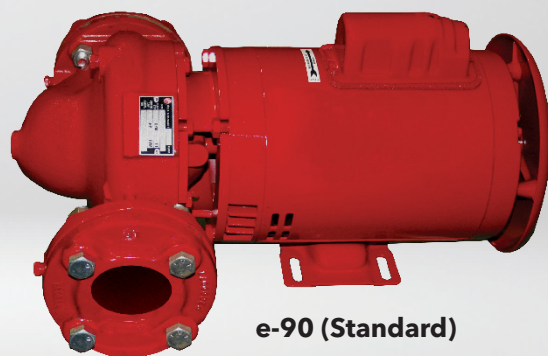




e-90 with optional ECM Motor

e-90E Smart Pump



e-90 (Standard)

Series e-90

Close Coupled In-line Centrifugal
Pump Performance Curves - 60 HZ

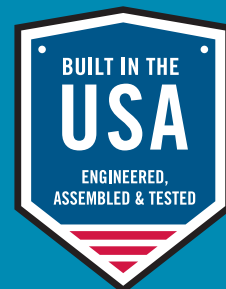


TABLE OF CONTENTS

Standard Pumps.....	3
Standard Series 1725 RPM Pump Curves & 3450 RPM Pump Curves	4
e-90E Smart Pump Family Curves	5
e-90 with ECM Family Curves	5
1800 RPM Pump Curves	
1AAB & 1.25AAB Curves	6
1.5AAB & 2AAB Curves.....	7
2AAC & 3AAB Curves.....	8
1.5AB & 2AB Curves	9
3450 RPM Pump Curves	
1AAB & 1.25AAB Curves	10
2AAC & 3AAB Curves.....	11
1.5AAB & 2AAB Curves.....	12
Smart Motor (Variable Speed) Curves.....	13

Centrifugal Pump Energy Efficiency Information

The U.S. Department of Energy introduced Pump Energy Conservation Standards in January of 2016. These standards apply to five styles of clean water pumps in 1800 and 3600 nominal motor speeds. Pump manufacturers must sell only compliant products after January 27, 2020. Compliant products have Pump Energy Indexes (PEI) equal to or below 1.0 either in Constant Load (CL) or Variable Load (VL) applications.

In support of the U.S. DOE Pump Energy Conservation Standards, the North American Pump Manufacturers Association, The Hydraulic Institute, introduced its own Energy Rating (ER) Metric for clean water pumps which also requires certification of pump manufacturer's test laboratories. Compliant products have Energy Ratings (ER) above 1.0 either in Constant Load (CL) or Variable Load (VL) applications.

All Bell & Gossett Centrifugal Pump products already comply with U.S. Department of Energy Pump Energy Conservation Standards and Hydraulic Institute Standards for Energy Ratings. Specific PEI and ER data is shown on each pump performance curve where applicable and on the pump nameplate.

For more information, visit <http://bellgossett.com/e-series-pumps/#> or <http://er.pumps.org/ratings/home>

Series e-90

STANDARD PUMPS

3450 RPM				1725 RPM				3450 RPM			
MODEL NO.	PUMP SIZE	SUCTION & DISCHARGE SIZE INS NPT	MOTOR H.P.	MODEL NO.	PUMP SIZE	SUCTION & DISCHARGE SIZE INS NPT	MOTOR H.P.	MODEL NO.	PUMP SIZE	SUCTION & DISCHARGE SIZE INS NPT	MOTOR H.P.
e9020S	1AAB	1	1	e9001S	1AAB	1	0.25	e9023M	1AAB	1	3
e9020T			1	e9002S			0.33	e9027M	1.25AAB	1.25	3
e9021S			1.5	e9003S			0.5	e9031M	1.5AAB	1.5	3
e9021T			1.5	e9003T			0.5	e9034M	2AAB	2	3
e9022S			2	e9004S	1.25AAB	1.25	0.25	e9045M	2AAC	2	3
e9022T			2	e9005S			0.33	e9036M	3AAB	3	3
e9023S			3	e9006S			0.5				
e9023T			3	e9006T			0.5				
e9025S	1.25AAB	1.25	1.5	e9007S	1.5AAB	1.5	0.25				
e9025T			1.5	e9008S			0.33				
e9026S			2	e9009S			0.5				
e9026T			2	e9009T			0.5				
e9027S			3	e9010S			0.75				
e9027T			3	e9010T			0.75				
e9028T			5	e9047S	1.5AB	1.5	0.5				
e9029S	1.5AAB	1.5	1.5	e9047T			0.5				
e9029T			1.5	e9048S			0.75				
e9030S			2	e9048T			0.75				
e9030T			2	e9049S			1				
e9031S			3	e9049T			1				
e9031T			3	e9060T			1.5				
e9032T			5	e9011S	2AAB	2	0.33				
e9033S	2AAB	2	2	e9012S			0.5				
e9033T			2	e9012T			0.5				
e9034S			3	e9013S			0.75				
e9034T			3	e9013T			0.75				
e9035T			5	e9014S			1				
e9042S	2AAC	2	1	e9014T			1				
e9042T			1	e9038S	2AAC	2	0.25				
e9043S			1.5	e9039S			0.33				
e9043T			1.5	e9040S			0.5				
e9044S			2	e9040T			0.5				
e9044T			2	e9041S			0.75				
e9045S			3	e9041T			0.75				
e9045T			3	e9061S	2AB	2	0.75				
e9046T			5	e9061T			0.75				
e9036S	3AAB	3	3	e9062S			1				
e9036T			3	e9062T			1				
e9037T			5	e9063S			1.5				
				e9063T			1.5				
				e9064S			2				
				e9064T			2				
				e9015S	3AAB	3	0.33				
				e9016S			0.5				
				e9016T			0.5				
				e9017S			0.75				
				e9017T			0.75				
				e9018S			1				
				e9018T			1				

Series e-90

STANDARD PUMPS

Designed with preselected impeller diameters and motor horsepower sizes to offer better availability.

Pump Construction

Bronze Fitted / All Bronze

Standard Mechanical Seal

Maximum Working Pressure 175 psi

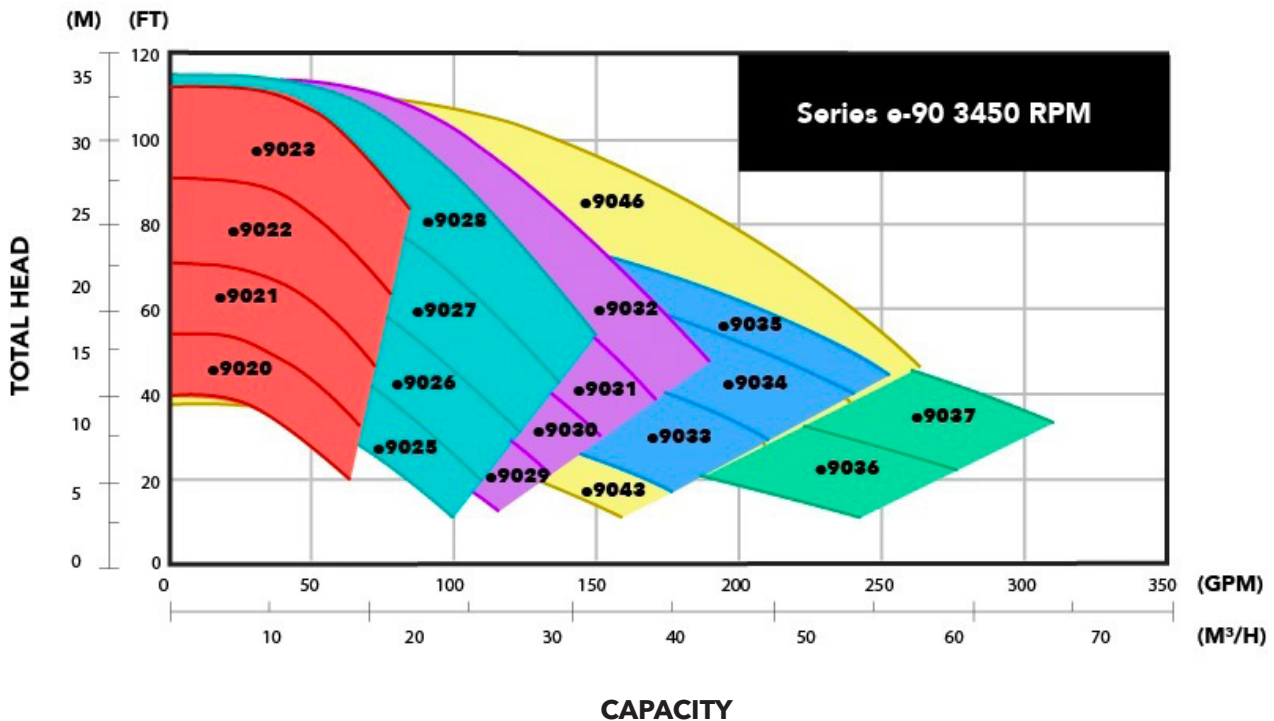
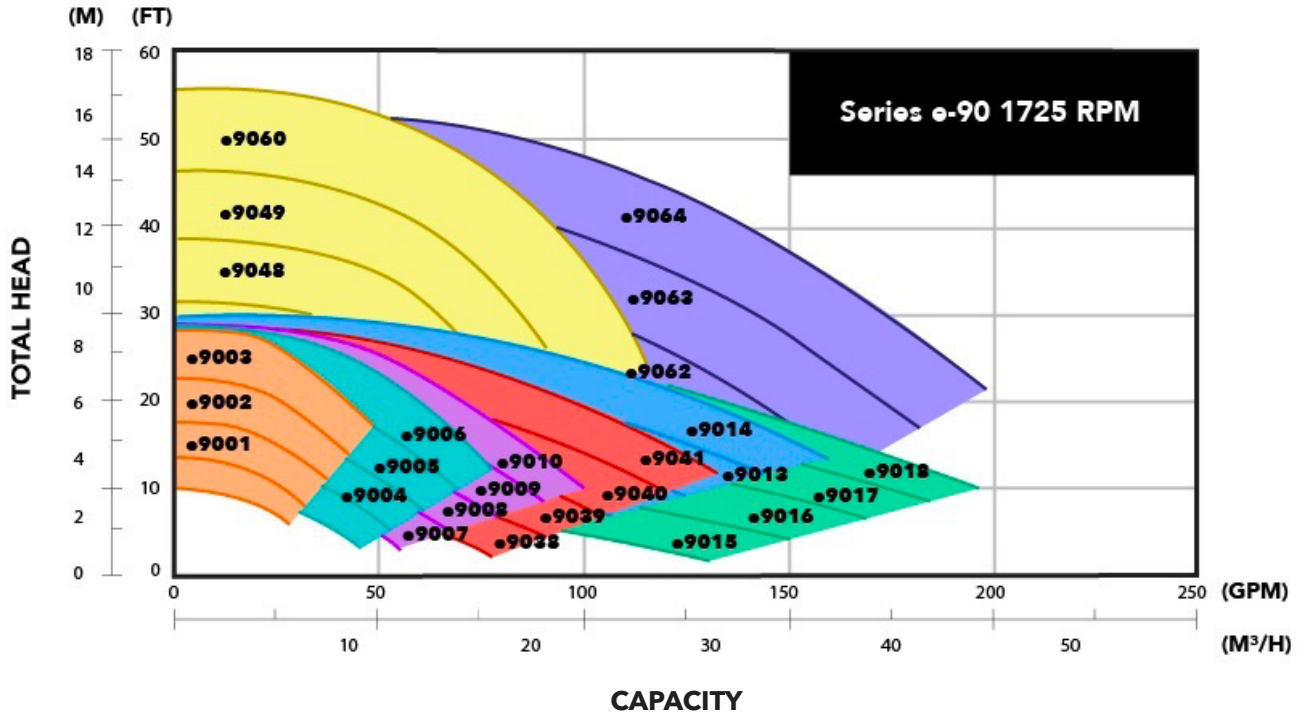
Motors

115/230 Volt, Single Phase or

208-230/460 Volt, Three Phase

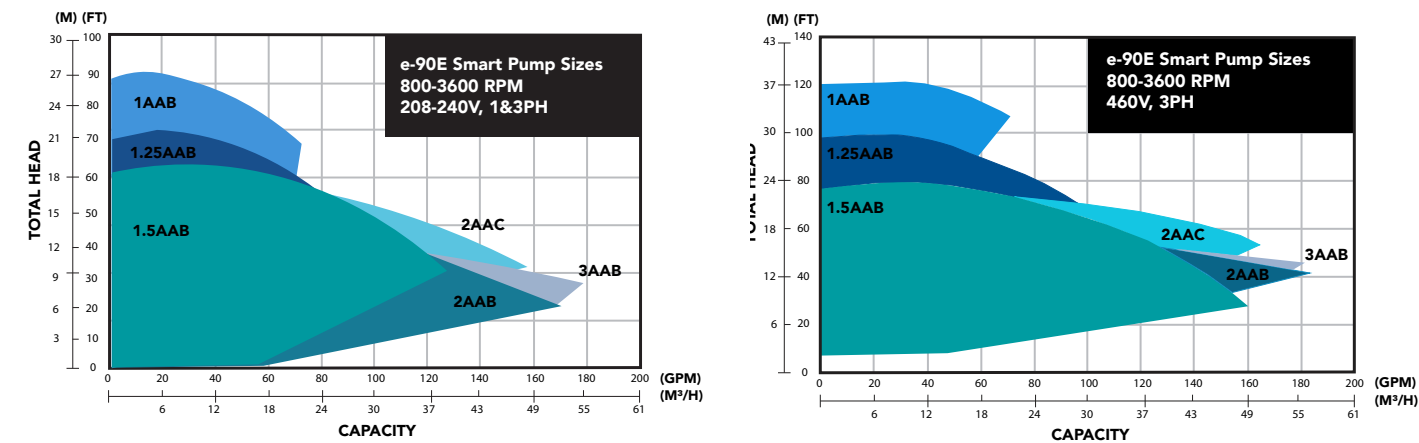
60 Hertz

Open Drip proof

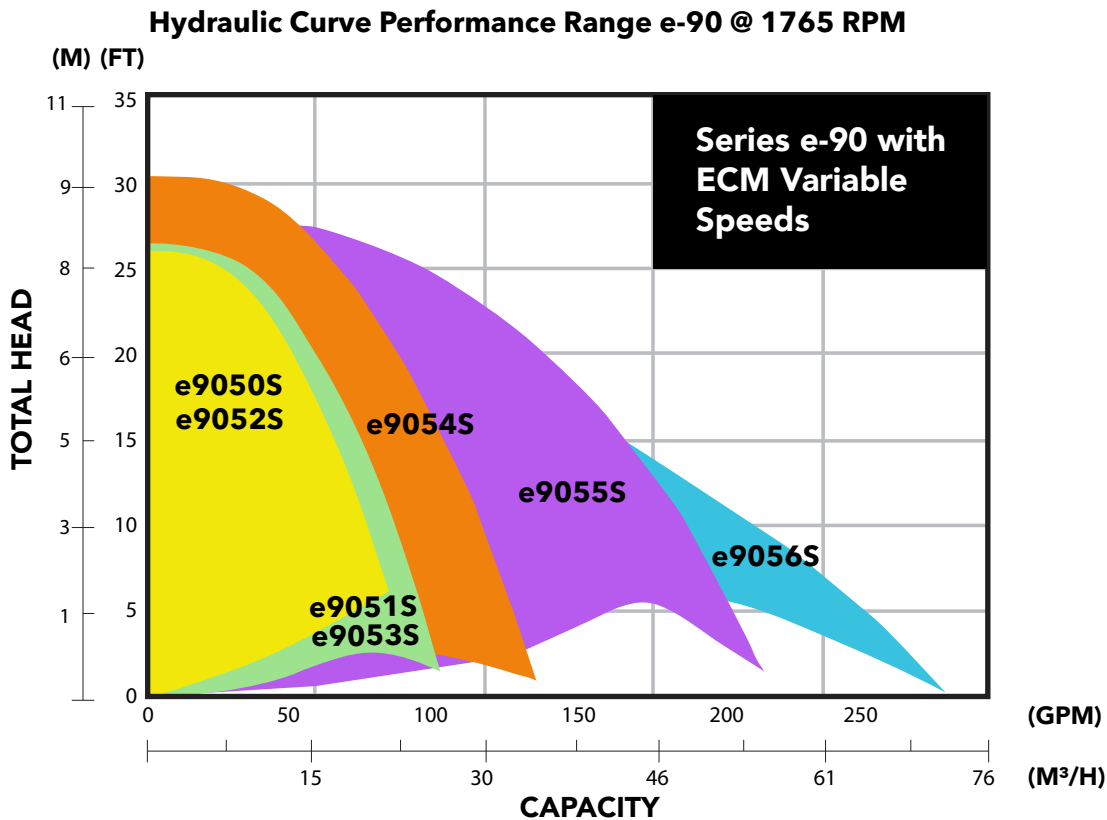


For more exact matches of required performance, consult the Built to Order Performance Curves.

e-90E Smart Pump Family Curves

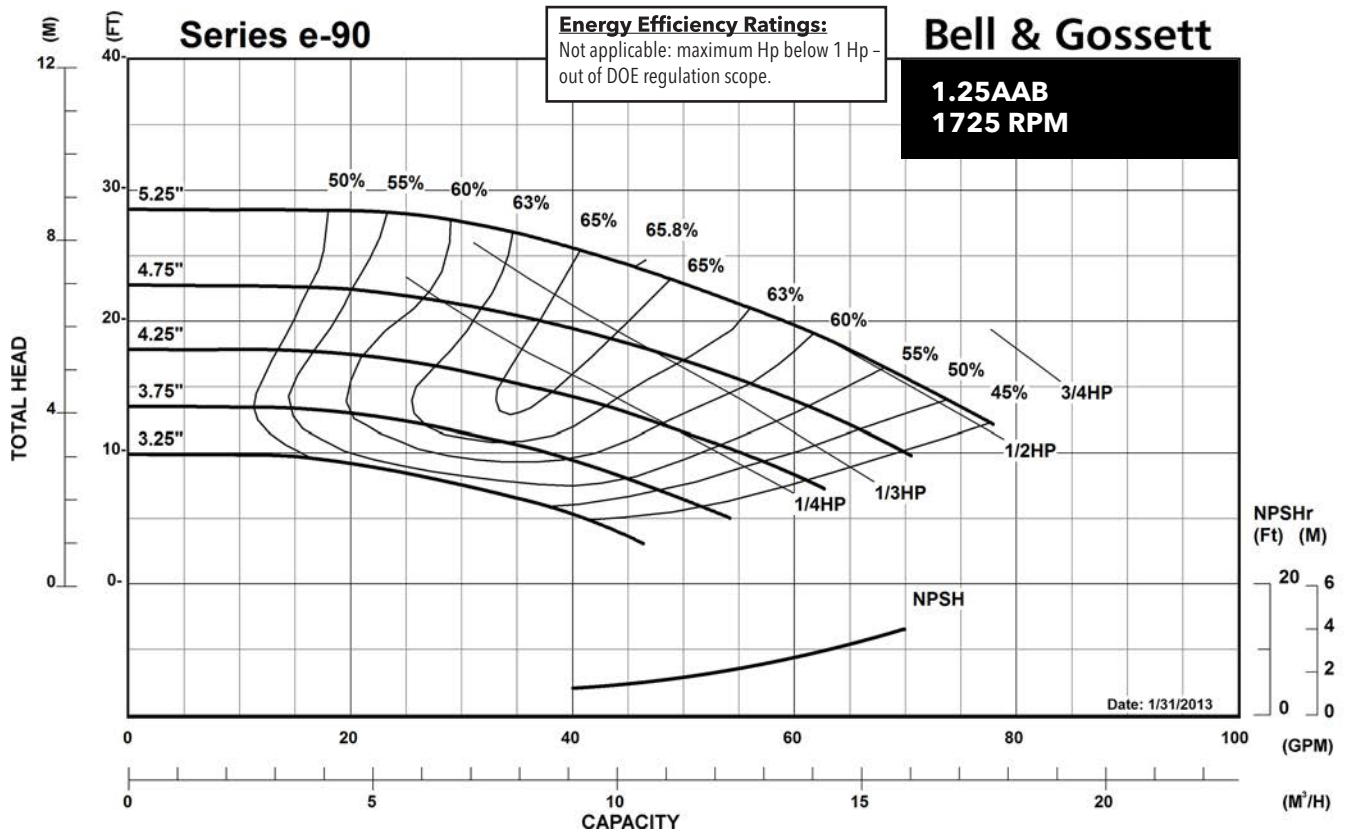
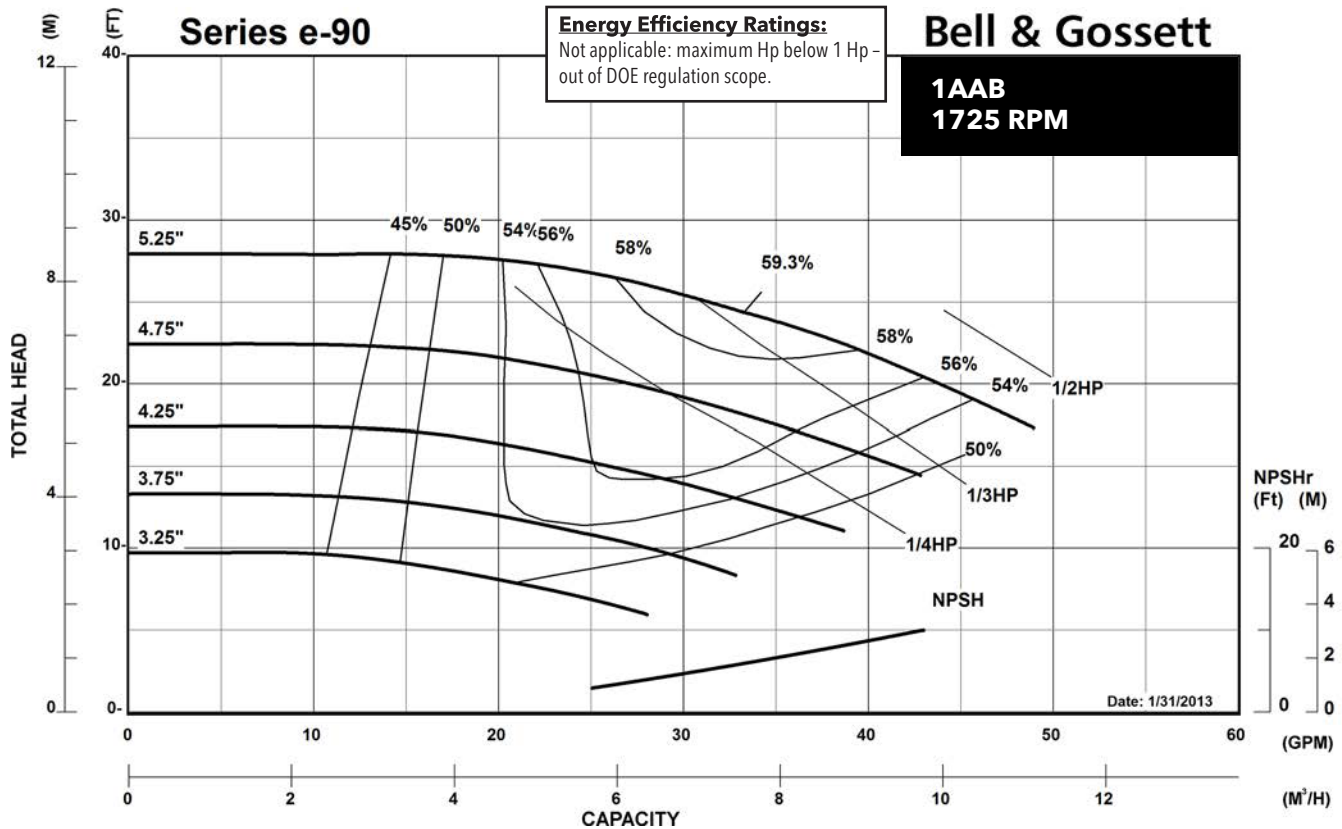


e-90 with ECM Family Curves



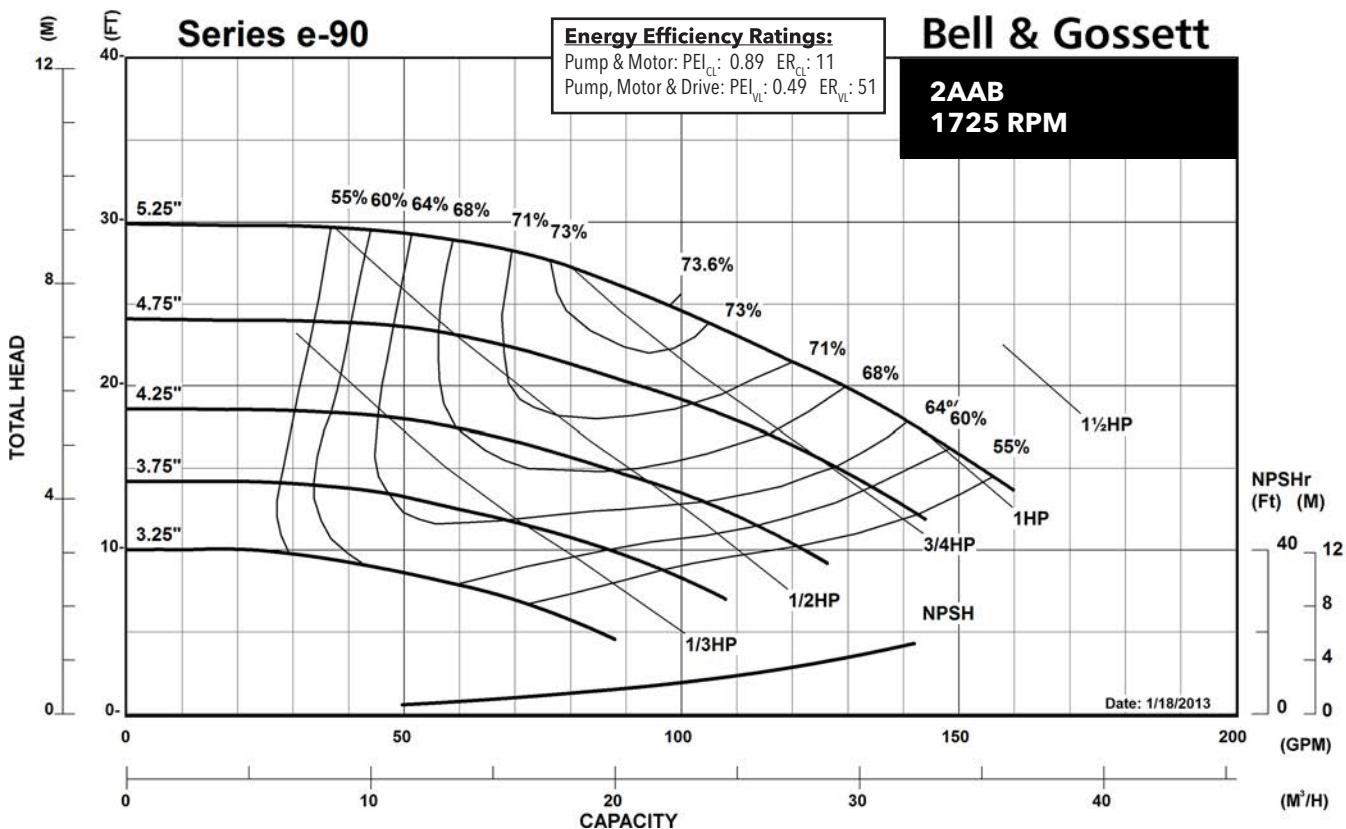
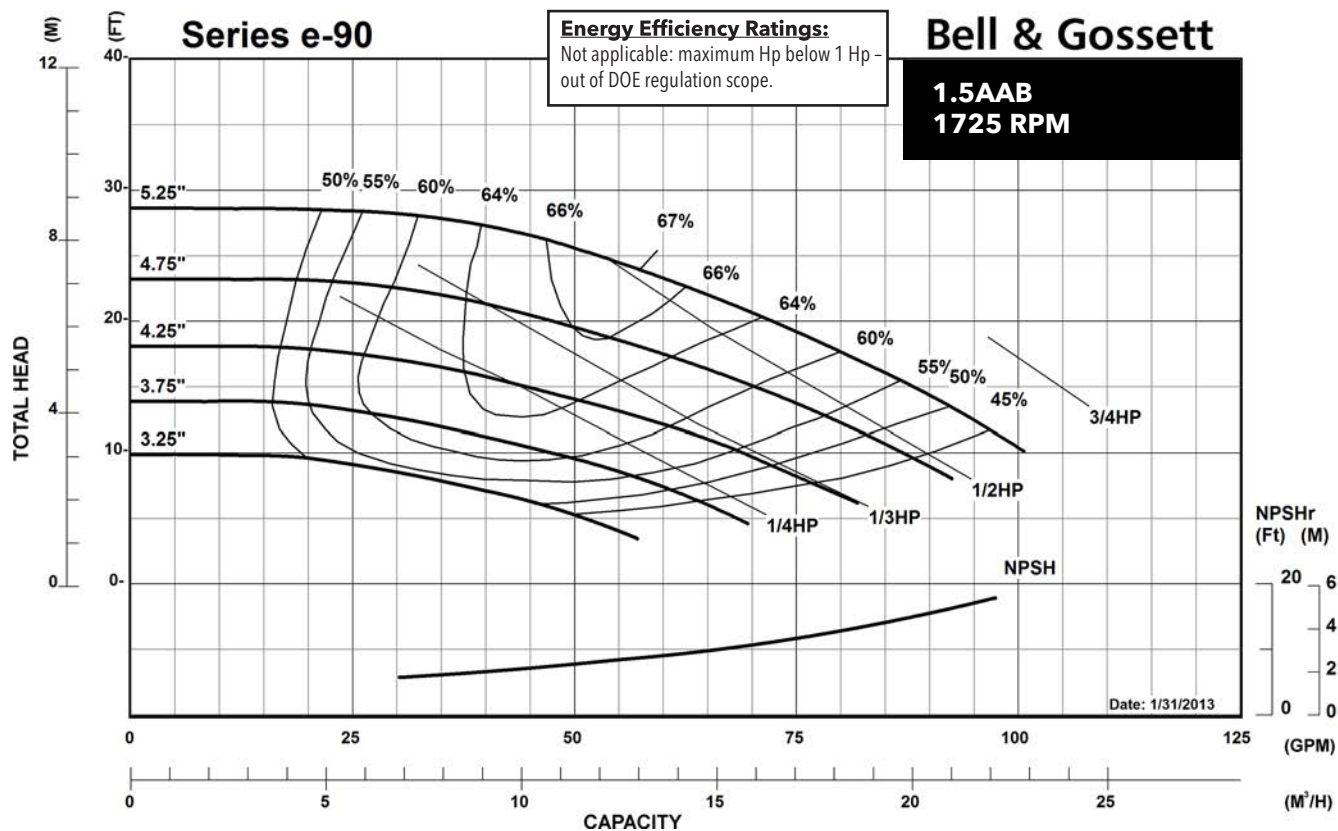
Series e-90

1725 RPM SYNCHRONOUS SPEED



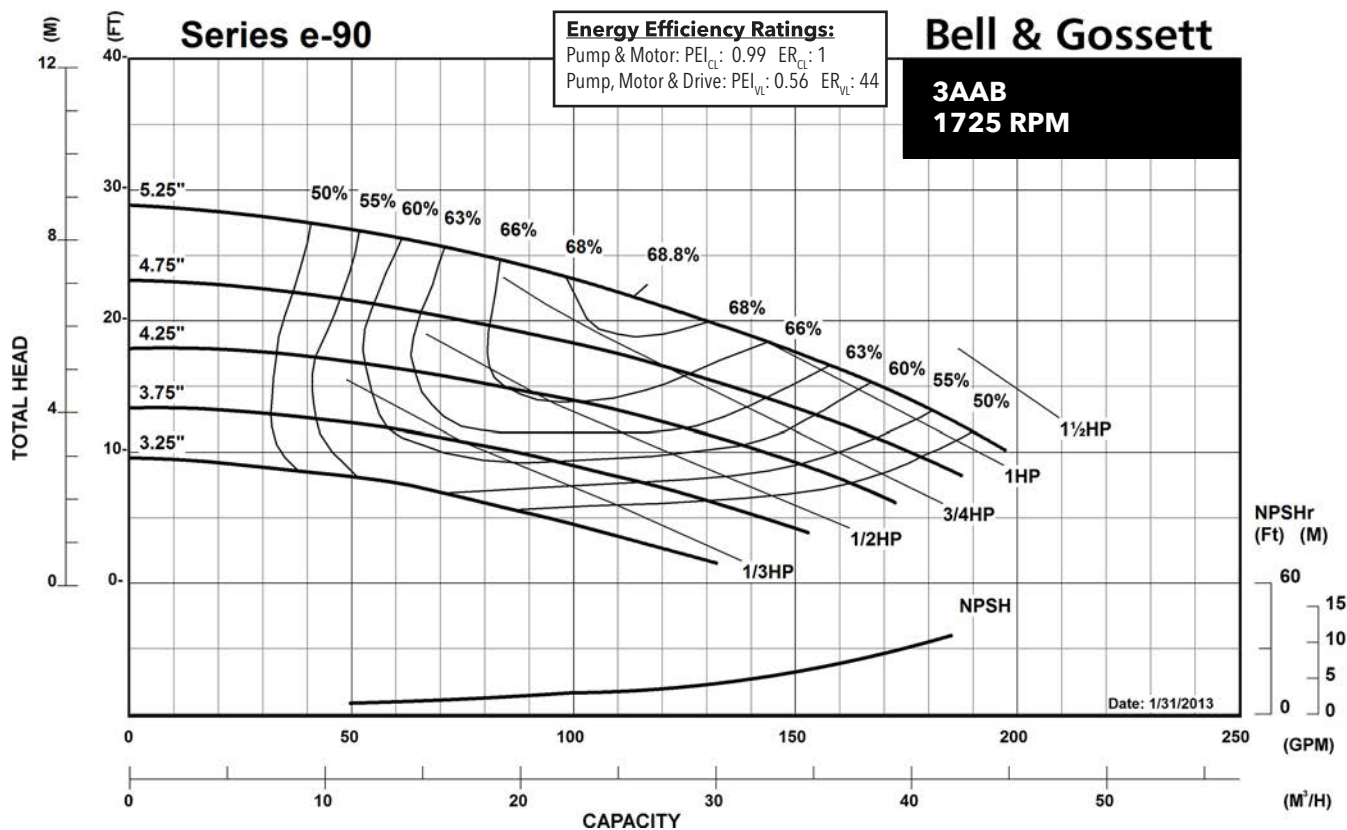
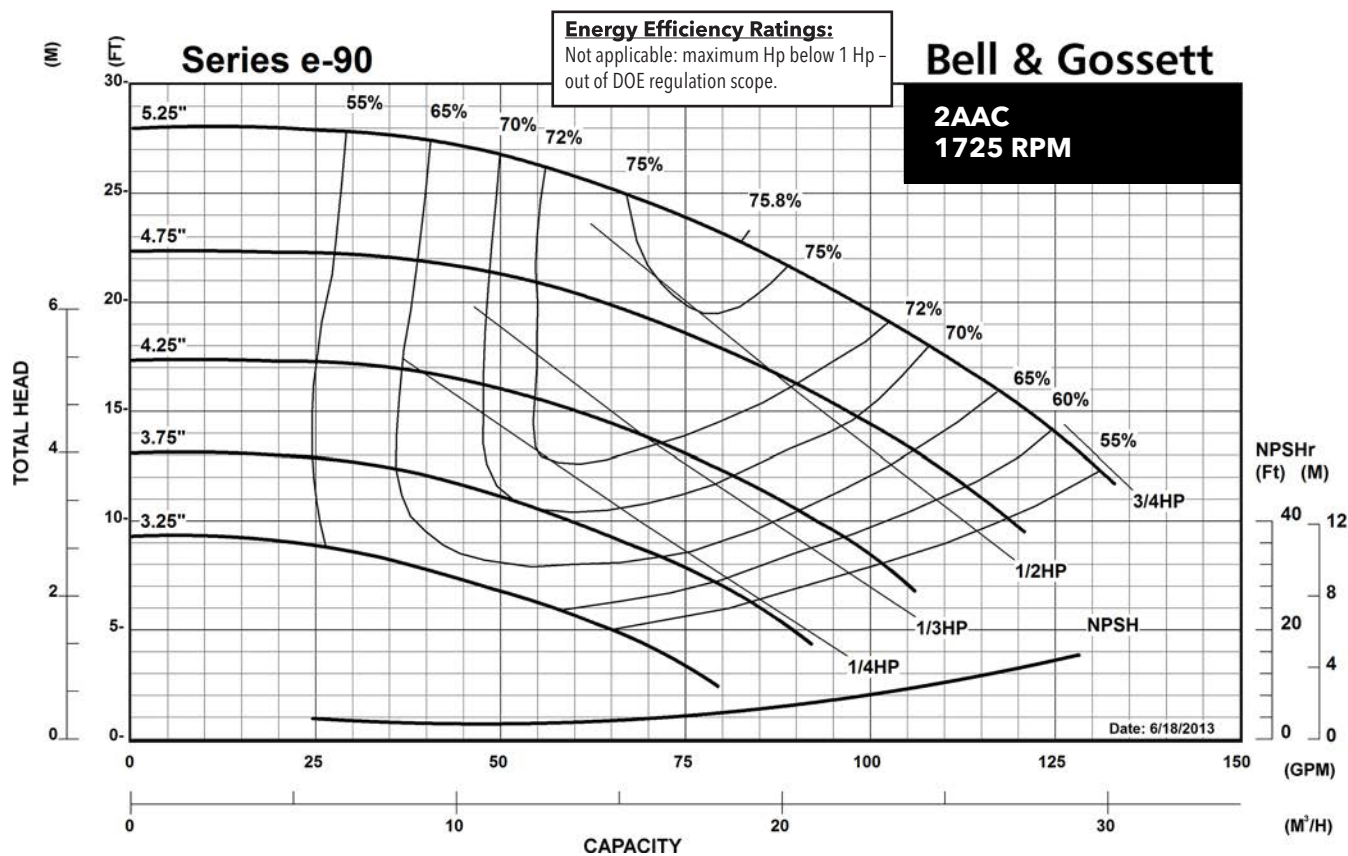
Series e-90

1725 RPM SYNCHRONOUS SPEED



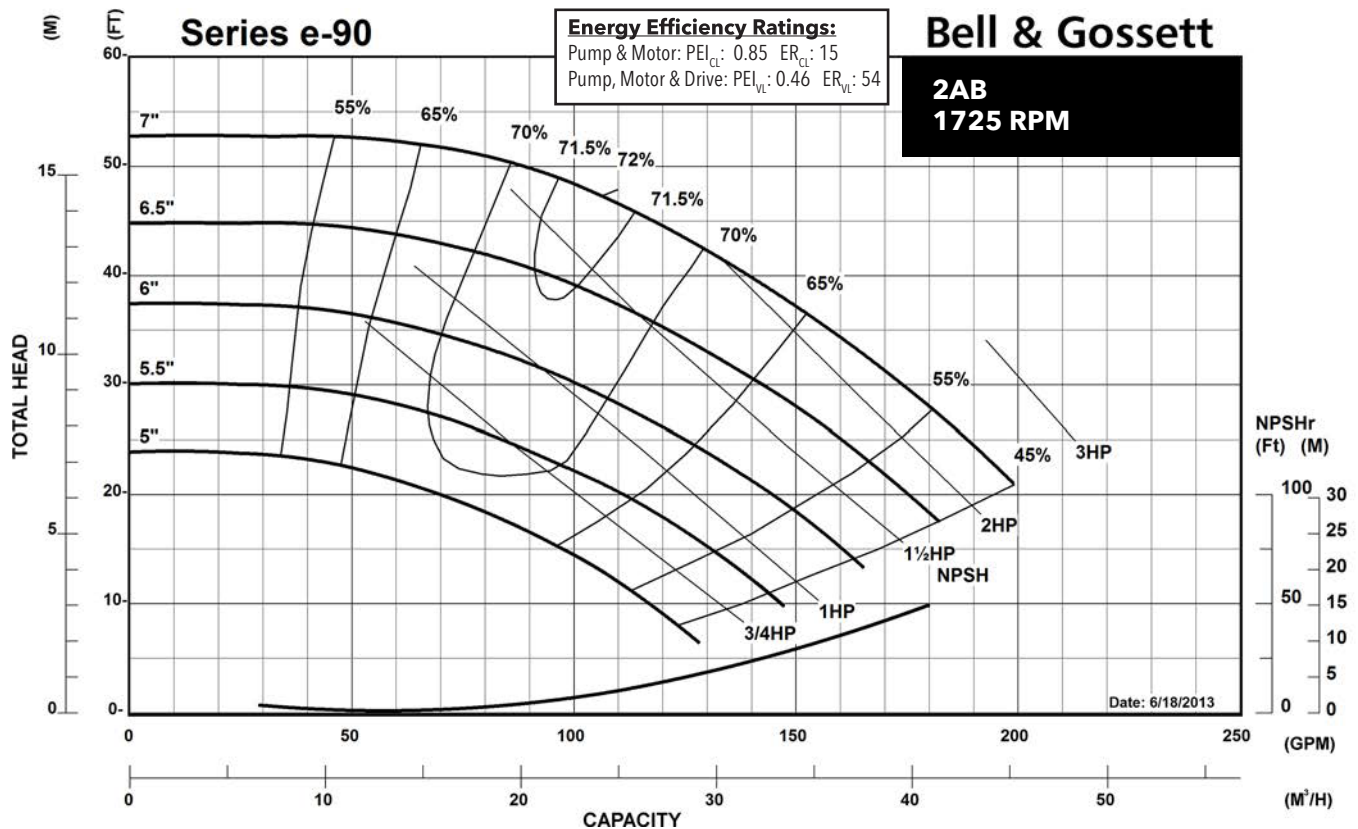
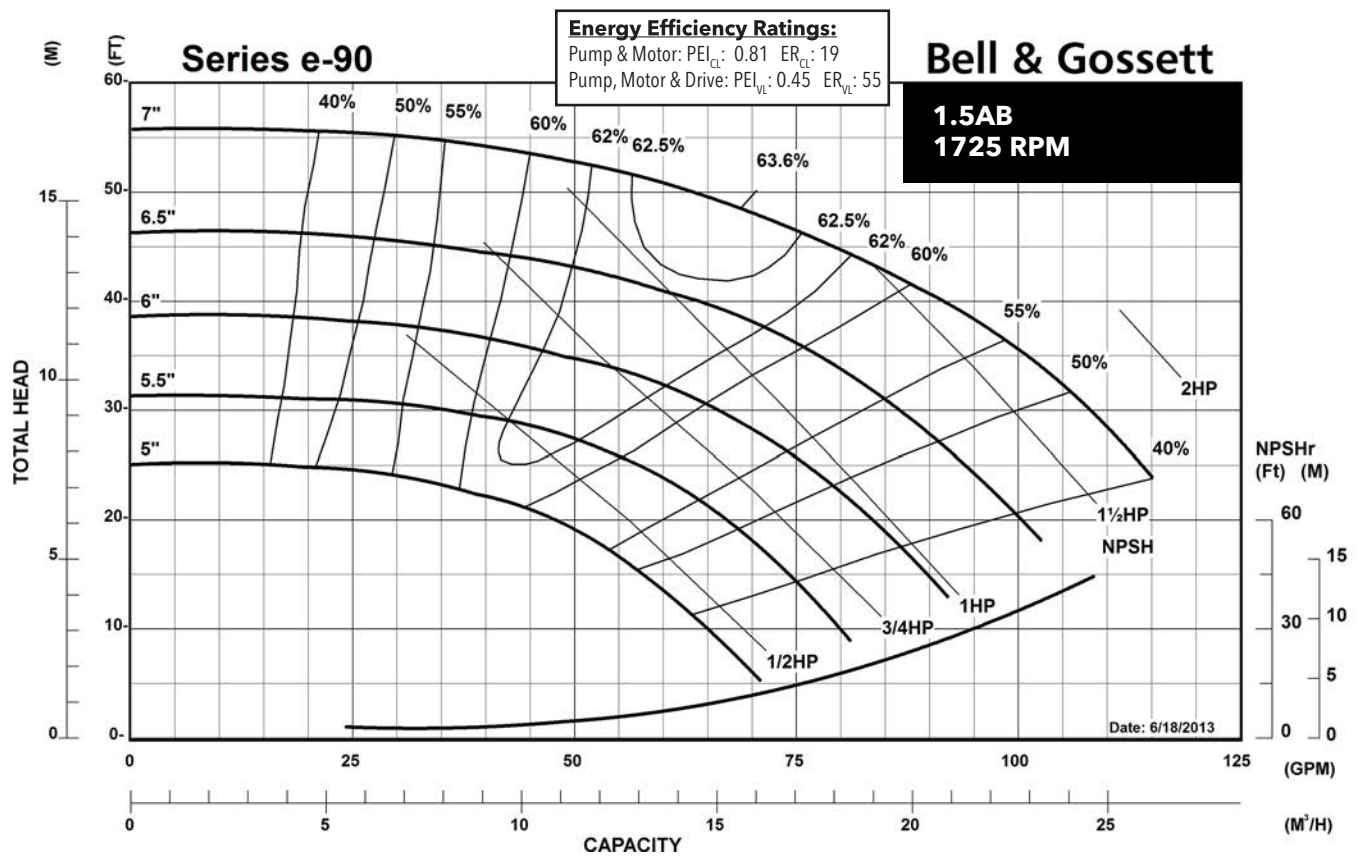
Series e-90

1725 RPM SYNCHRONOUS SPEED



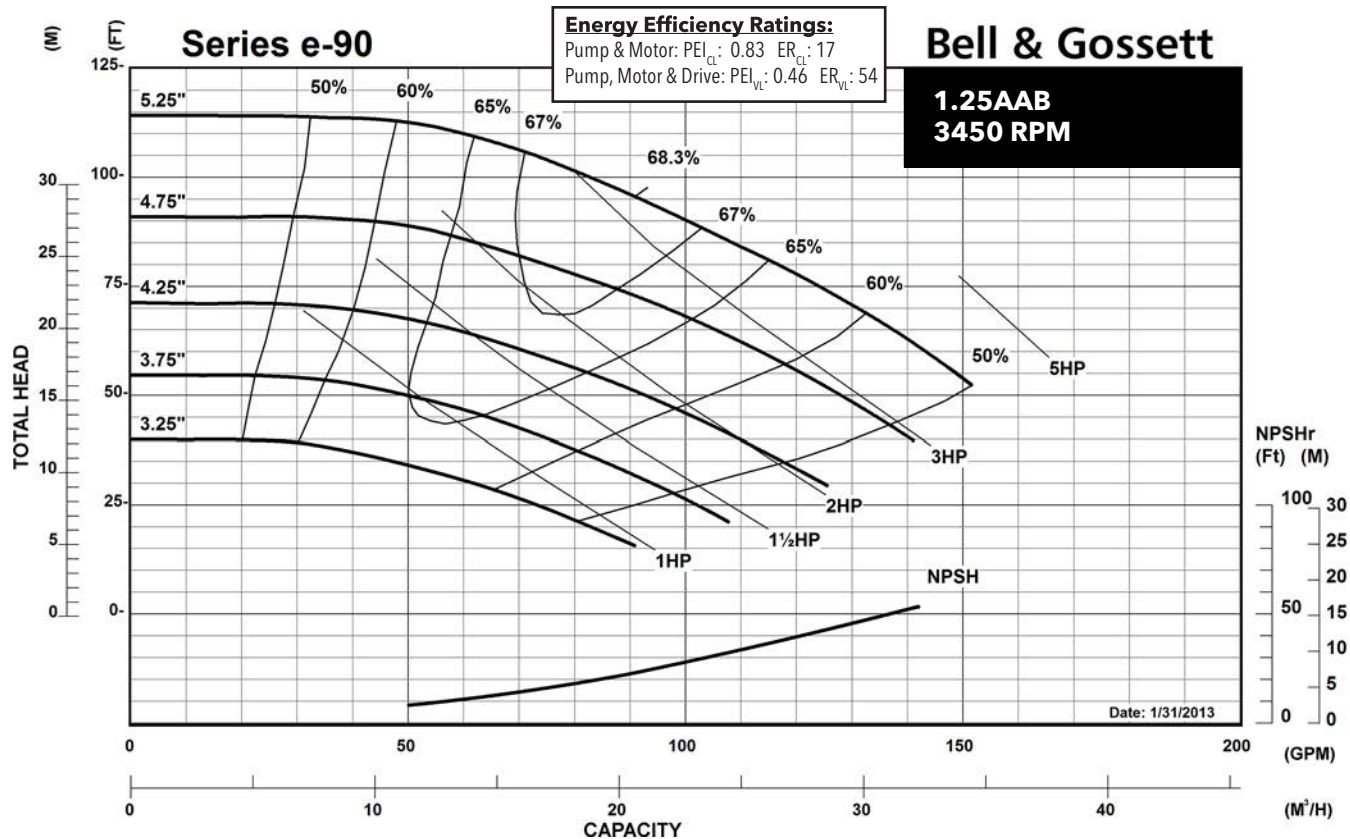
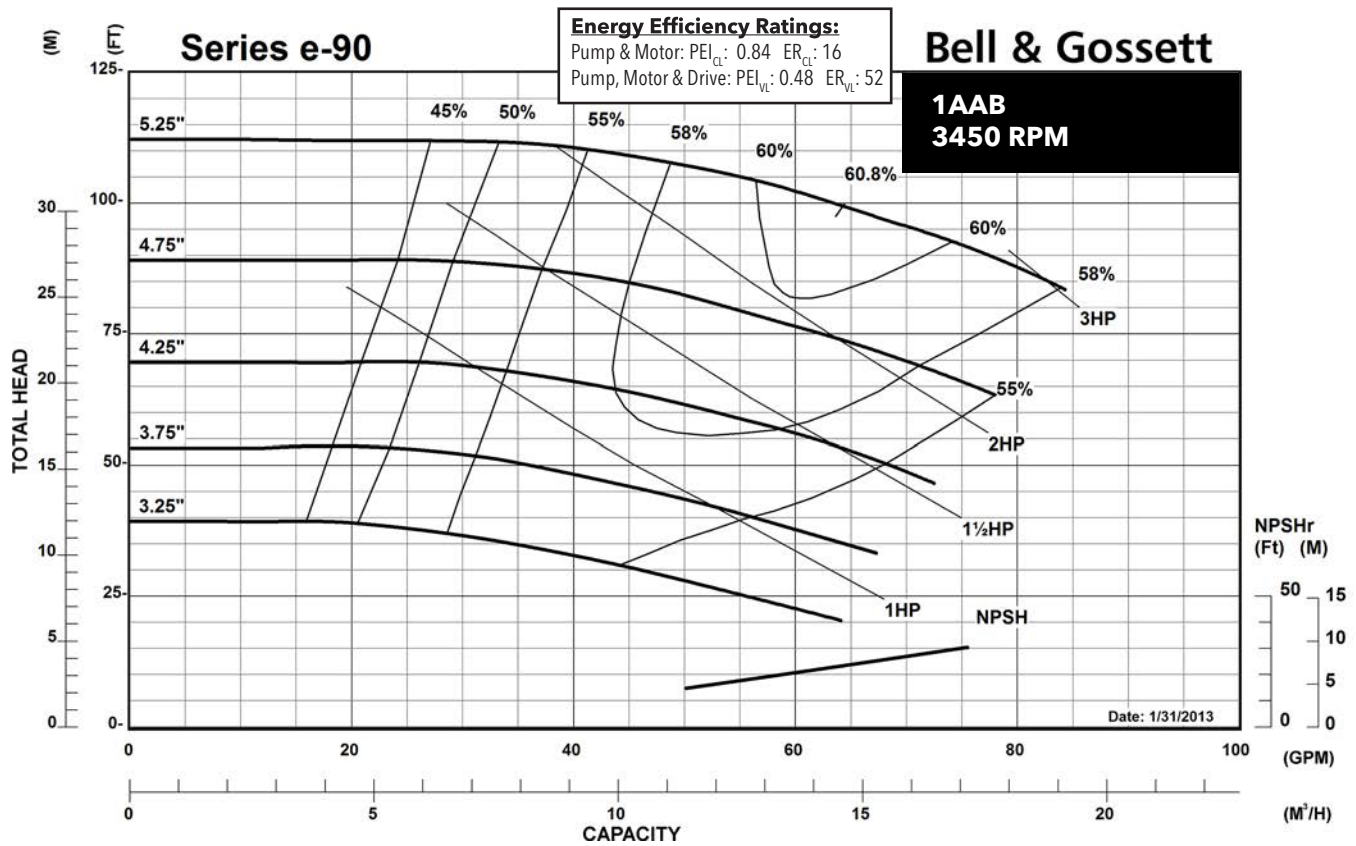
Series e-90

1725 RPM SYNCHRONOUS SPEED



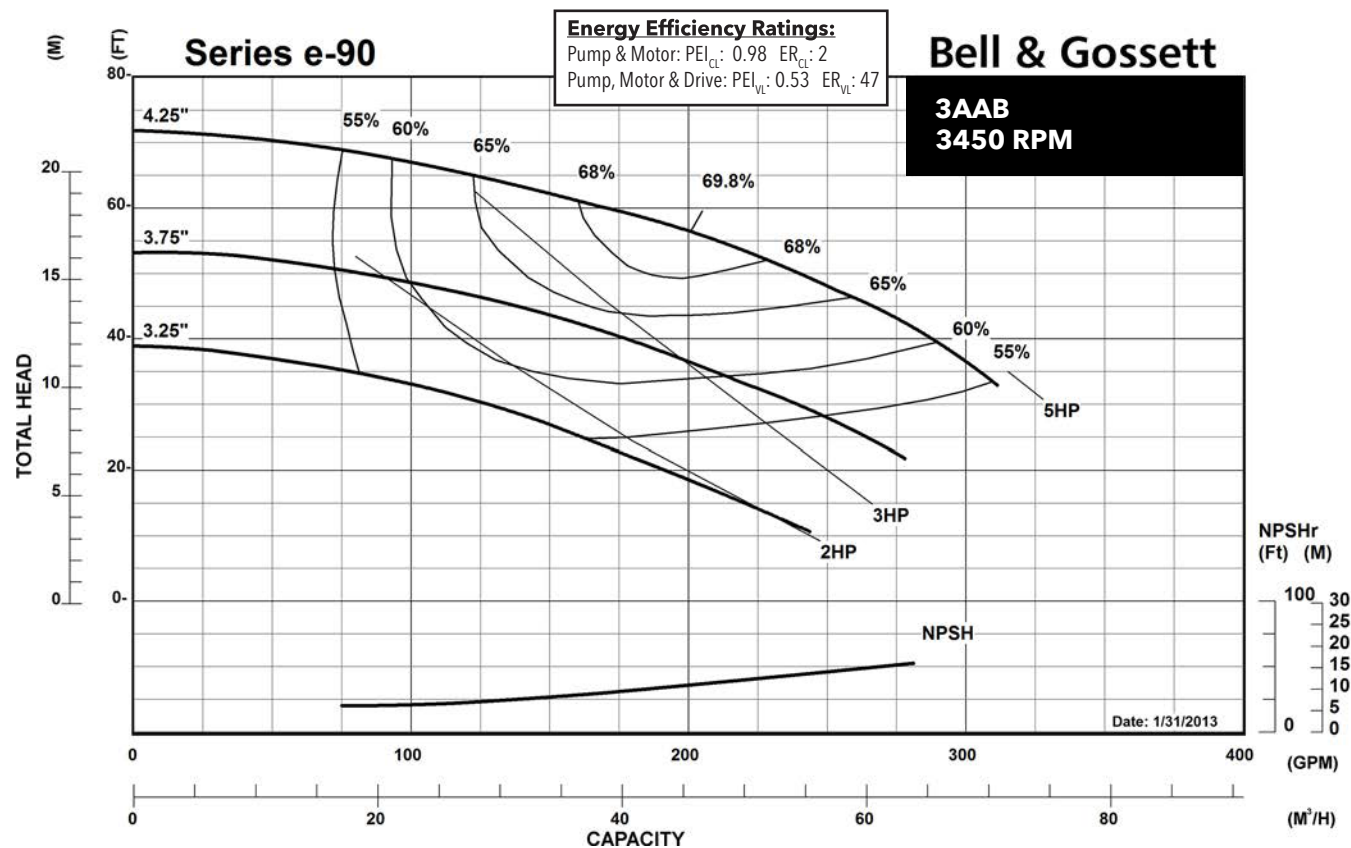
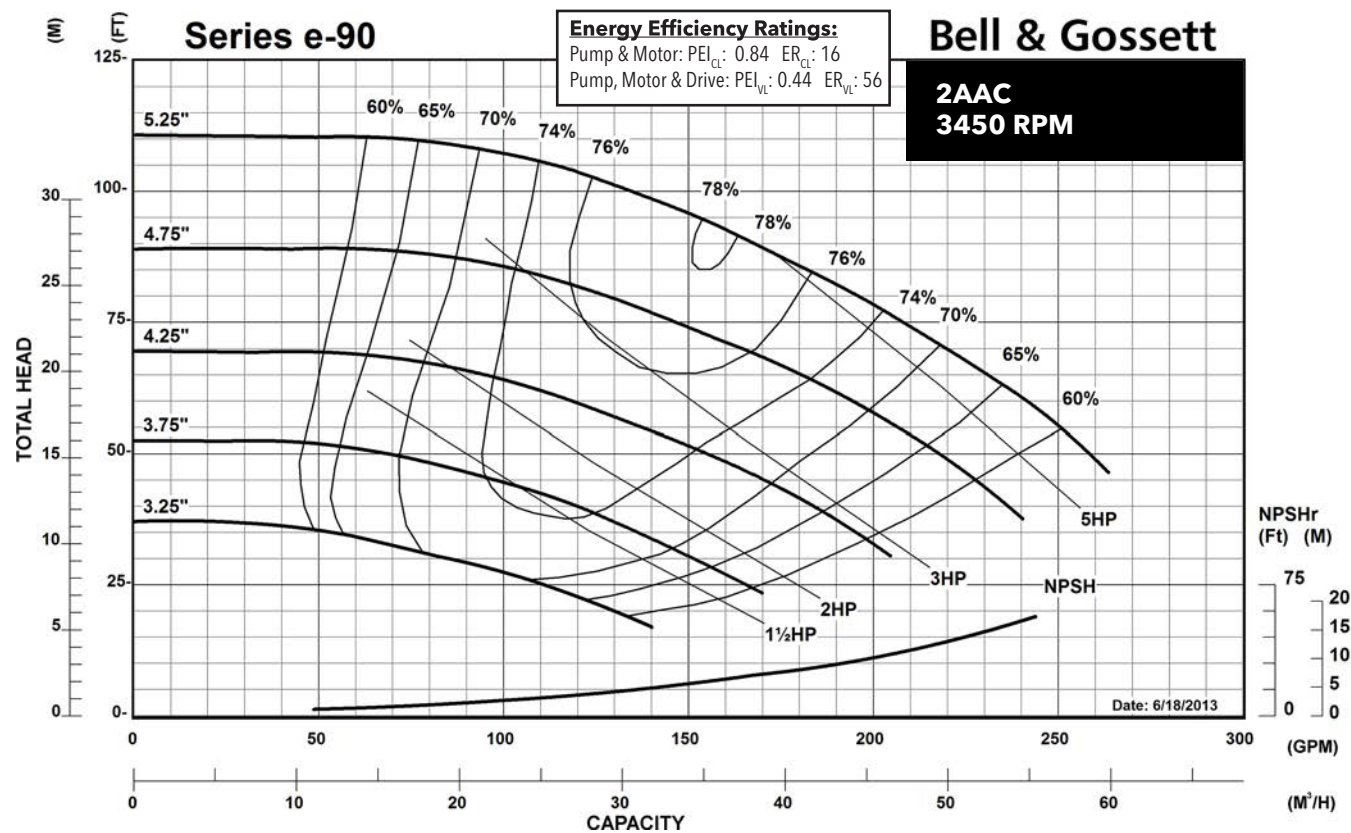
Series e-90

3450 RPM SYNCHRONOUS SPEED



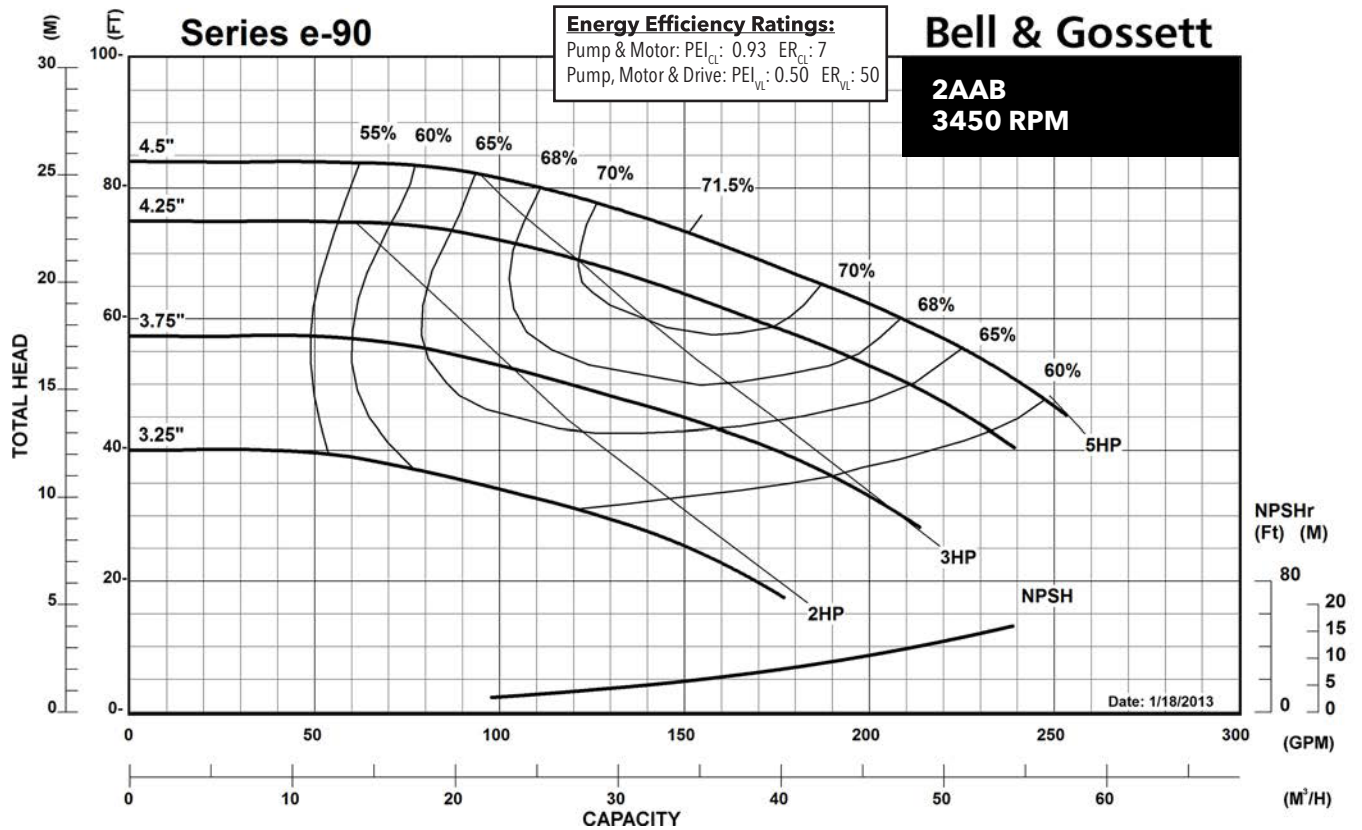
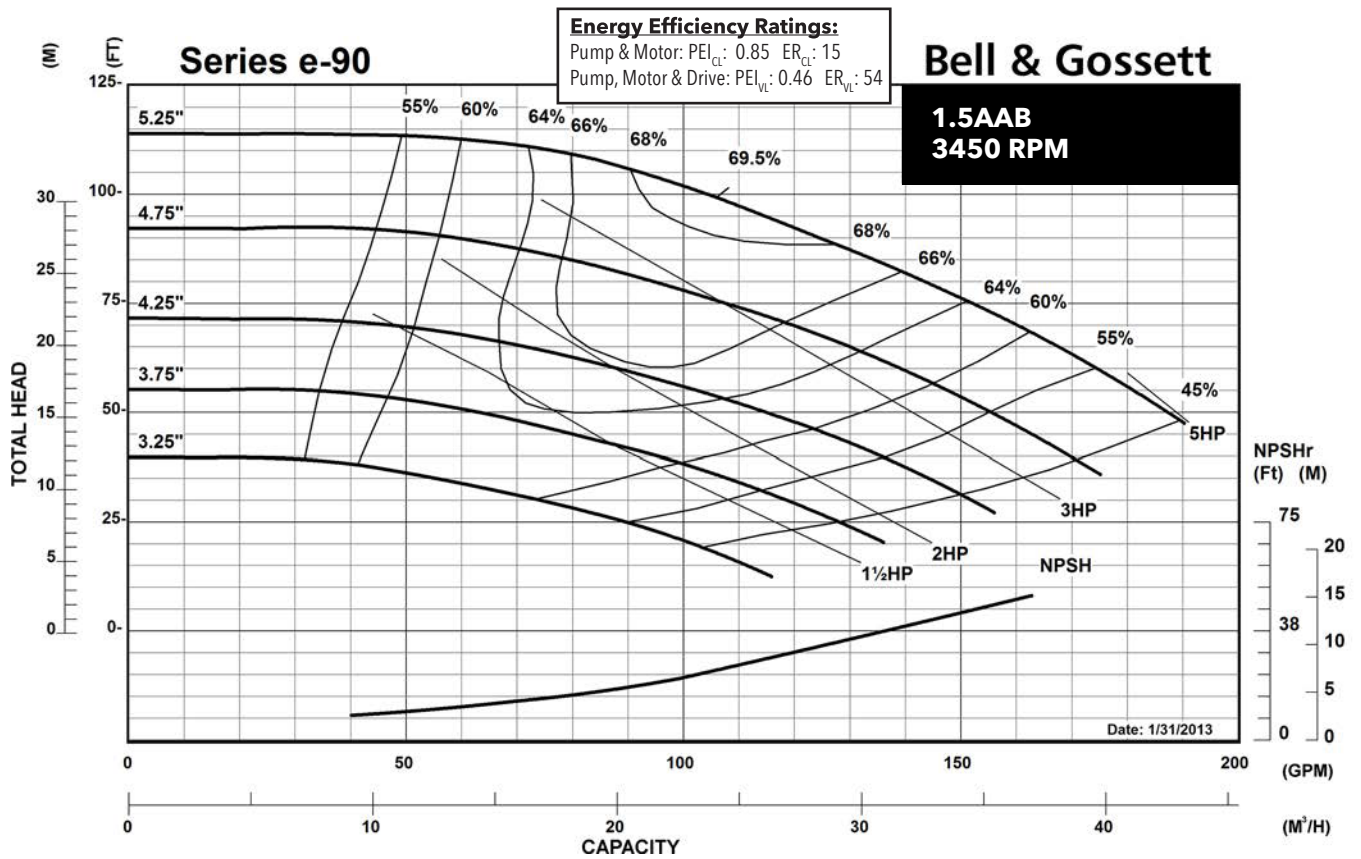
Series e-90

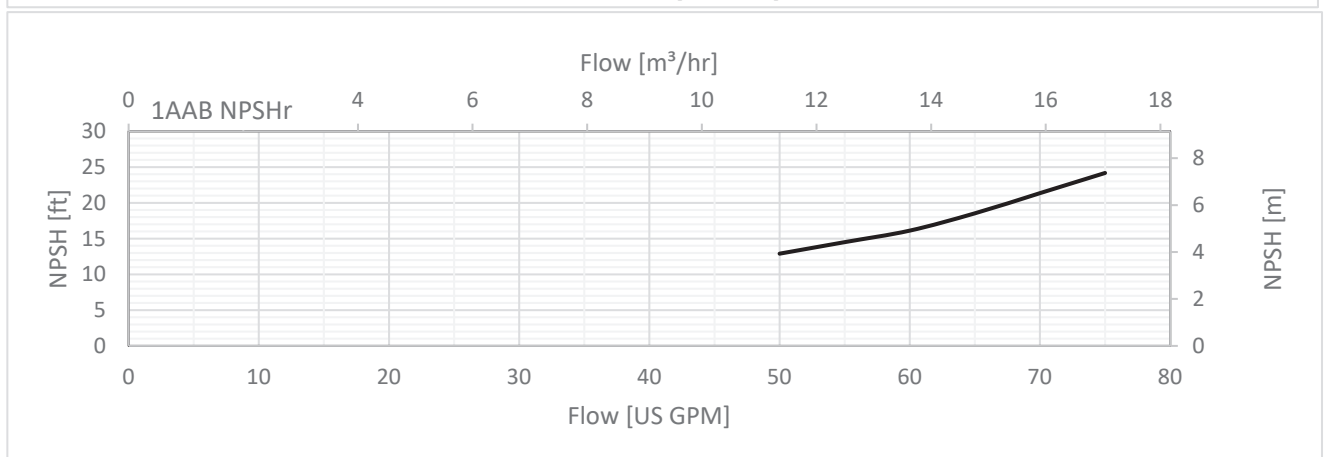
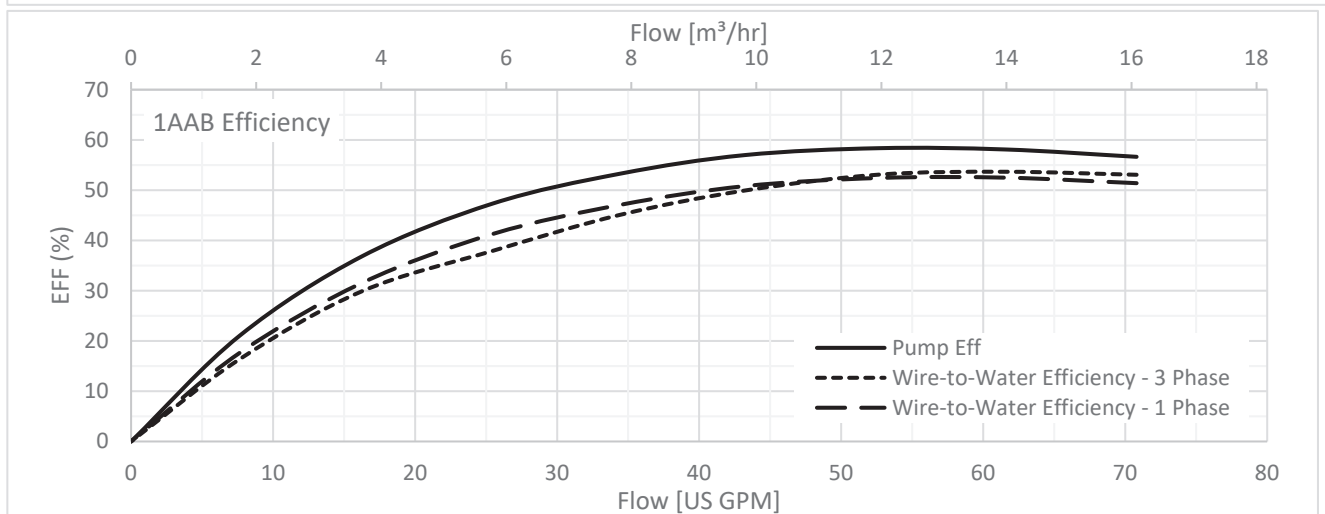
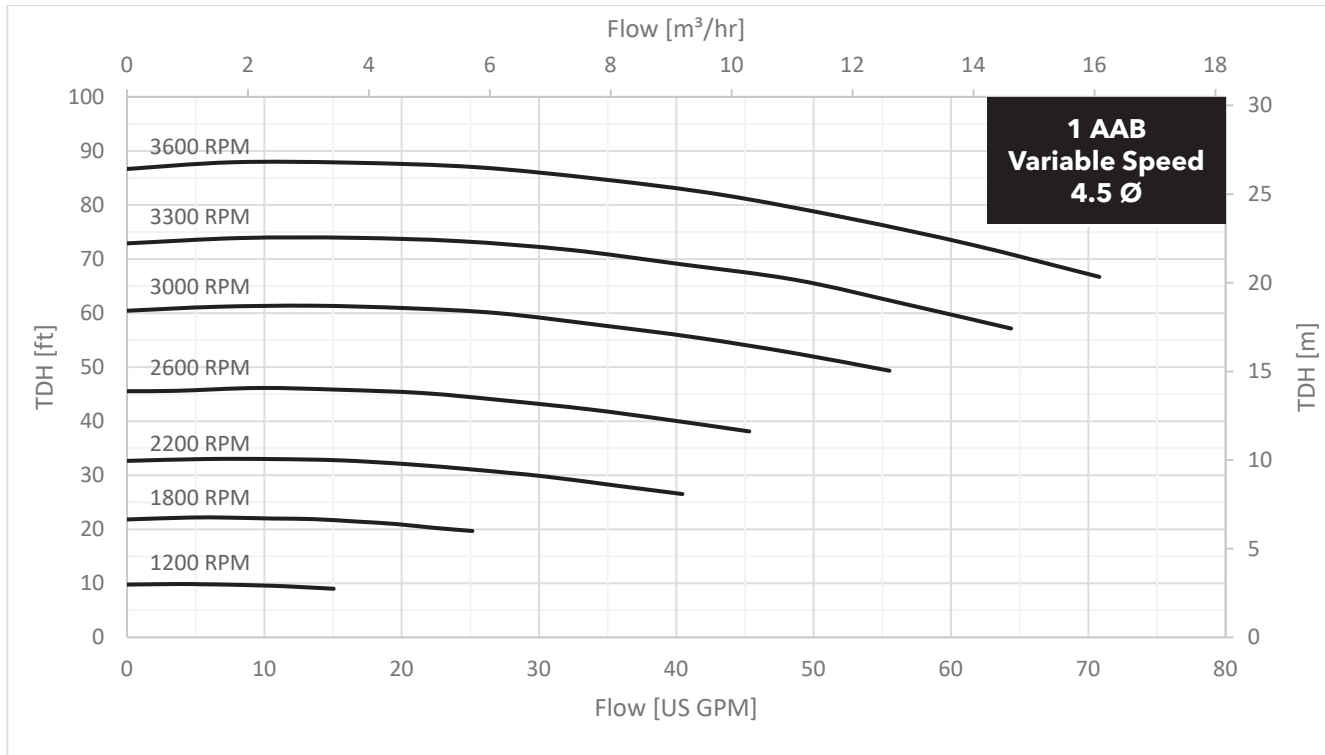
3450 RPM SYNCHRONOUS SPEED



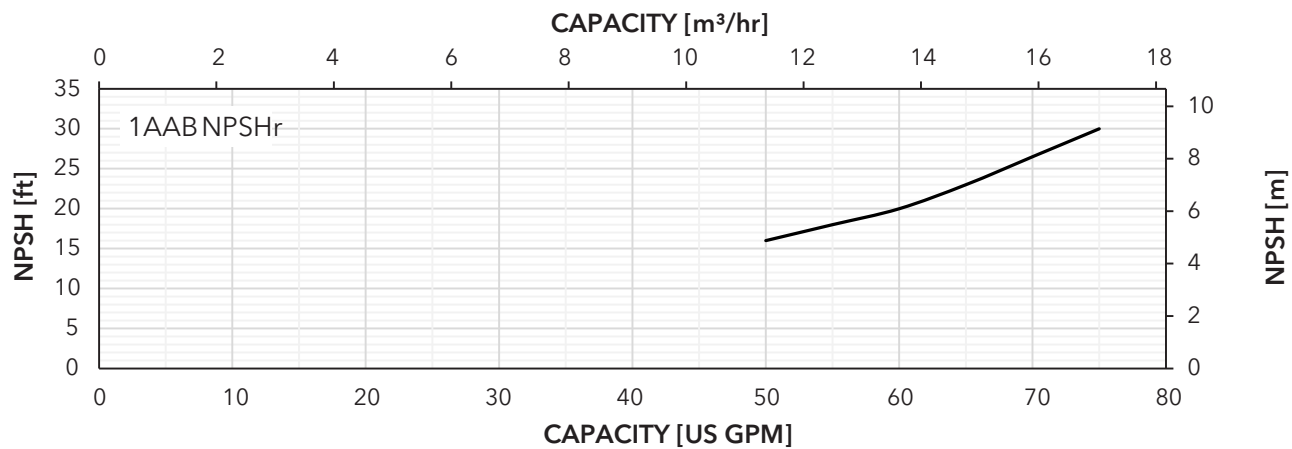
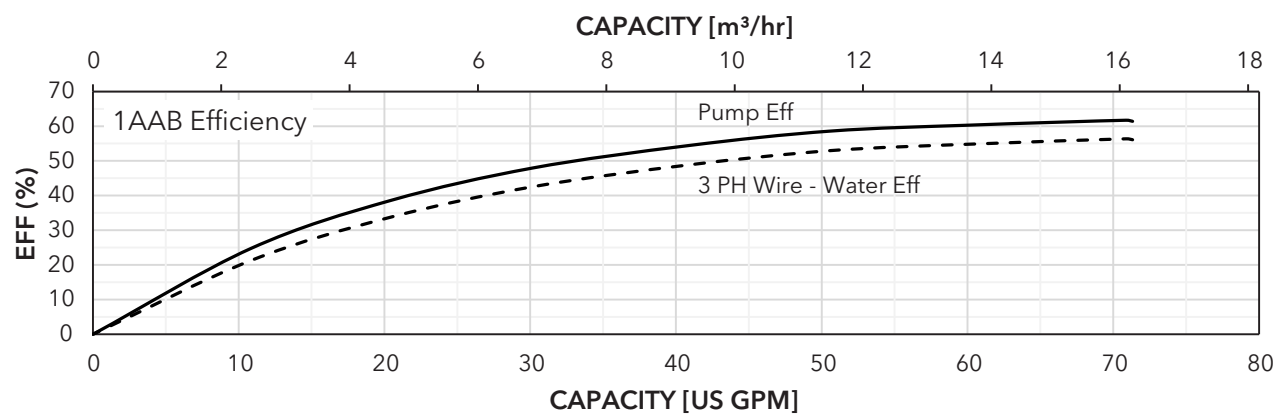
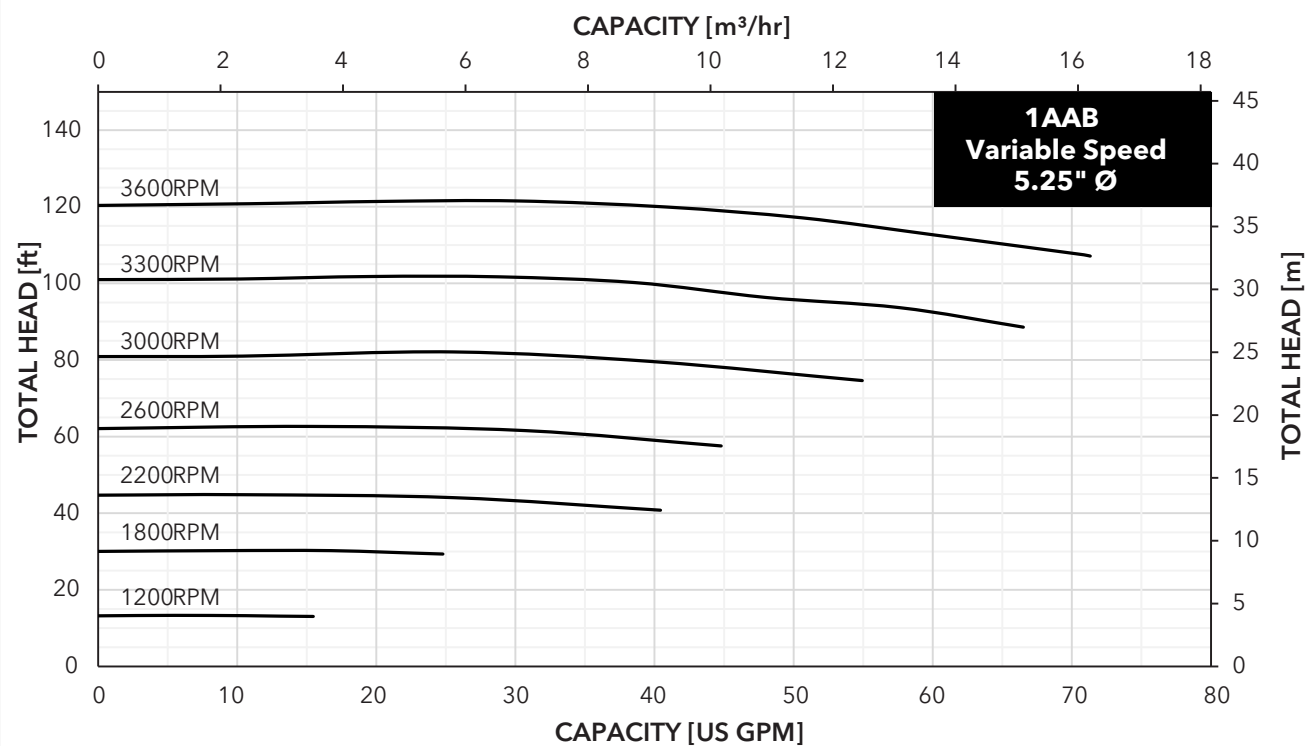
Series e-90

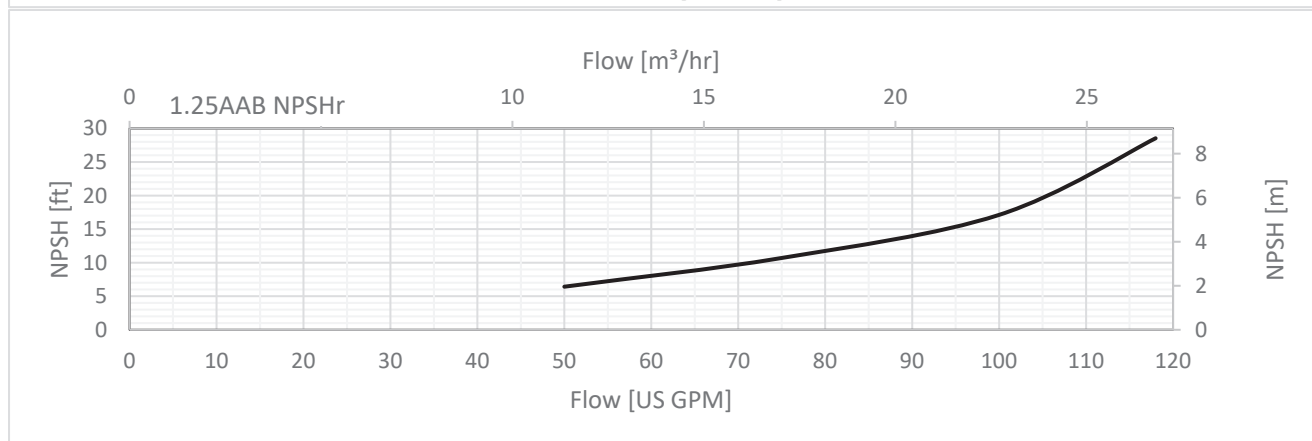
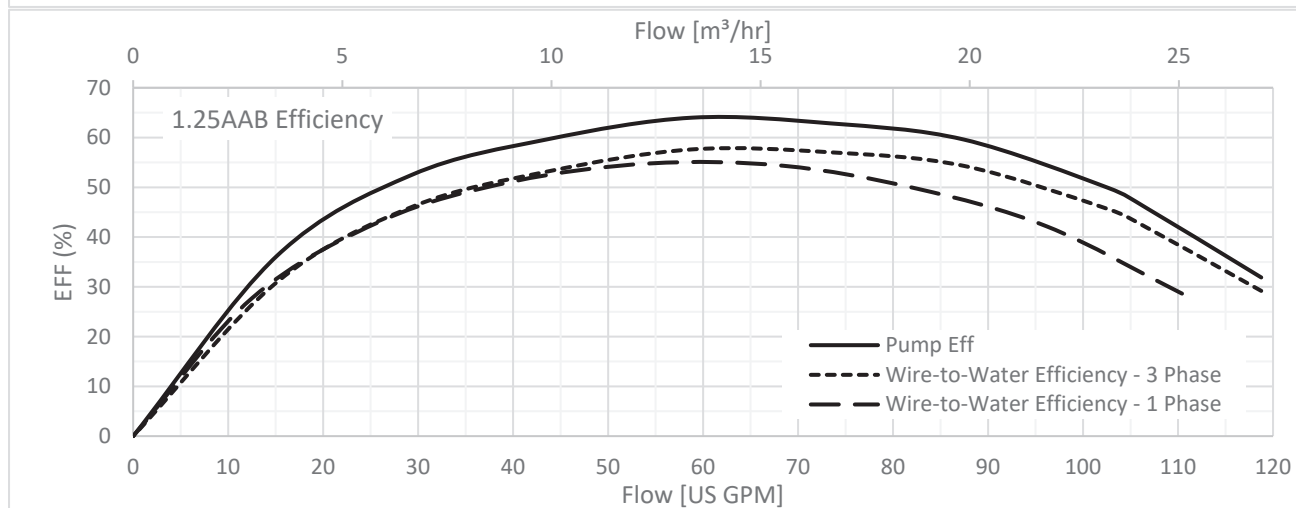
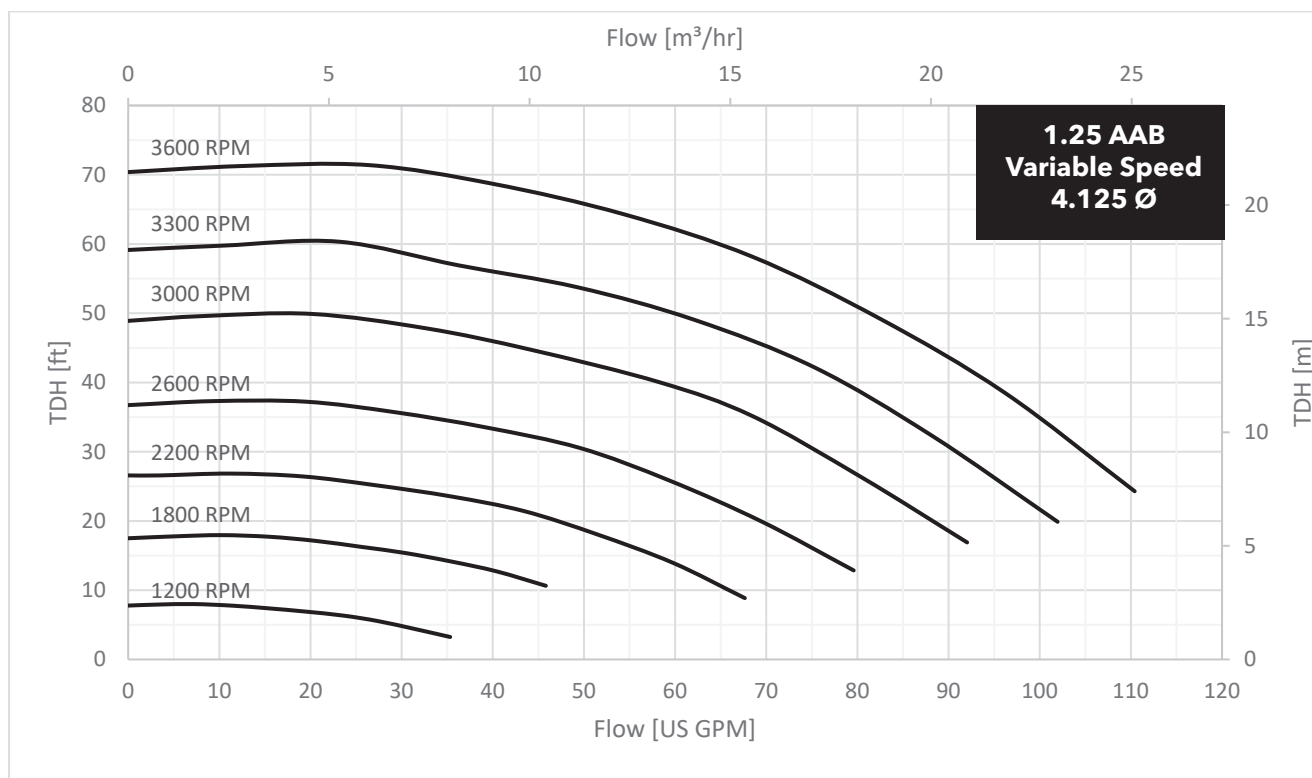
3450 RPM SYNCHRONOUS SPEED





1AAB with smart motor



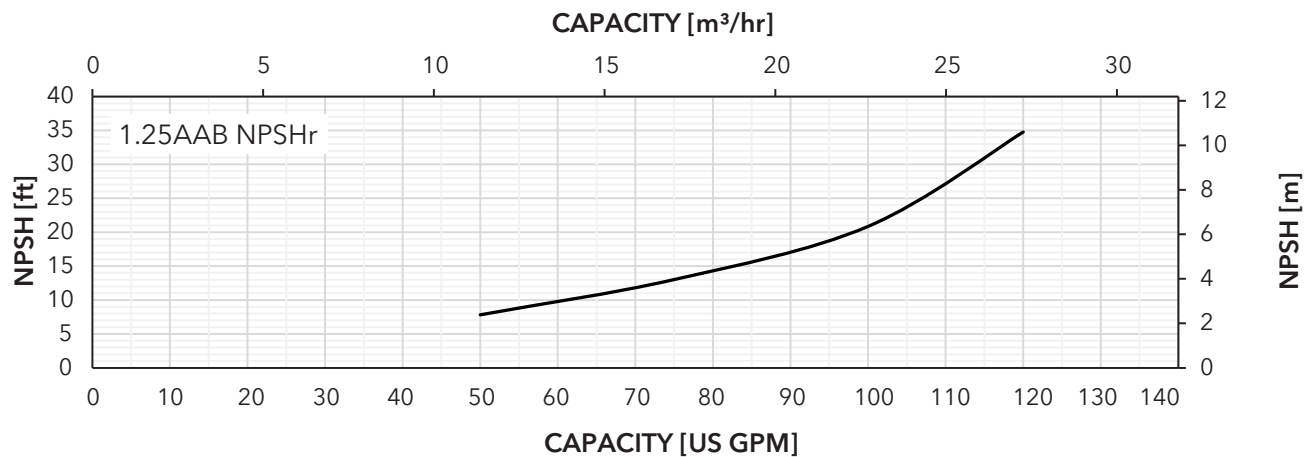
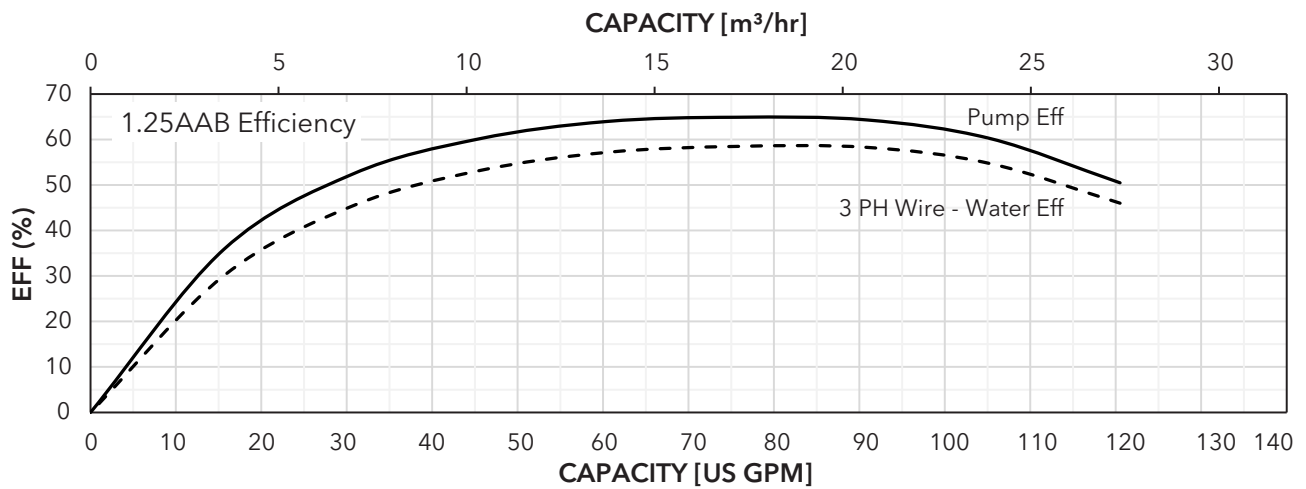
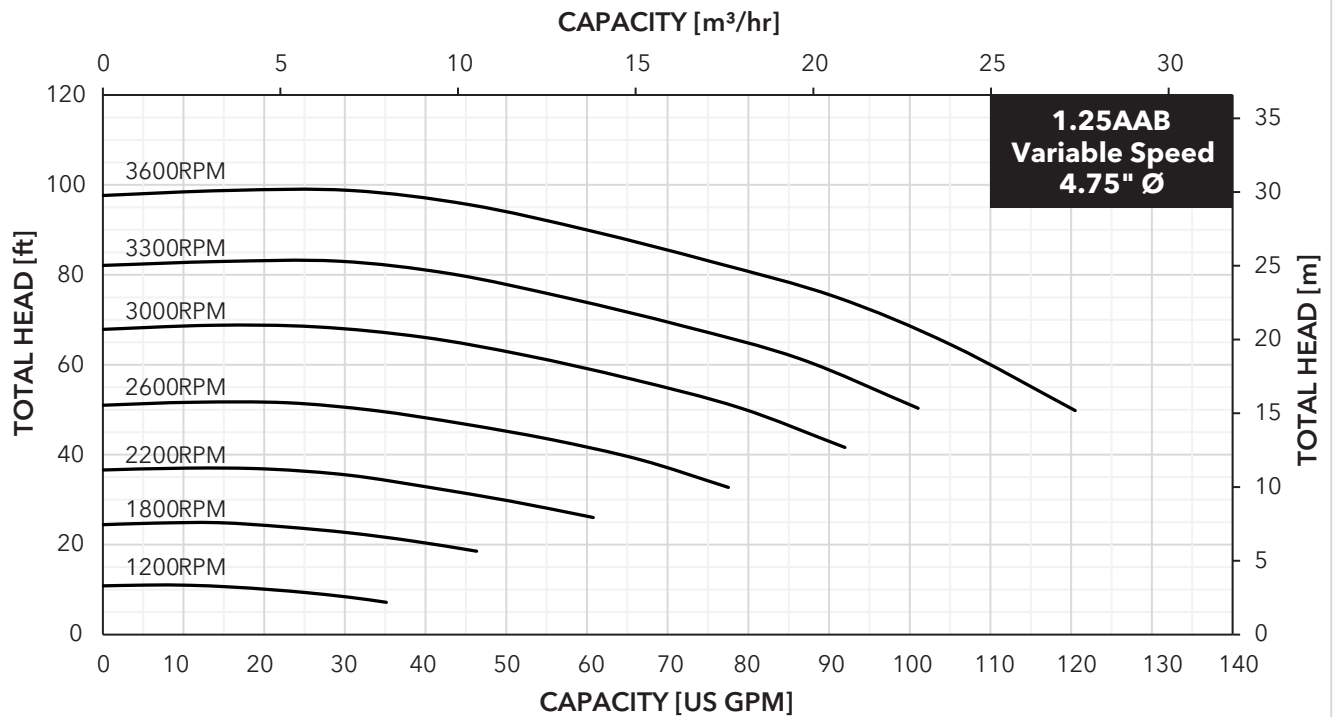


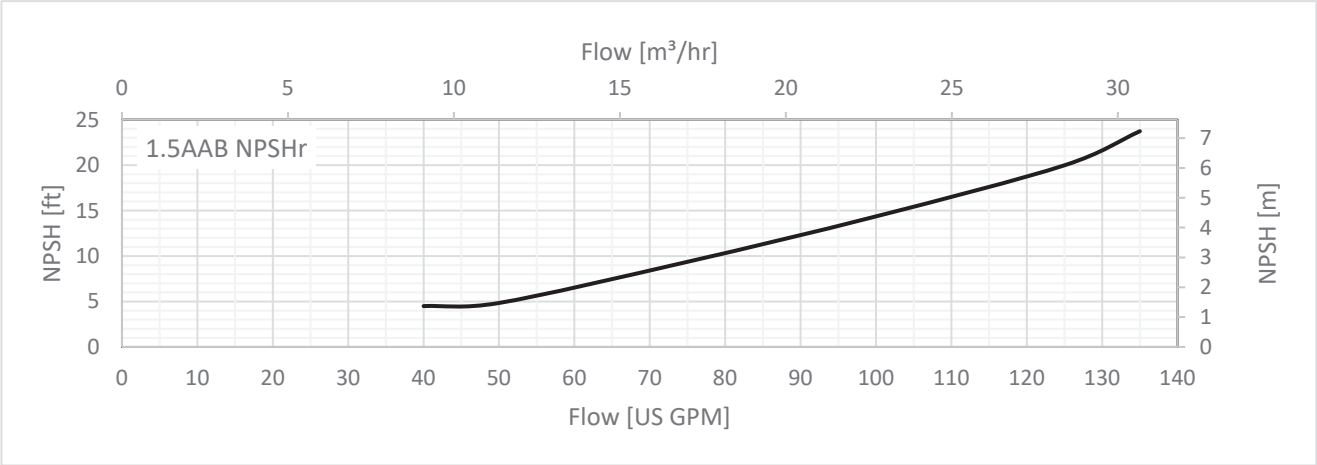
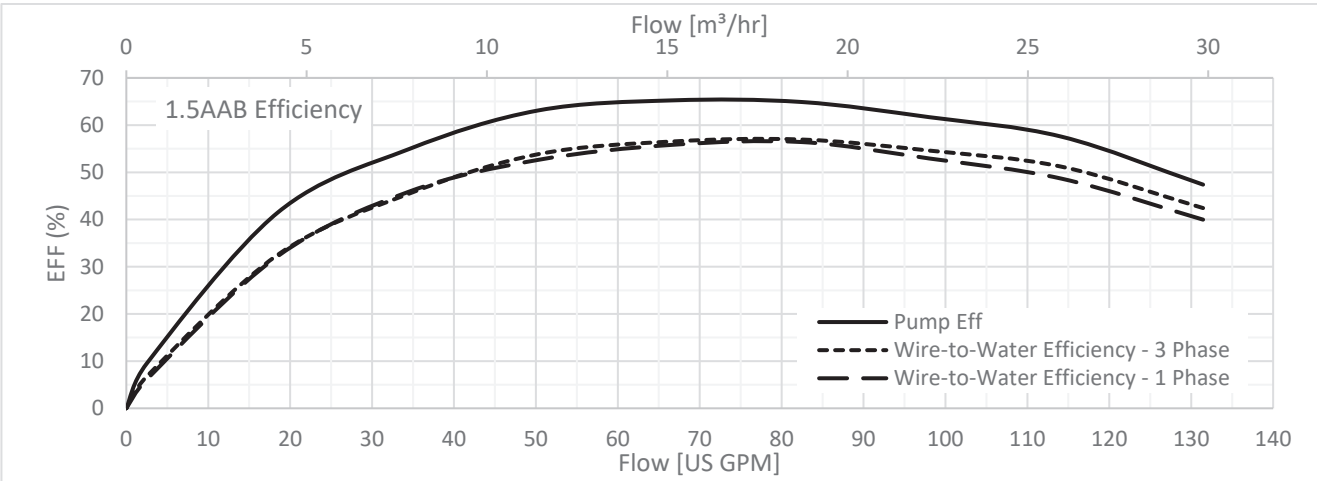
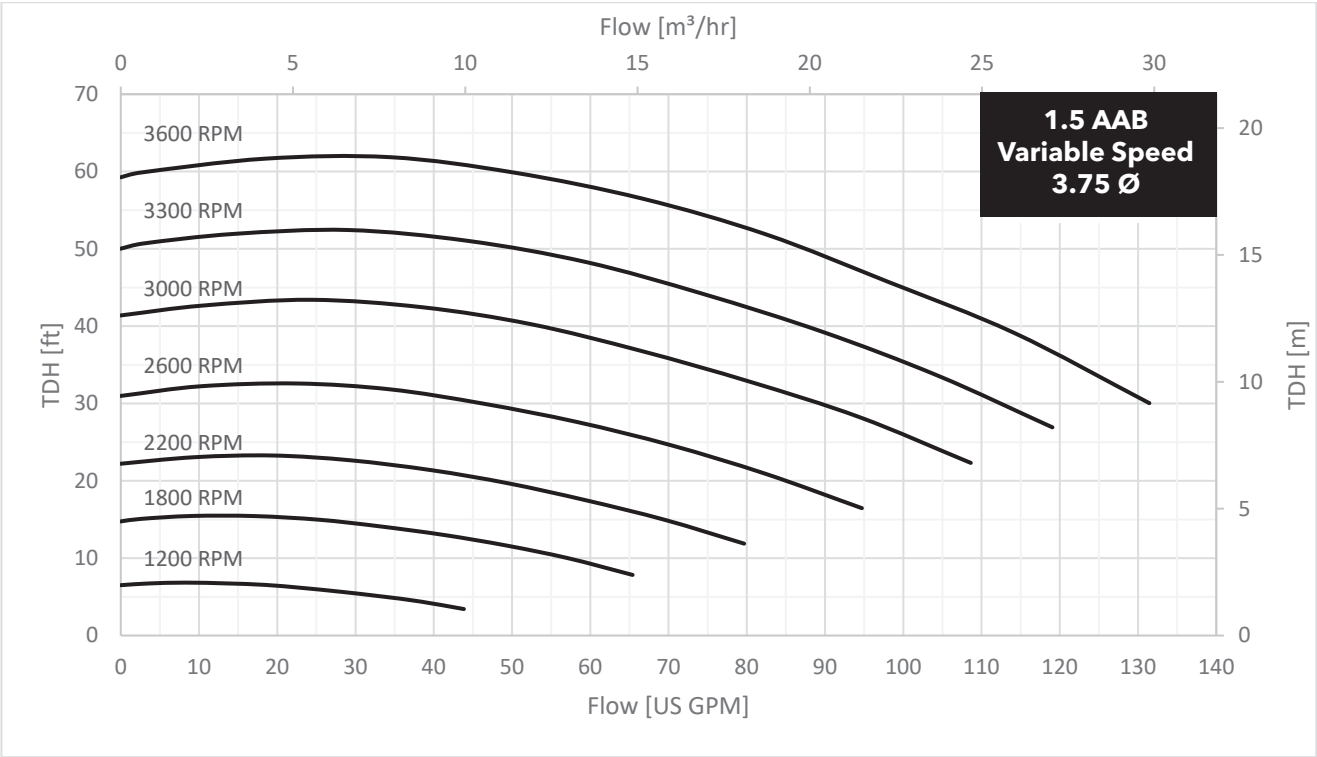
Series e-90E Smart Pump

VARIABLE SPEED

460V - 3PH

1.25AAB with smart motor



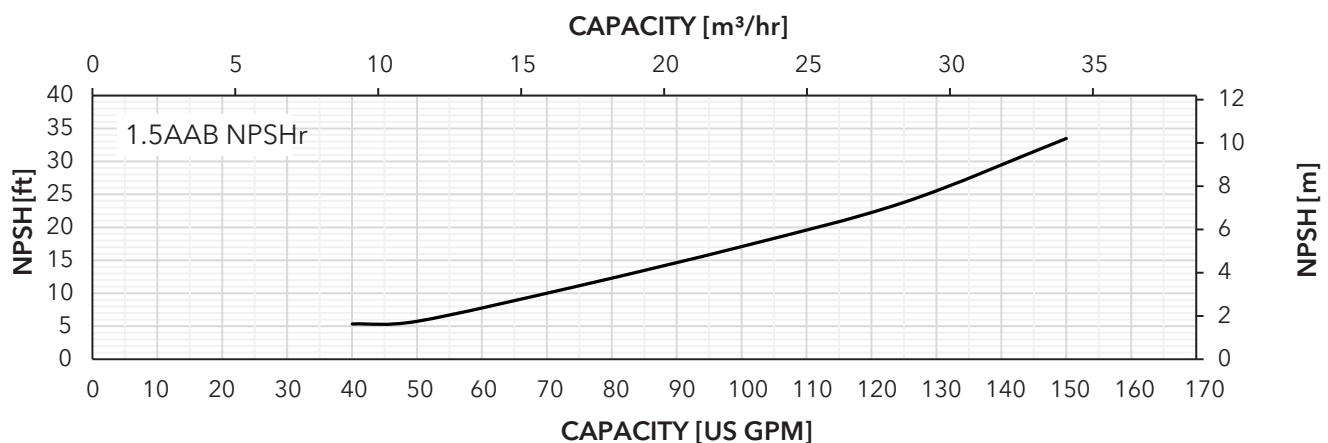
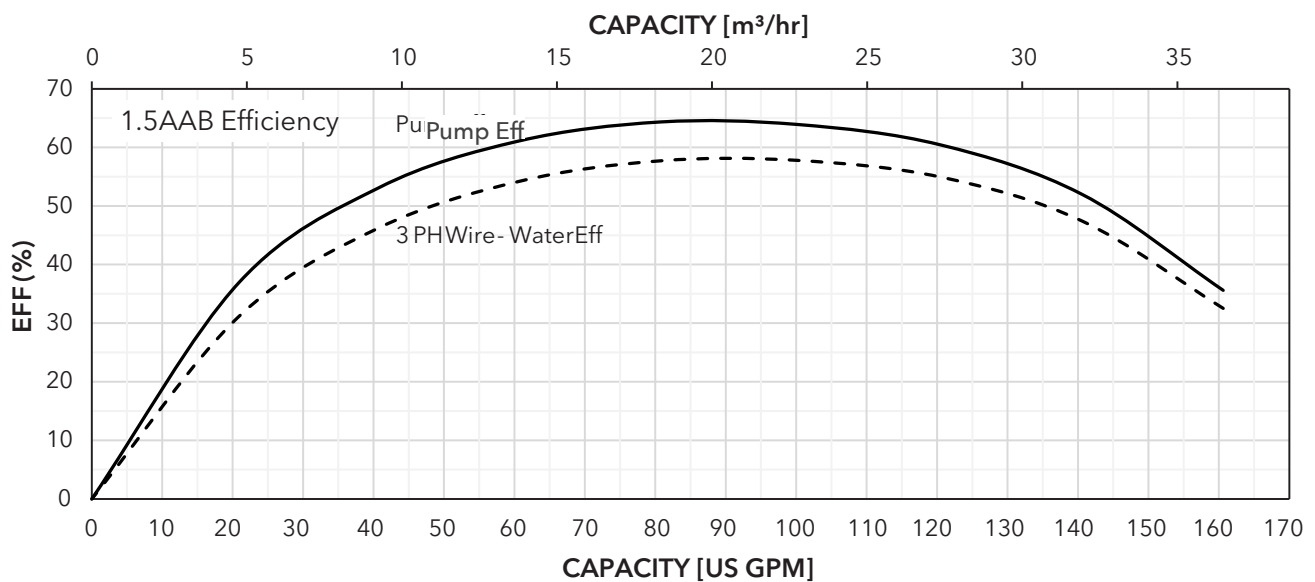
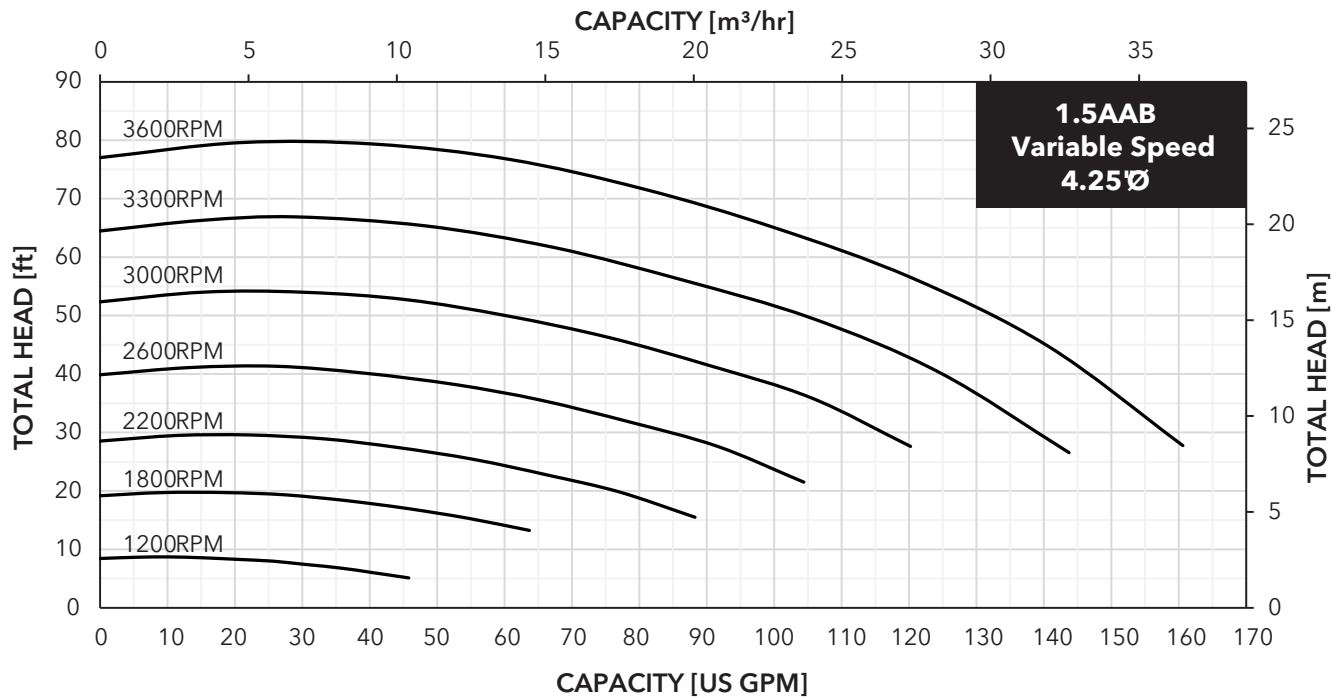


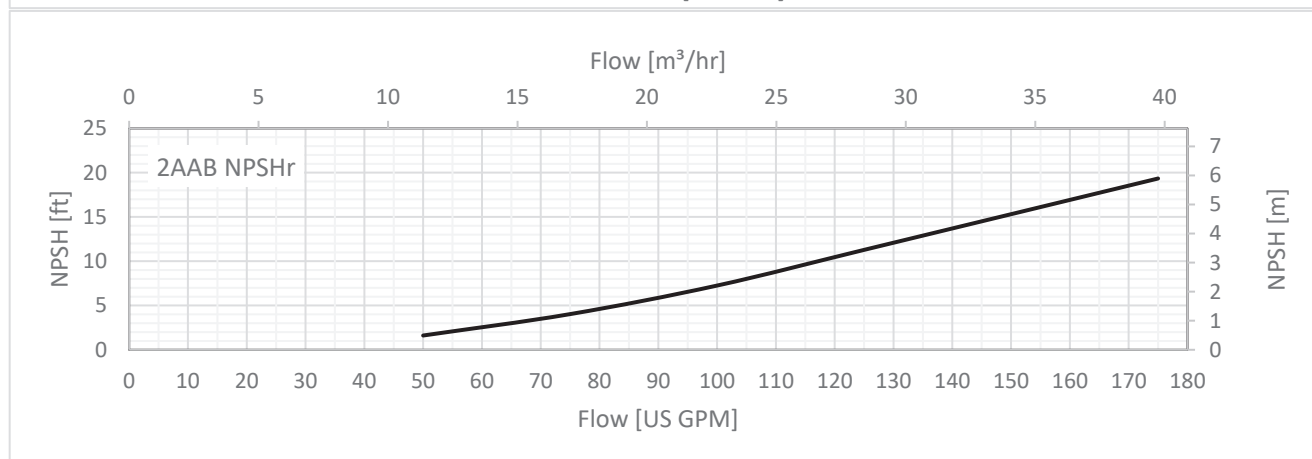
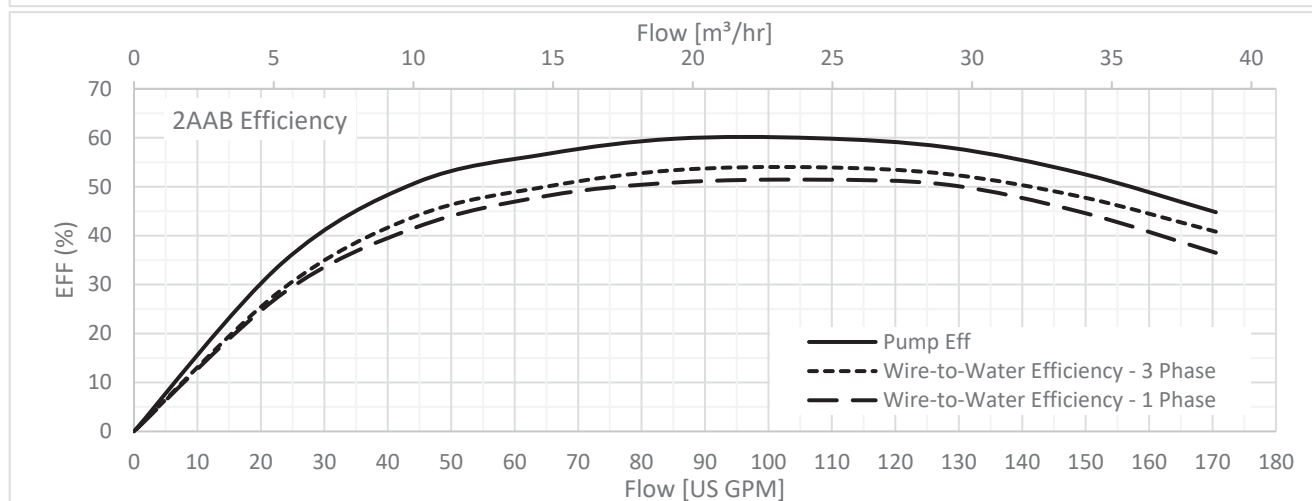
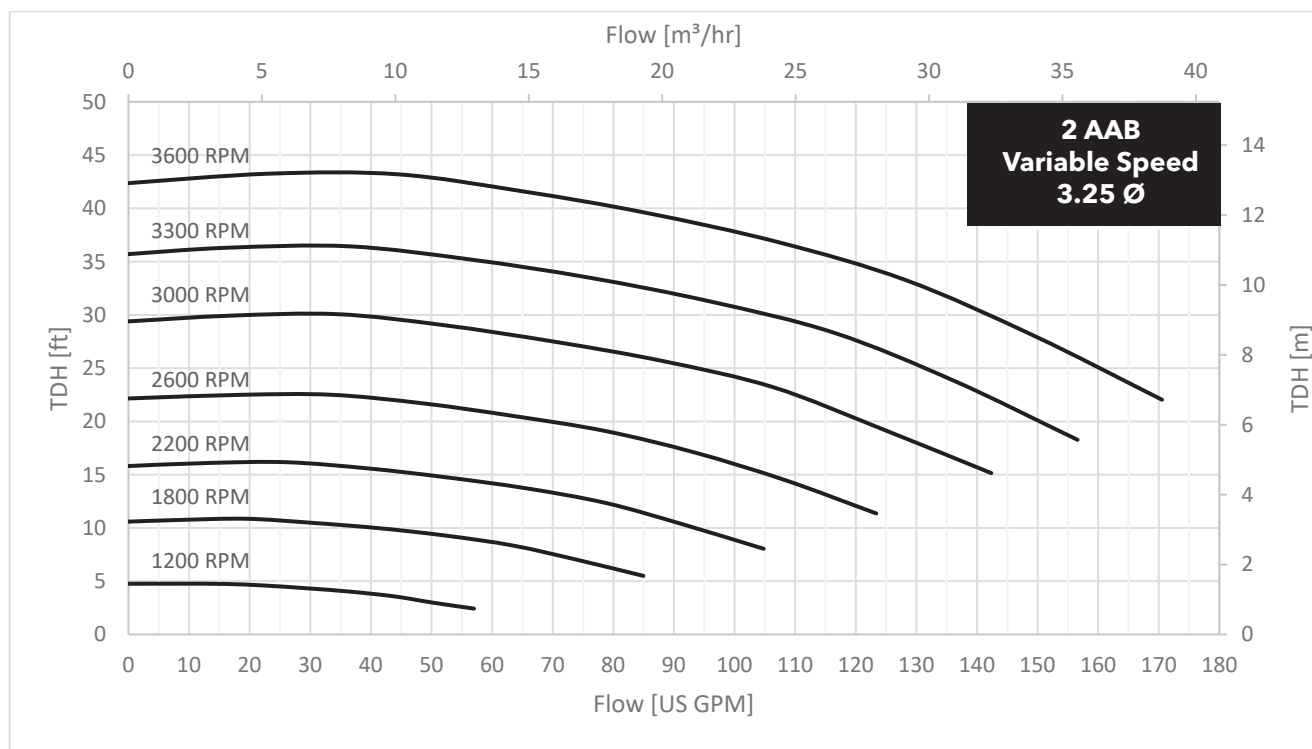
Series e-90E Smart Pump

VARIABLE SPEED

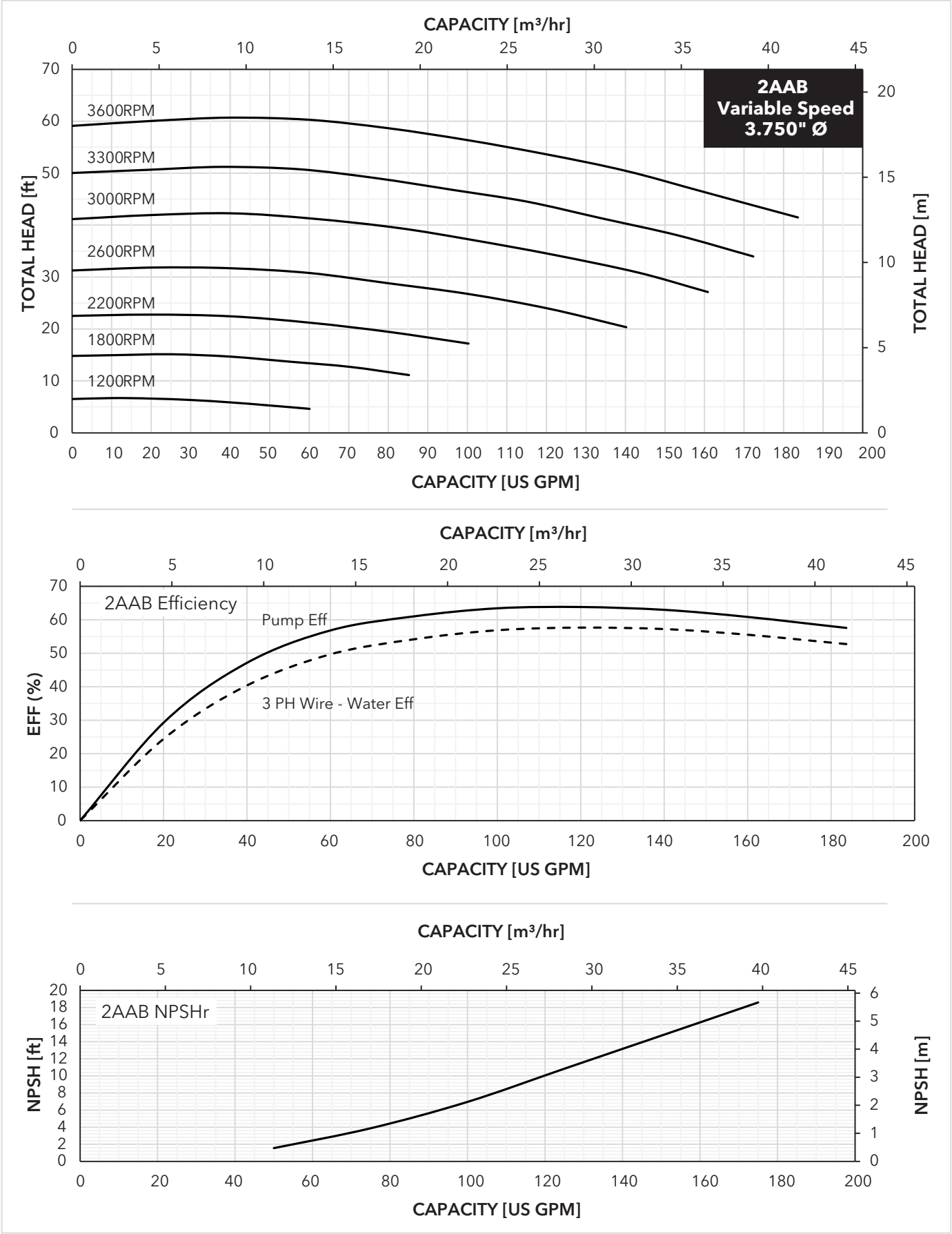
460V - 3PH

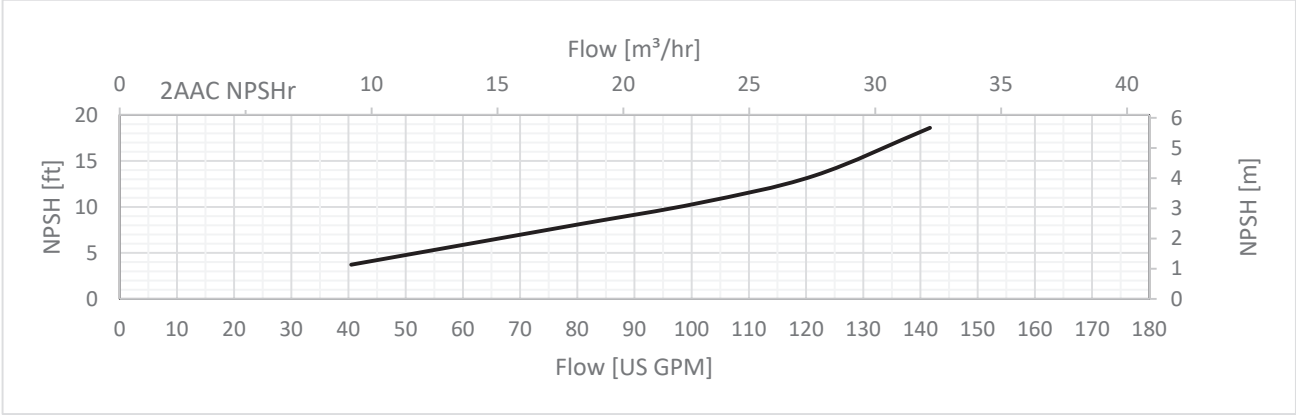
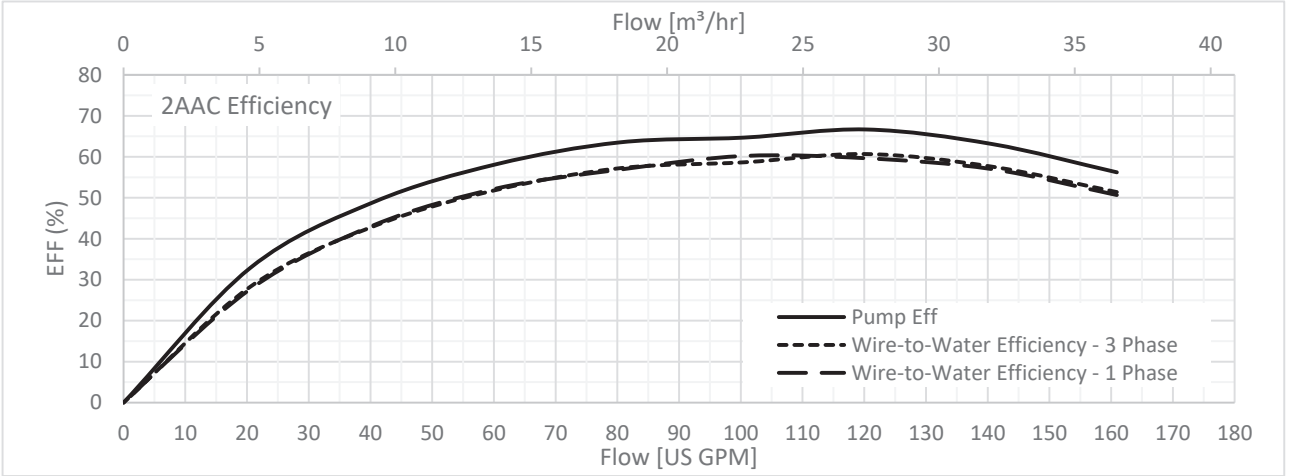
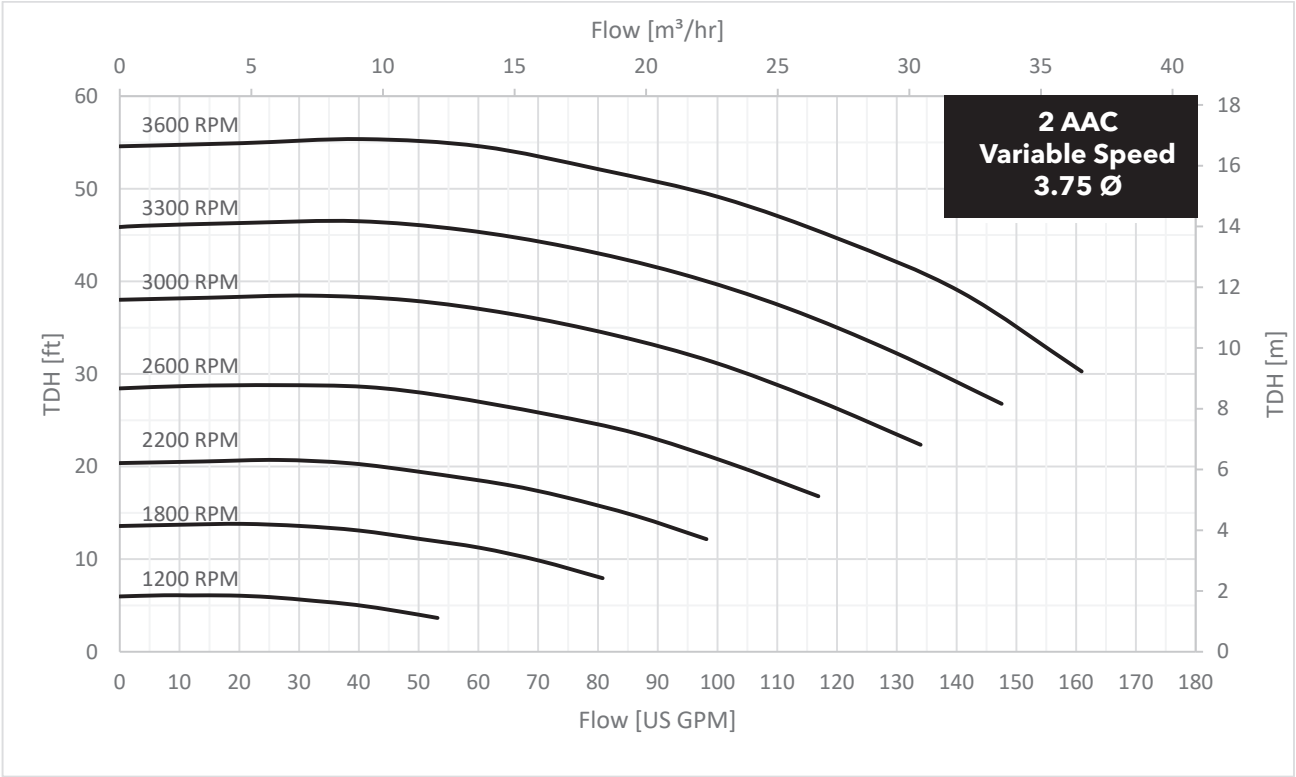
1.5AAB with smart motor



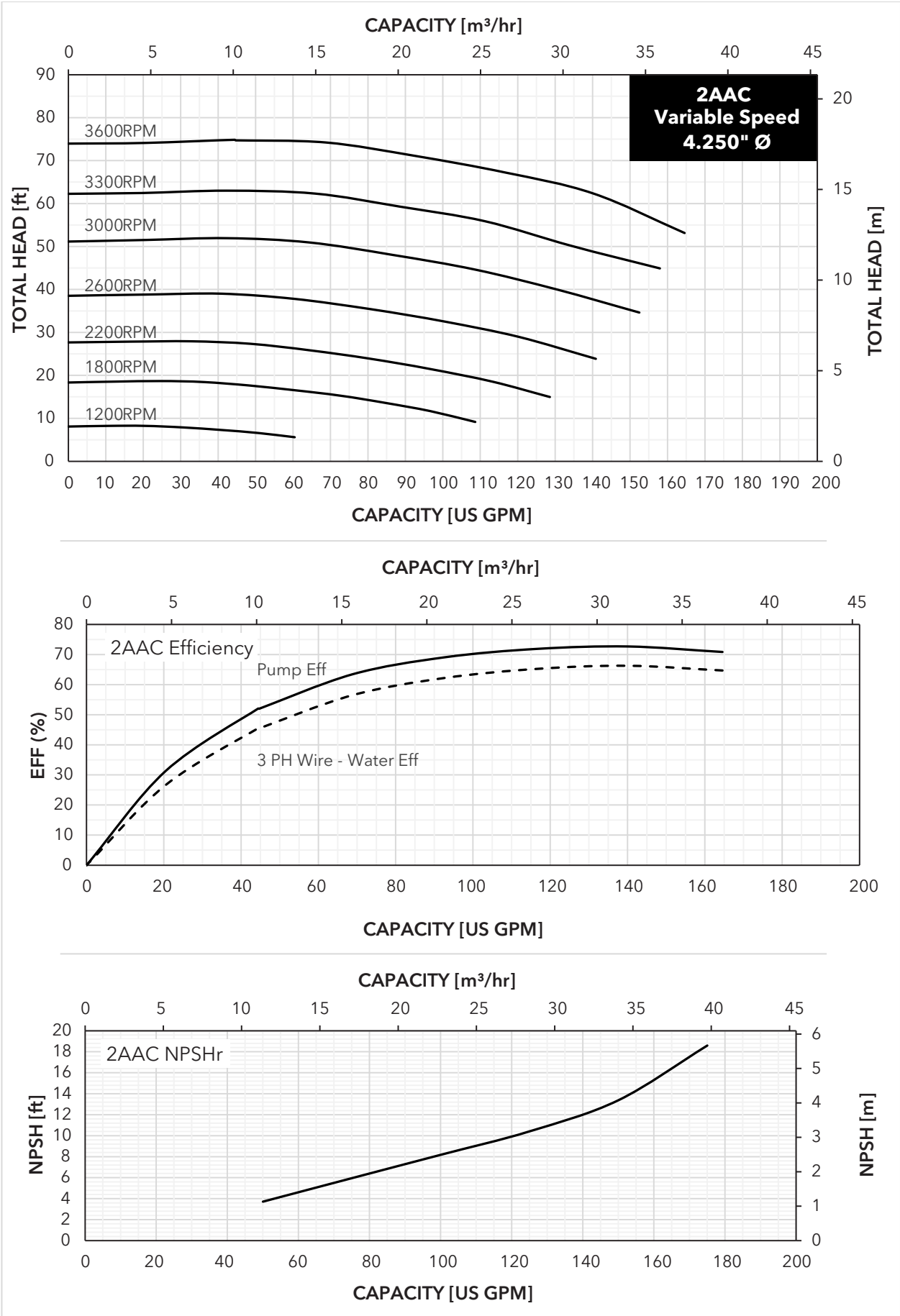


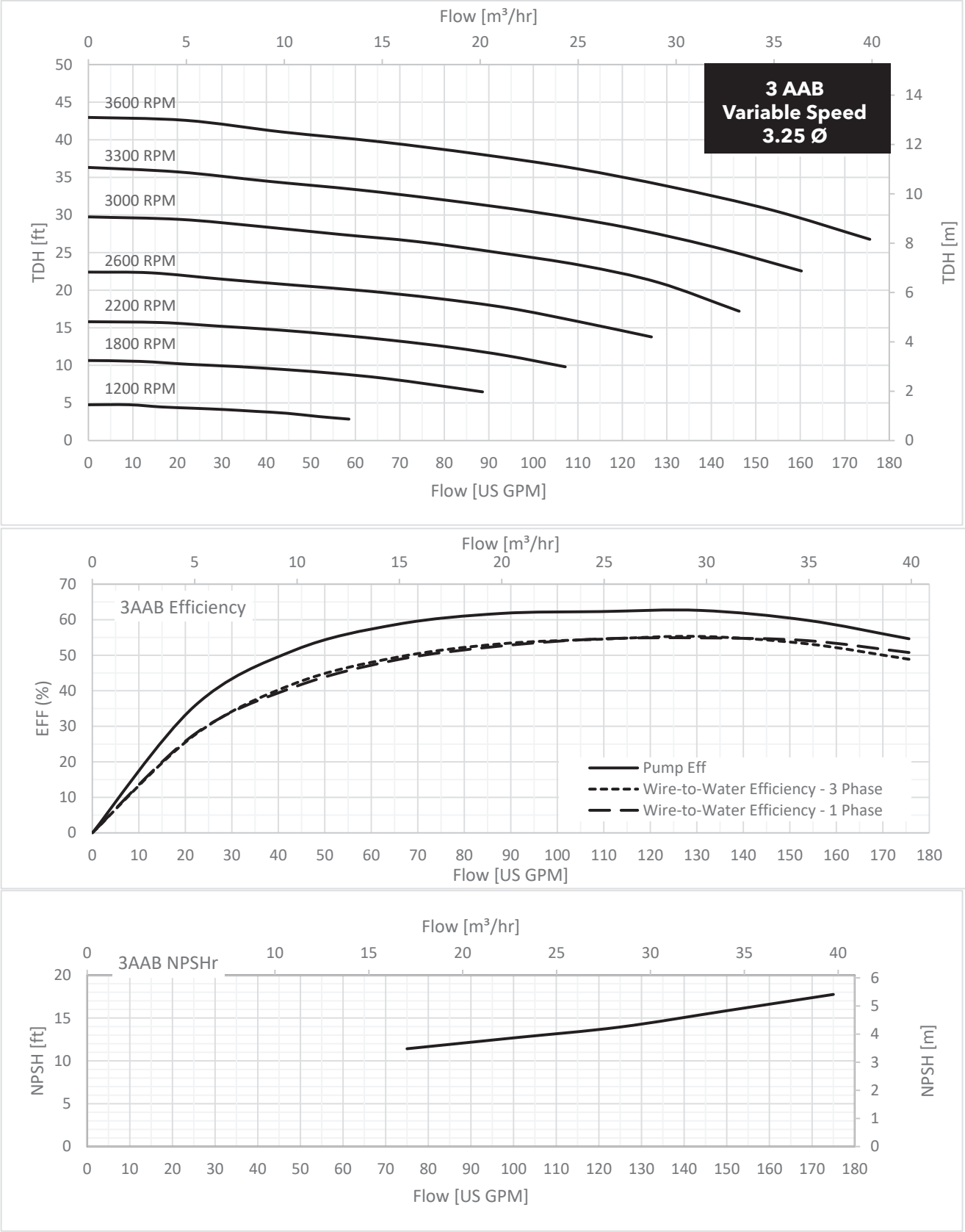
2AAB with smart motor



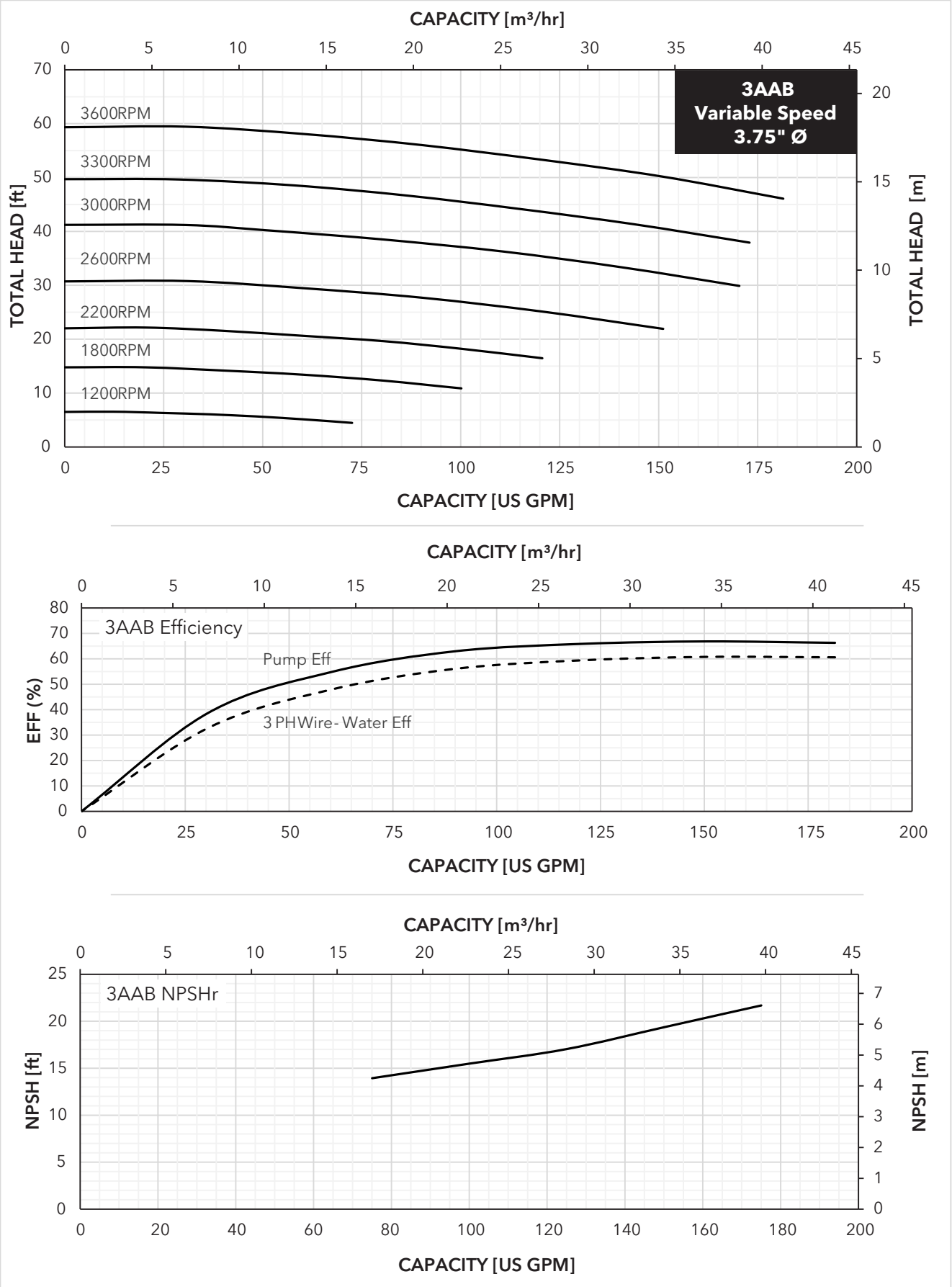


2AAC with smart motor





3AAB with smart motor



Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com

We value your feedback. Please take our 3 question survey at bellgossett.com/survey to let us know how we are doing.

Learn more about
Series e-90 Pumps



Xylem Inc.
8200 N. Austin Avenue
Morton Grove, Illinois 60053
Phone: (847) 966-3700
Fax: (847) 965-8379
www.xylem.com/bellgossett

Xylem and Bell & Gossett are registered trademarks of Xylem Inc. or one of its subsidiaries. All other trademarks or registered trademarks are property of their respective owners.
© 2023 Xylem Inc. B191C R5 August 2023