1	115 / 230	3500	-	-	-	TEFC
IB2½-1-4	62071041		1	3	230 / 460	1750	-	-	-	TEFC
IB2½-1.5-4	62071042		1.5	3	230 / 460	1750	-	-	-	TEFC
IB2½-2-4	62071043		2	3	230 / 460	1750	-	-	145JM	TEFC
IB2½-3-4	62071044		3	3	230 / 460	1750	-	-	-	TEFC
IB2½-5-2	62071045		5	3	230 / 460	3500	-	-	184JM	TEFC
IB2½-7.5-2	62071046		7.5	3	230 / 460	3500	-	-	213JM	TEFC
IB2½-10-2	62071047		10	3	230 / 460	3500	-	-	215JM	TEFC
IB2½-15-2	62071048		15	3	230 / 460	3500	-	-	254JM	TEFC

All dimensions are in inches, and may vary depending on the motor manufacturer.

IMPORTANT!

1. Never use this pump to handle explosive liquids.
2. This pump is not approved to be used in swimming pools, recreational installations or any application where human contact may be common.



MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M
IB1½-3-2-1	7.38	4.38	4.5	2.75	7	13.56	7.5	4.5	3.5	7.5	4.5	9.28	0.41
IB1½-5-2-1					7	13.56	7.5	5.5	3.5	7.5	4.5	9.28	0.41
IB1½-7.5-2-1					-	-	-	-	-	-	-	-	-
IB1½-1-4					7	-	-	-	-	-	-	-	-
IB1½-1.5-2					7	10	5.5	4	2.09	6.13	3.5	7.31	0.34
IB1½-1.5-4					-	-	-	-	-	-	-	-	-
IB1½-2-2					7	10	5.5	4	2.09	6.13	3.5	7.31	0.34
IB1½-2-4					-	-	-	-	-	-	-	-	-
IB1½-3-2					7	13.56	7.5	4.5	3.5	7.5	4.5	9.28	0.41
IB1½-5-2					7	13.56	7.5	5.5	3.5	7.5	4.5	9.28	0.41
IB1½-7.5-2	7.75	4.63	4.81	2.88	7.13	15.63	8.5	5.5	4.25	8.25	4.4	8.75	0.44
IB2-3-2-1					7.13	13.56	7.5	4.5	3.5	7.5	4.5	9.28	0.41
IB2-5-2-1					7.13	13.56	7.5	5.5	3.5	7.5	4.5	9.28	0.41
IB2-7.5-2-1					-	-	-	-	-	-	-	-	-
IB2-1-4					-	-	-	-	-	-	-	-	-
IB2-1.5-4					7.13	10	5.5	5	2.09	6.13	3.5	7.31	0.34
IB2-2-2					7.13	10	5.5	4	2.09	6.13	3.5	7.31	0.34
IB2-2-4					-	-	-	-	-	-	-	-	-
IB2-3-2					7.13	13.56	7.5	4.5	3.5	7.5	4.5	9.28	0.41
IB2-5-2					7.13	13.56	7.5	5.5	3.5	7.5	4.5	9.28	0.41
IB2-7.5-2	8.38	5.13	5.25	3.25	7.25	15.63	8.5	5.5	4.25	8.25	5.25	10.25	0.44
IB2-10-2					7.25	17.13	8.5	7	4.25	8.25	5.25	10.25	0.44
IB2½-5-2-1					7.63	13.56	7.5	5.5	3.5	7.50	4.5	9.28	0.41
IB2½-7.5-2-1					-	-	-	-	-	-	-	-	-
IB2½-1-4					-	-	-	-	-	-	-	-	-
IB2½-1.5-4					-	-	-	-	-	-	-	-	-
IB2½-2-4					7.63	10	5.5	5	2.09	6.13	3.5	7.31	0.34
IB2½-3-4					-	-	-	-	-	-	-	-	-
IB2½-5-2					7.63	13.56	7.5	5.5	3.5	7.50	4.5	9.28	0.41
IB2½-7.5-2					7.75	15.63	8.5	5.5	4.25	8.25	5.25	10.25	0.44
IB2½-10-2	7.75	5.13	5.25	3.25	7.75	17.13	8.5	7	4.25	8.25	5.25	10.25	0.44
IB2½-15-2					7.75	20.13	10	8.25	4.75	9.94	6.25	12.94	0.53

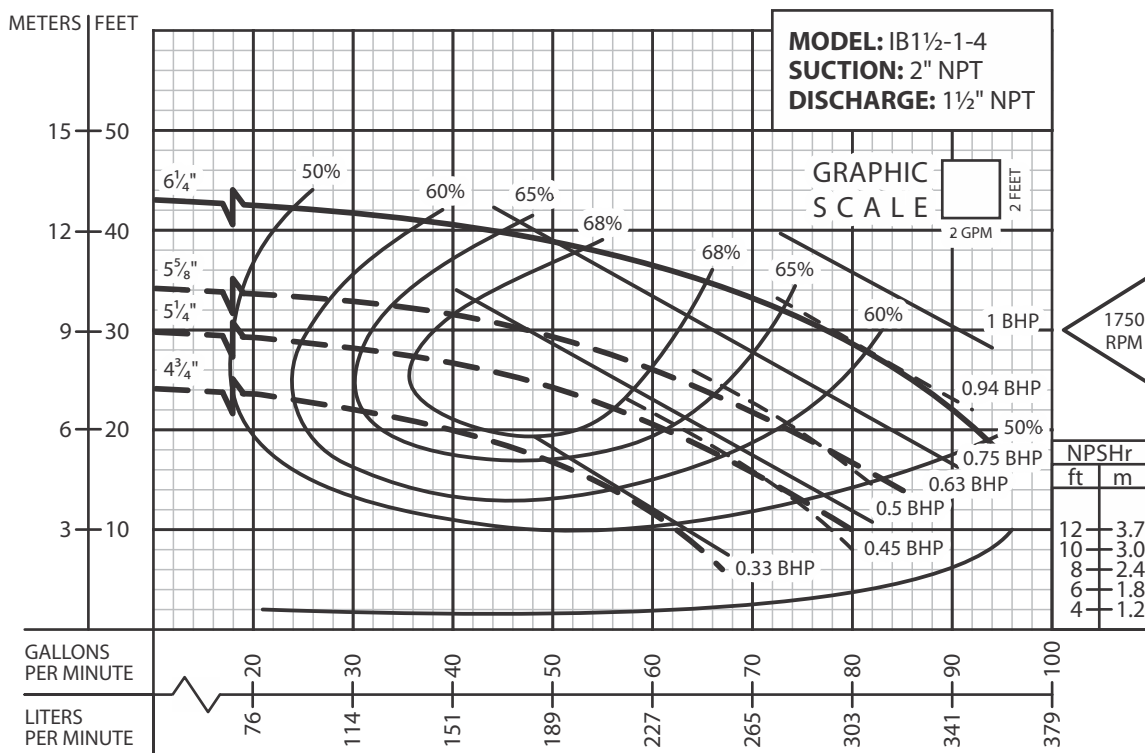
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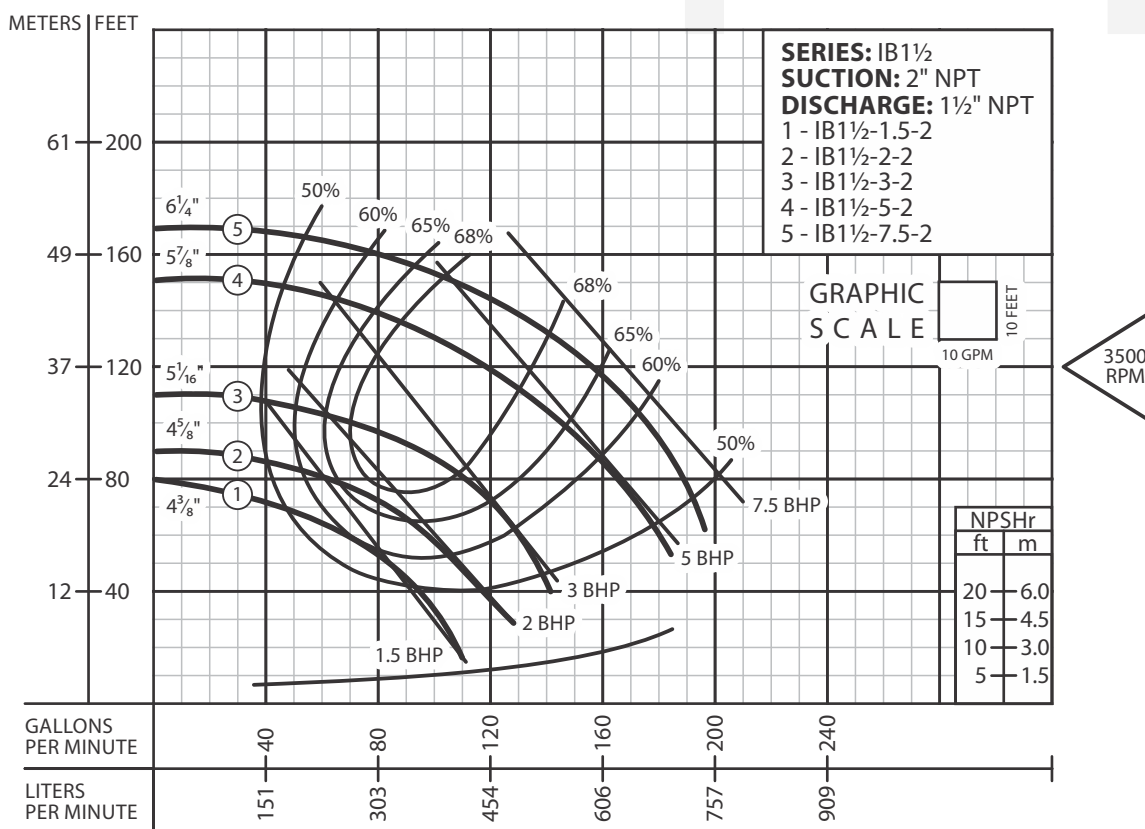
MODEL: **IB1½-1-4**

RPM: 1750



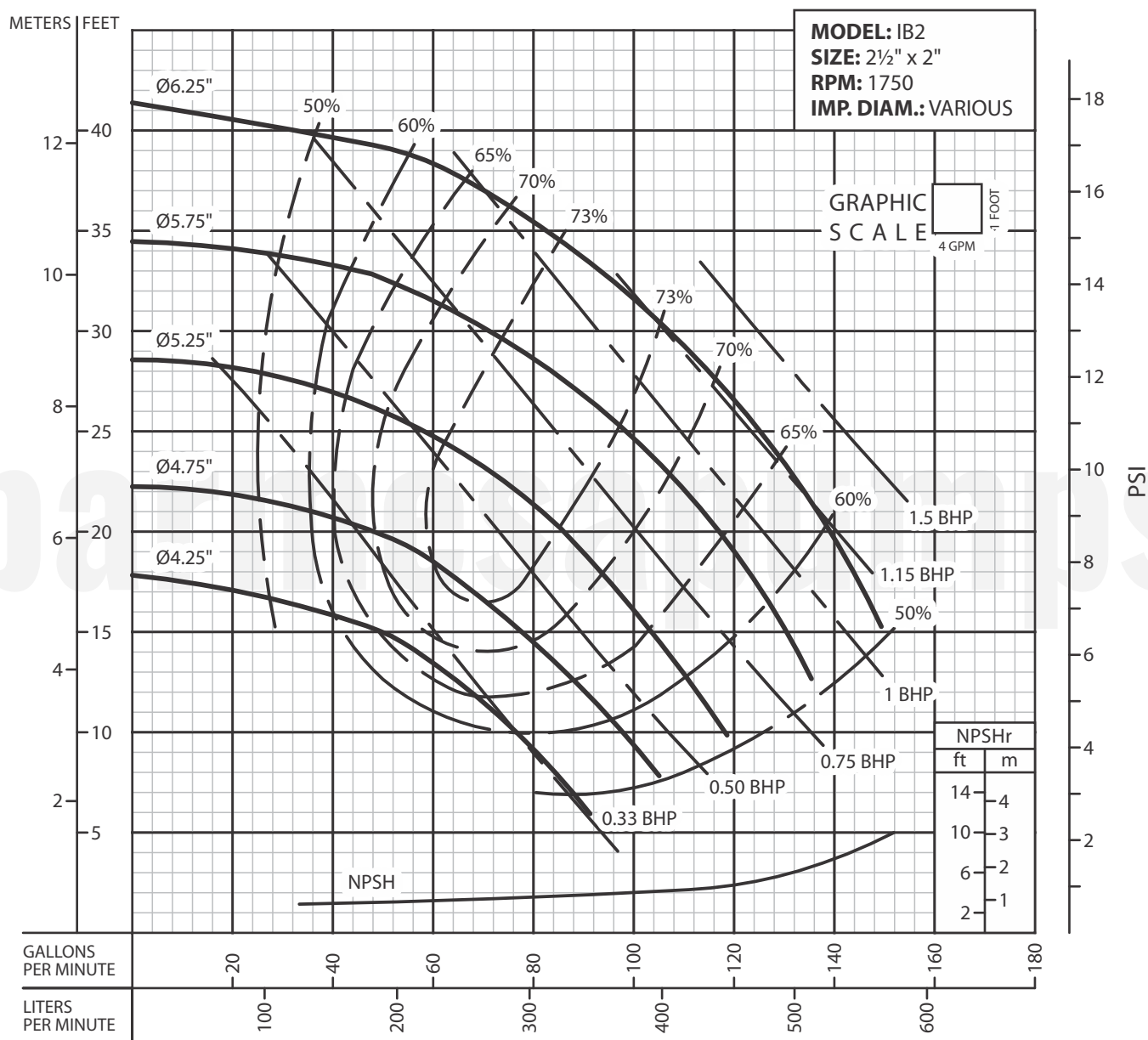
MODEL: **IB1½ (1.5-7.5 HP)**

RPM: 3500



IMPORTANT!

1. Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

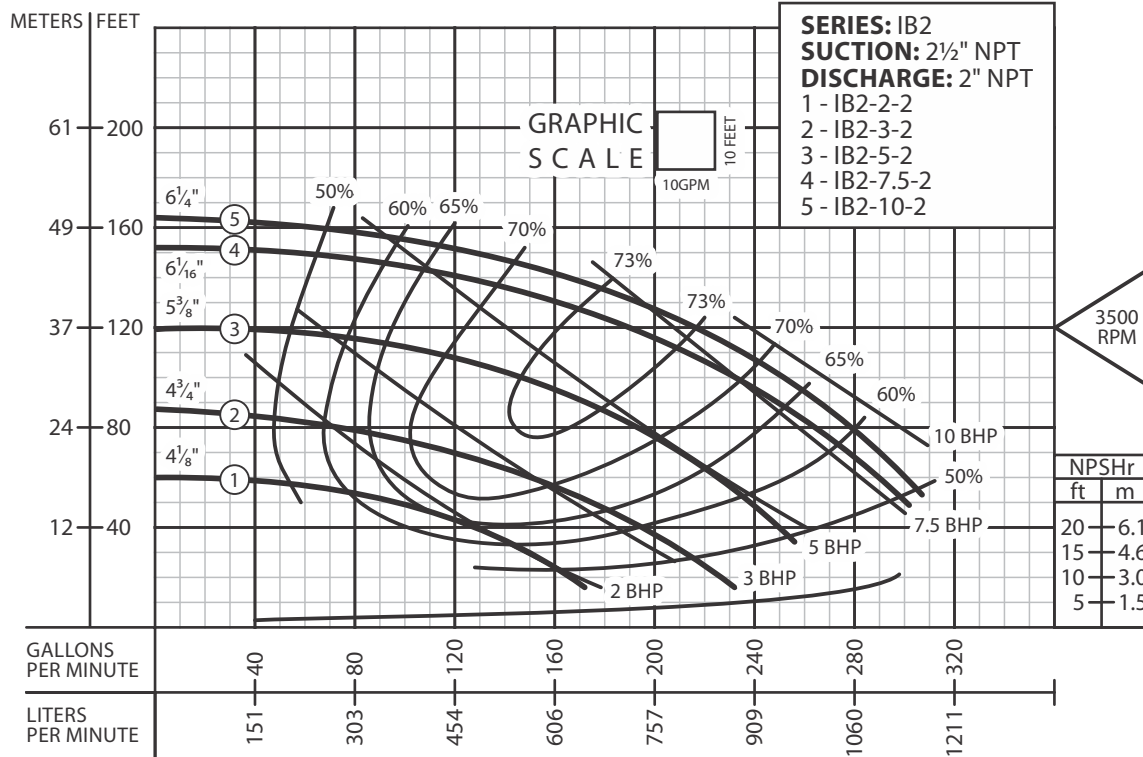


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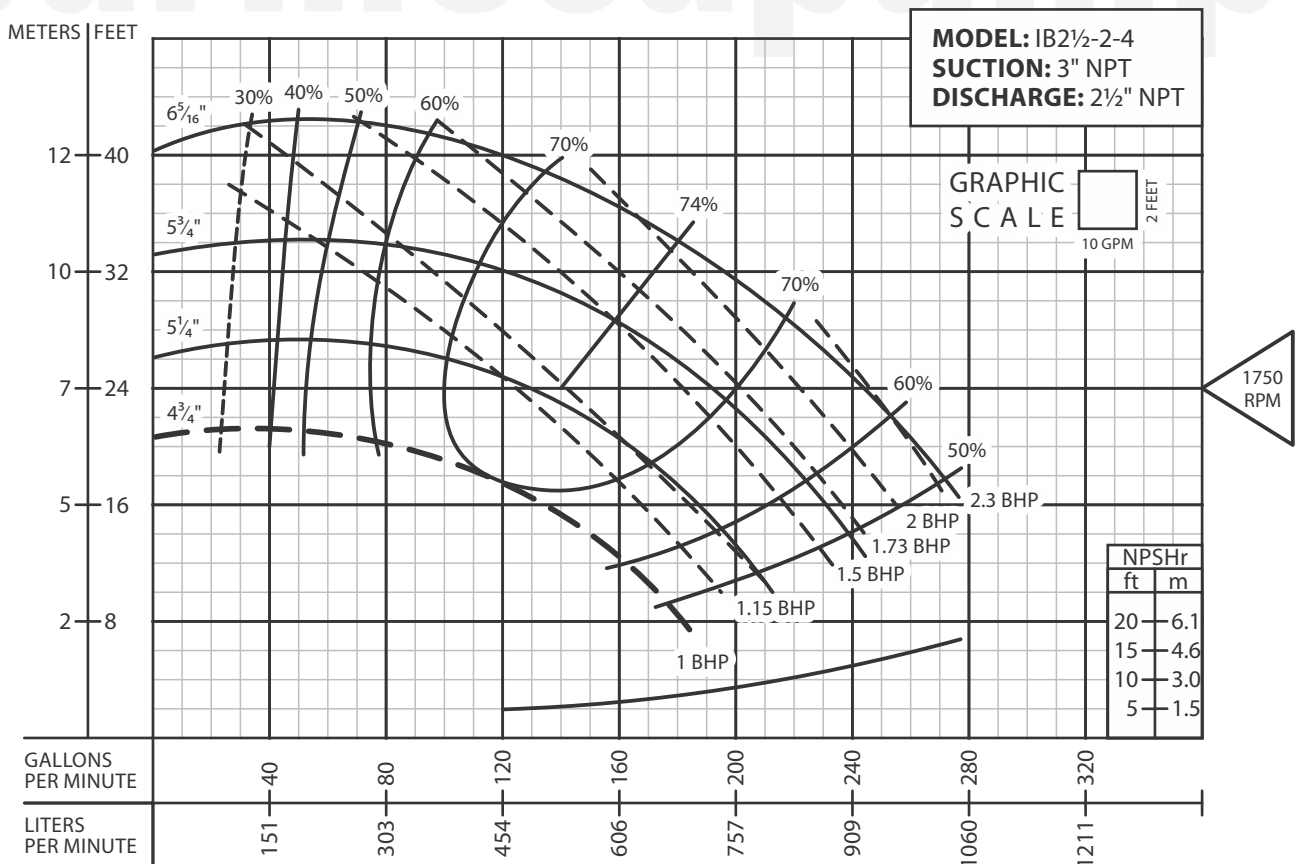
MODEL: IB2 (2-10 HP)

RPM: 3500



MODEL: IB2½-2-4

RPM: 1750

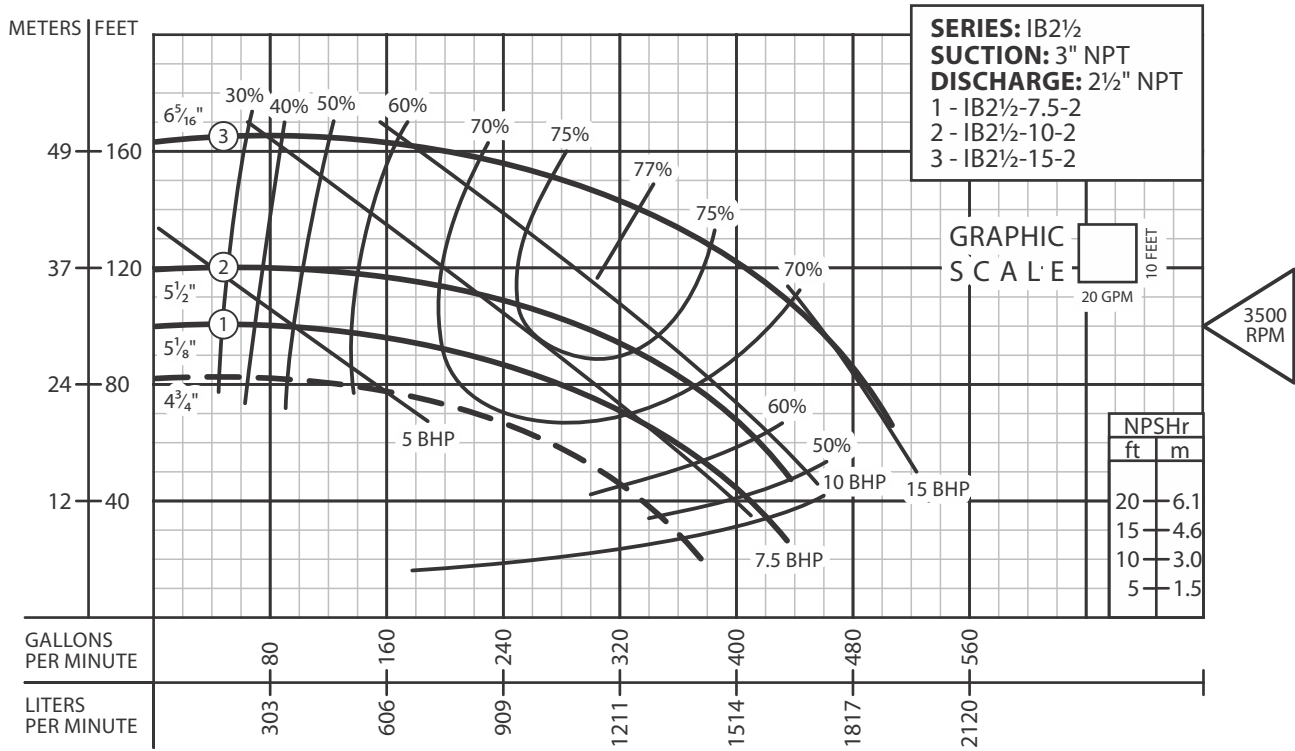


IMPORTANT!

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MODEL: **IB2½ (7.5-15 HP)**

RPM: 3500



IMPORTANT!

1. Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.