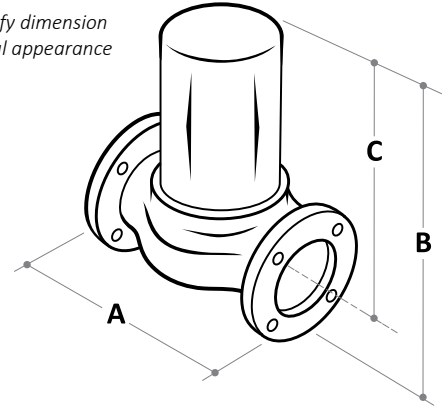




Pump Specifications



Illustration is to clarify dimension locations only. Actual appearance of pump will differ.



THE TABLE BELOW LISTS STANDARD AND UPSIZED PUMP PART NUMBERS FOR EACH ARMOR® MODEL.

- Standard pumps are for applications with 5-12 GPG Water Hardness
- Upsized pumps are for applications with 12-15 GPG Water Hardness
- Water softening is required for applications above 15 GPG Water Hardness

Water Heater and Pump Data

MODEL NUMBER	PUMP PT NOS. STANDARD UPSIZED	HP	FLOW RATE (GPM)	HEAD LOSS (FT/HD)	TEMP. RISE (°F)	PUMP MATERIAL	CONNECTION SIZE	WIDTH A"	DEPTH B"	C/L FLANGE TO END C"
WA 125	100208409	1/6	14	17	18°	ST. STEEL	1"	6.5	6.38	5.06
	100287809	3/4	19	40	12°	ST. STEEL	1"	11.5	19.19	16.50
WA 200	100208409	1/6	21	22	18°	ST. STEEL	1-1/4"	6.5	6.38	5.06
	100287809	3/4	28	38	13°	ST. STEEL	1-1/4"	11.5	19.19	16.50
AW/OA 151	100287807	1/6	16	20	18°	ST. STEEL	1-1/2"	6.5	6.38	5.06
	100287809	3/4	24	41	12°	ST. STEEL	1-1/4"	11.5	19.19	16.50
AW/OA 200	100287807	1/6	21	22	18°	ST. STEEL	1-1/2"	6.5	6.38	5.06
	100287809	3/4	28	38	13°	ST. STEEL	1-1/4"	11.5	19.19	16.50
AW/OA 286	100166428	1/6	30	23	18°	ST. STEEL	2"	8.5	7.38	5.88
	100166409	3/4	38	36	14°	ST. STEEL	2"	11.5	19.19	16.50
AWH0400	100330259	1/2	35	9	22°	ST. STEEL	2"	6.50	7.57	6.00
	100335989	1/2	39	14	20°	ST. STEEL	2"	6.50	7.57	6.00
AWH0500	100330259	1/2	37	16	27°	ST. STEEL	2"	6.50	7.57	6.00
	100336001	3/4	53	28	19°	ST. STEEL	2"	8.50	12.50	9.21
AWH0650	100335990	1/2	44	15	29°	ST. STEEL	2"	8.50	7.72	6.00
	100336001	3/4	61	23	21°	ST. STEEL	2"	8.50	12.50	9.21
AWH0800	100336001	3/4	61	22	26°	ST. STEEL	2"	8.50	12.50	9.21
	100330240	3/4	79	23	20°	ST. STEEL	2"	11.50	19.25	16.30
AWH1000	100336001	3/4	79	15	25°	ST. STEEL	2-1/2"	8.50	11.85	9.21
	100330240	3/4	90	21	22°	ST. STEEL	2-1/2"	11.50	19.19	16.50
AWH1250	100297119	1	112	23	22°	BRONZE	2-1/2"	11.5	18.25	14.81
	100297116	2	145	35	17°	BRONZE	2-1/2"	11.5	18.25	14.81
AWH1500	100297119	1	115	22	26°	BRONZE	2-1/2"	11.5	18.25	14.81
	100297116	2	148	31	20°	BRONZE	2-1/2"	11.5	18.25	14.81
AWH2000	100297118	2	145	27	27°	BRONZE	2-1/2"	11.5	19.25	14.81
	100297115	3	180	39	22°	BRONZE	2-1/2"	11.5	19.25	14.81
AWH3000	100297117	5	270	24	22°	BRONZE	4"	12	21.81	17.37
	100297117*	5	270	24	22°	BRONZE	4"	12	21.81	17.37
AWH4000	100297117	5	290	19	27°	BRONZE	4"	12	21.81	17.37
	Consult Factory	—	—	—	—	—	—	—	—	—

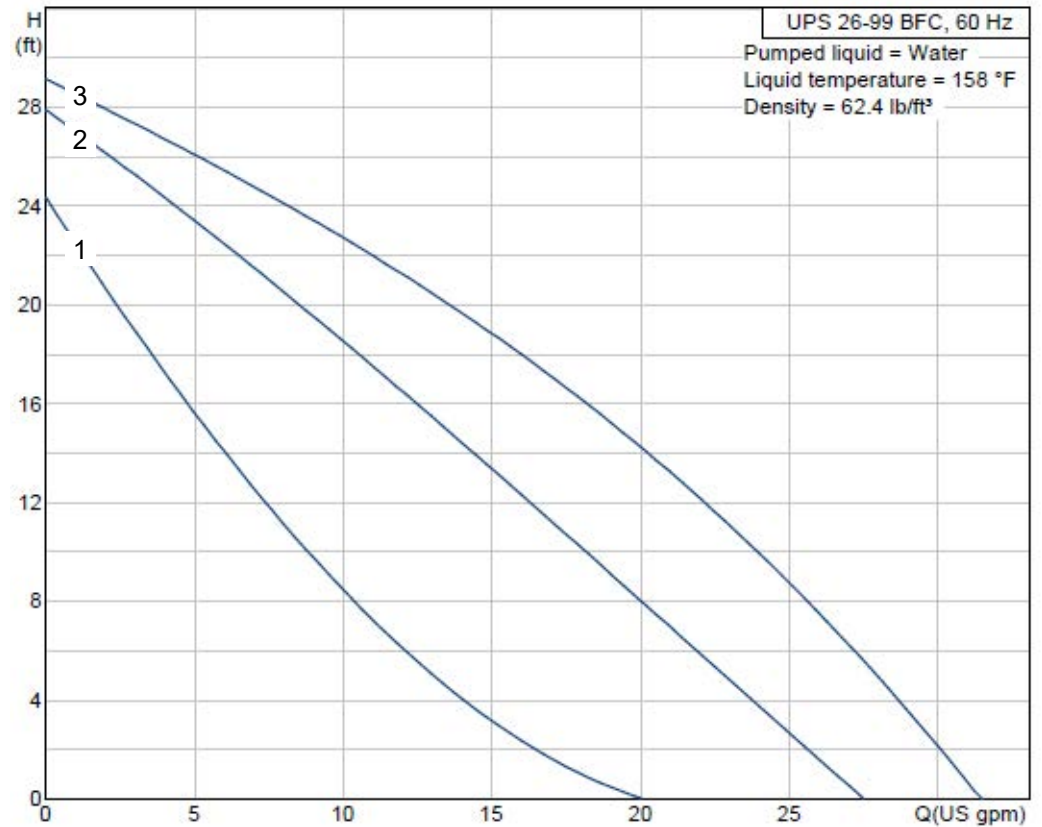
* Same as standard pump

NOTICE: Pump sizing and flow requirements are based on 45 ft. of piping, (4) 90° elbows, (2) unions, and (2) ball valves.

PUMP CURVE INFORMATION IS BASED ON A SINGLE WATER HEATER PIPED TO A SINGLE STORAGE TANK INSTALLATION.

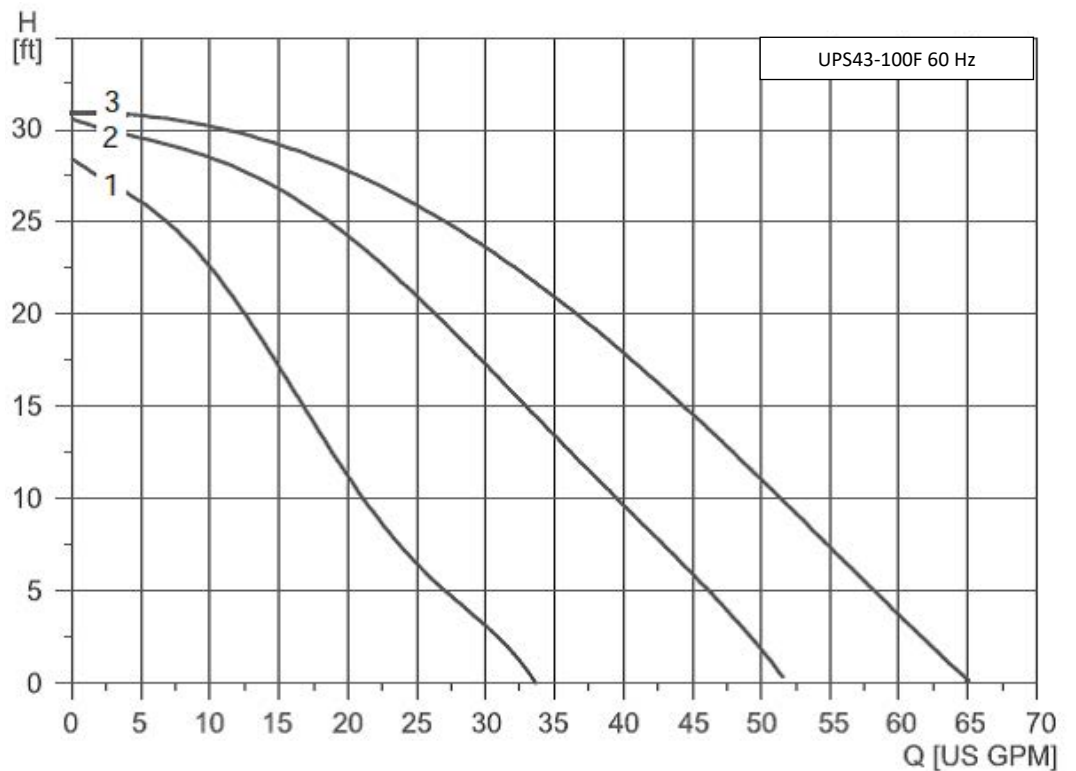
PART NO.	STD PUMP FOR MODELS:
100208409	WA125 WA200

VOLTAGE – AMP DRAW	
SPEED 1	120V–1.3A
SPEED 2	120V–1.5A
SPEED 3	120V–1.8A



PART NO.	STD PUMP FOR MODELS:
100287807	AW/OA 151 AW/OA 200
100166428	AW/OA 286

VOLTAGE – AMP DRAW	
SPEED 1	120V–2.5A
SPEED 2	120V–3.1A
SPEED 3	120V–3.5A



Read the Installation and Operation Manual.

Please contact the factory if the planned system exceeds the pump capacity in flow and/or head loss.

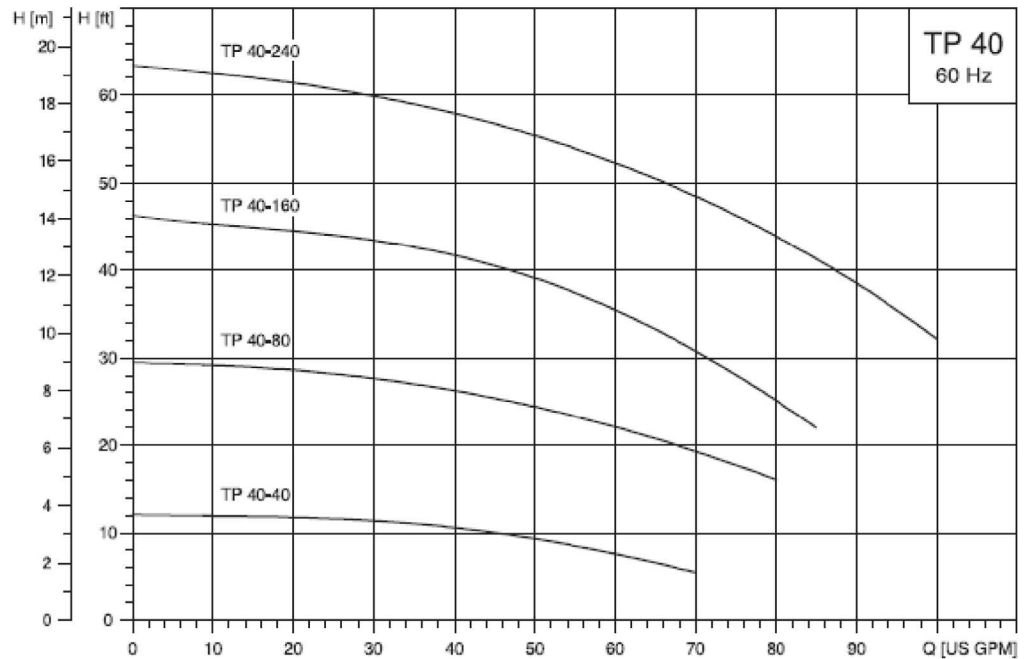
PUMP CURVE INFORMATION IS BASED ON A SINGLE WATER HEATER PIPED TO A SINGLE STORAGE TANK INSTALLATION.

PART NO.	UPSIZED PUMP FOR MODELS:
100287809	AW/OA 151
(TP40-160)	AW/OA 200
	WA 125-200

PART NO.	UPSIZED PUMP FOR MODELS:
100166409	AW/OA 286
(TP40-160)	

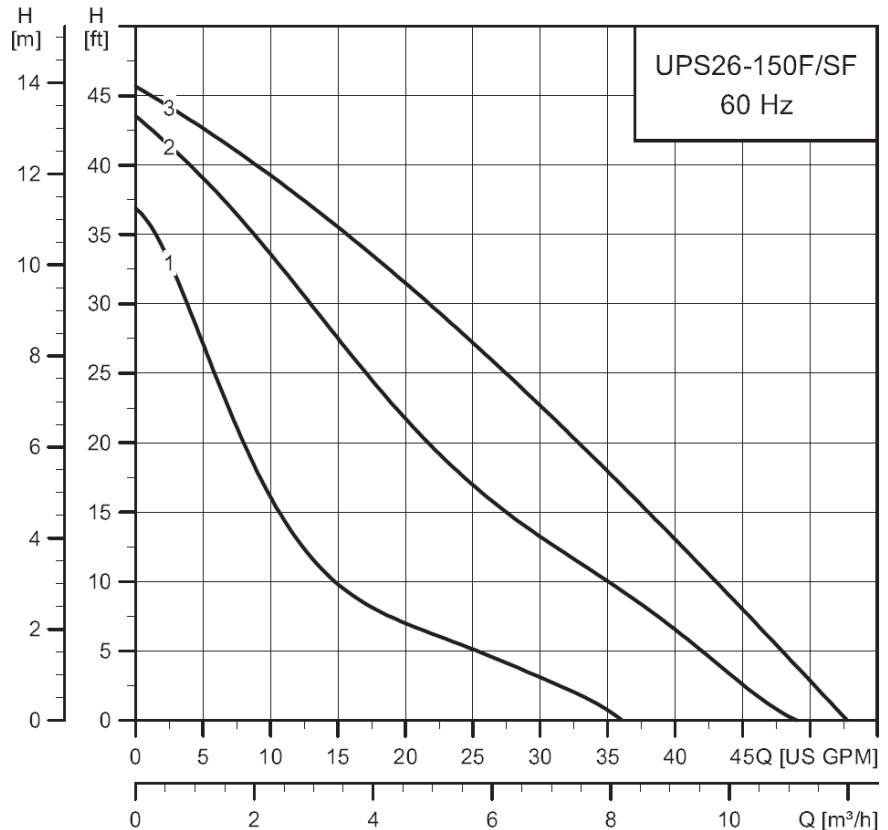
VOLTAGE – AMP DRAW

TP40-160
115V – 9.6A



PART NO.	STD PUMP FOR MODELS:
100330259	AWH0400 (Speed 2)
	AWH0500 (Speed 3)

UPSIZED PUMP FOR MODELS:	VOLTAGE – AMP DRAW
AWH0400 (Speed 3)	115V – 3.5 A

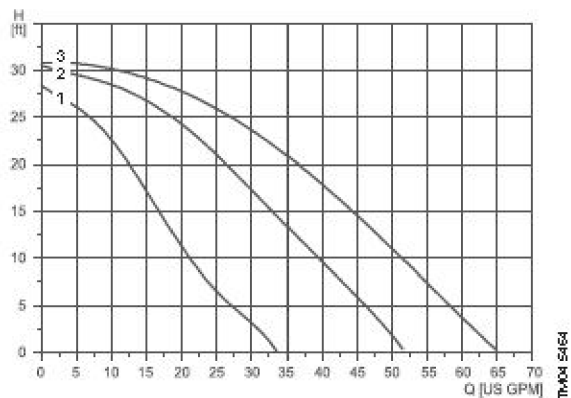


Read the Installation and Operation Manual.

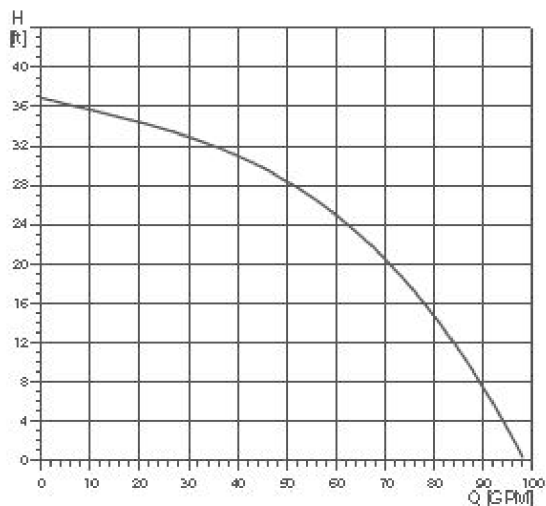
Please contact the factory if the planned system exceeds the pump capacity in flow and/or head loss.

PUMP CURVE INFORMATION IS BASED ON A SINGLE WATER HEATER PIPED TO A SINGLE STORAGE TANK INSTALLATION.

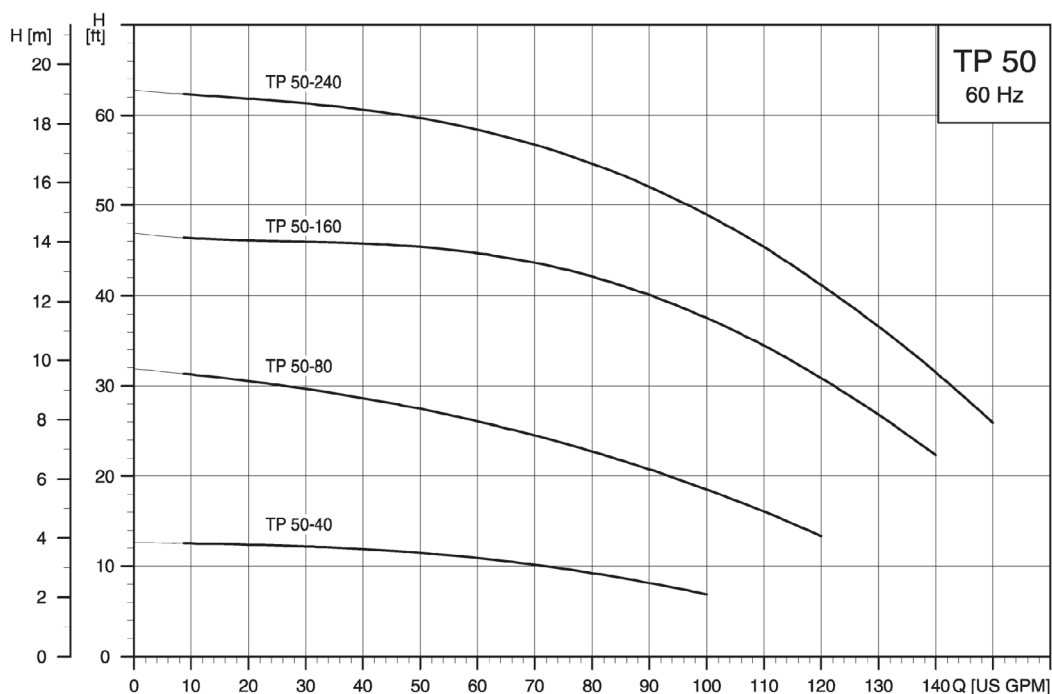
PART NO.	STD PUMP FOR MODELS:	VOLTAGE – AMP DRAW
100335990	AWH0650 (Speed 3)	115V – 3.5 A



PART NO.	STD PUMP FOR MODELS:	UPSIZED PUMP FOR MODELS:	VOLTAGE – AMP DRAW
100336001	AWH0800 AWH1000	AWH0500 AWH0650	115V – 5.1 A



PART NO.	UPSIZED PUMP FOR MODELS:
100330240	AWH0800 AWH1000 (TP50-80)
VOLTAGE – AMP DRAW	
115V – 9.6 A	



Read the Installation and Operation Manual.

Please contact the factory if the planned system exceeds the pump capacity in flow and/or head loss.

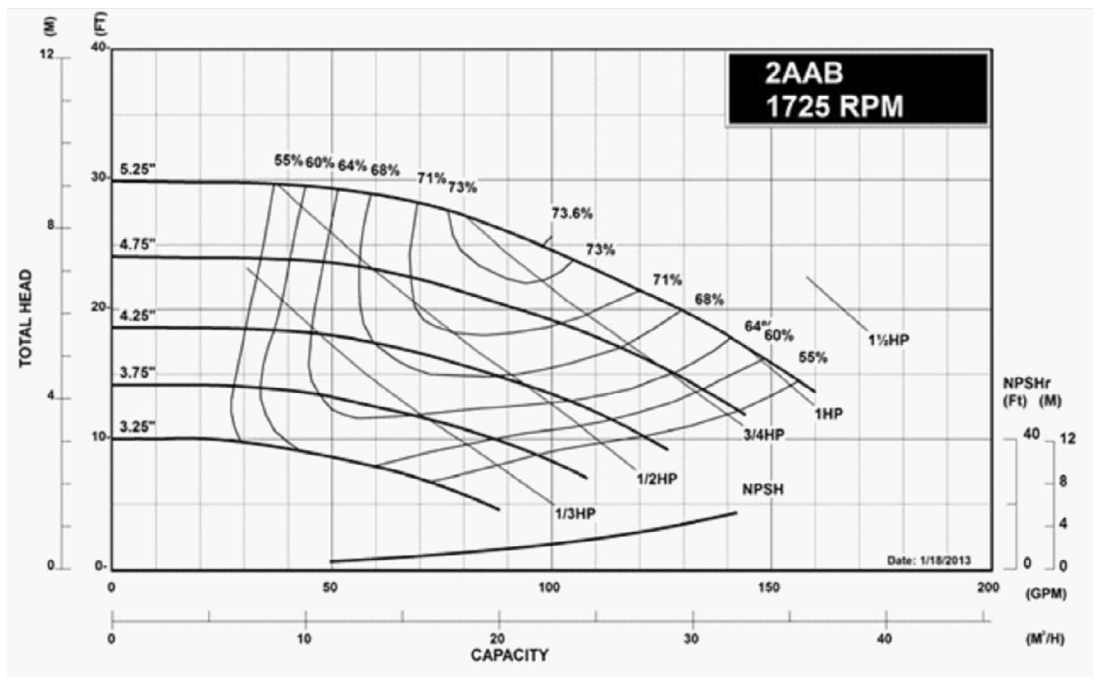
PUMP CURVE INFORMATION IS BASED ON A SINGLE WATER HEATER PIPED TO A SINGLE STORAGE TANK INSTALLATION.

PART No. STD PUMP FOR MODELS:

100297119 AWH1250
AWH1500
(5.25" Impeller Trim)

VOLTAGE – AMP DRAW

120V – 16 A

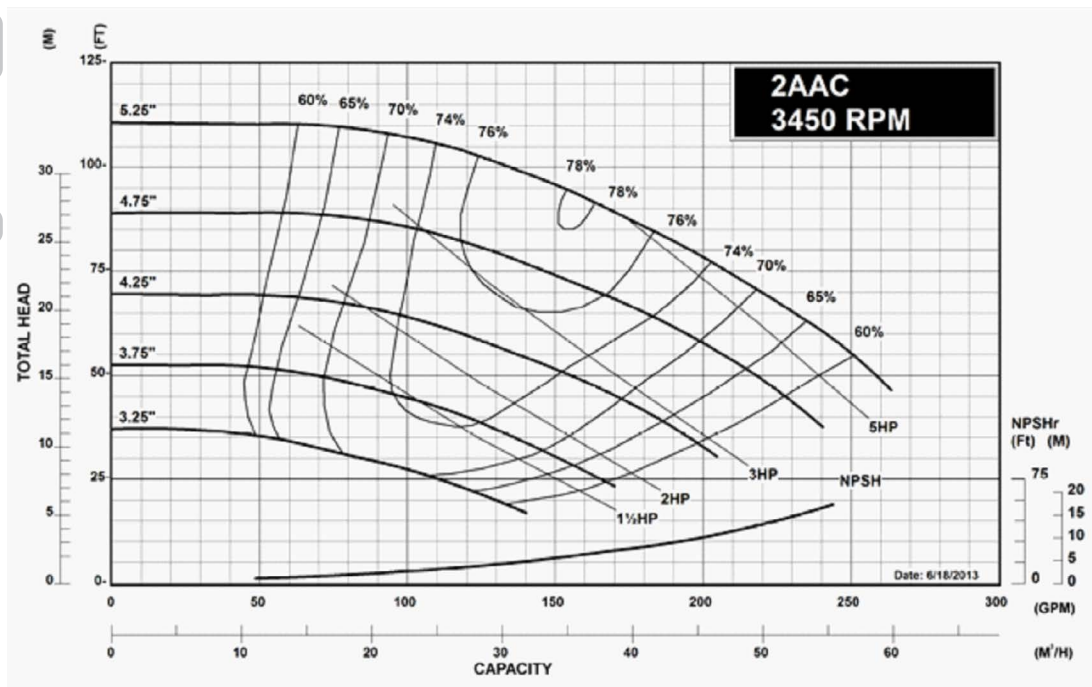


PART No. UPSIZED PUMP FOR MODELS:

100297116 AWH1250
AWH1500
(3.75" Impeller Trim)

VOLTAGE – AMP DRAW

120V – 24 A



Read the Installation and Operation Manual.

Please contact the factory if the planned system exceeds the pump capacity in flow and/or head loss.

PART NO. STD PUMP FOR MODELS:

100297118 AWH2000
(3.25" Impeller Trim)

VOLTAGE – AMP DRAW

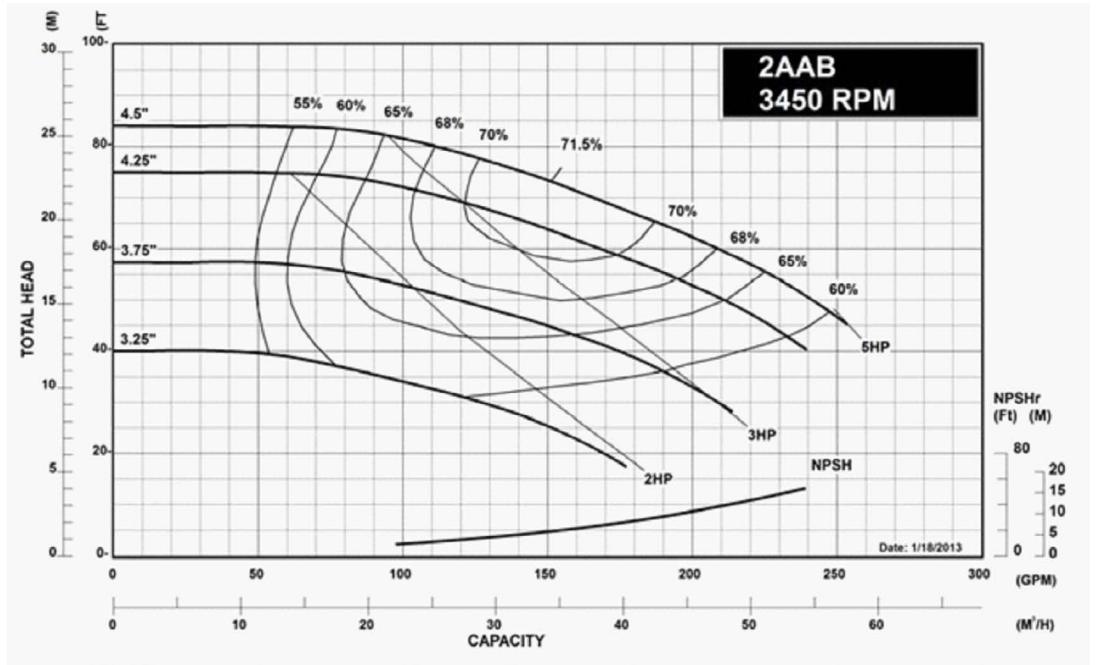
208V – 7.8 A, 3Ø

PART NO. UPSIZED PUMP FOR MODELS:

100297115 AWH2000
(3.75" Impeller Trim)

VOLTAGE – AMP DRAW

208V – 11.0 A, 3Ø



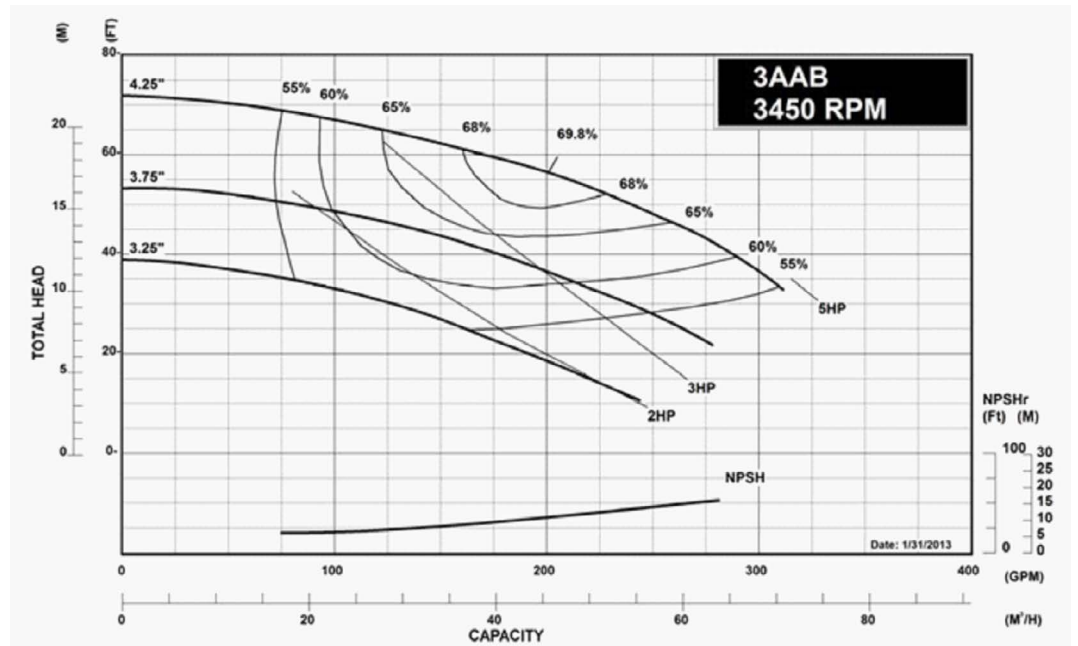
PART NO. STD PUMP FOR MODELS:

100297117 AWH3000
AWH4000
(3.75" Impeller Trim)

VOLTAGE – AMP DRAW

208V – 17.5 A, 3Ø

460V – 7.6 A, 3Ø



Read the Installation and Operation Manual.

Please contact the factory if the planned system exceeds the pump capacity in flow and/or head loss.