

**CURVES**  
B-192F

# Series e-80SC

SPLIT COUPLED VERTICAL IN-LINE CENTRIFUGAL PUMP  
PERFORMANCE CURVES - 60 HZ



**Bell & Gossett**

a xylem brand

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### Centrifugal Pump Energy Efficiency Information

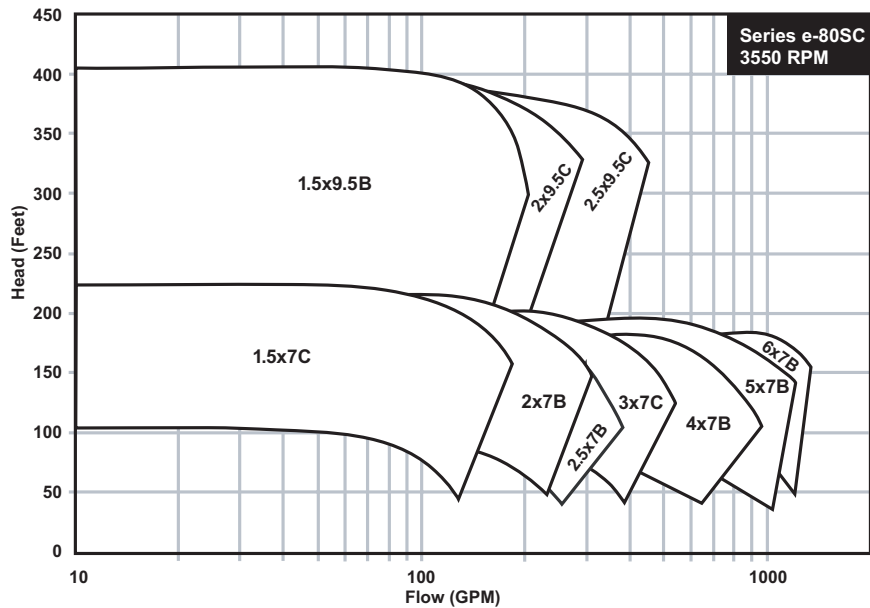
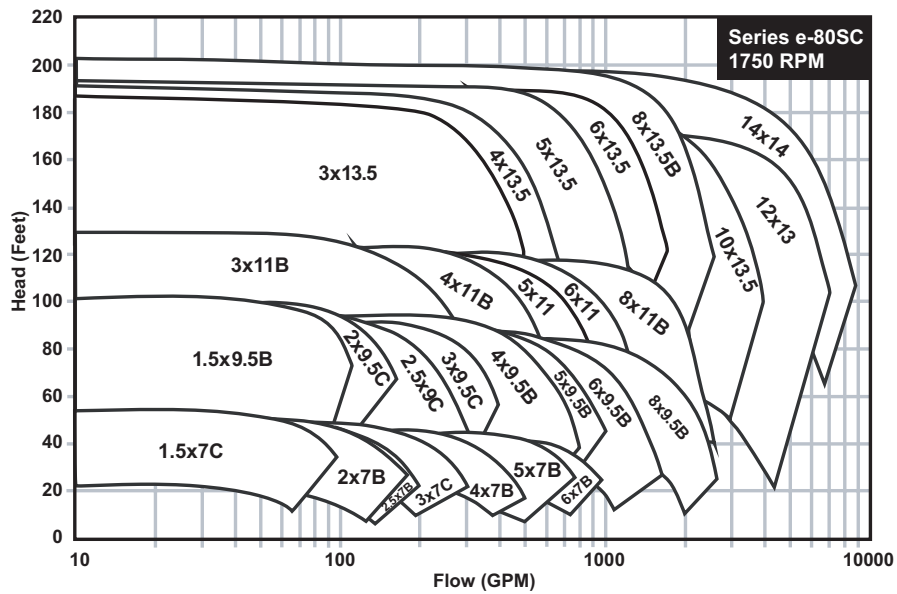
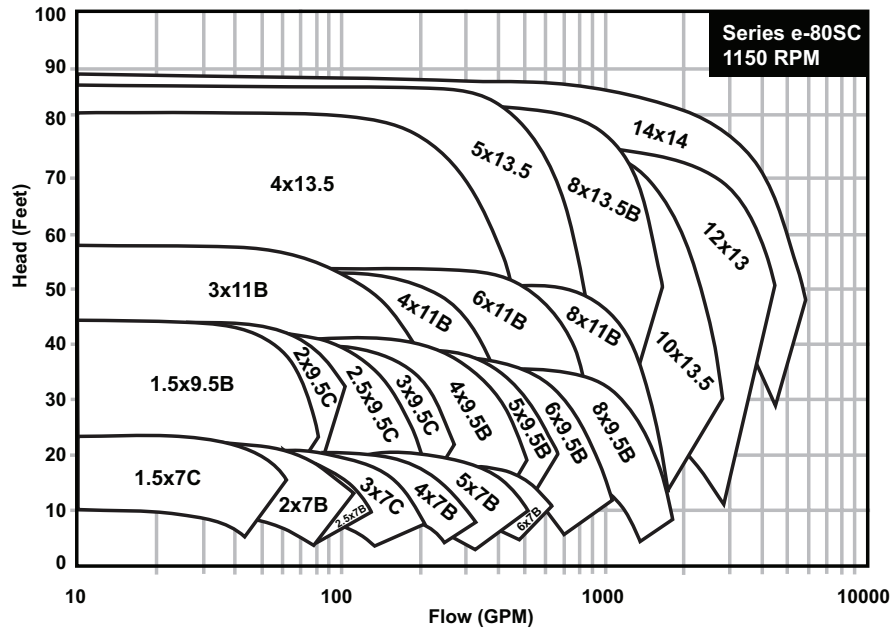
The U.S. Department of Energy introduced Pump Energy Conservation Standards in January of 2016. These standards apply to five styles of clean water pumps in 1800 and 3600 nominal motor speeds. Pump manufacturers must sell only compliant products after January 27, 2020. Compliant products have Pump Energy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

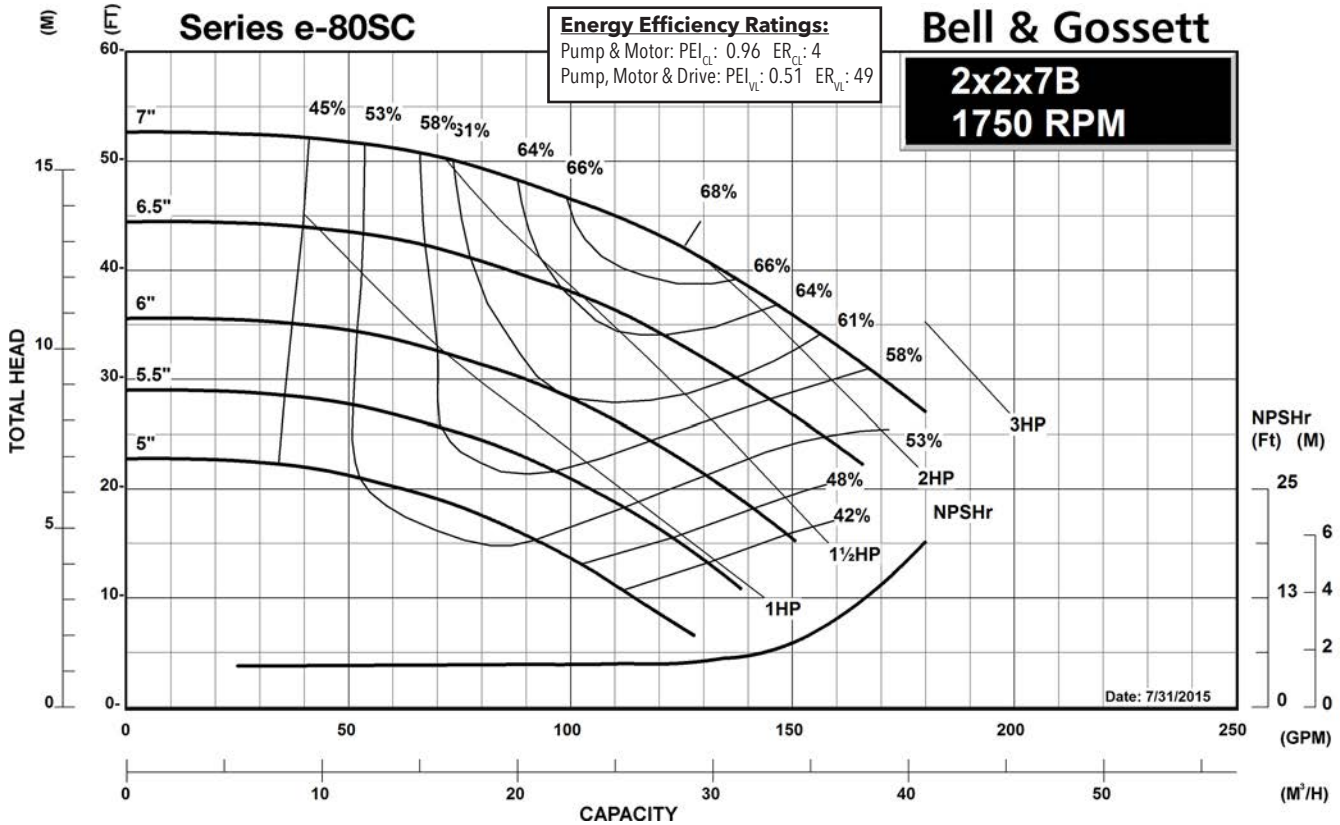
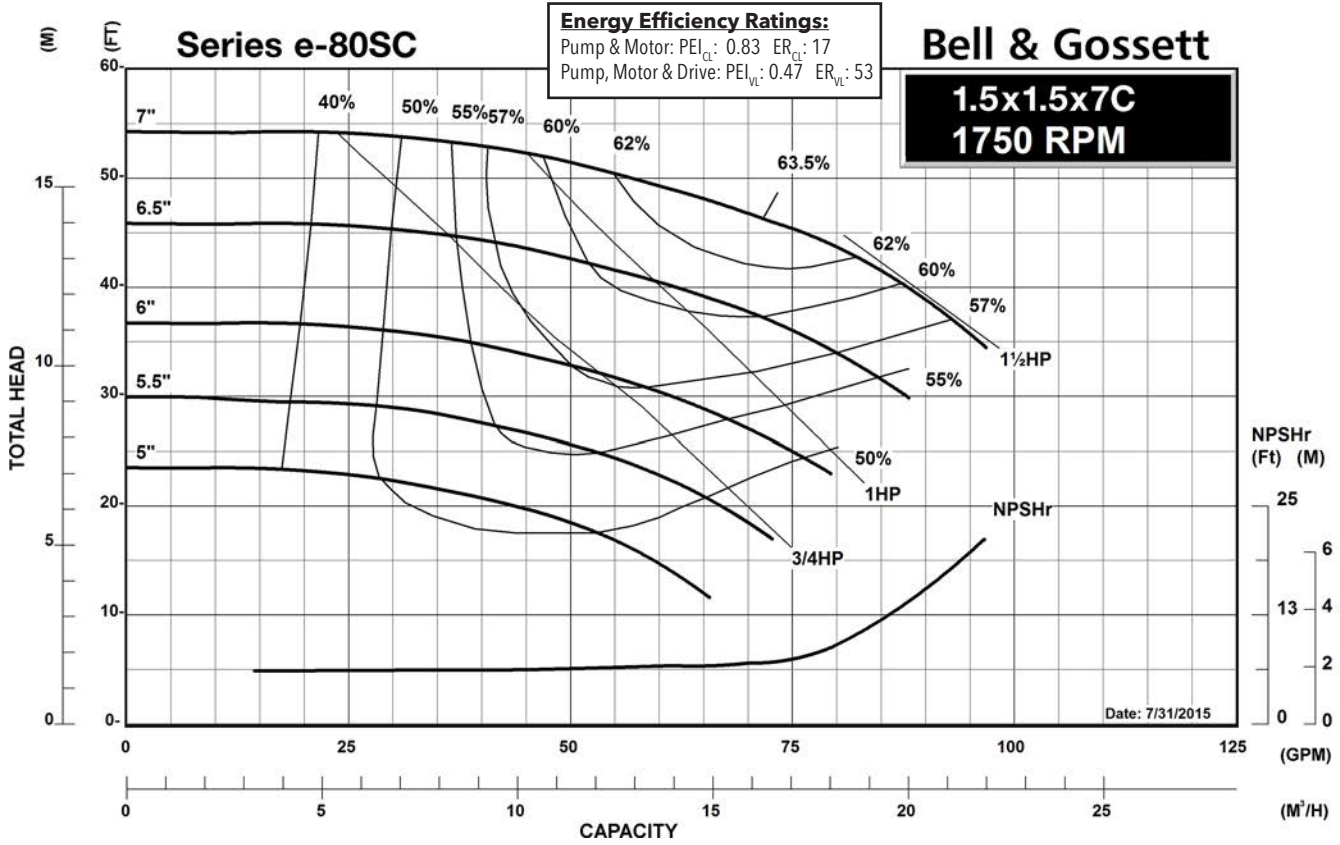
In support of the U.S. DOE Pump Energy Conservation Standards, the North American Pump Manufacturers Association, The Hydraulic Institute, introduced its own Energy Rating (ER) Metric for clean water pumps which also requires certification of pump manufacturer's test laboratories. Compliant products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

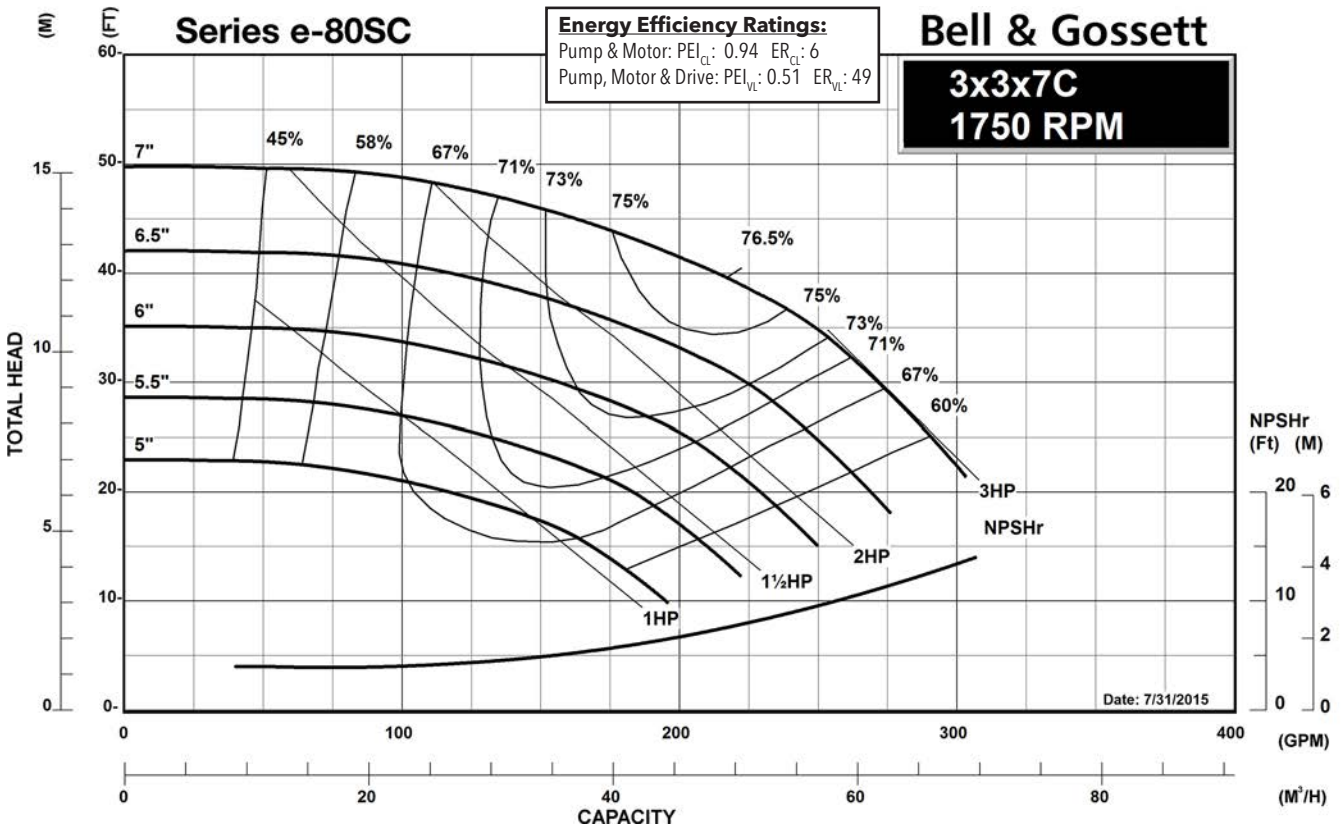
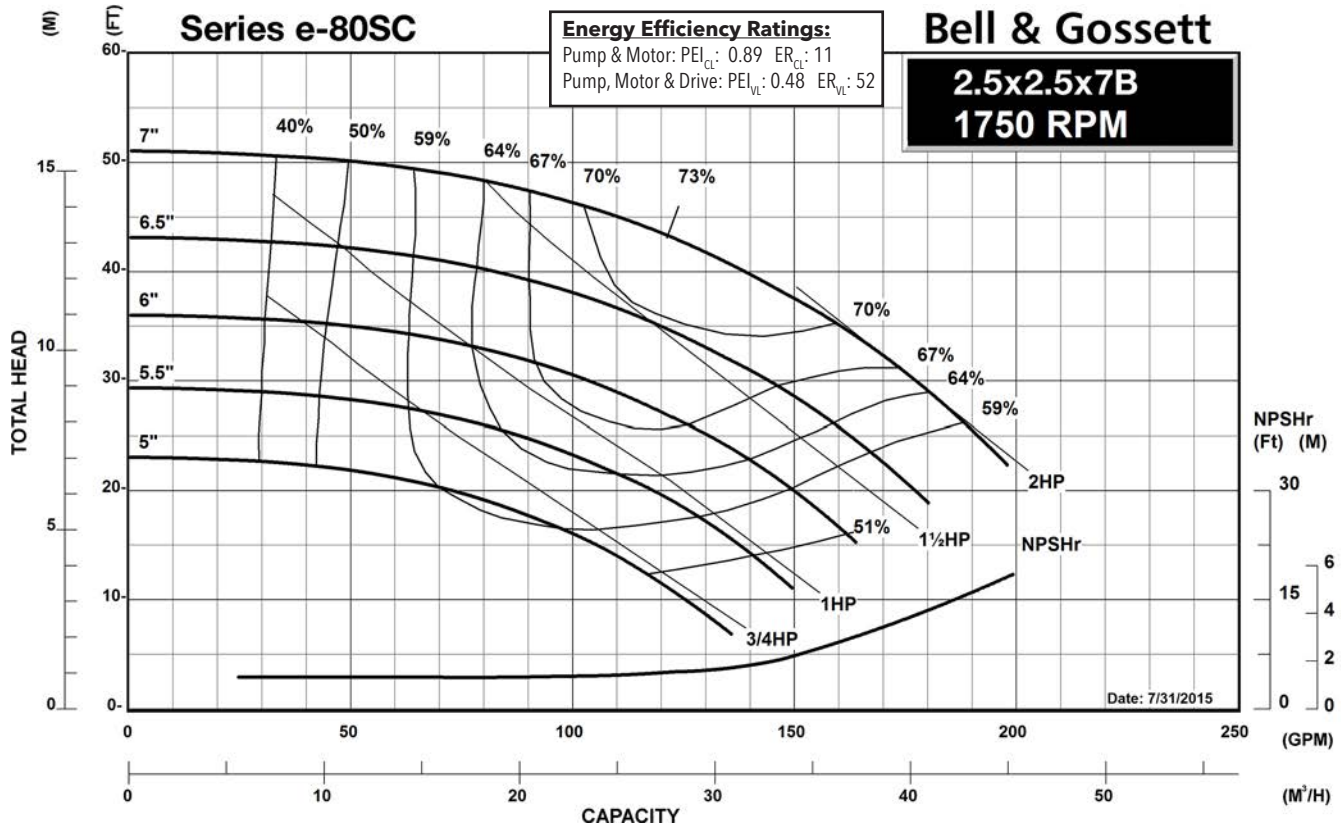
All Bell & Gossett Centrifugal Pump products already comply with U.S. Department of Energy Pump Energy Conservation Standards and Hydraulic Institute Standards for Energy Ratings. Specific PEI and ER data is shown on each pump performance curve where applicable and on the pump nameplate.

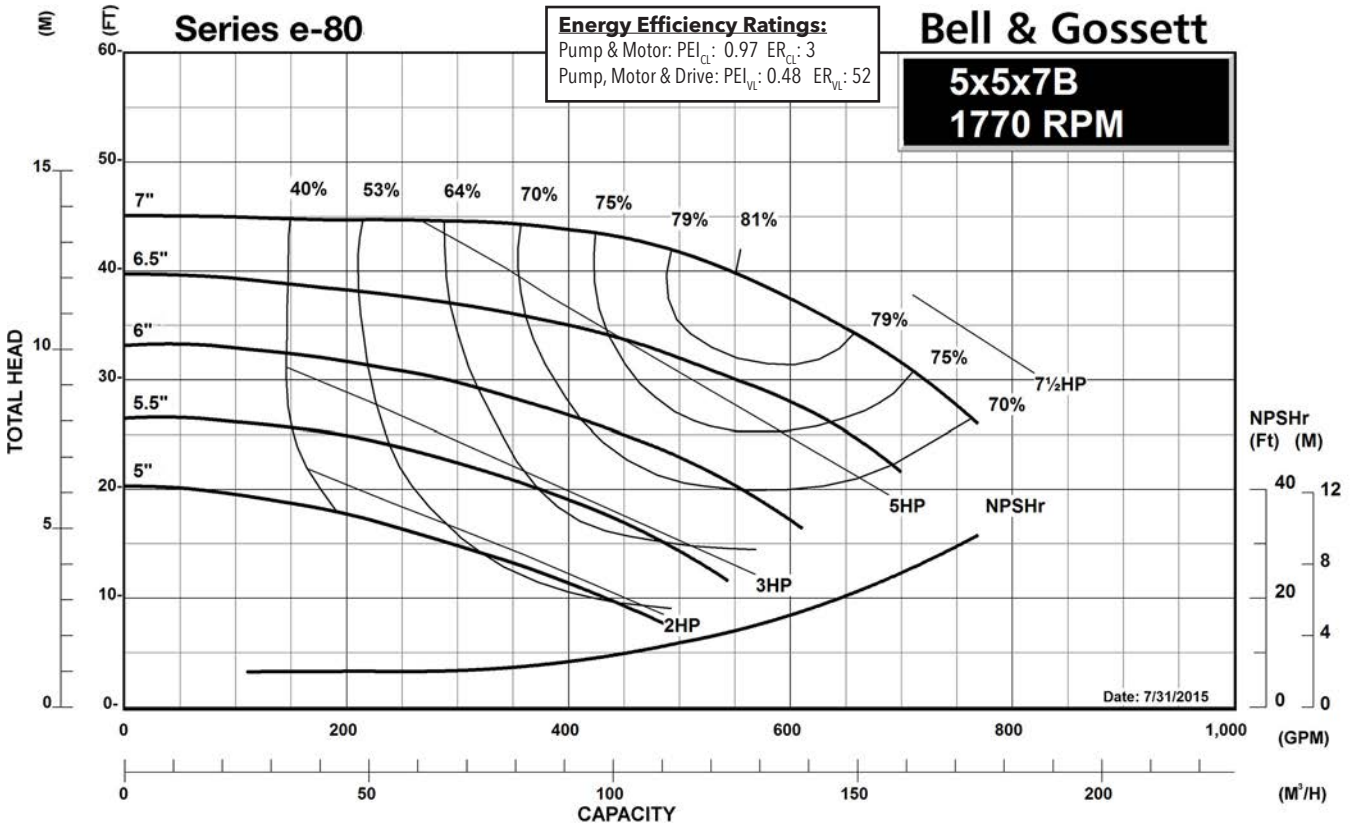
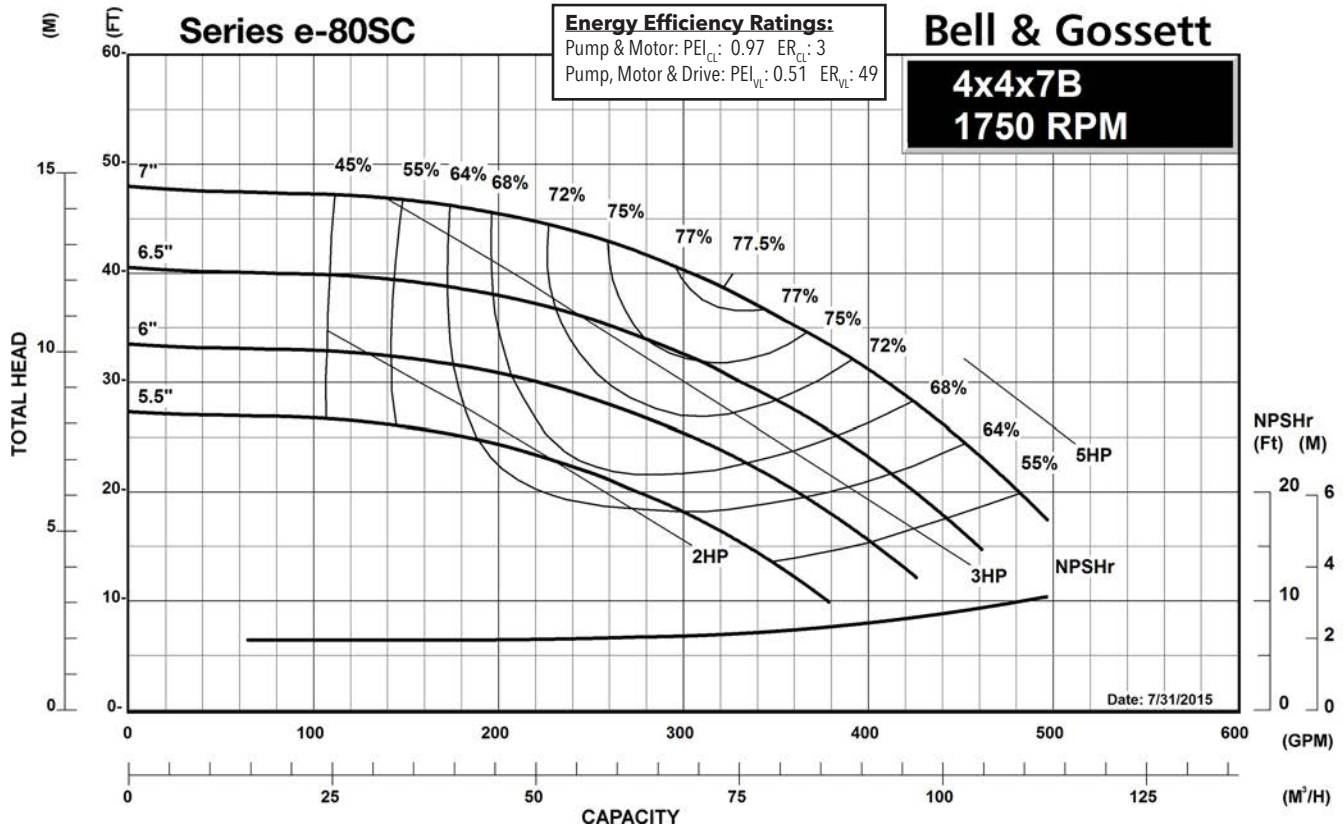
For more information, visit <http://bellgossett.com/e-series-pumps/#> or <http://er.pumps.org/ratings/home>

# Series e-80SC Selection Charts

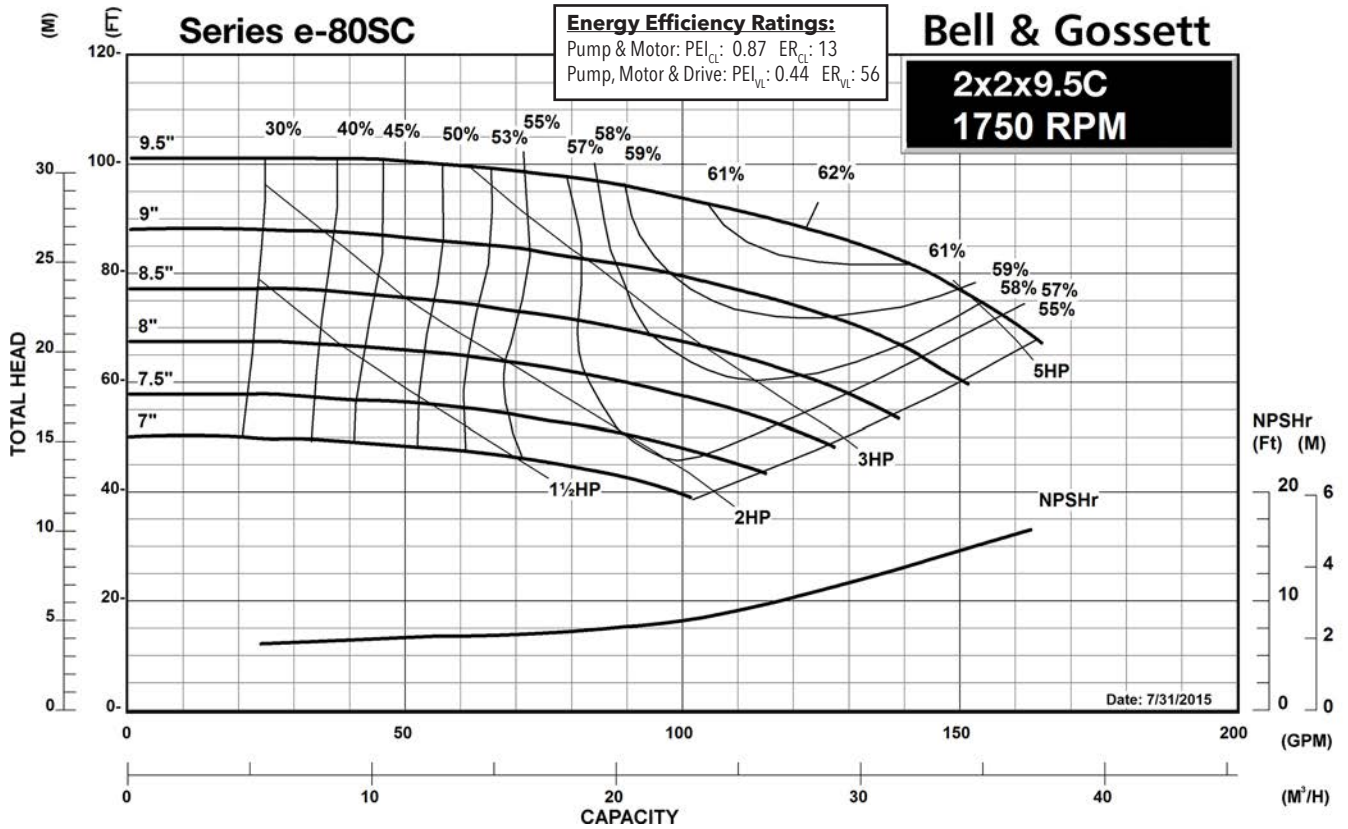
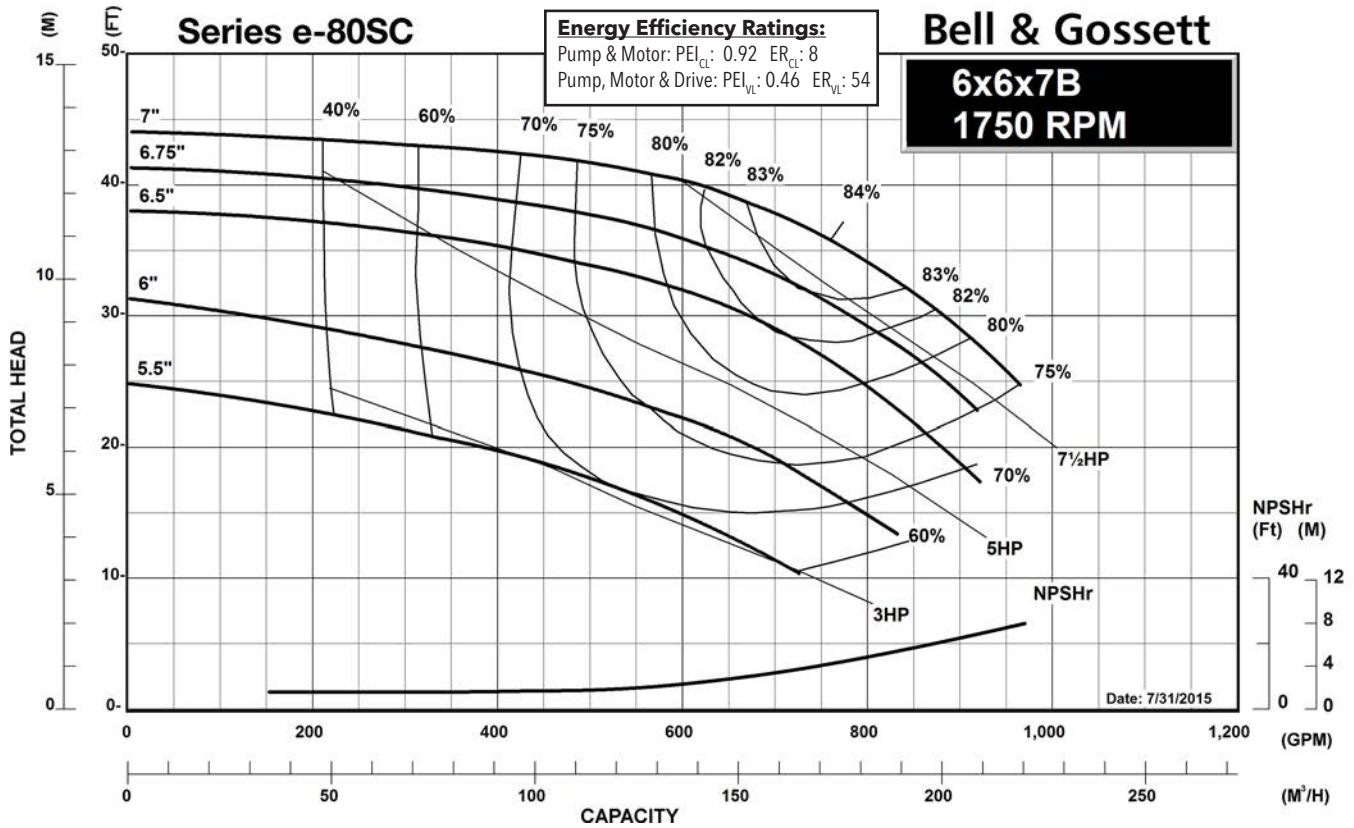


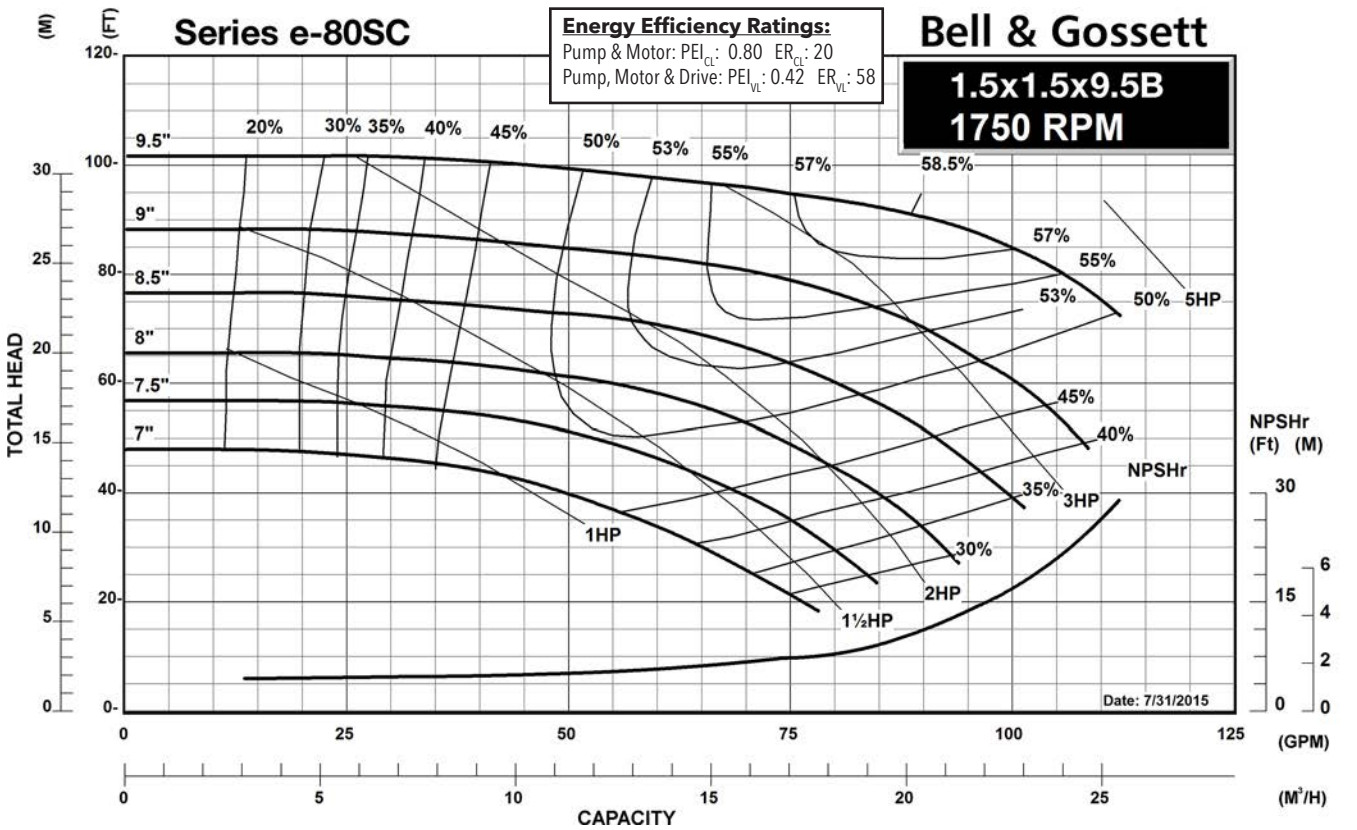
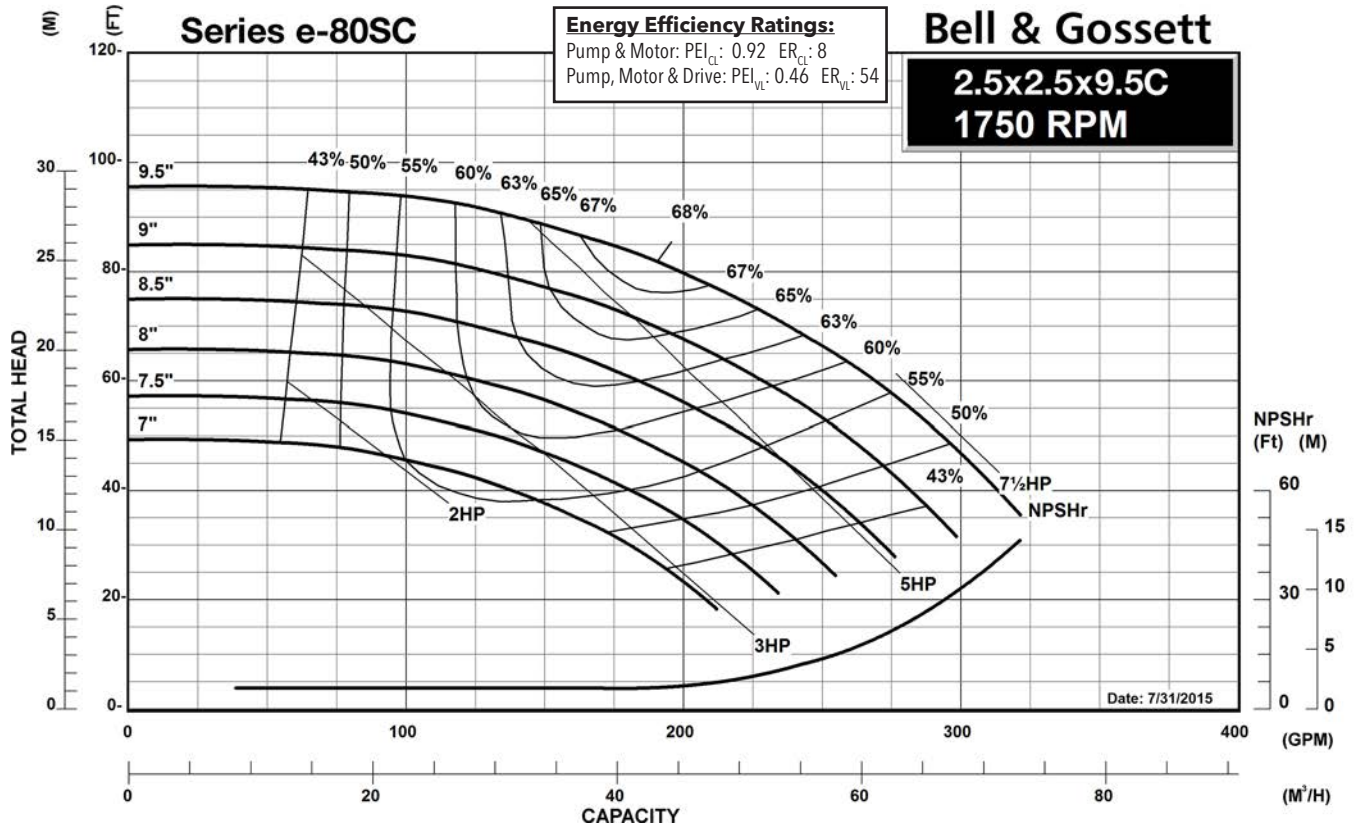


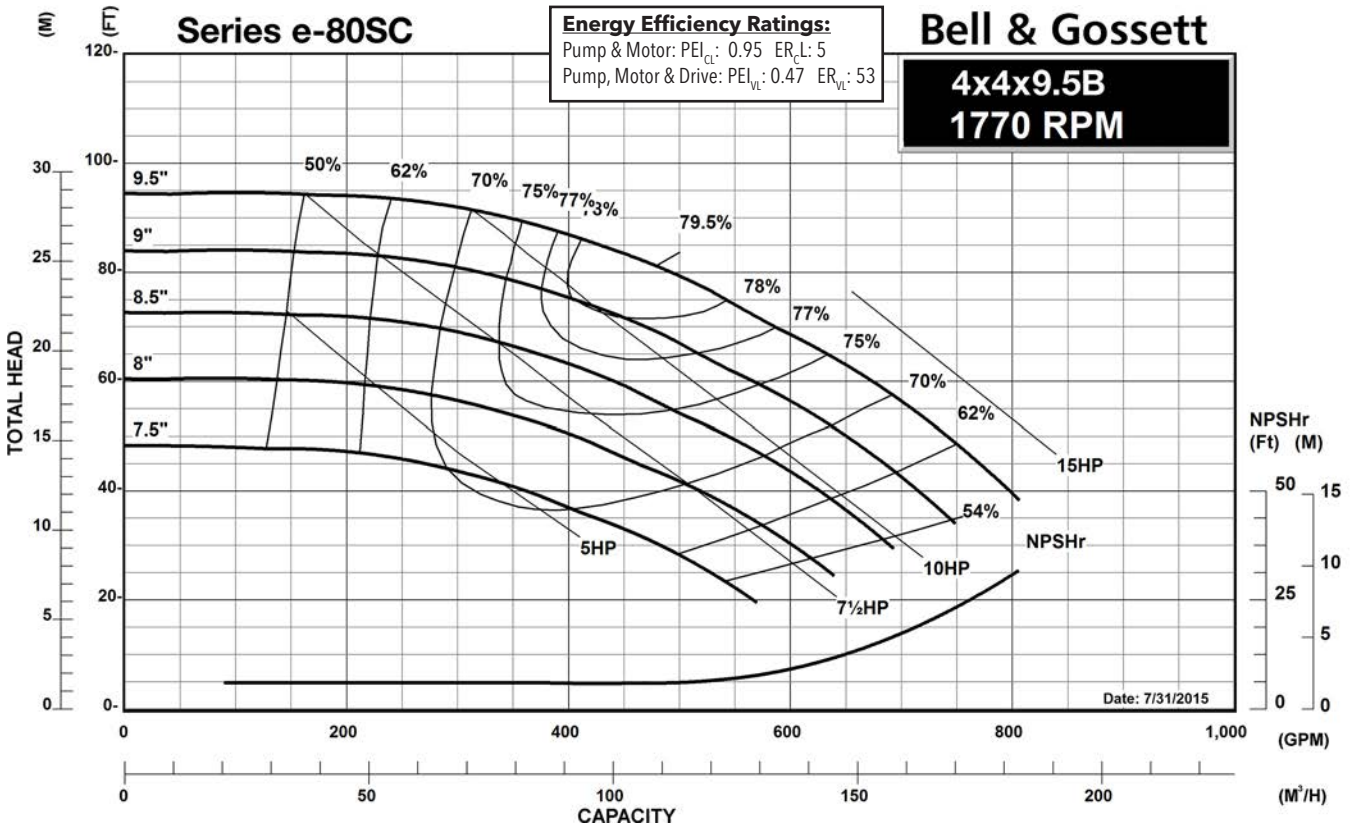
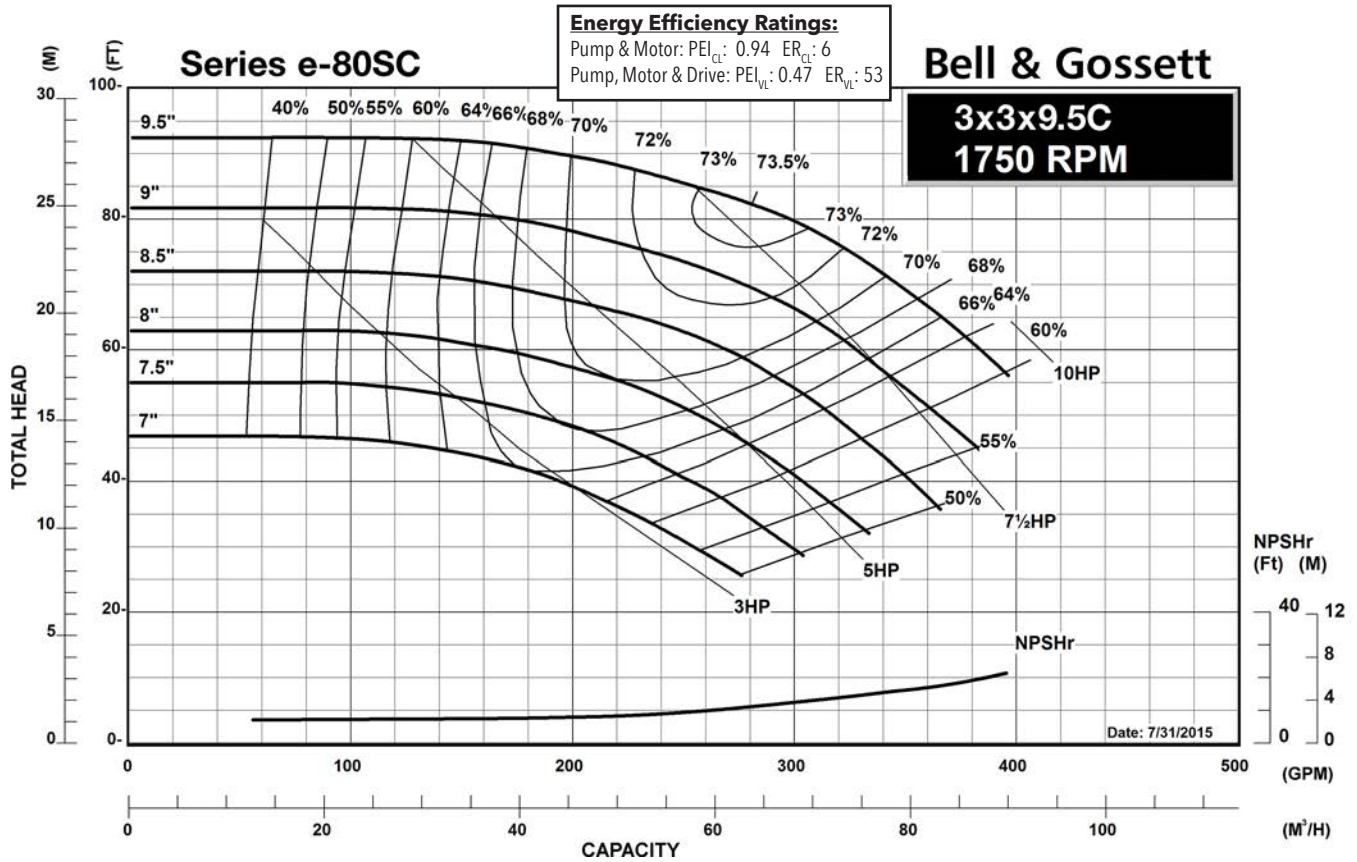


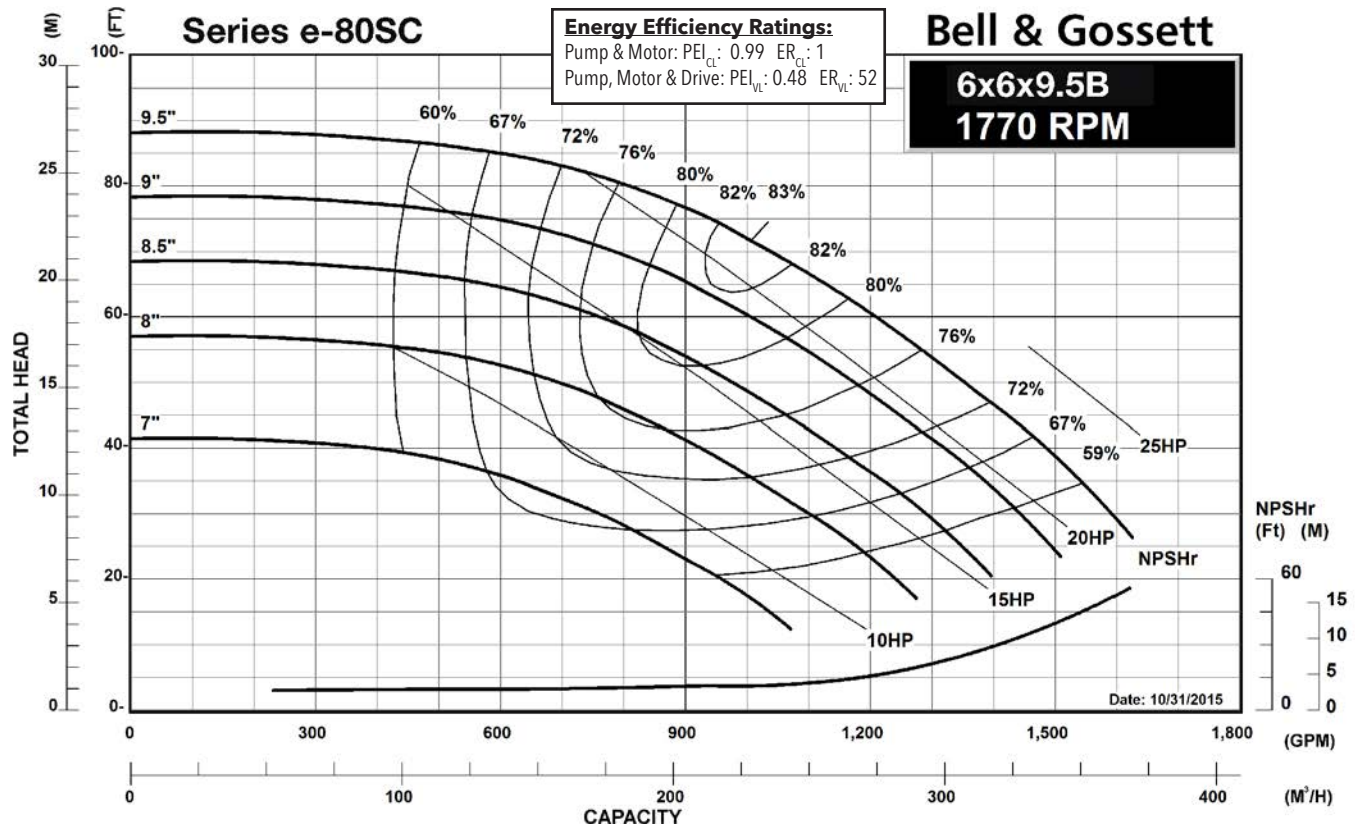
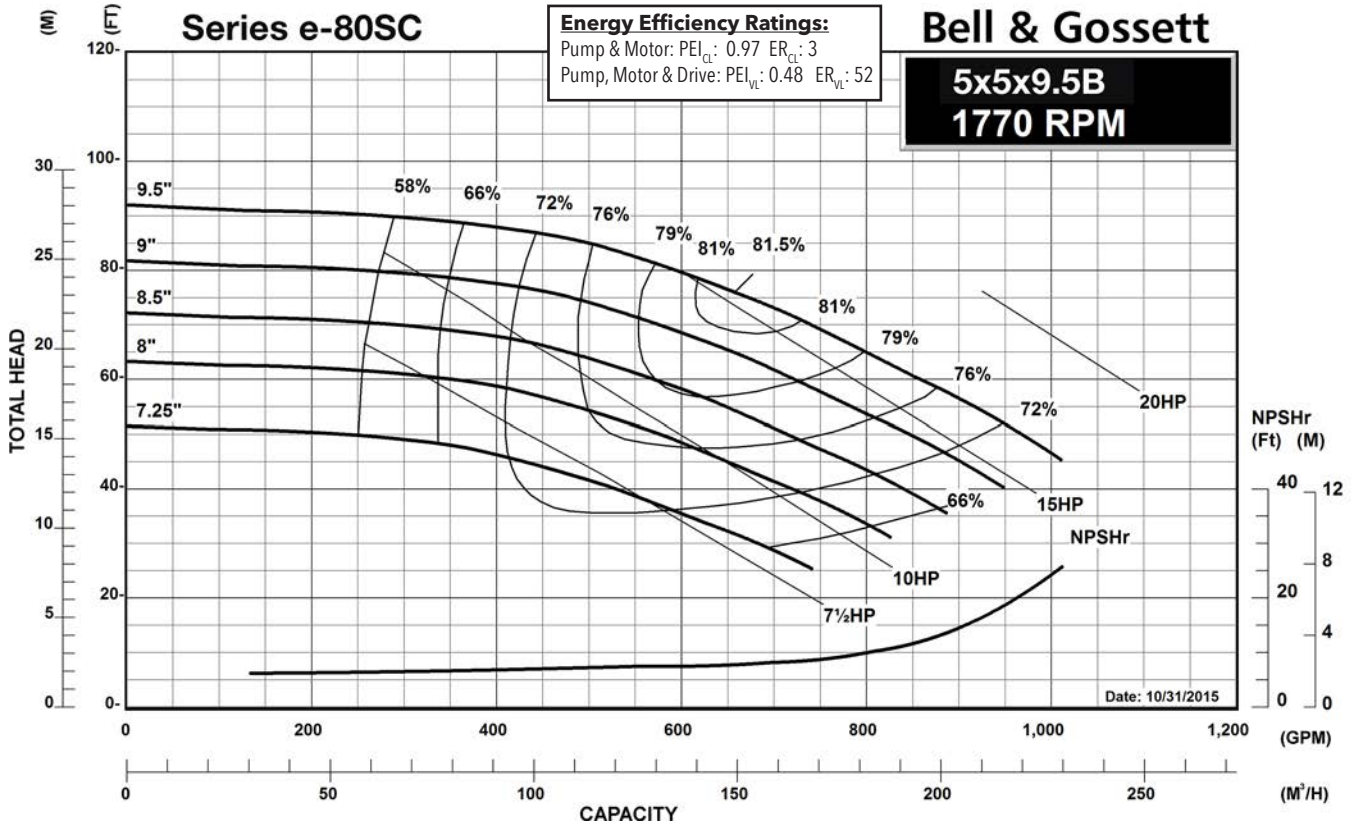


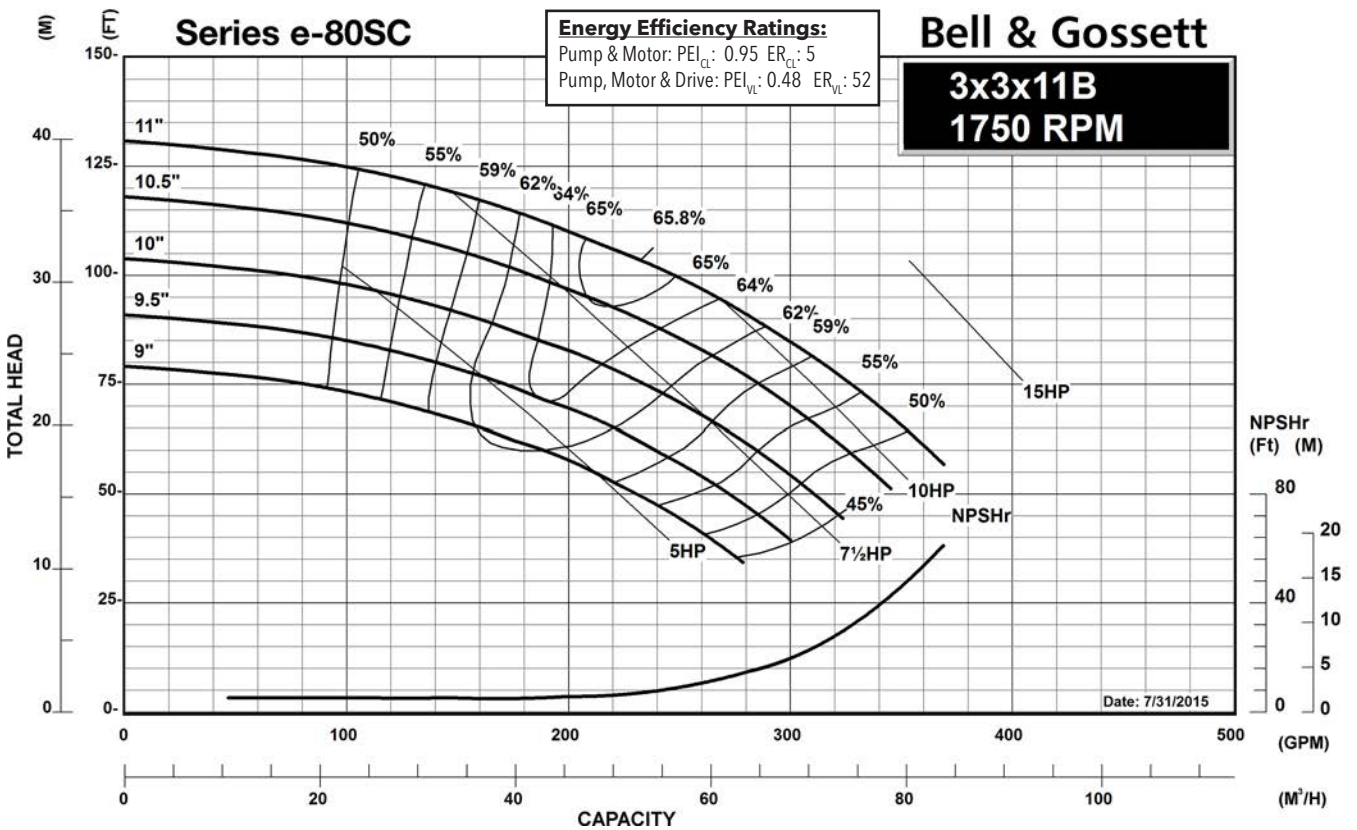
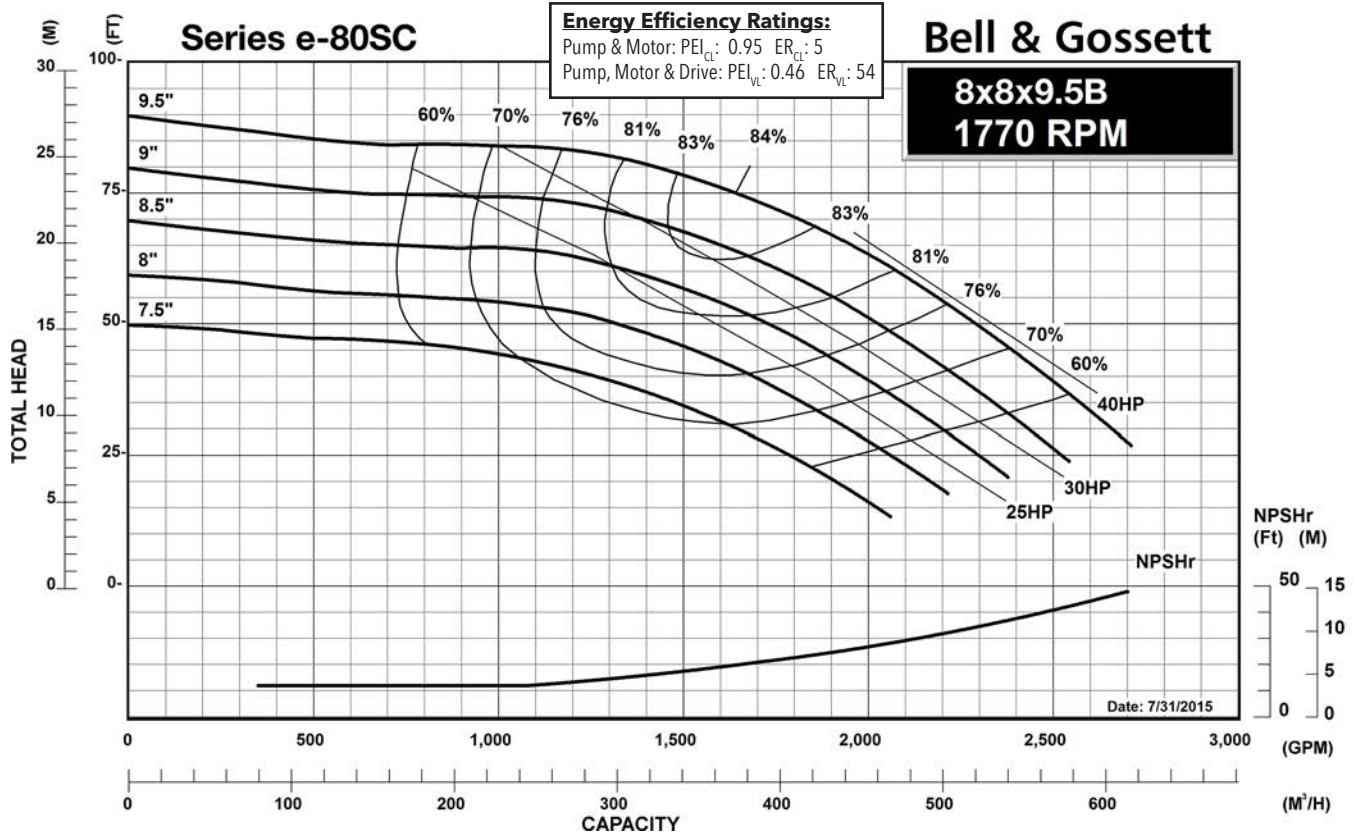
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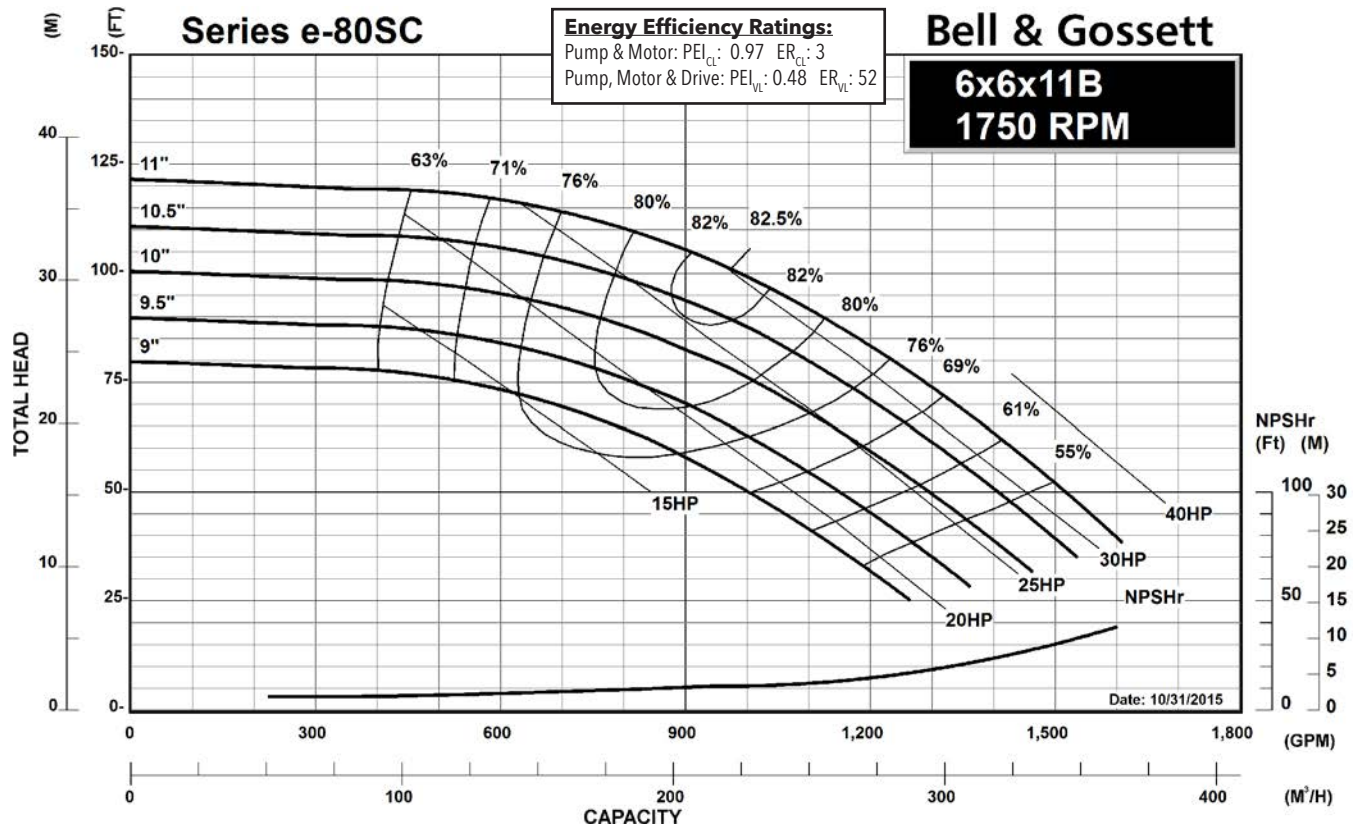
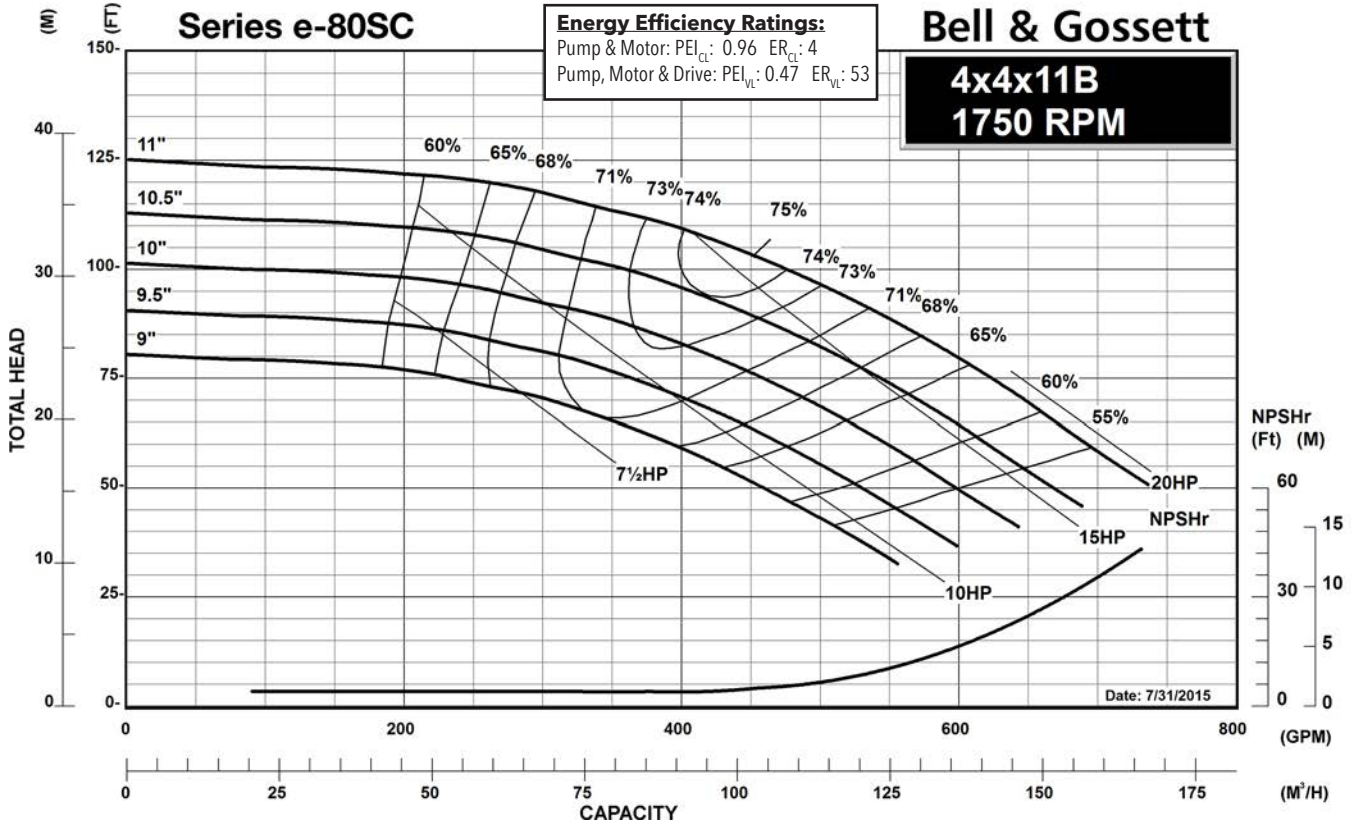


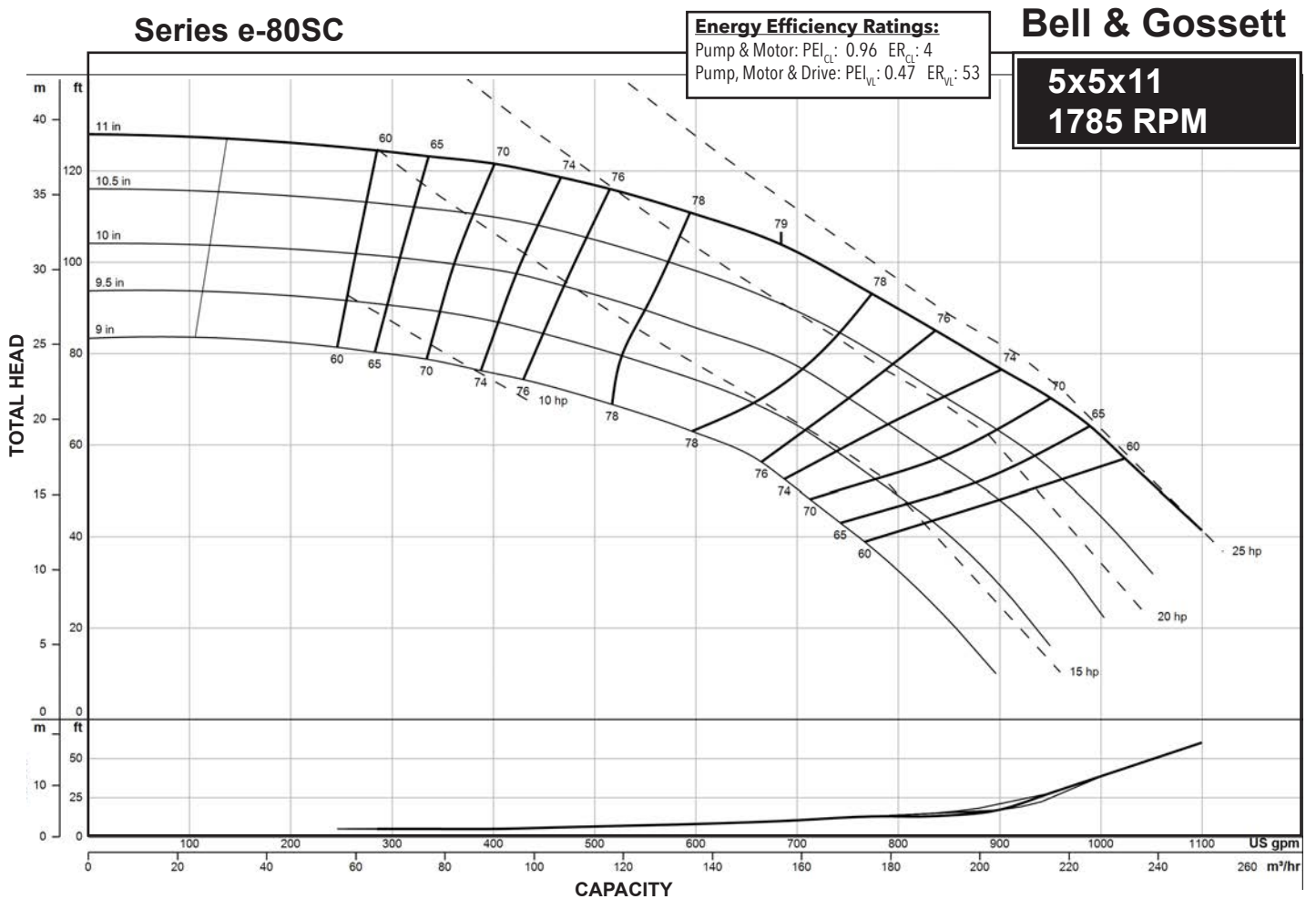
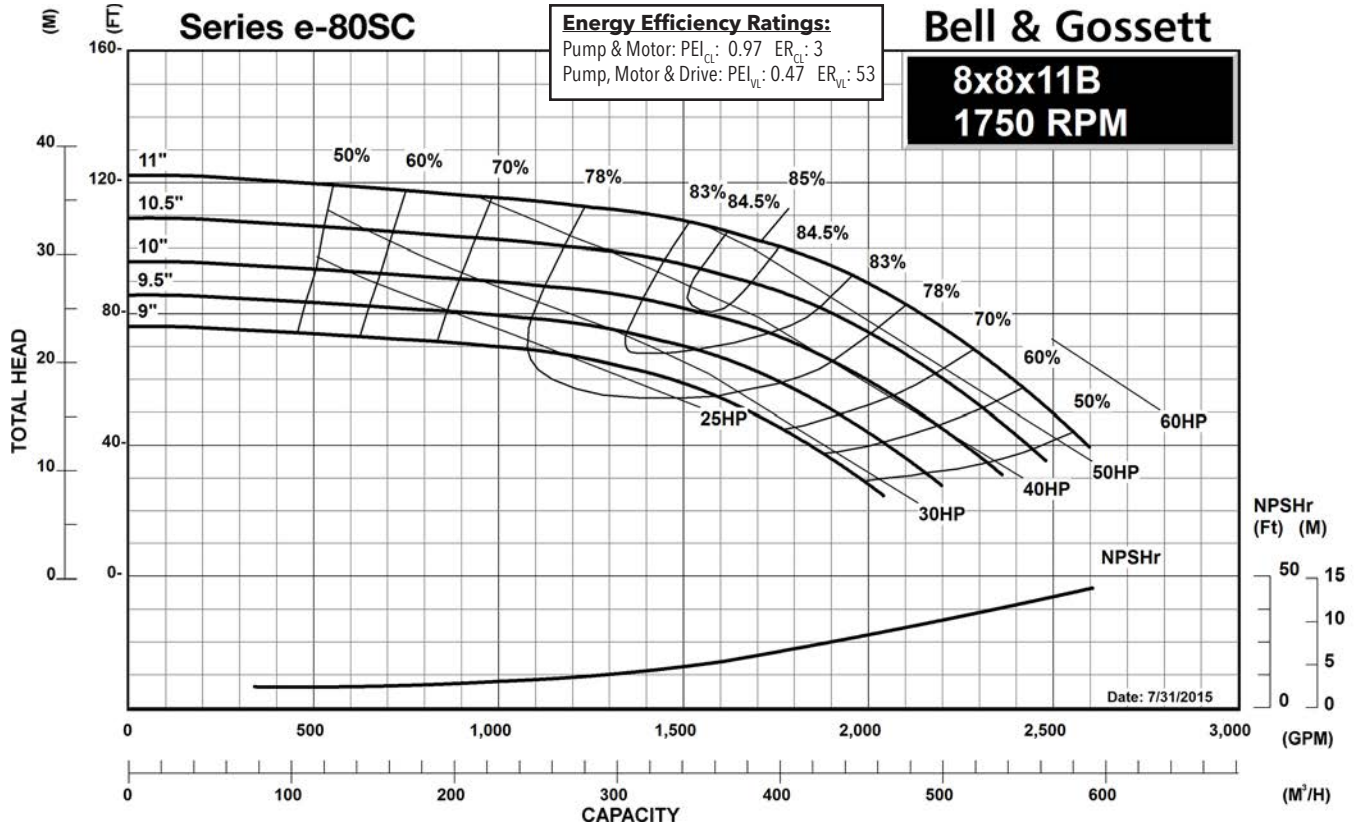


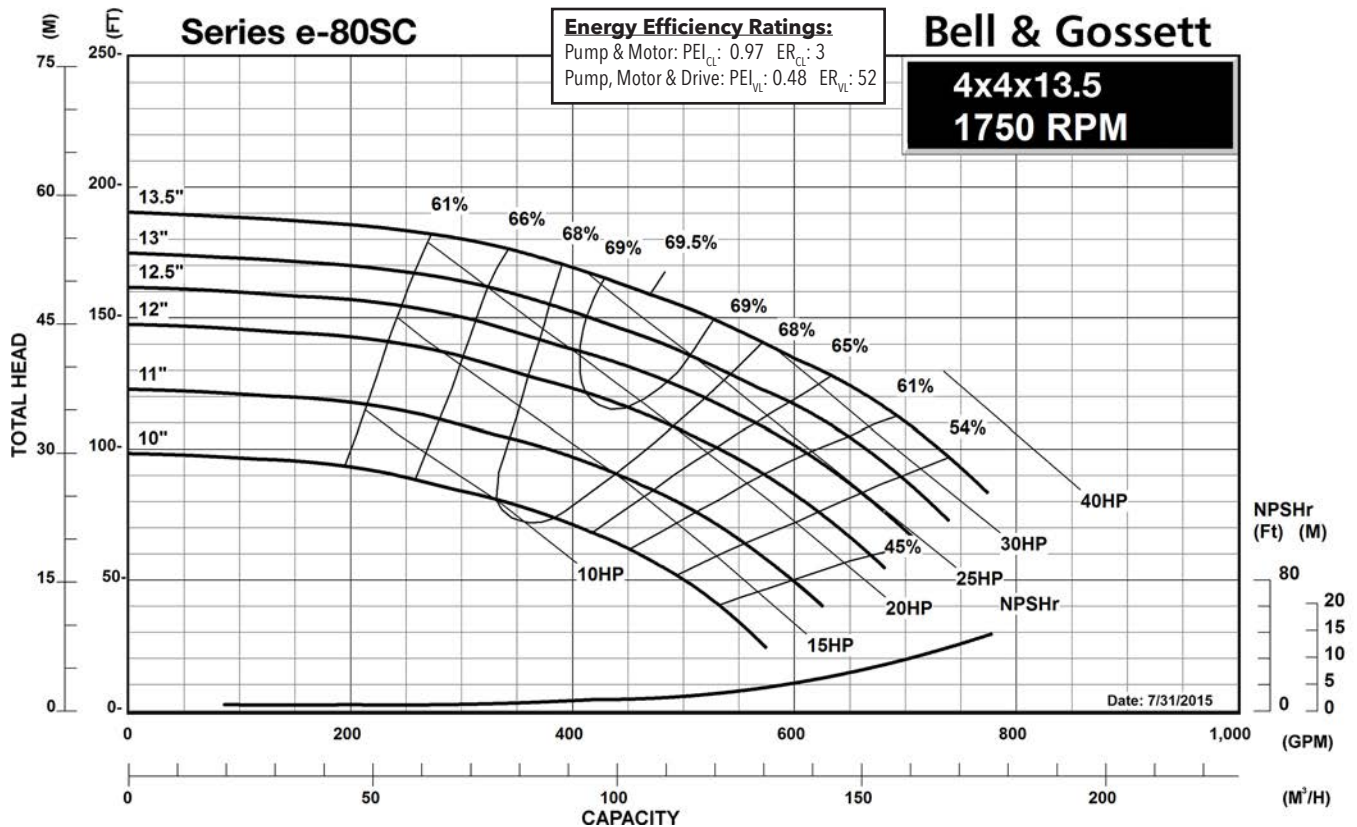
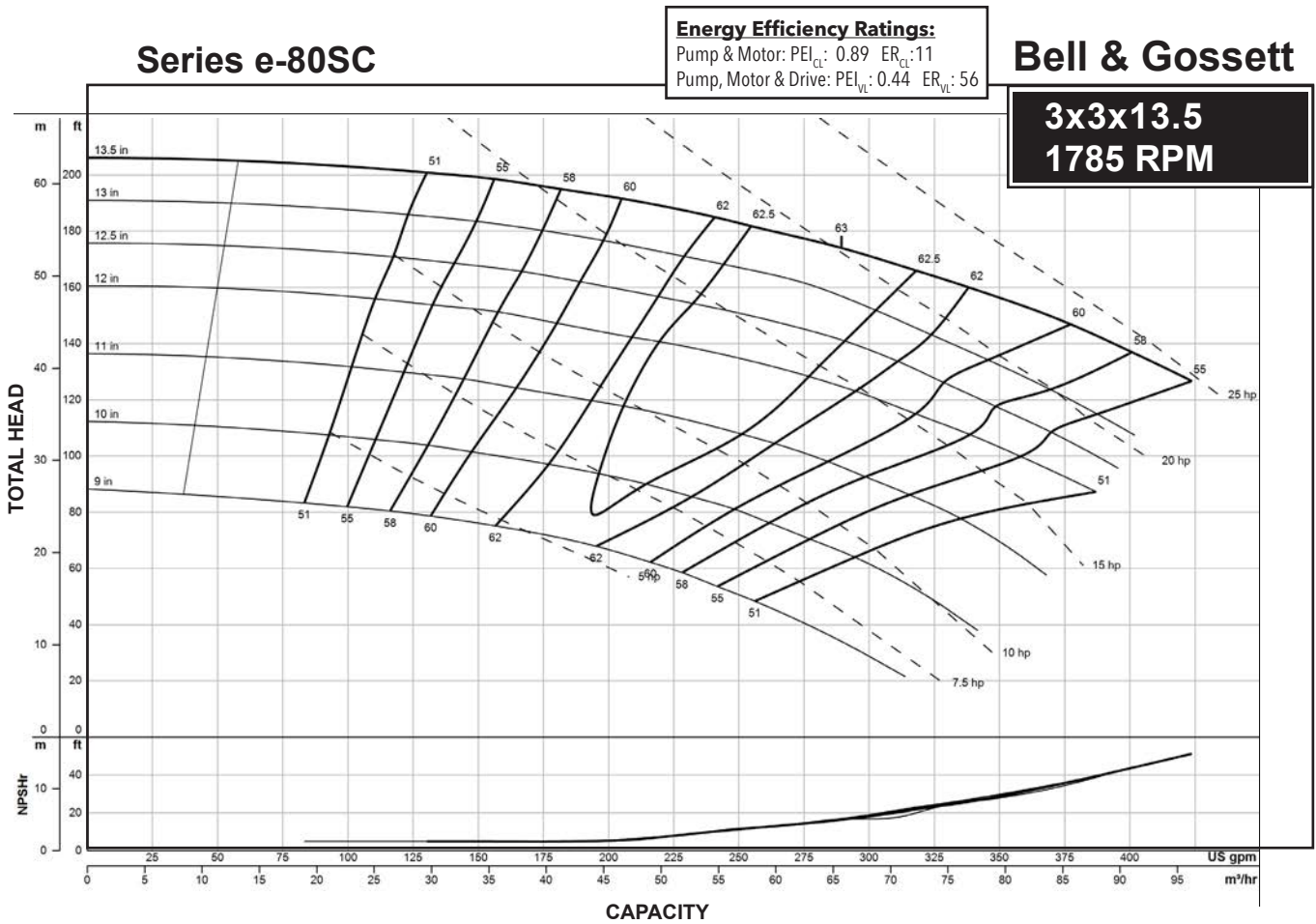


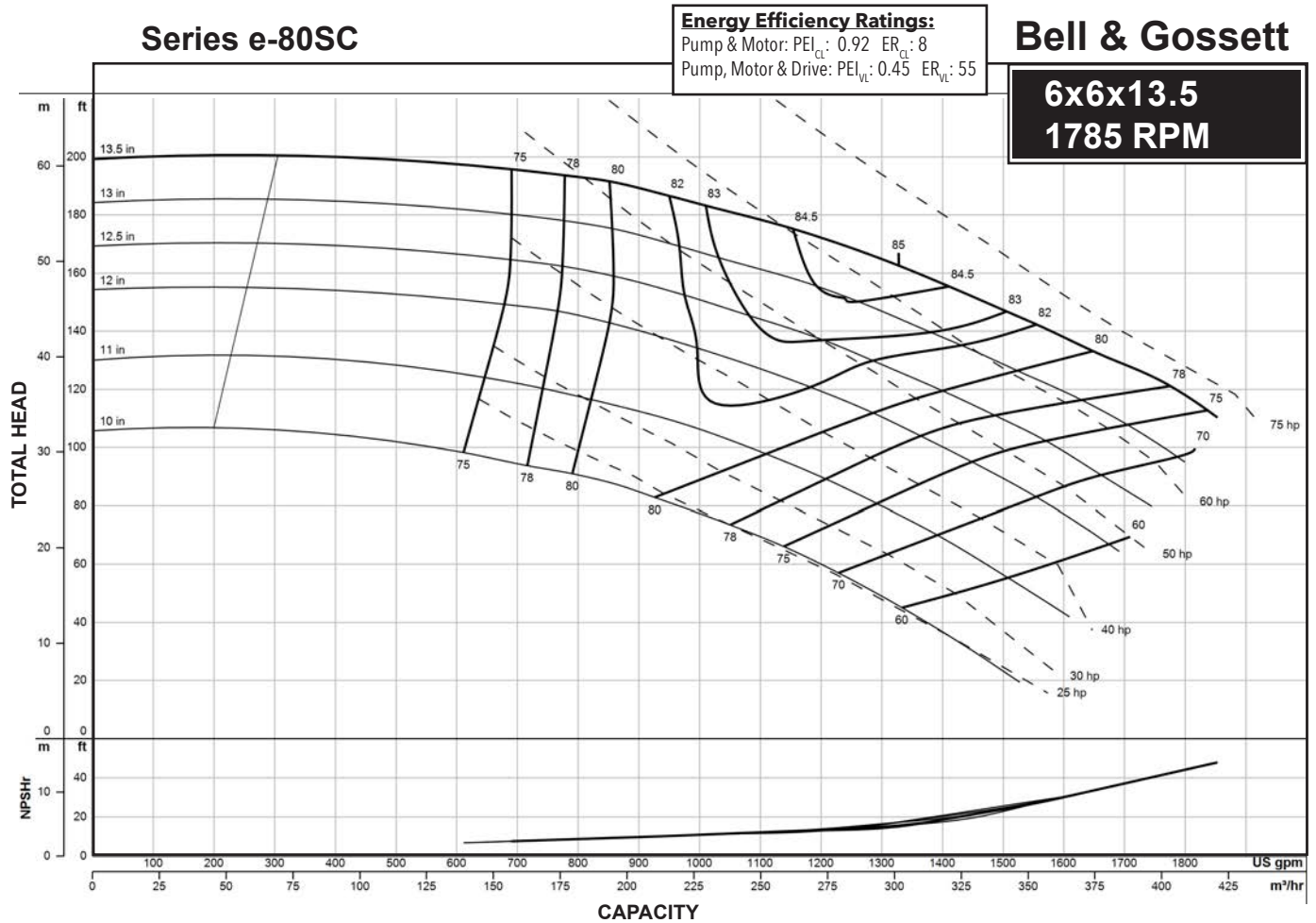
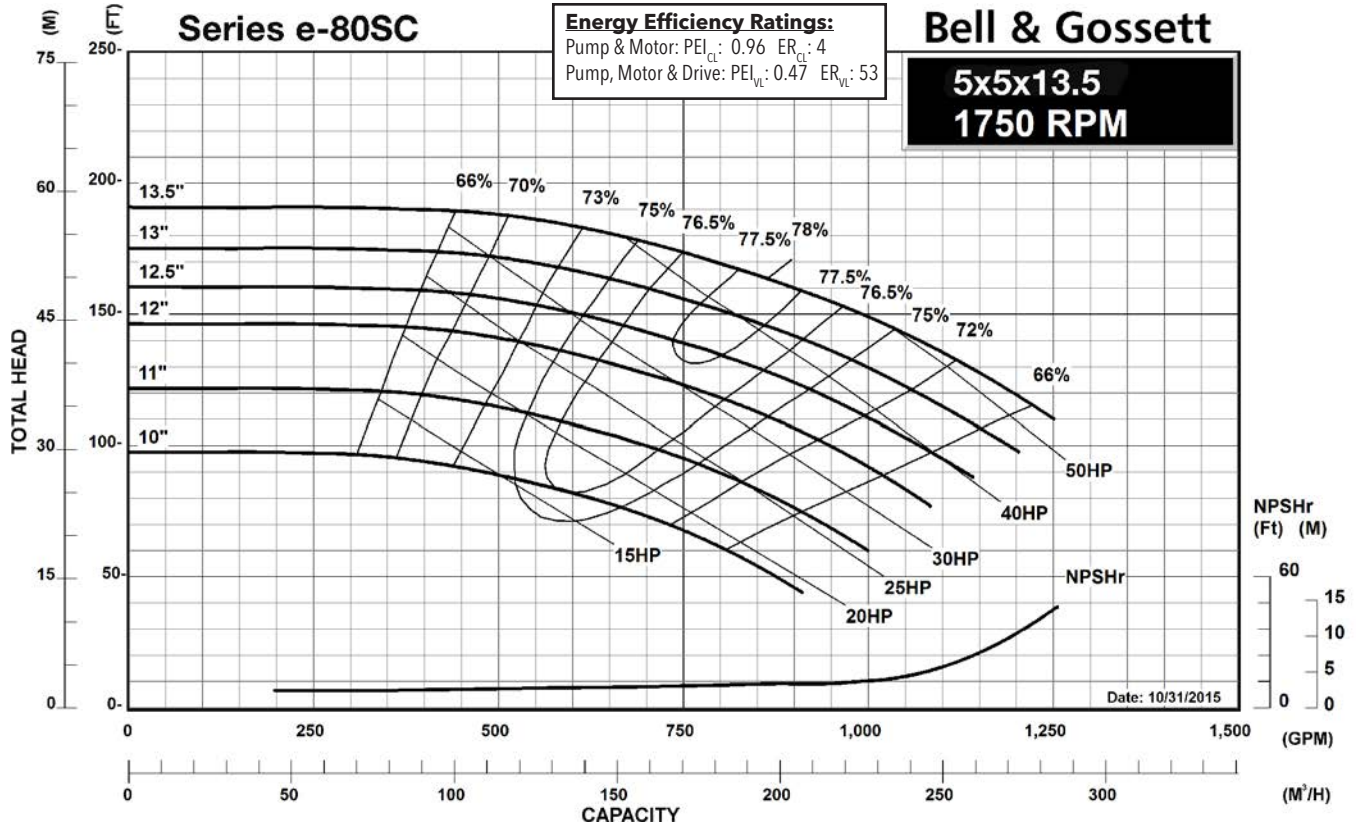


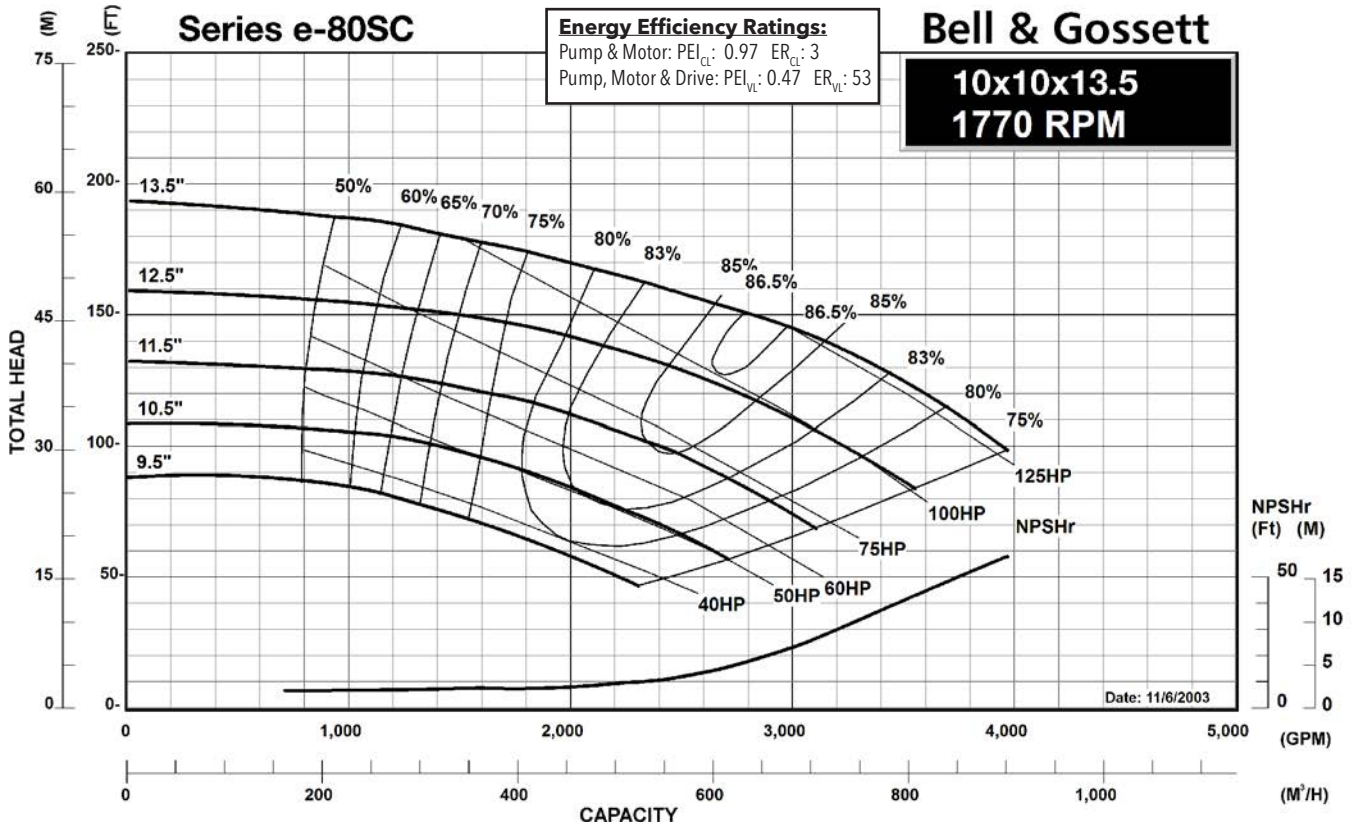
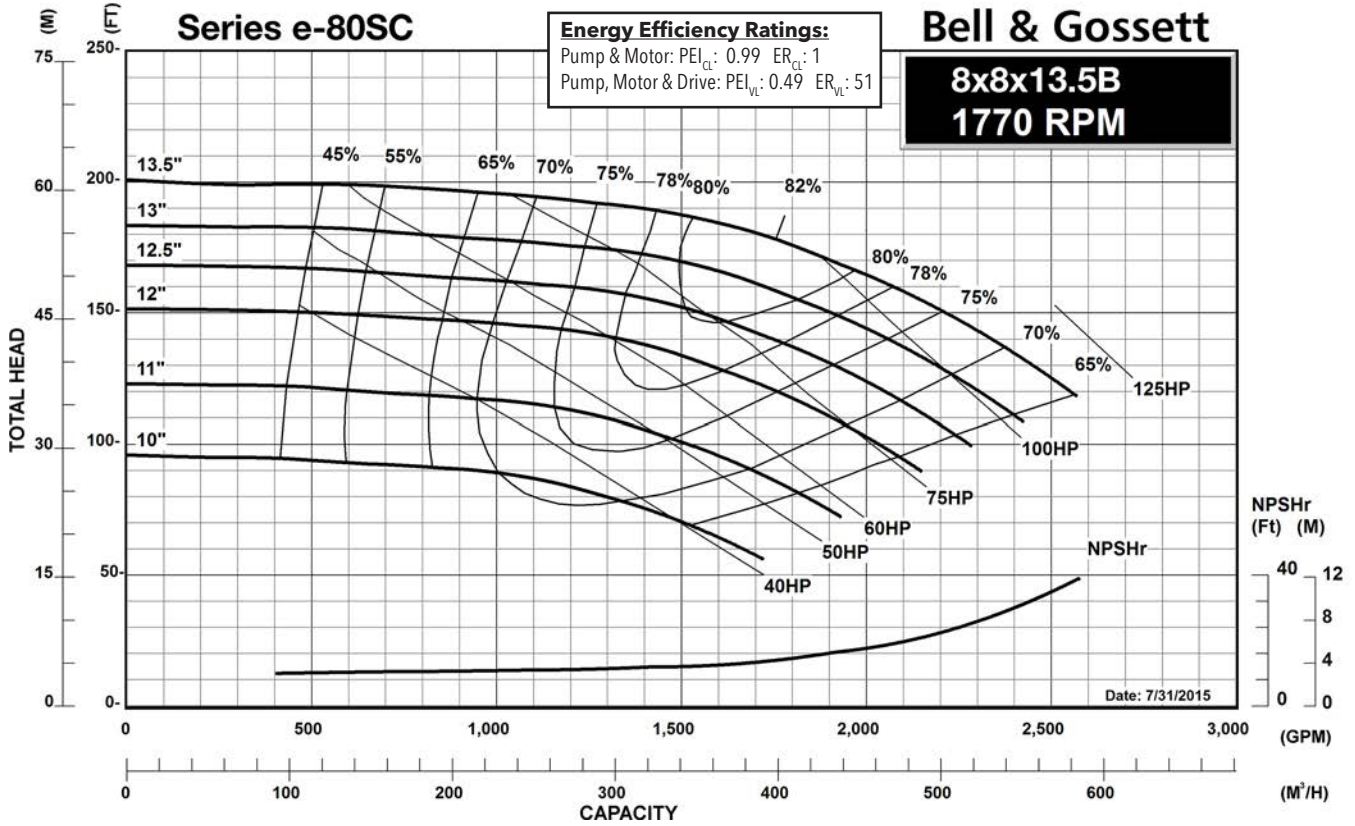


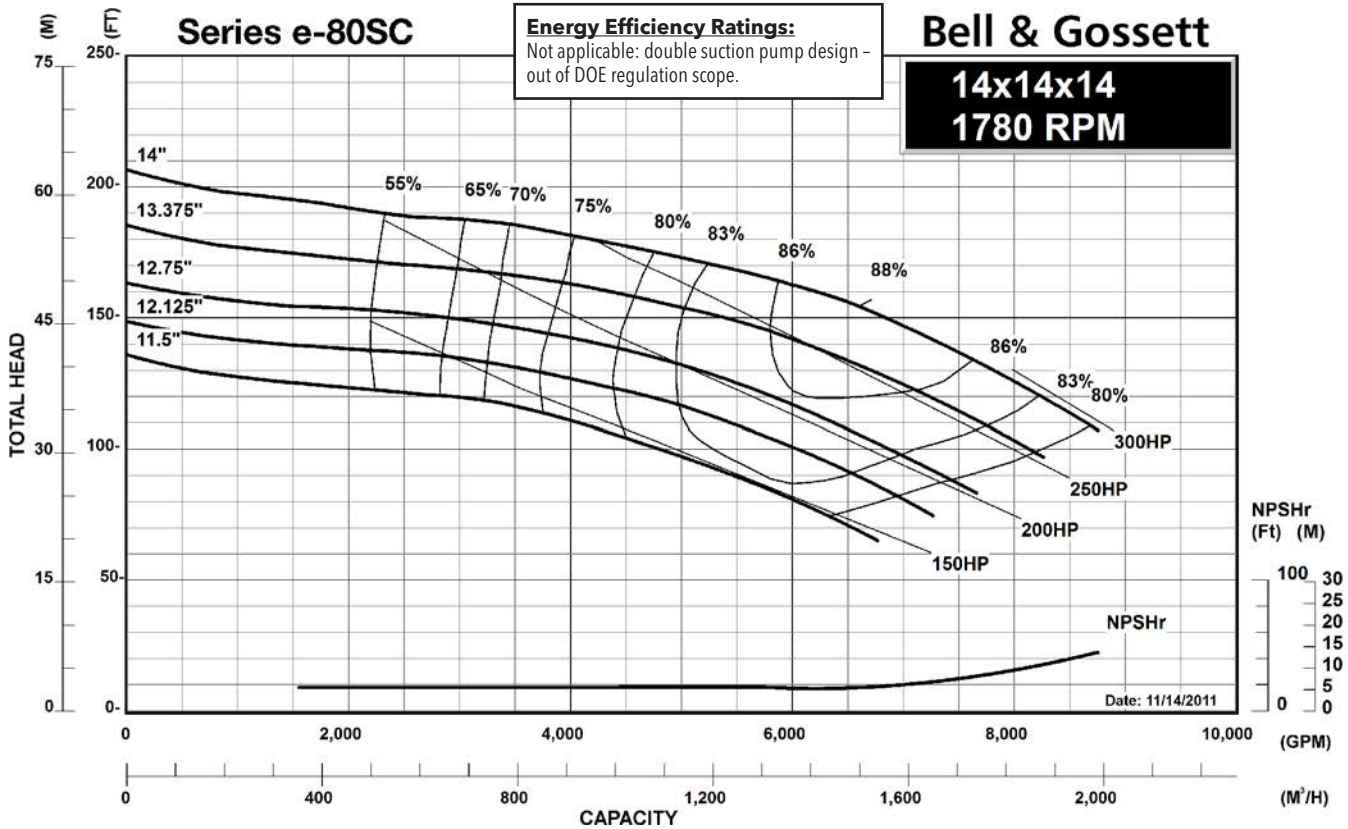
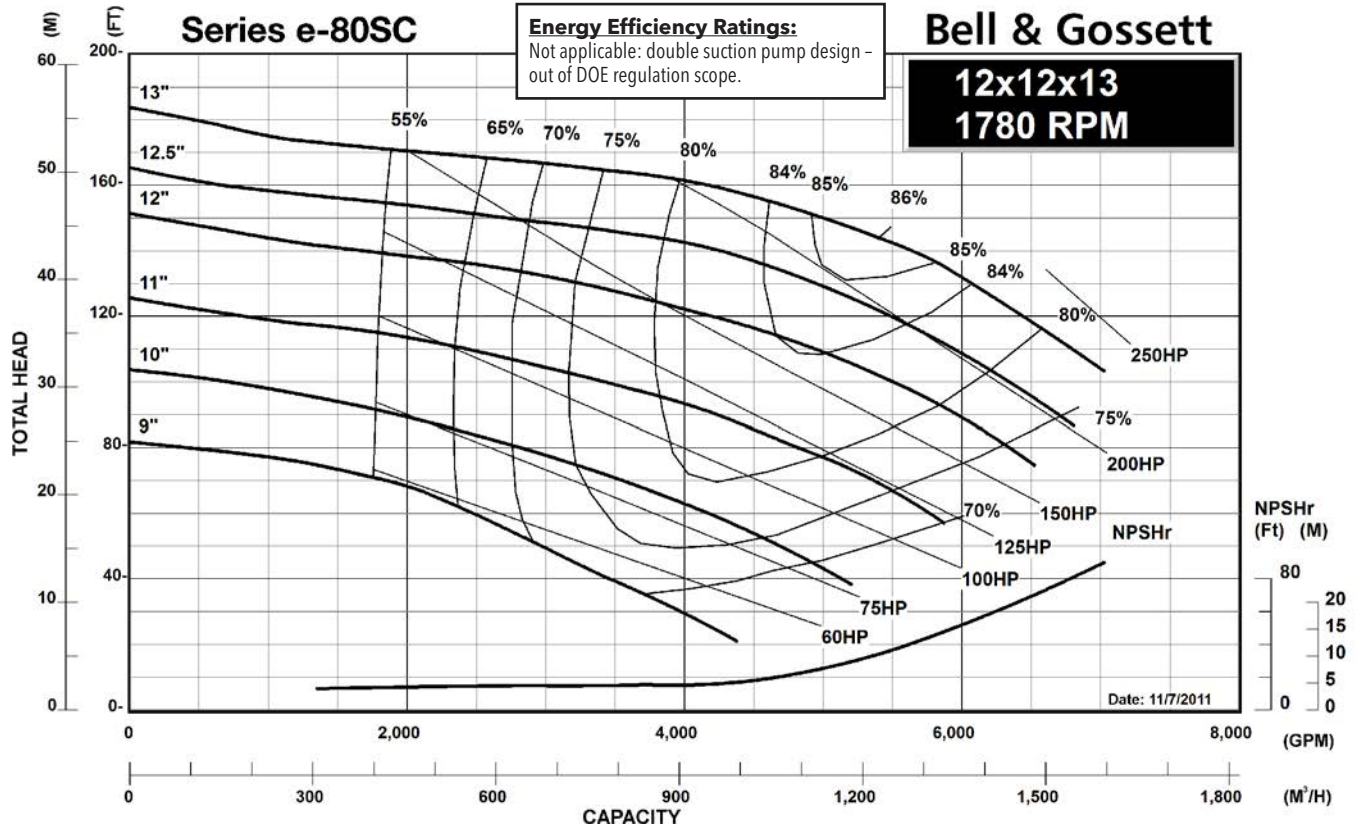


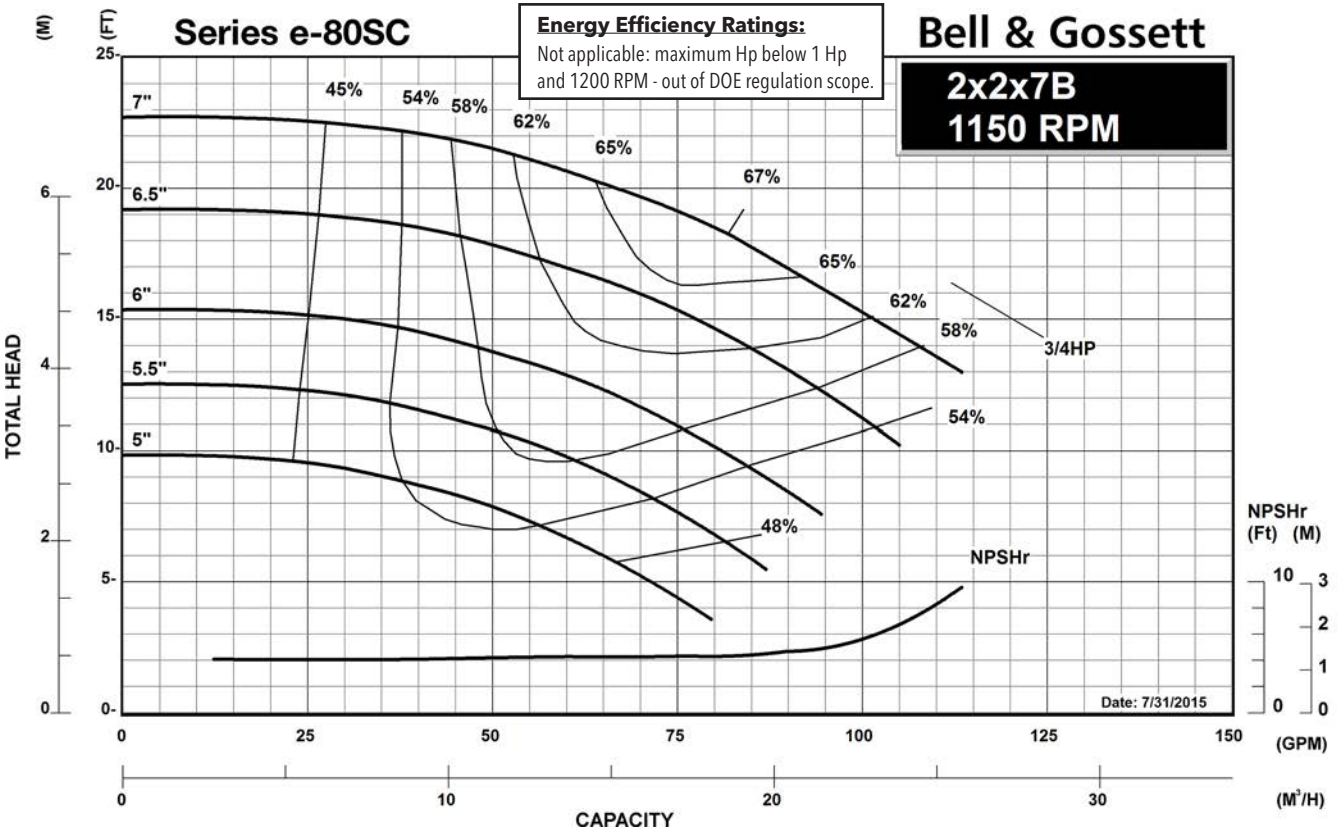
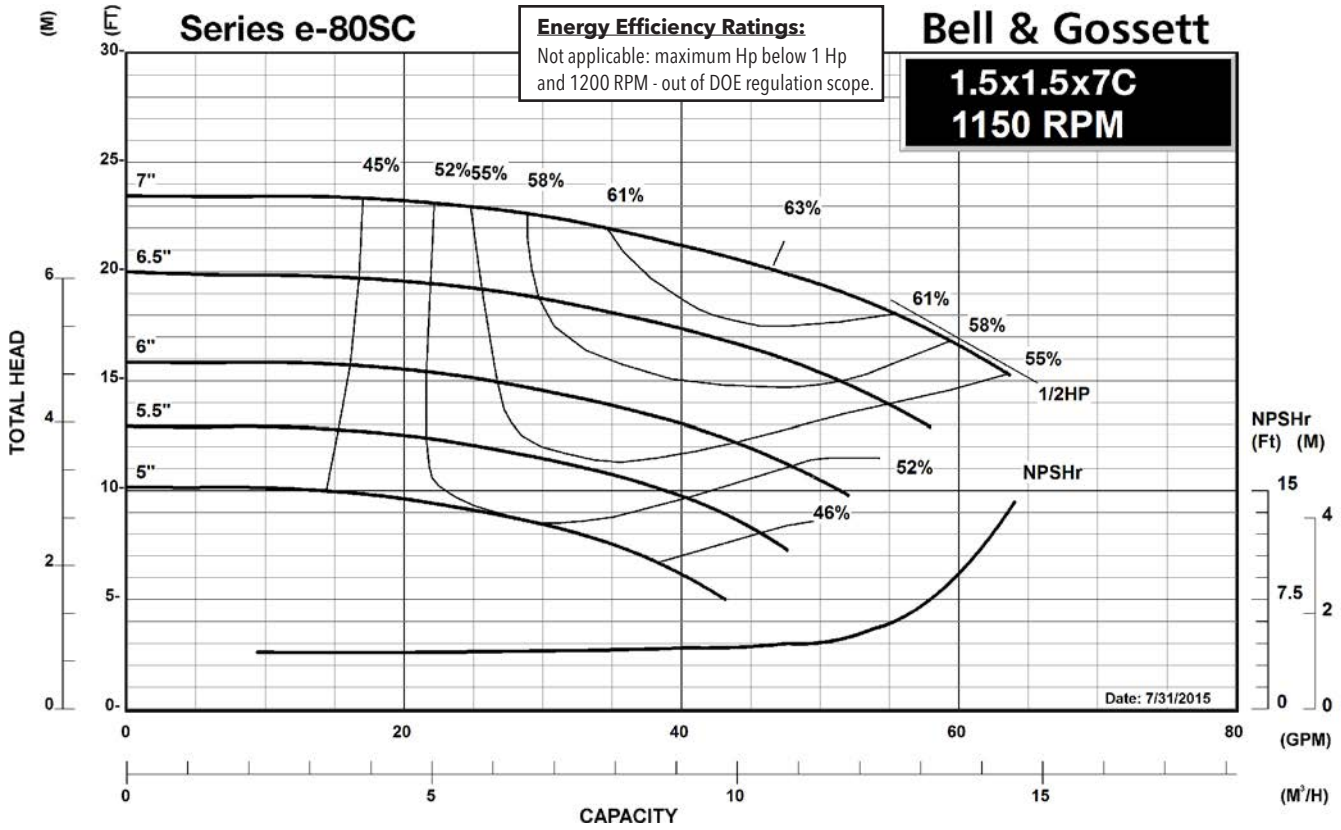


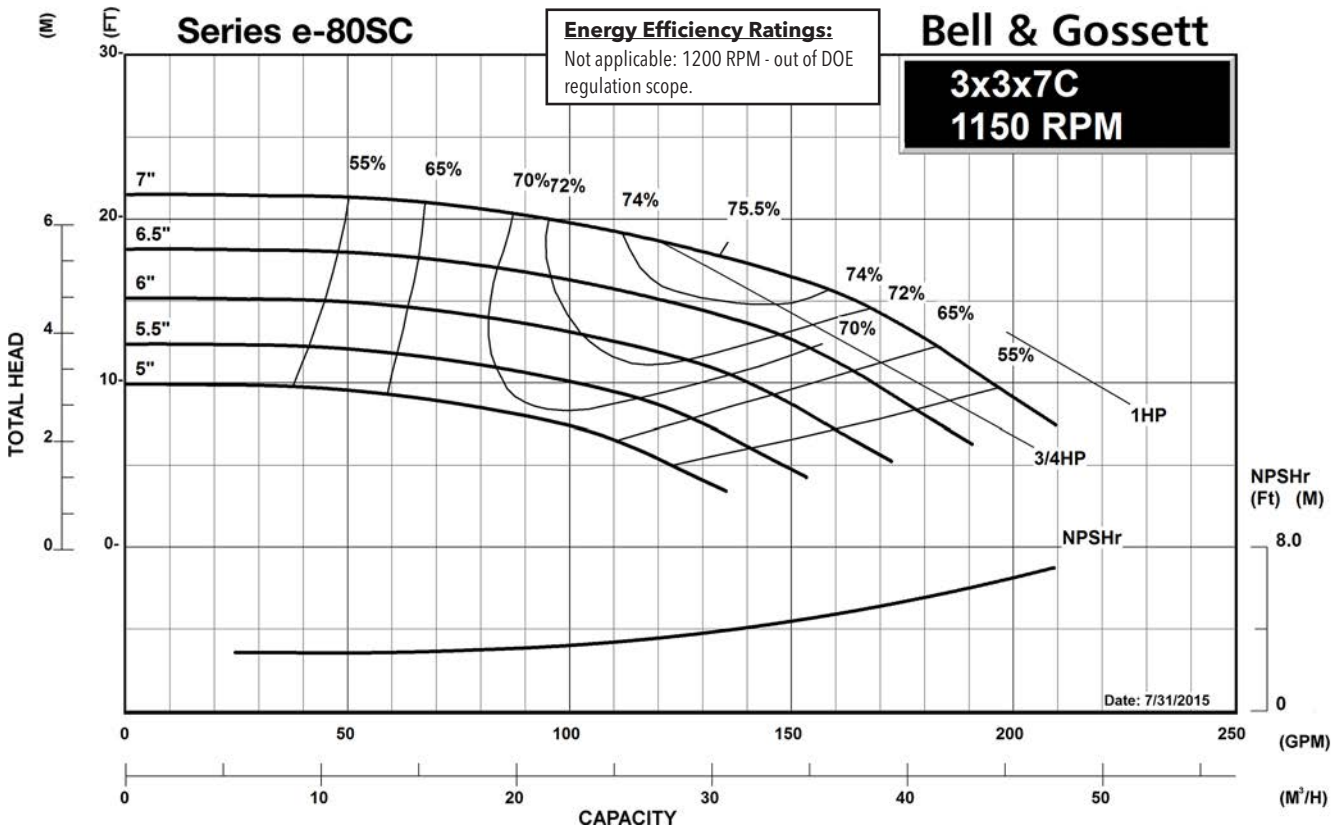
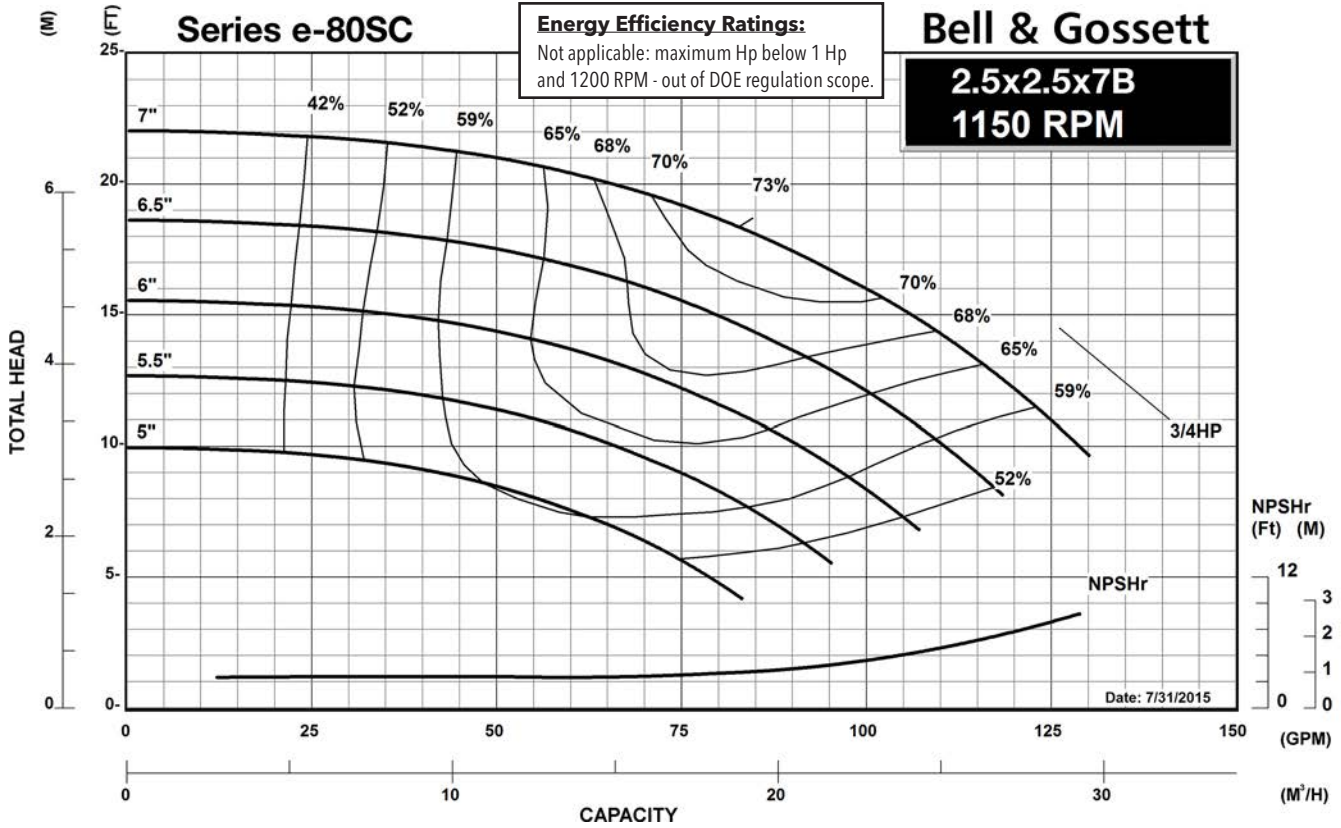


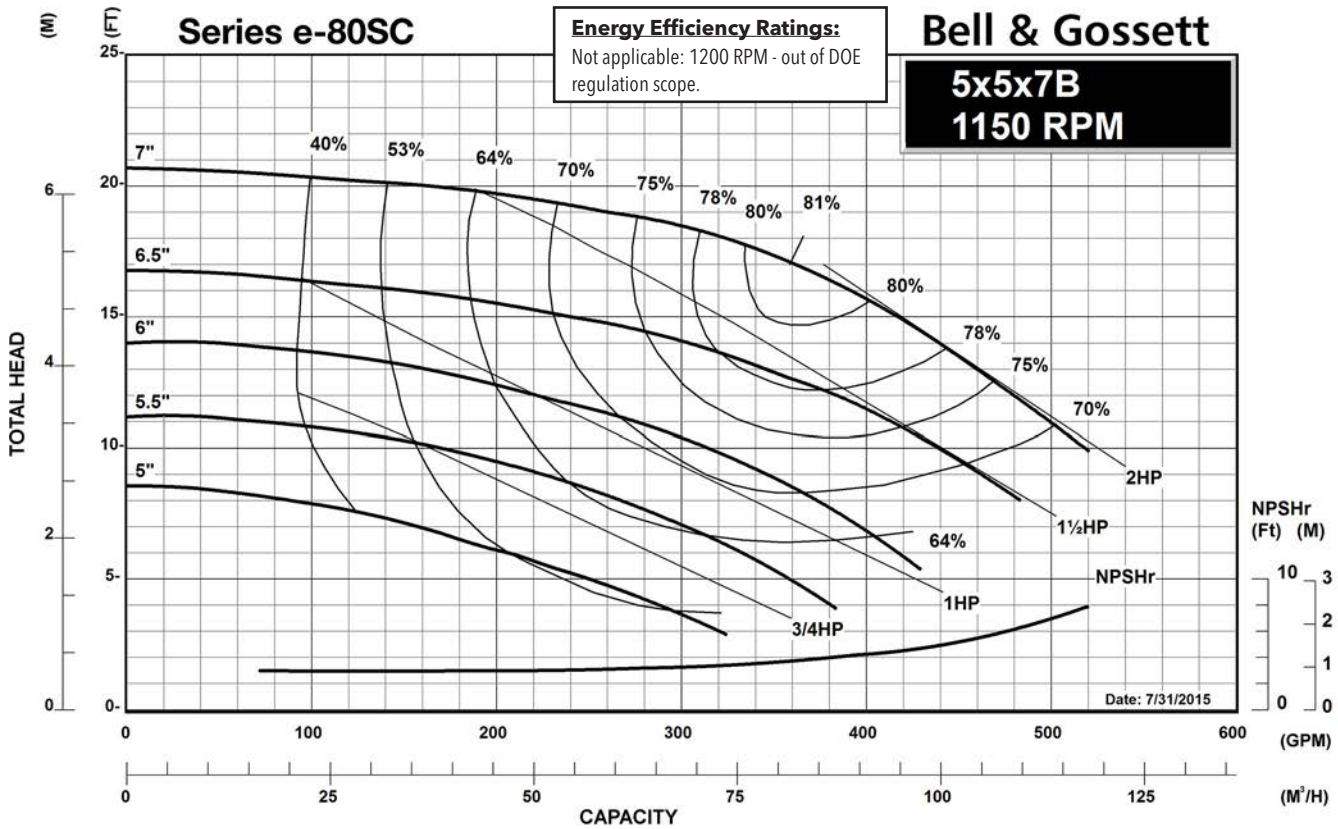
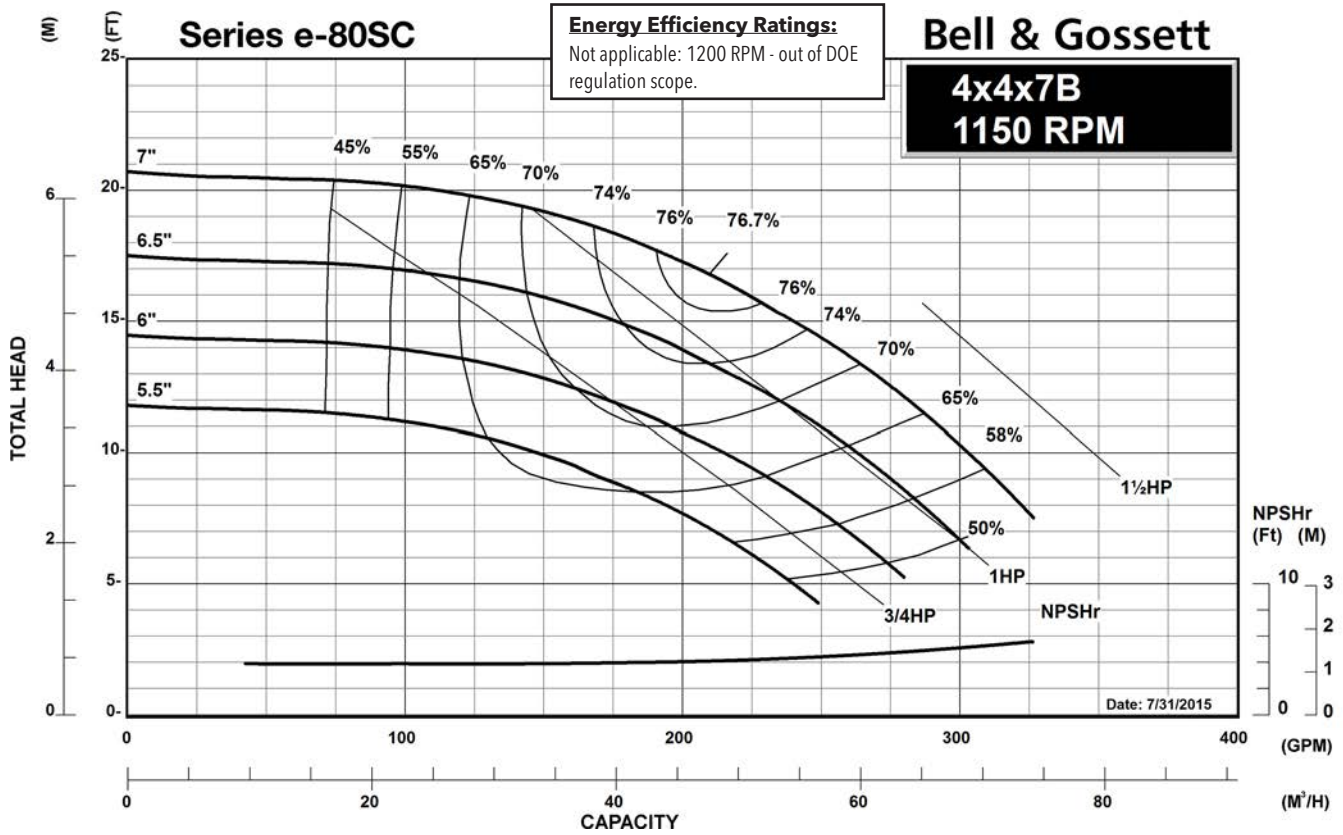


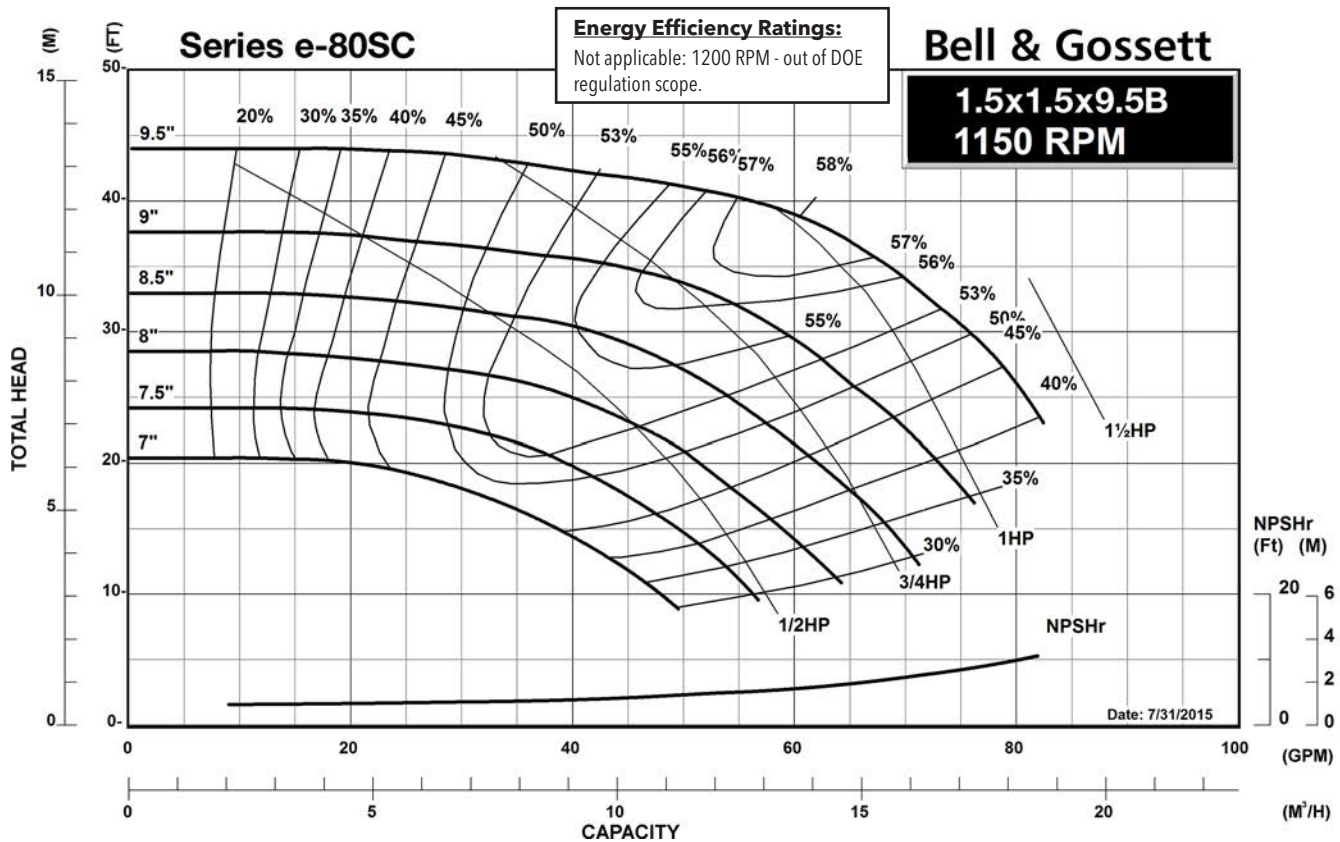
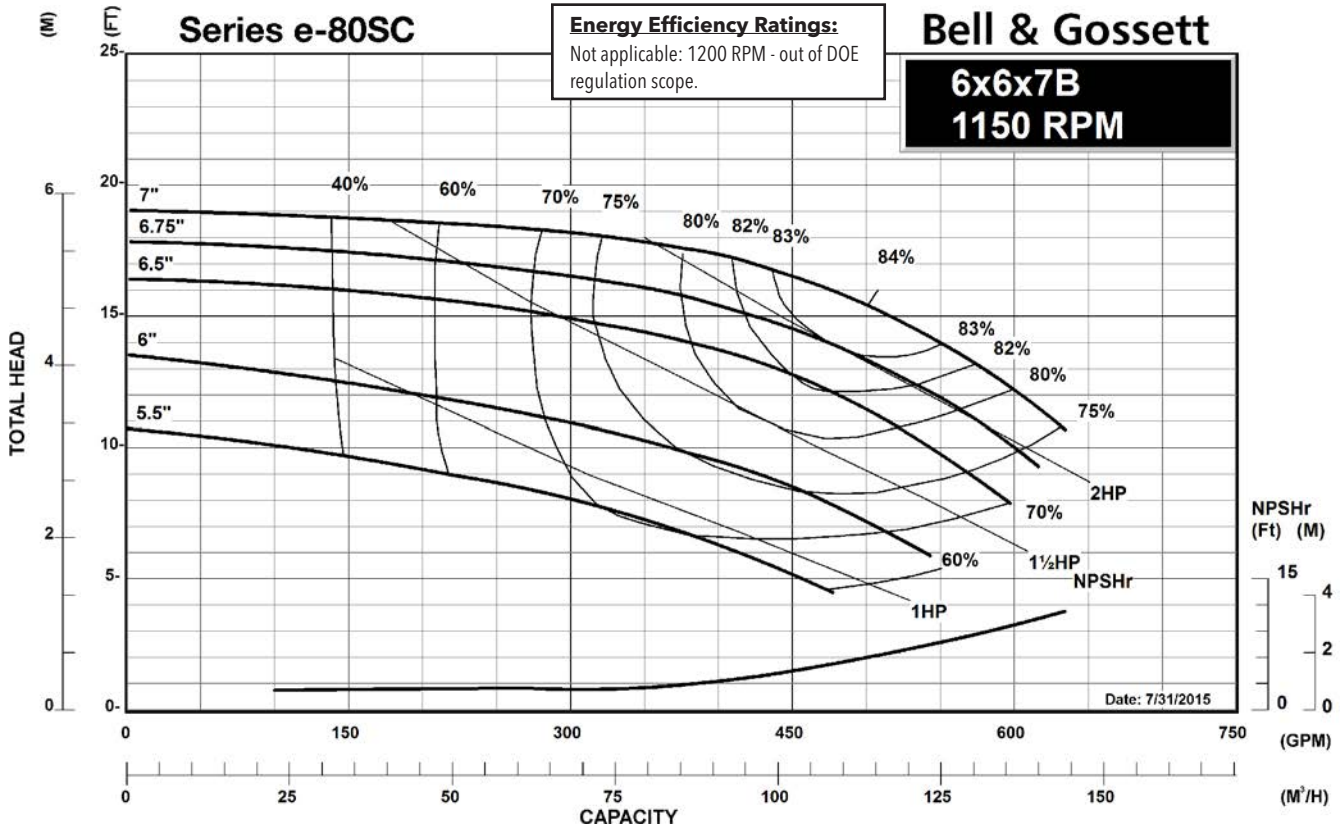


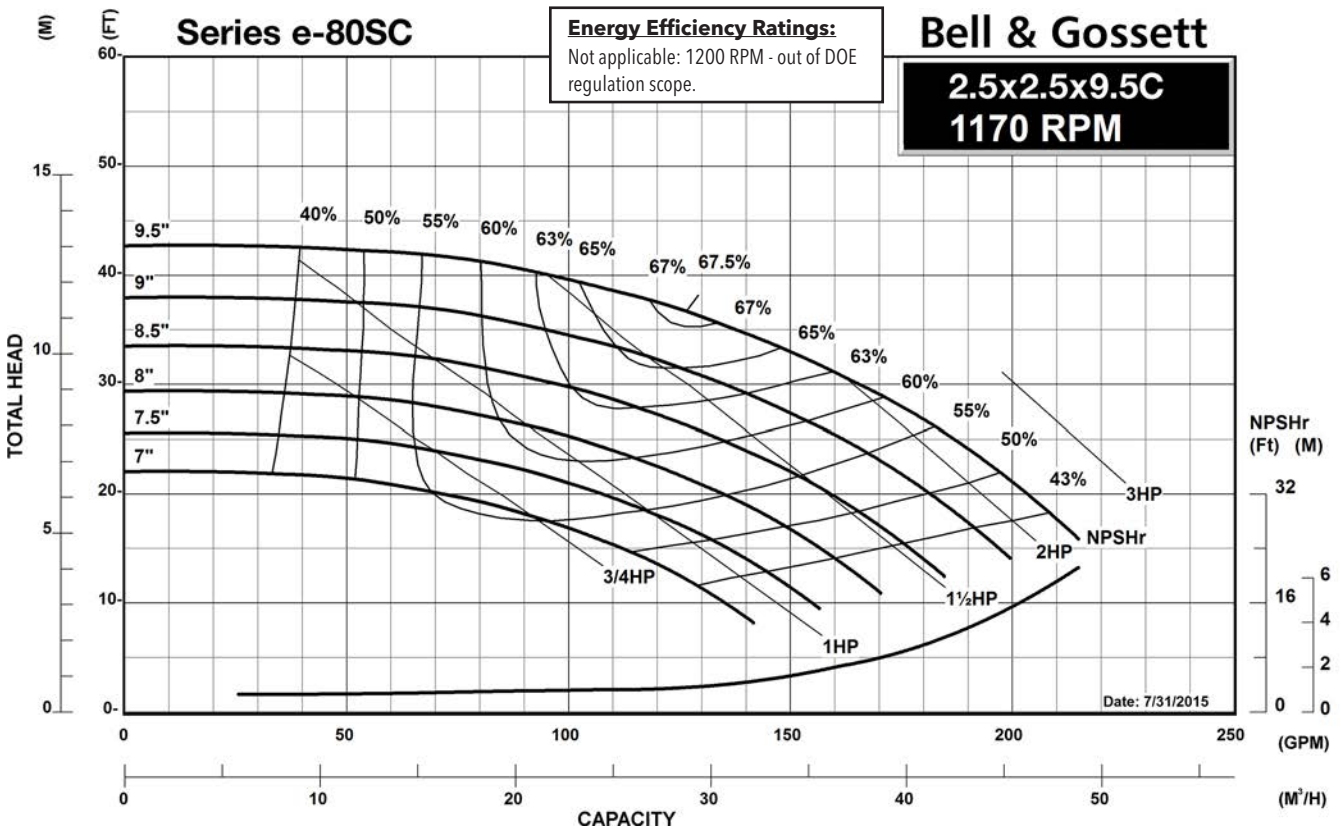
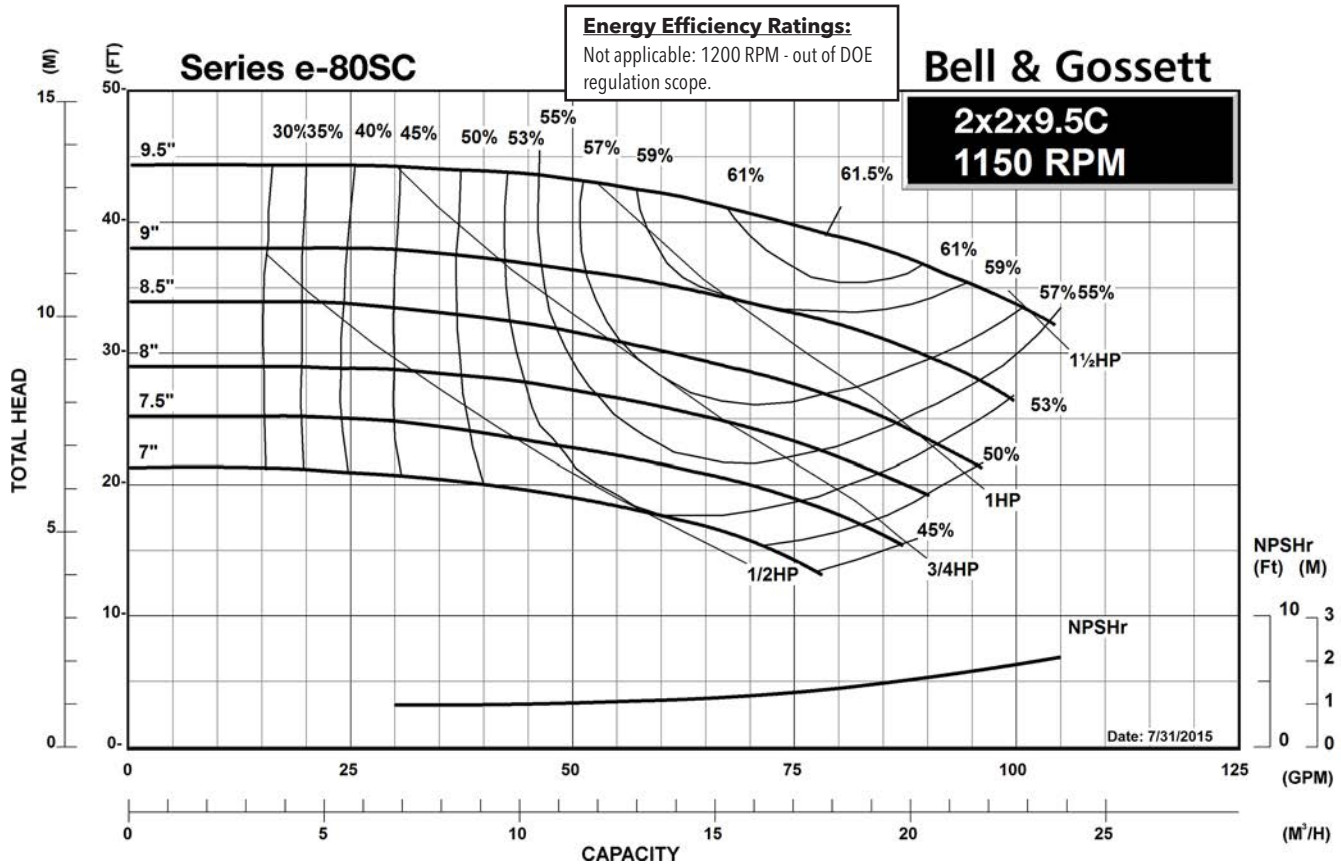


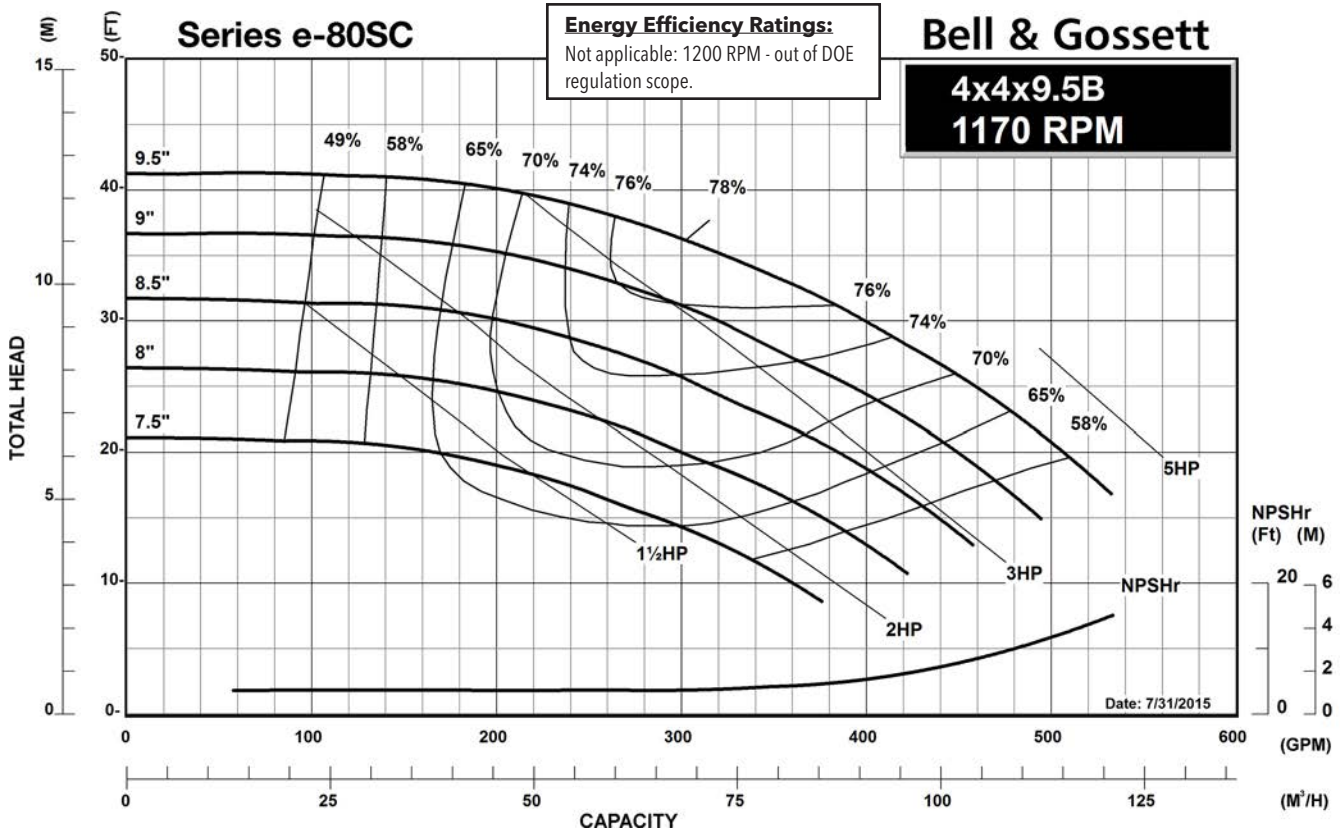
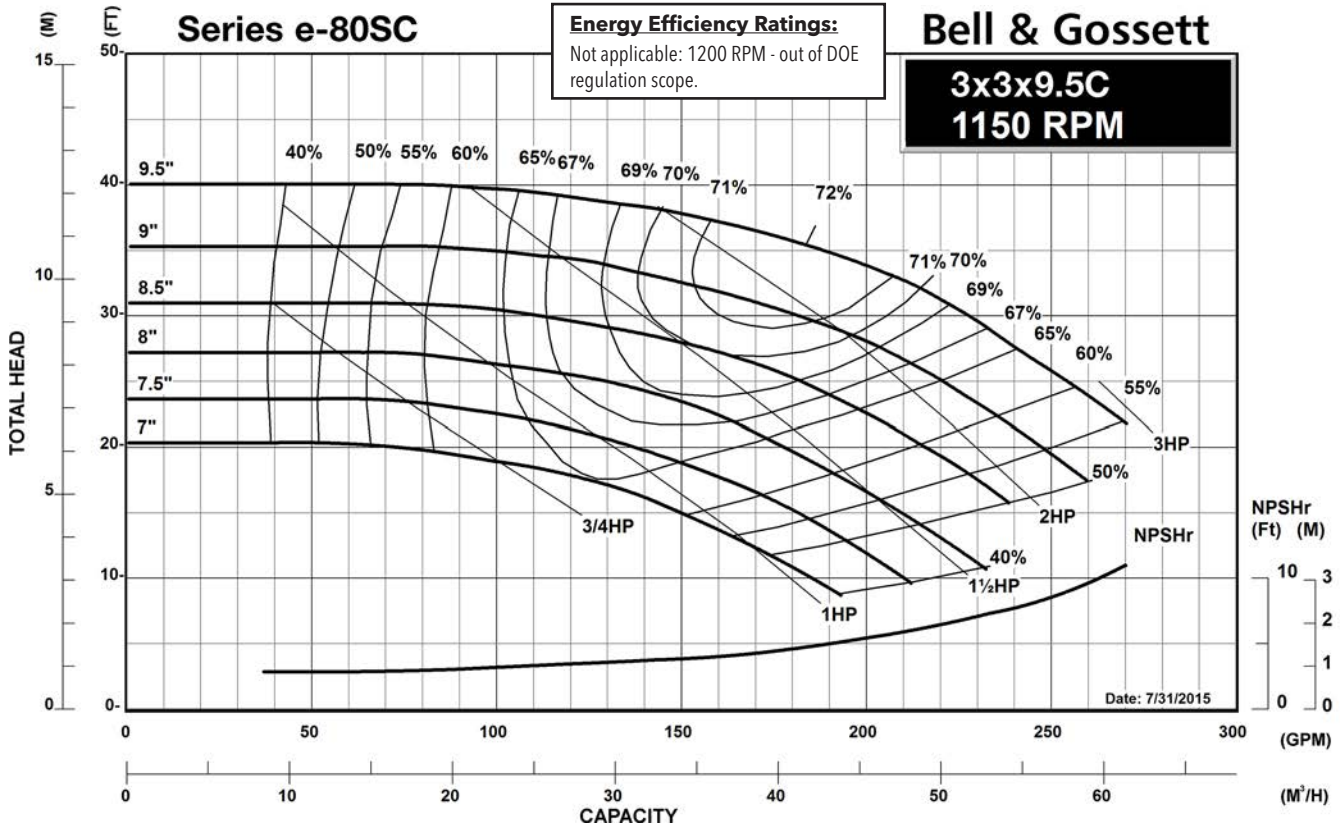


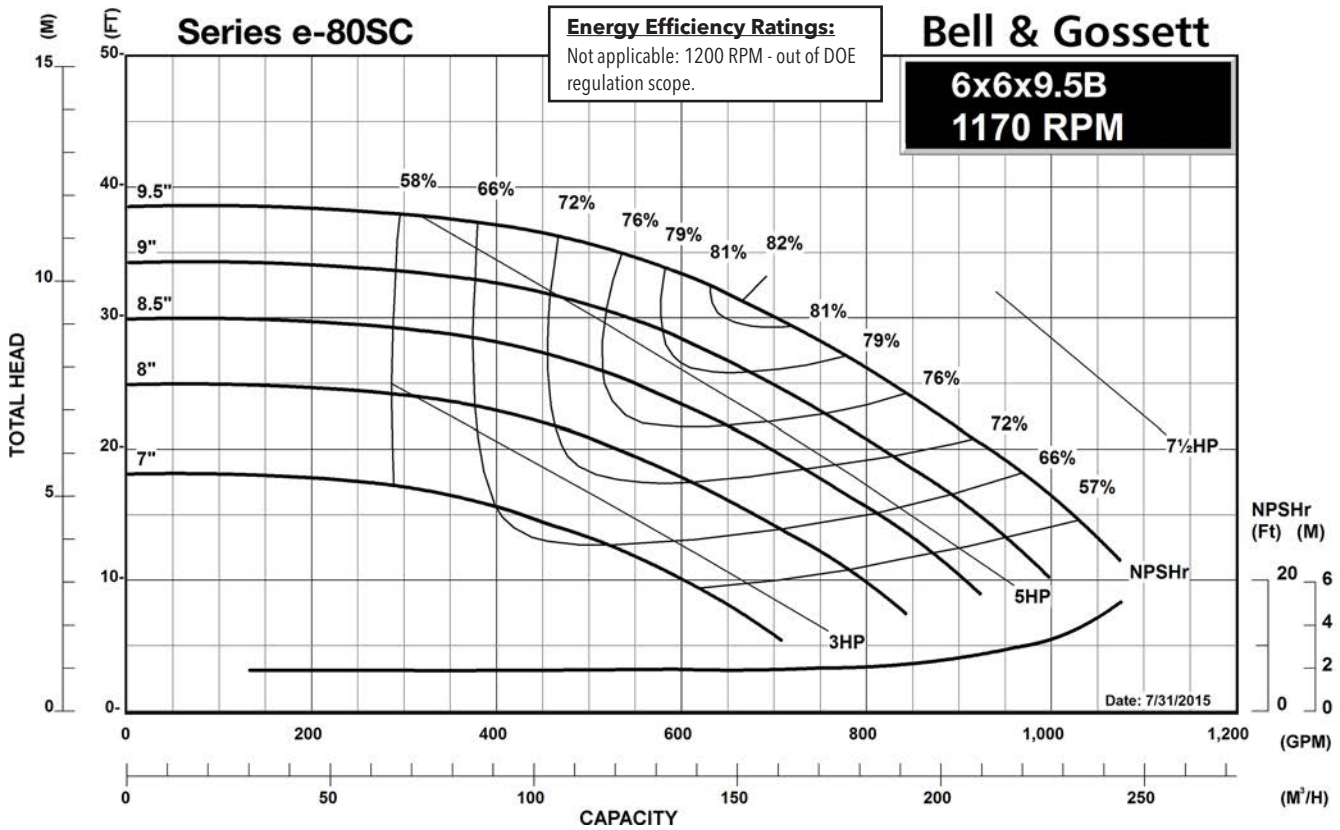
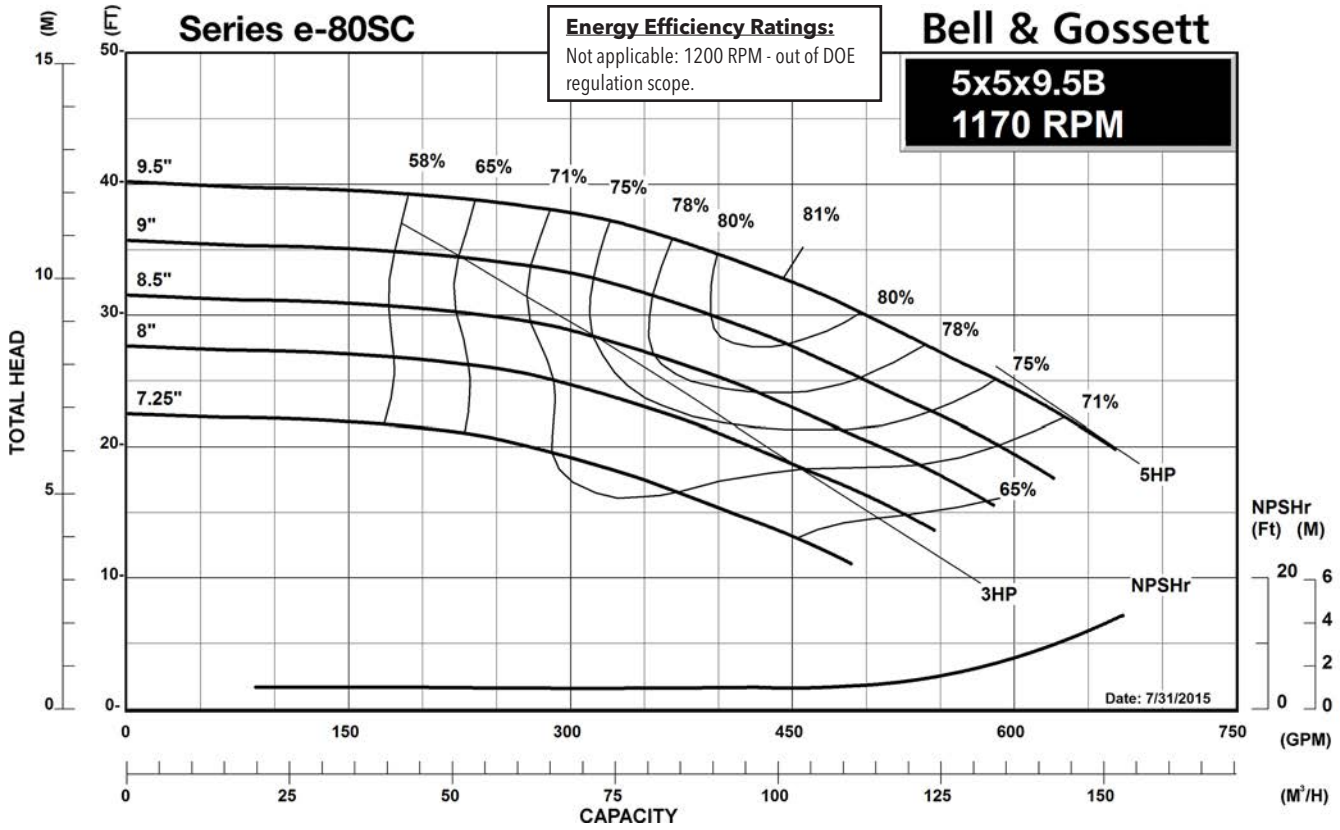


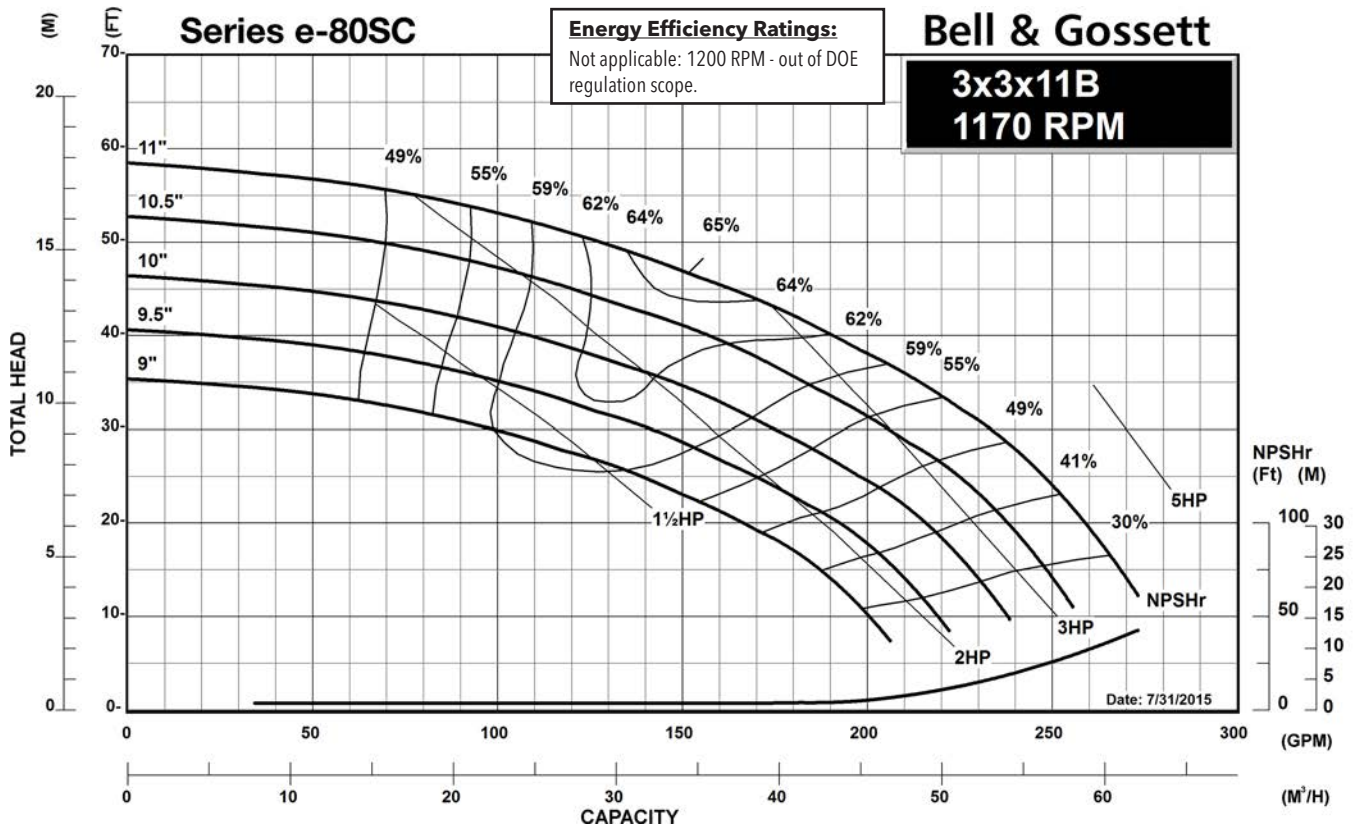
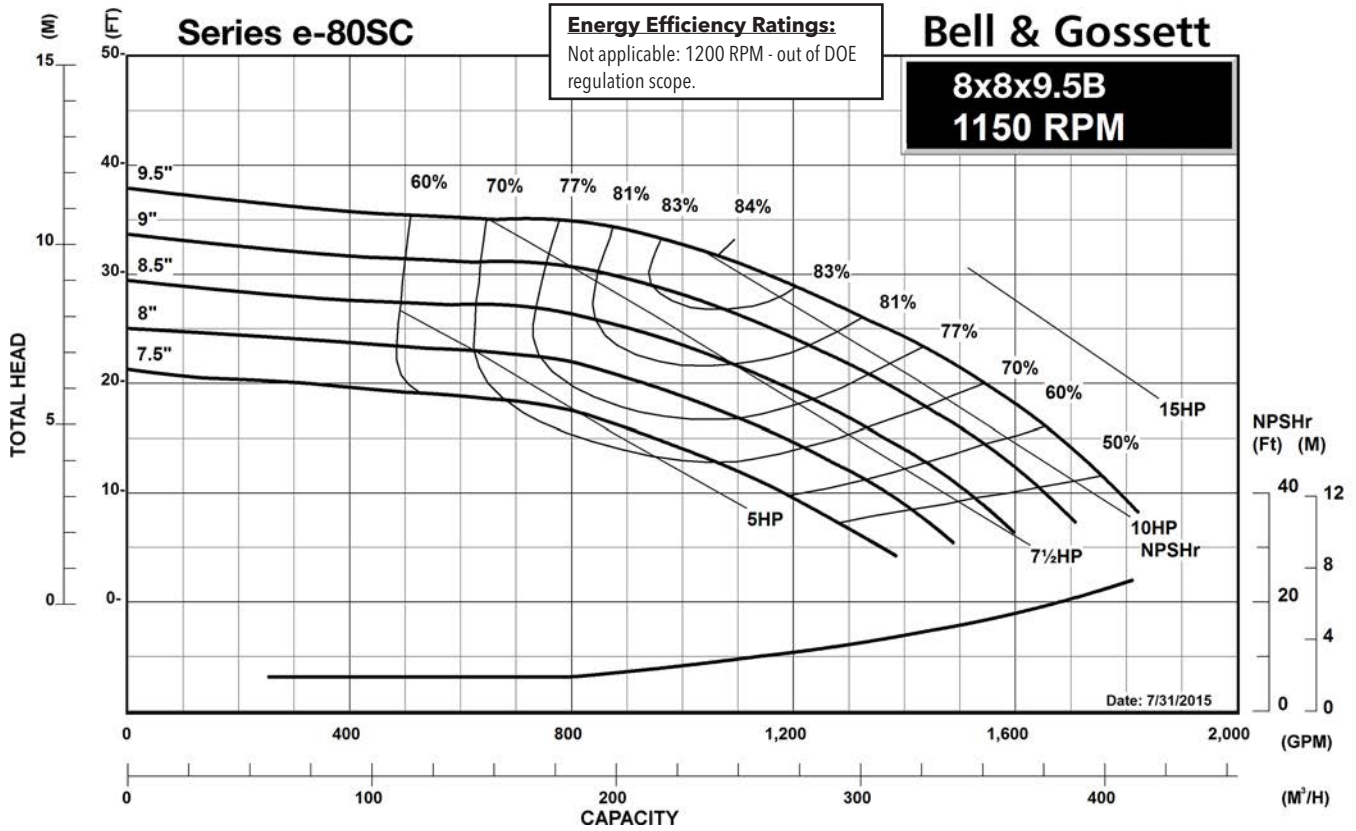


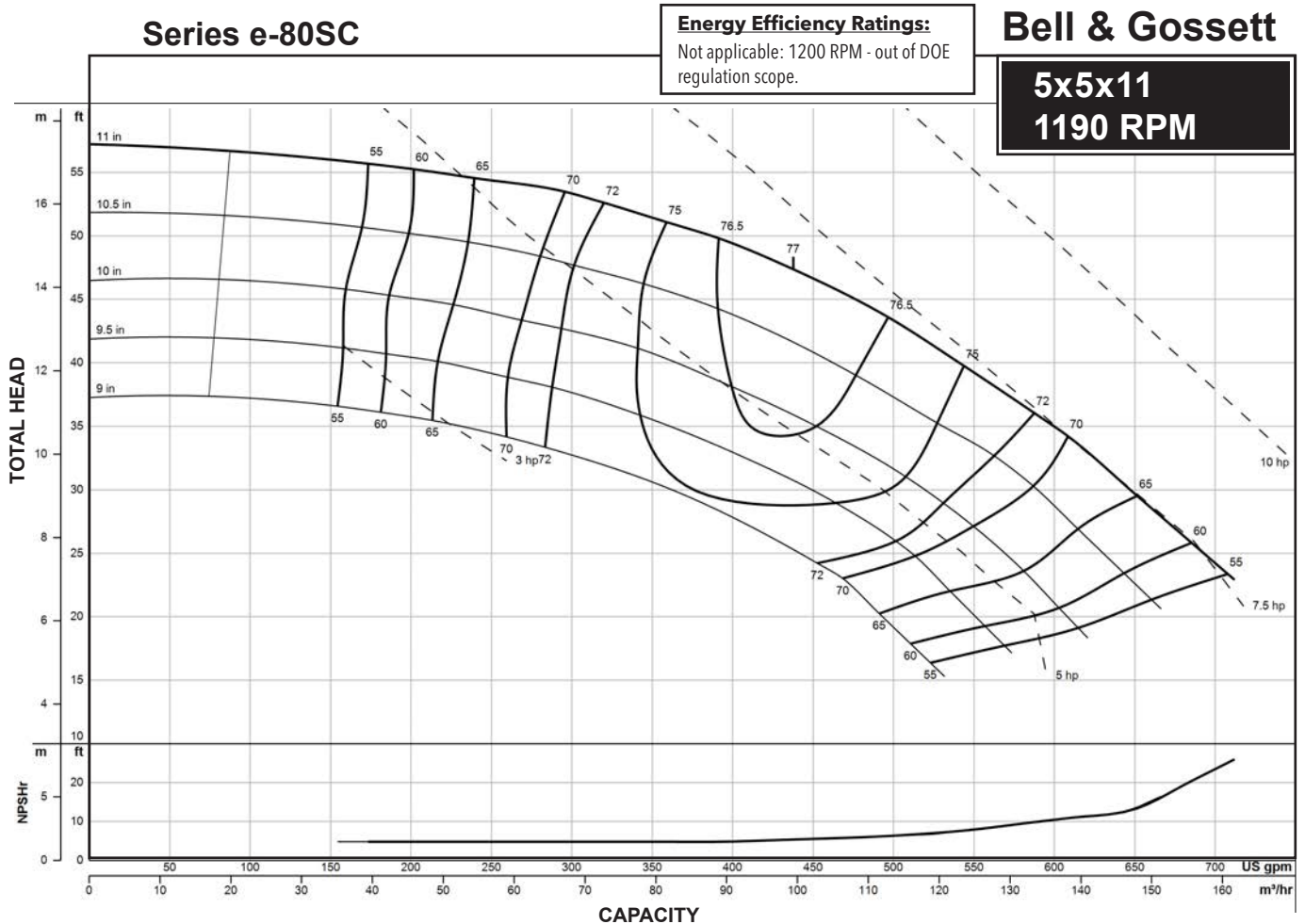
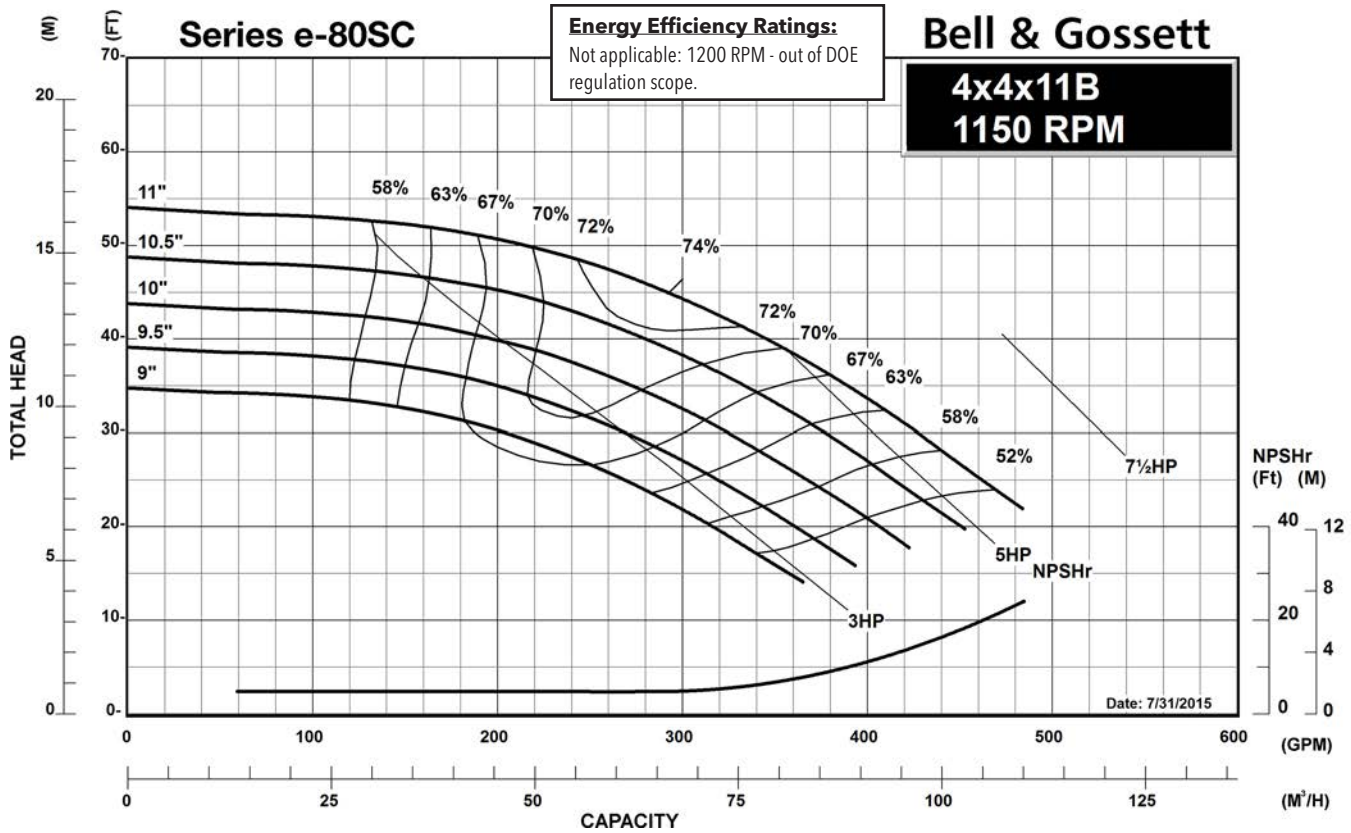


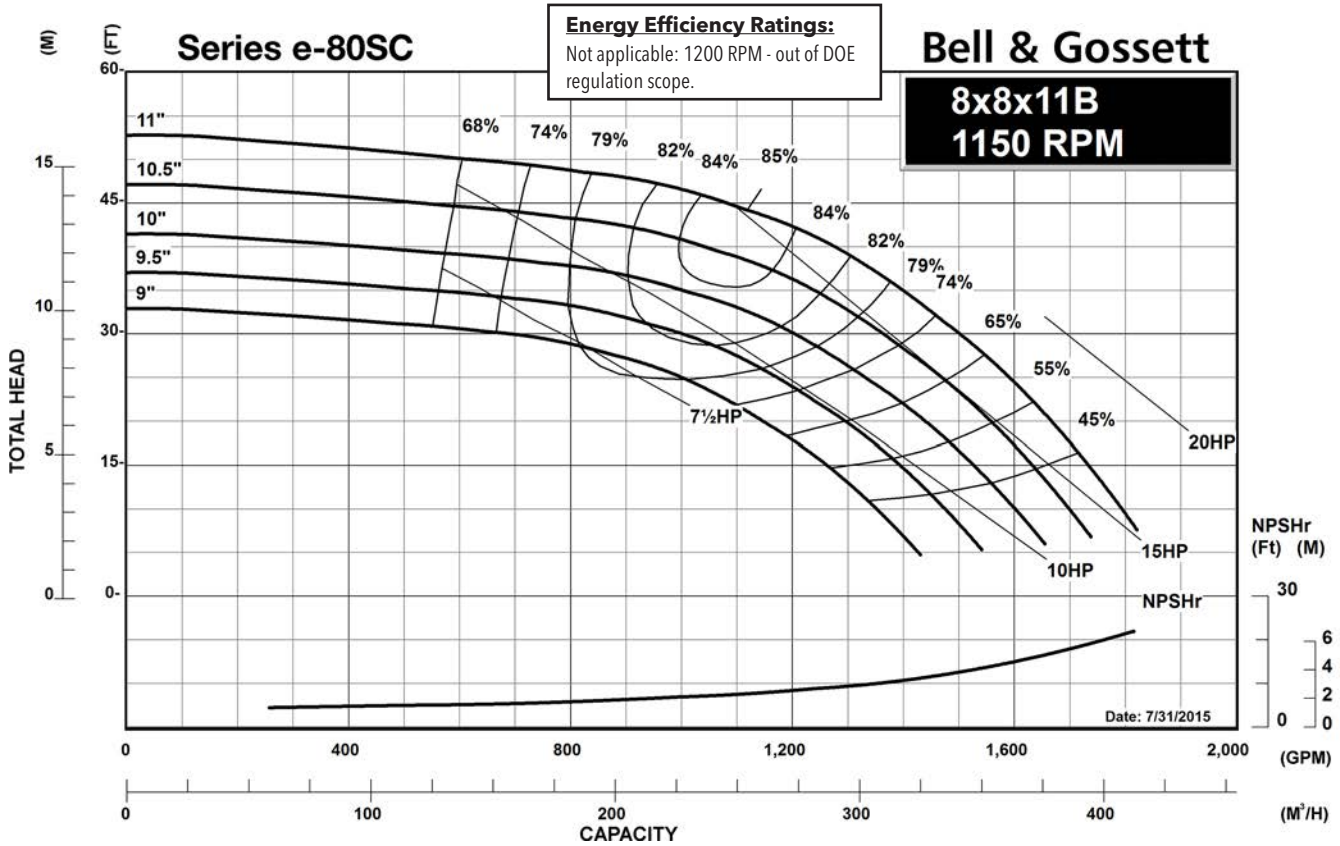
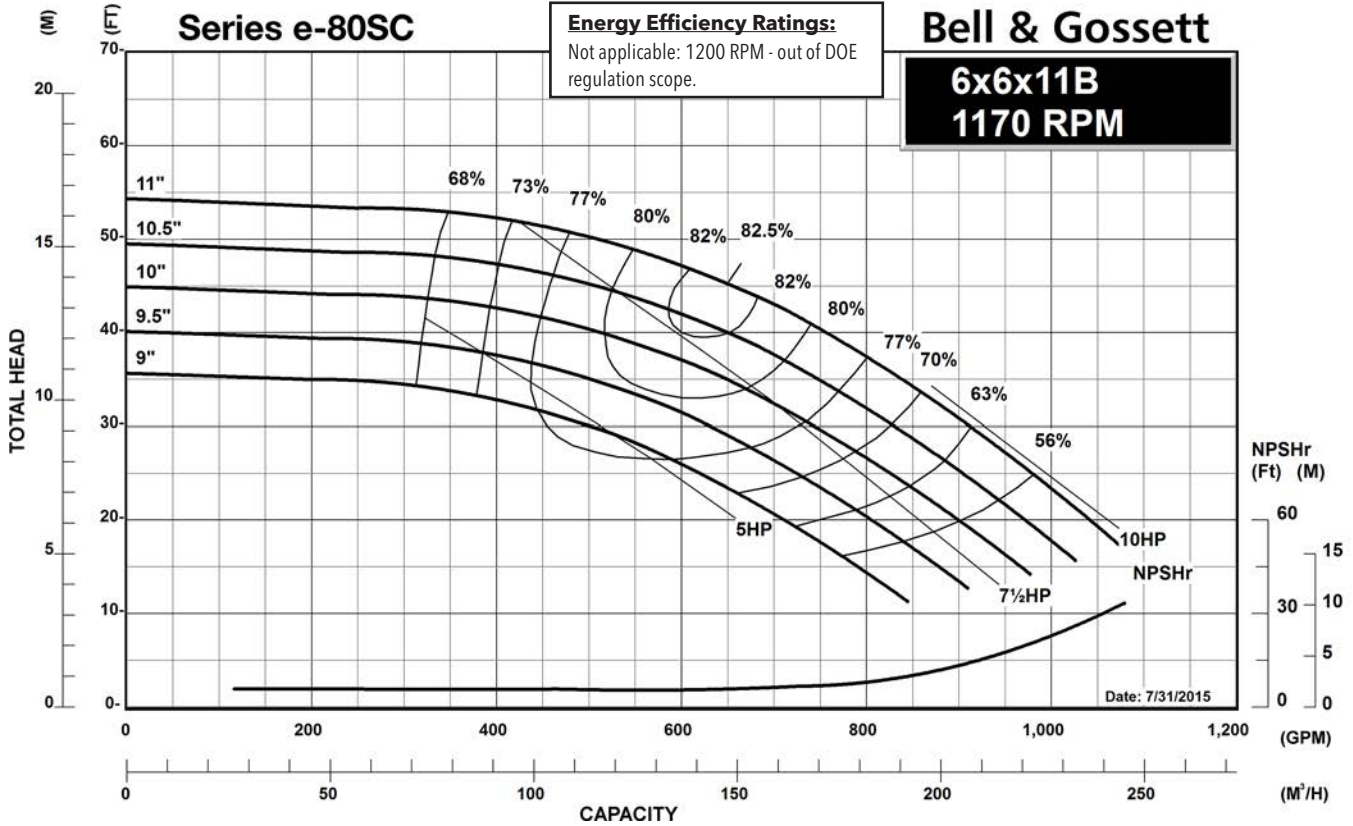








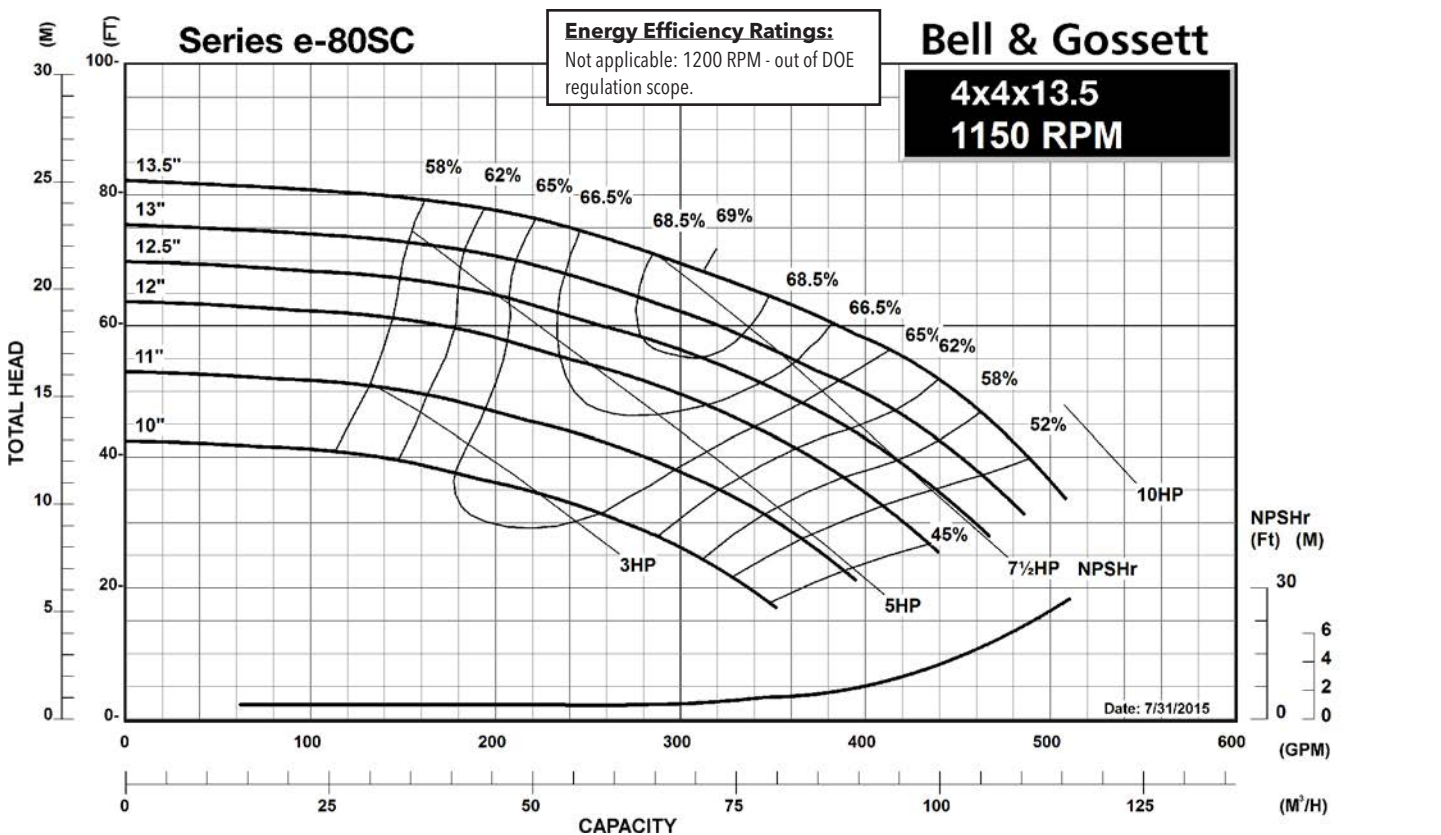
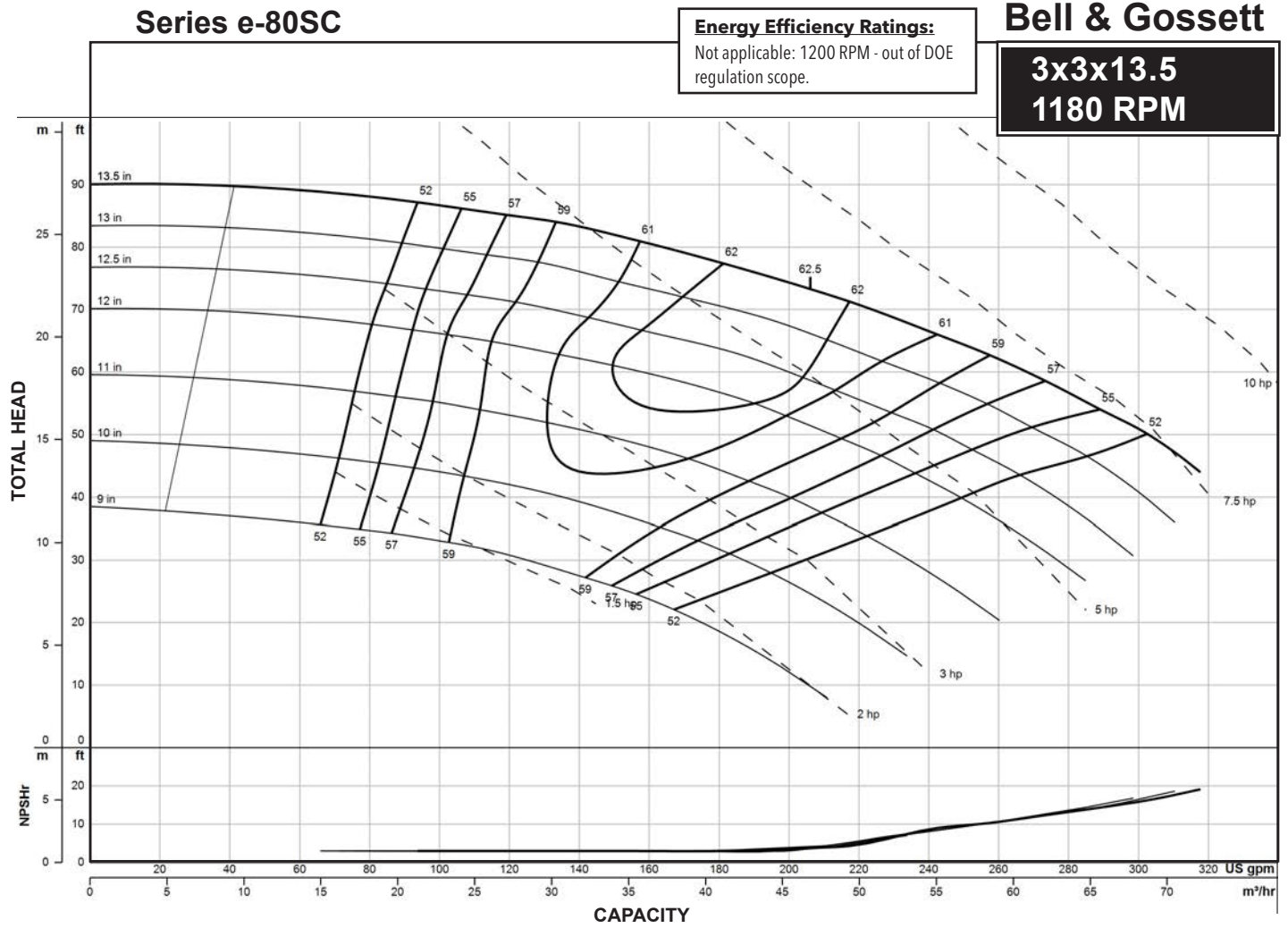


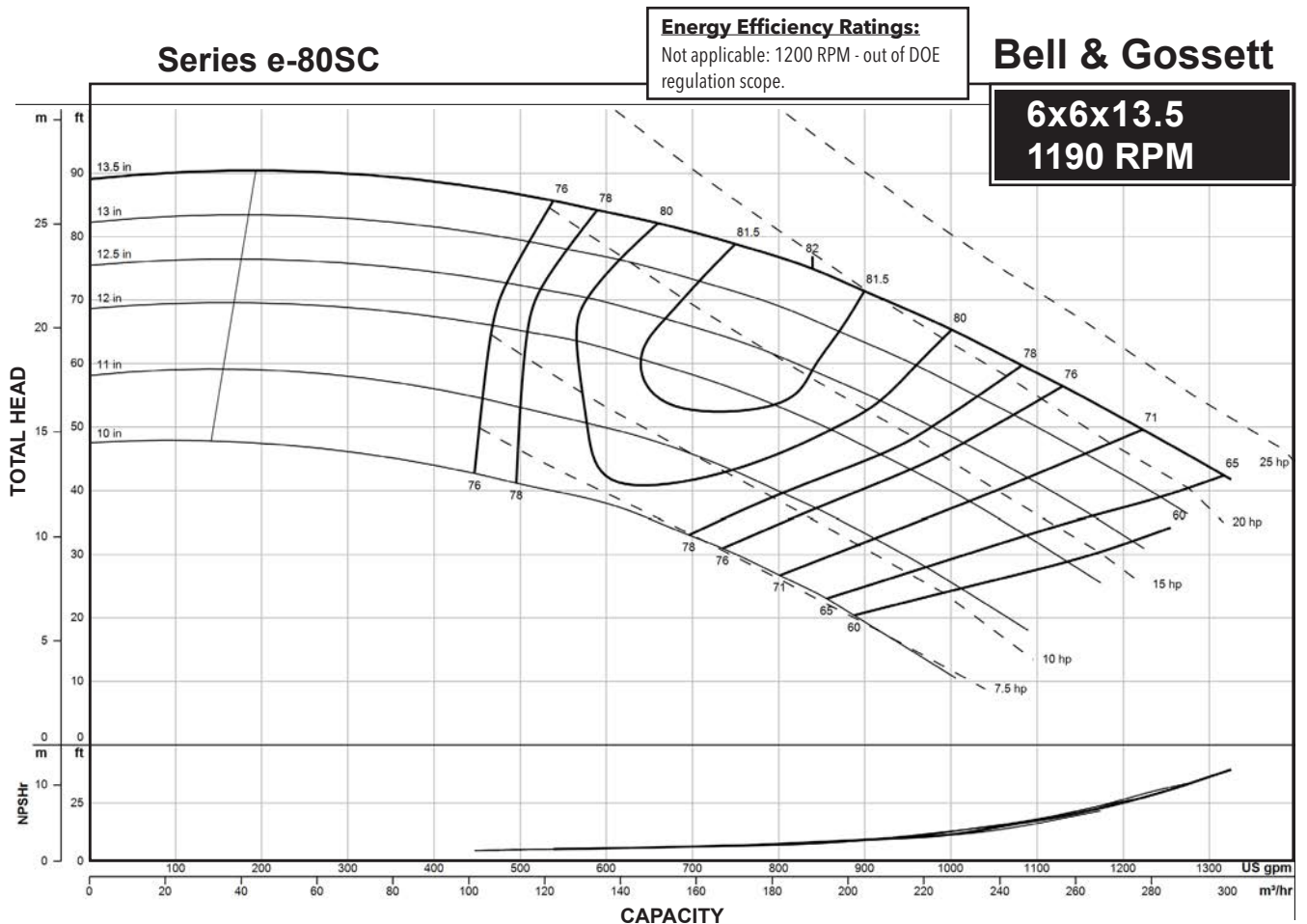
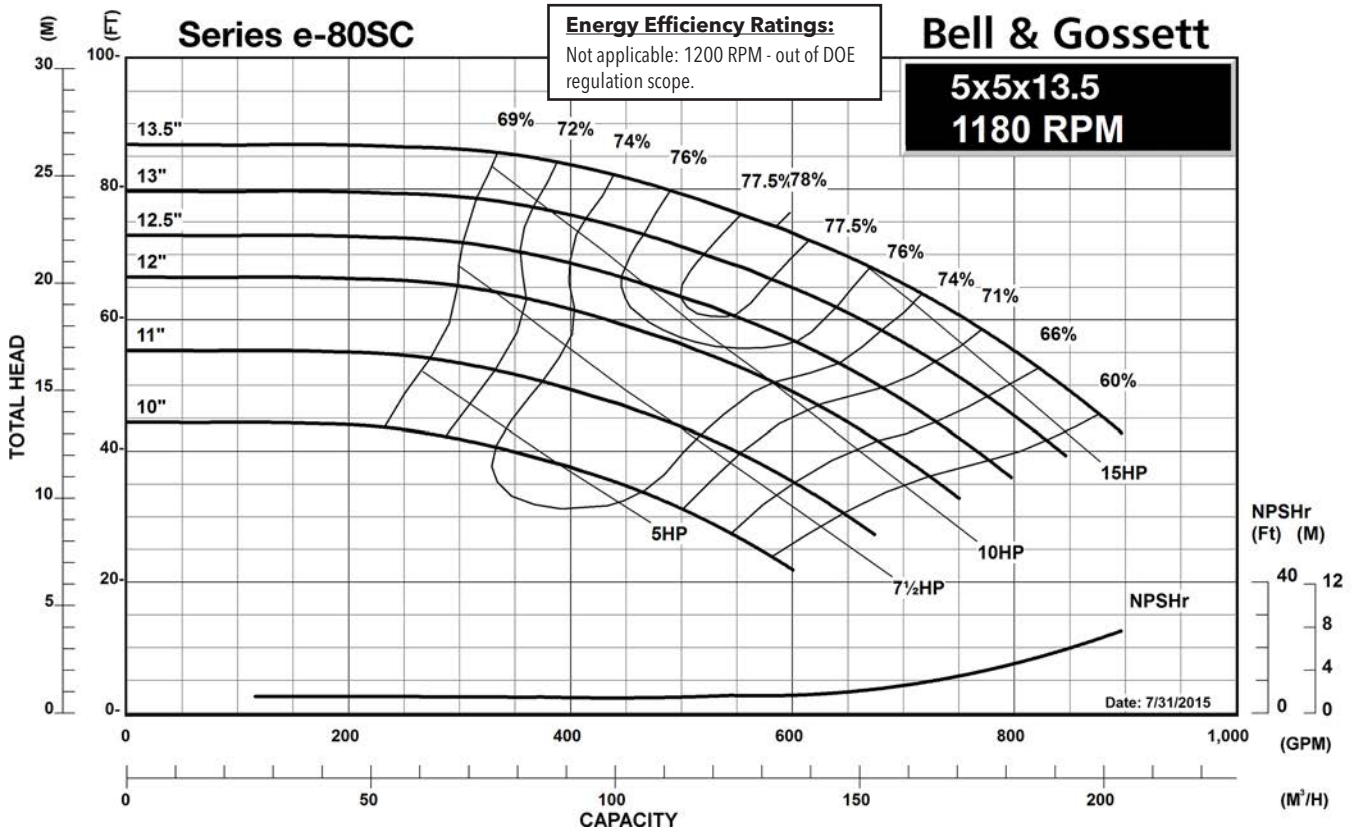


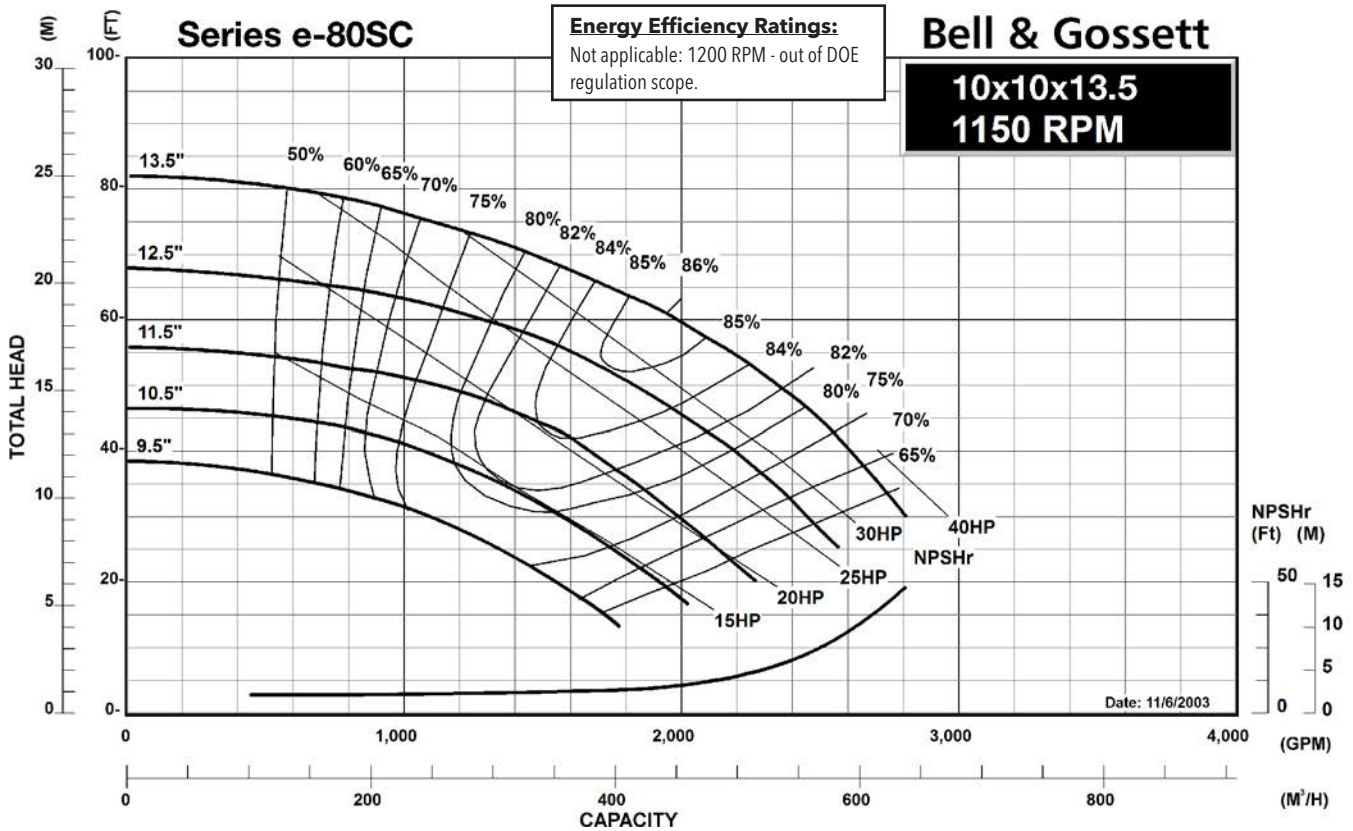
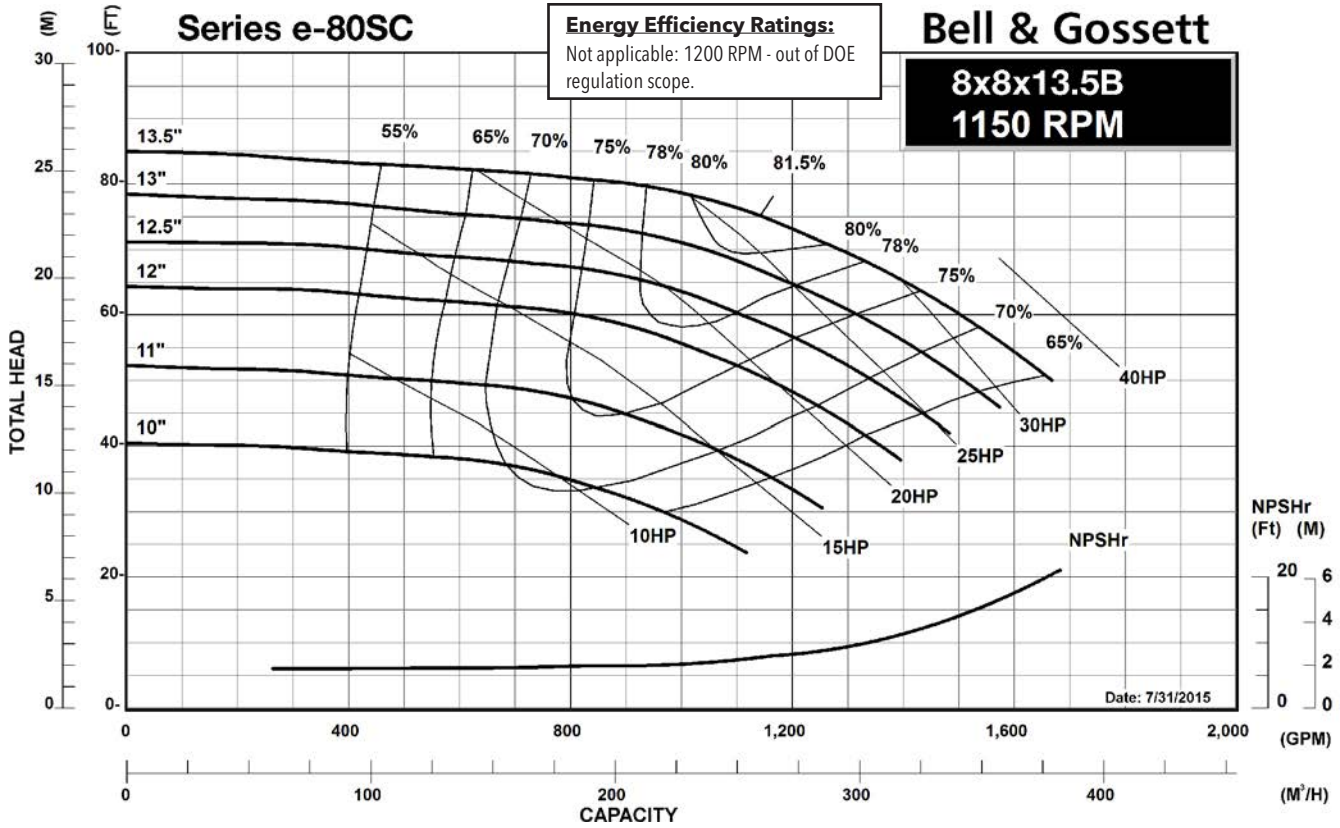
# Series e-80SC

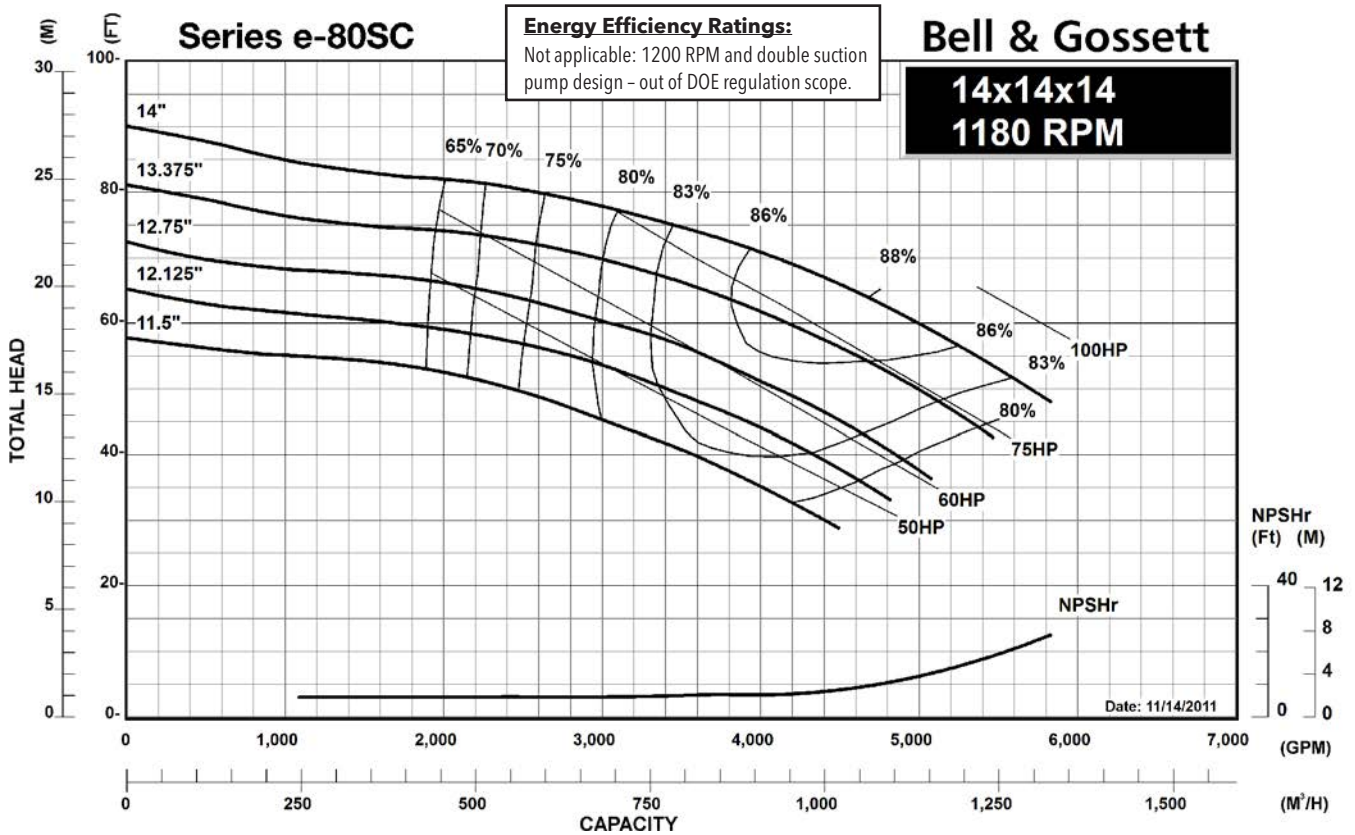
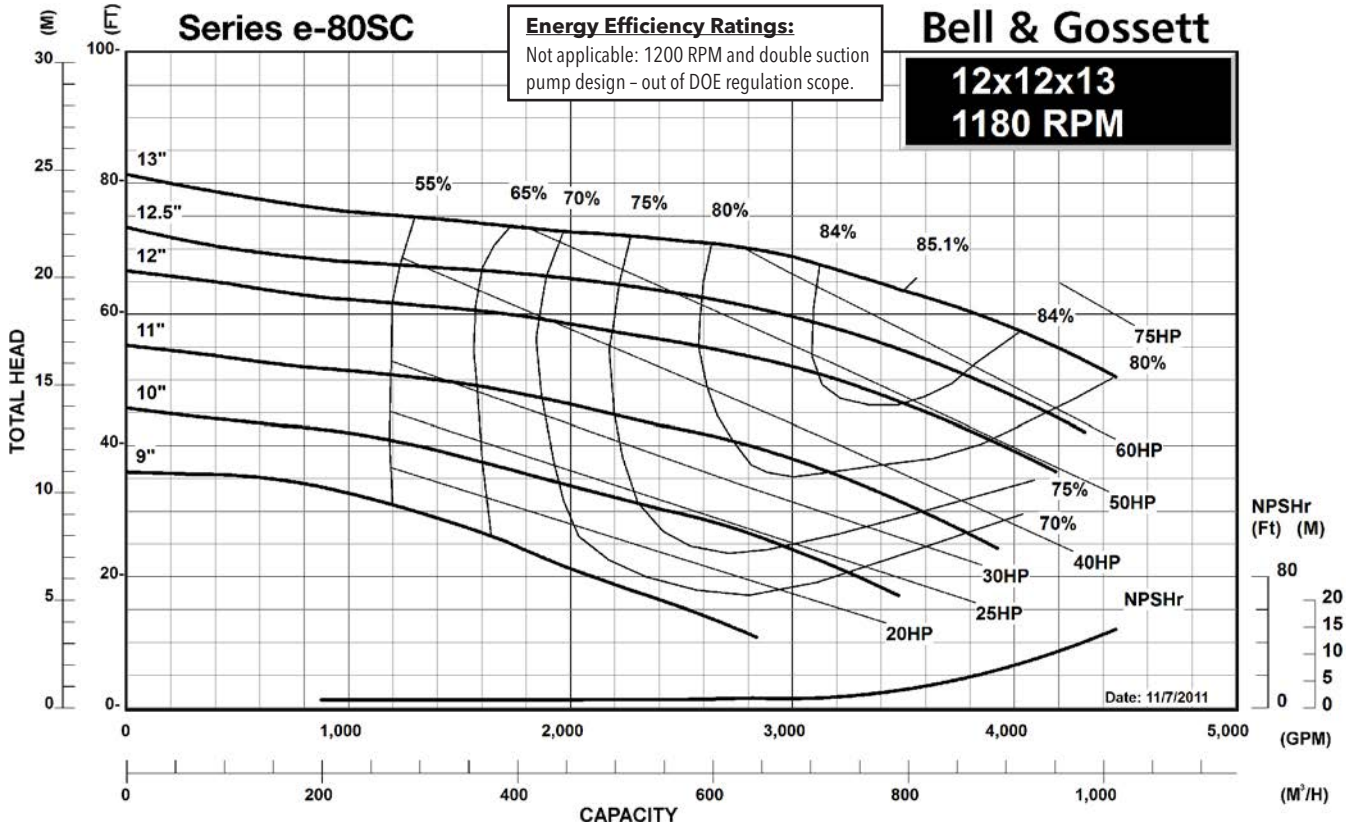
# 1200 RPM PUMP CURVES

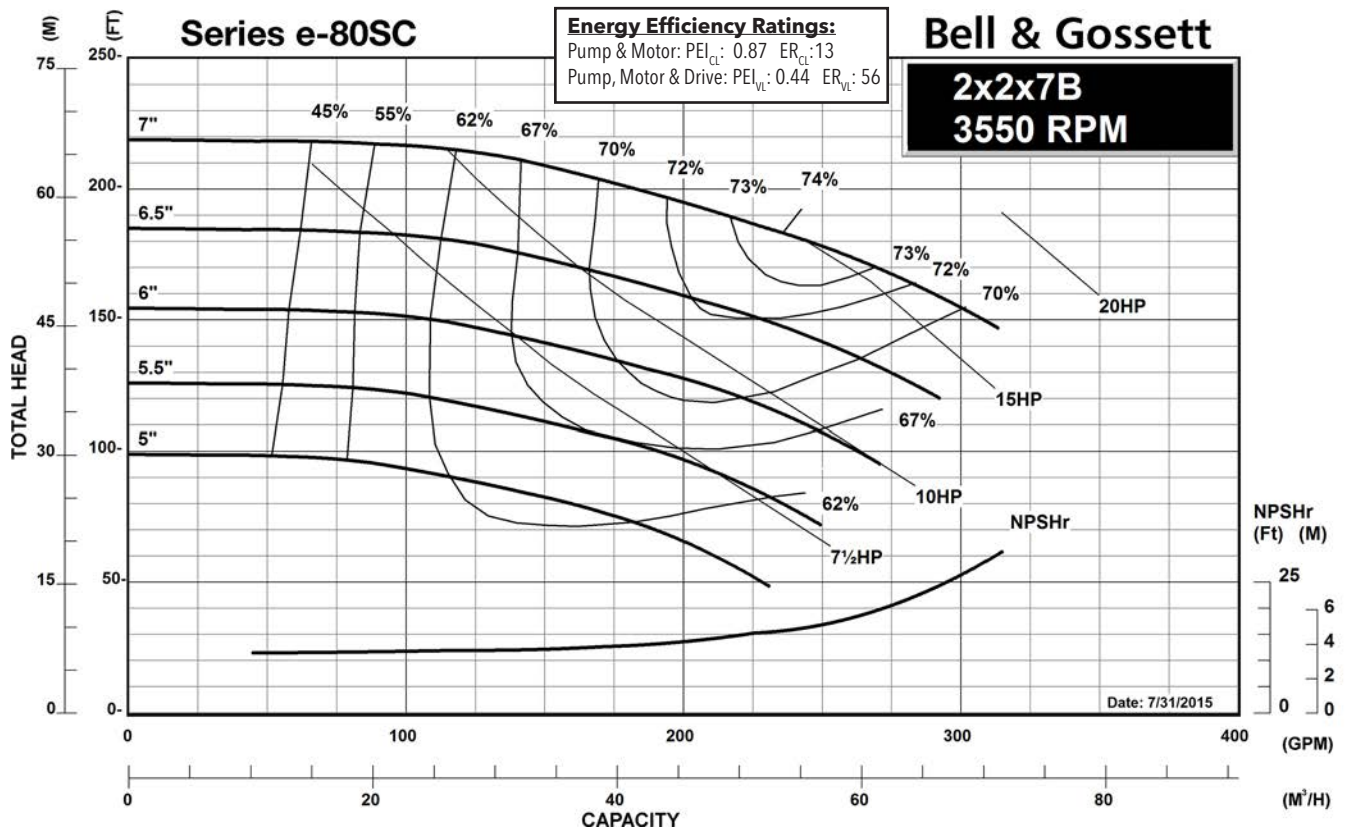
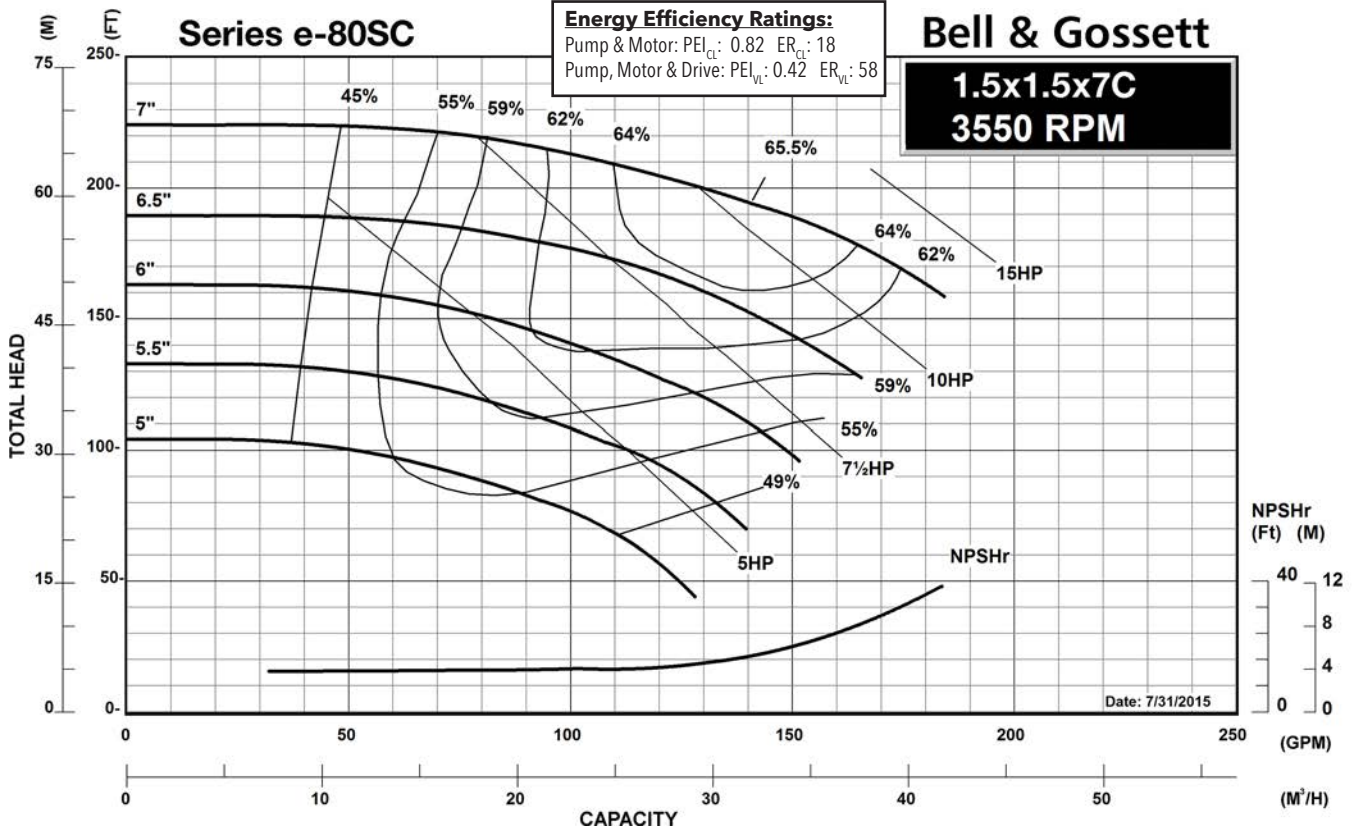
**Bell & Gossett**

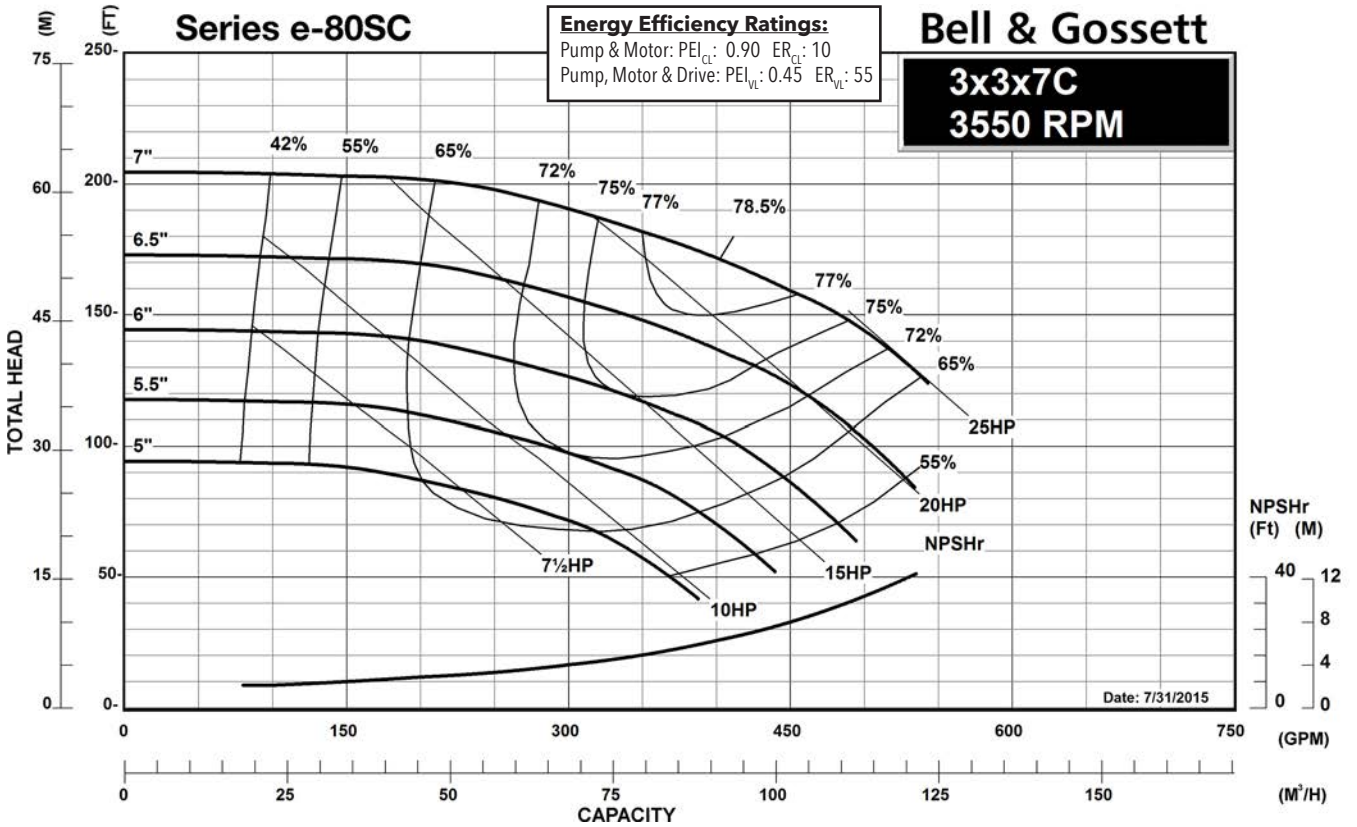
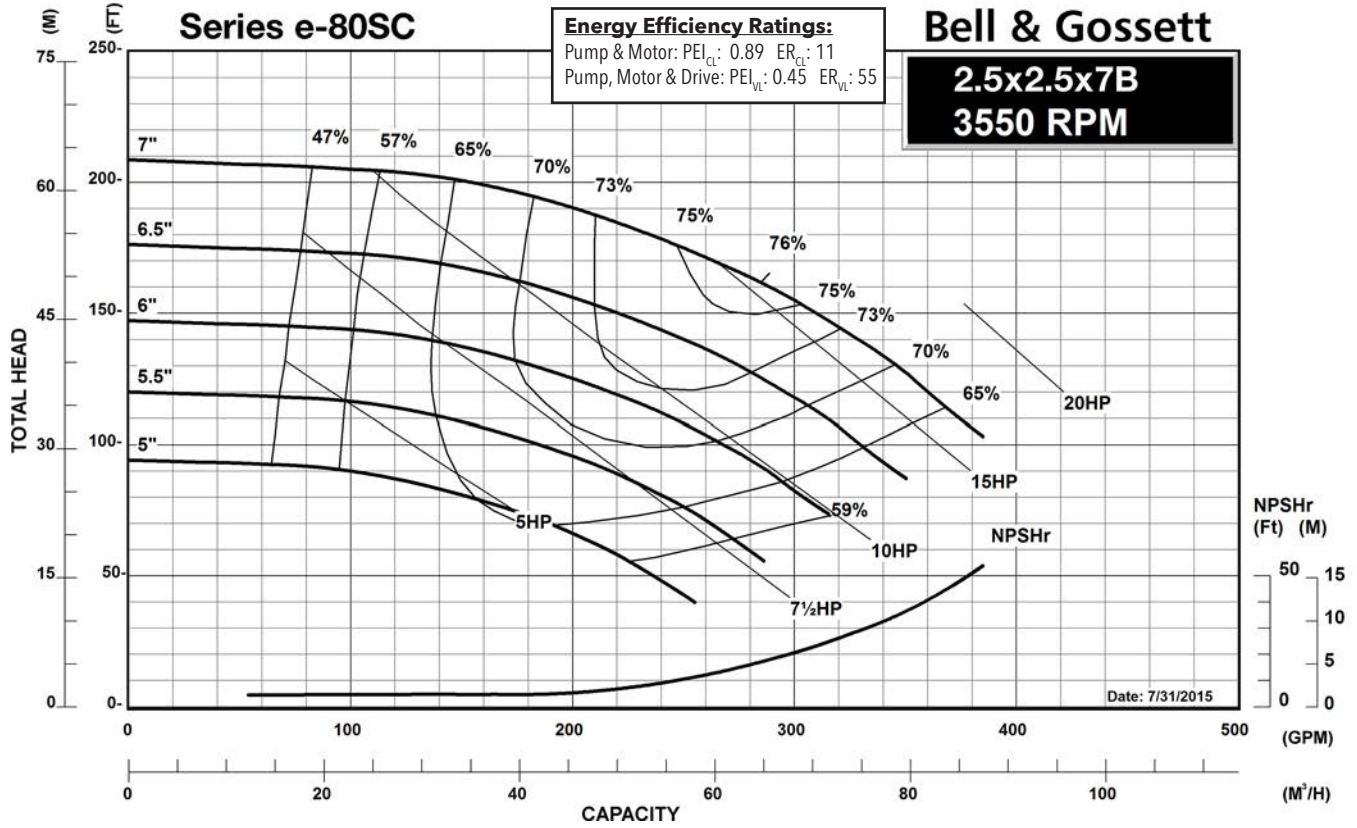


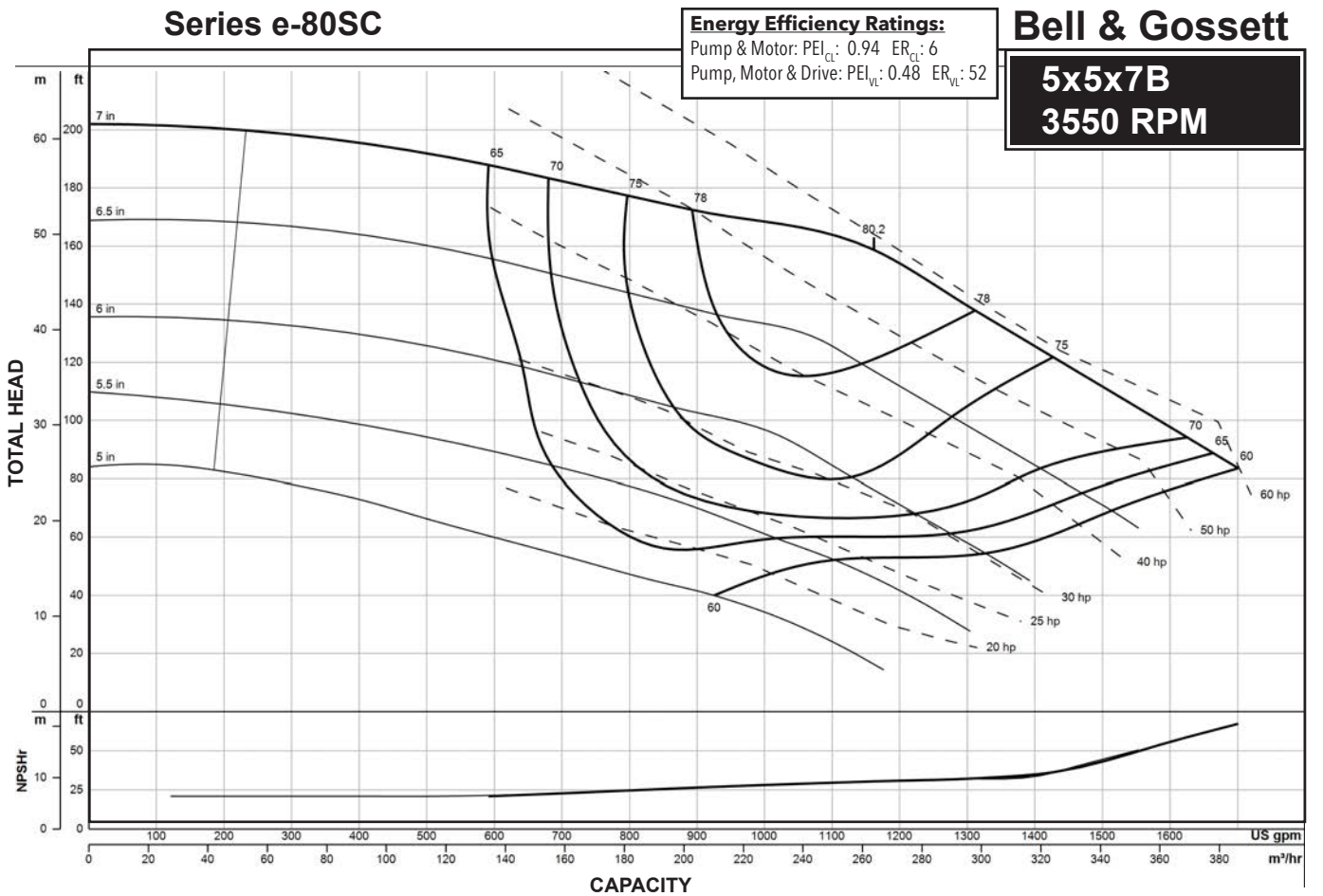
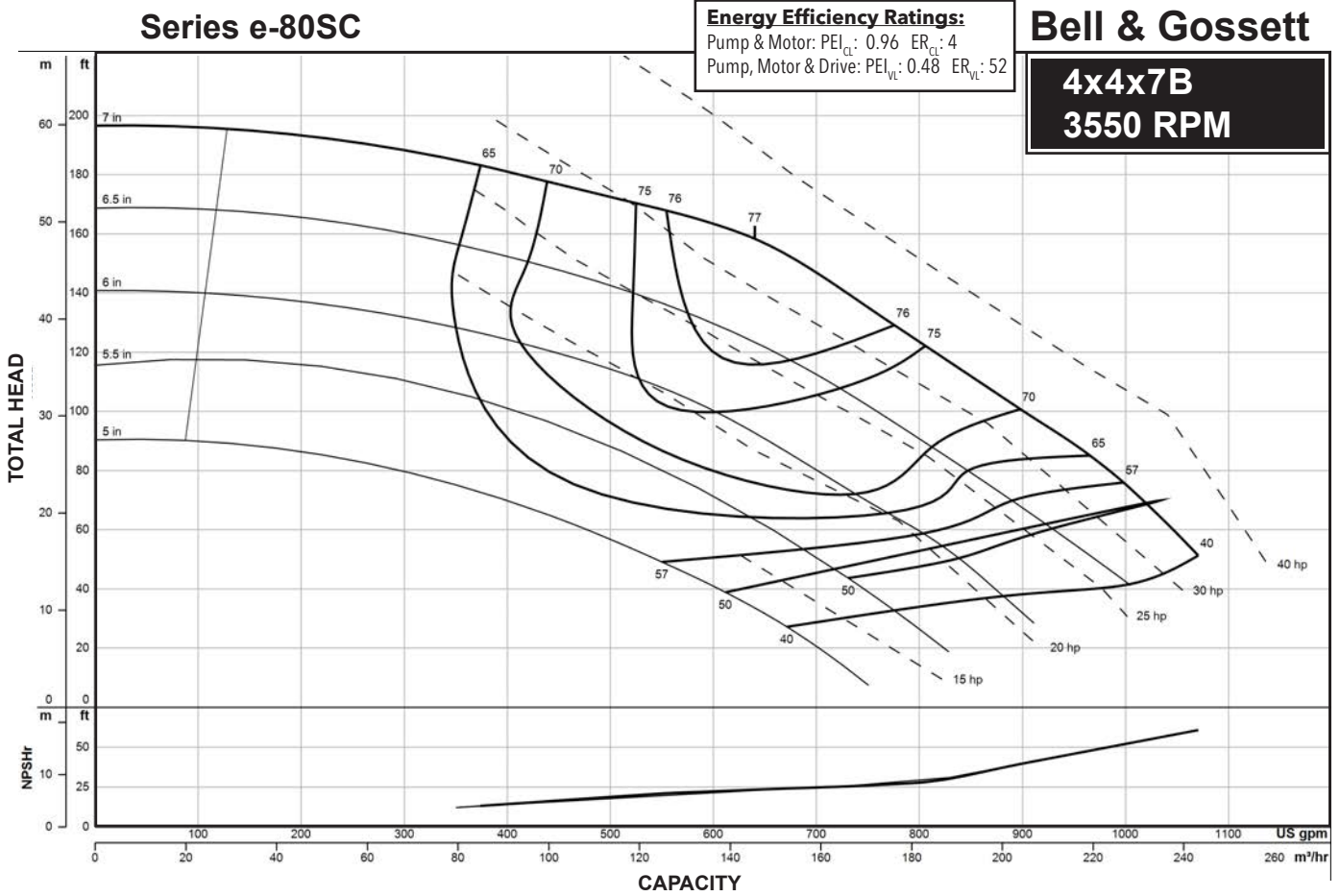


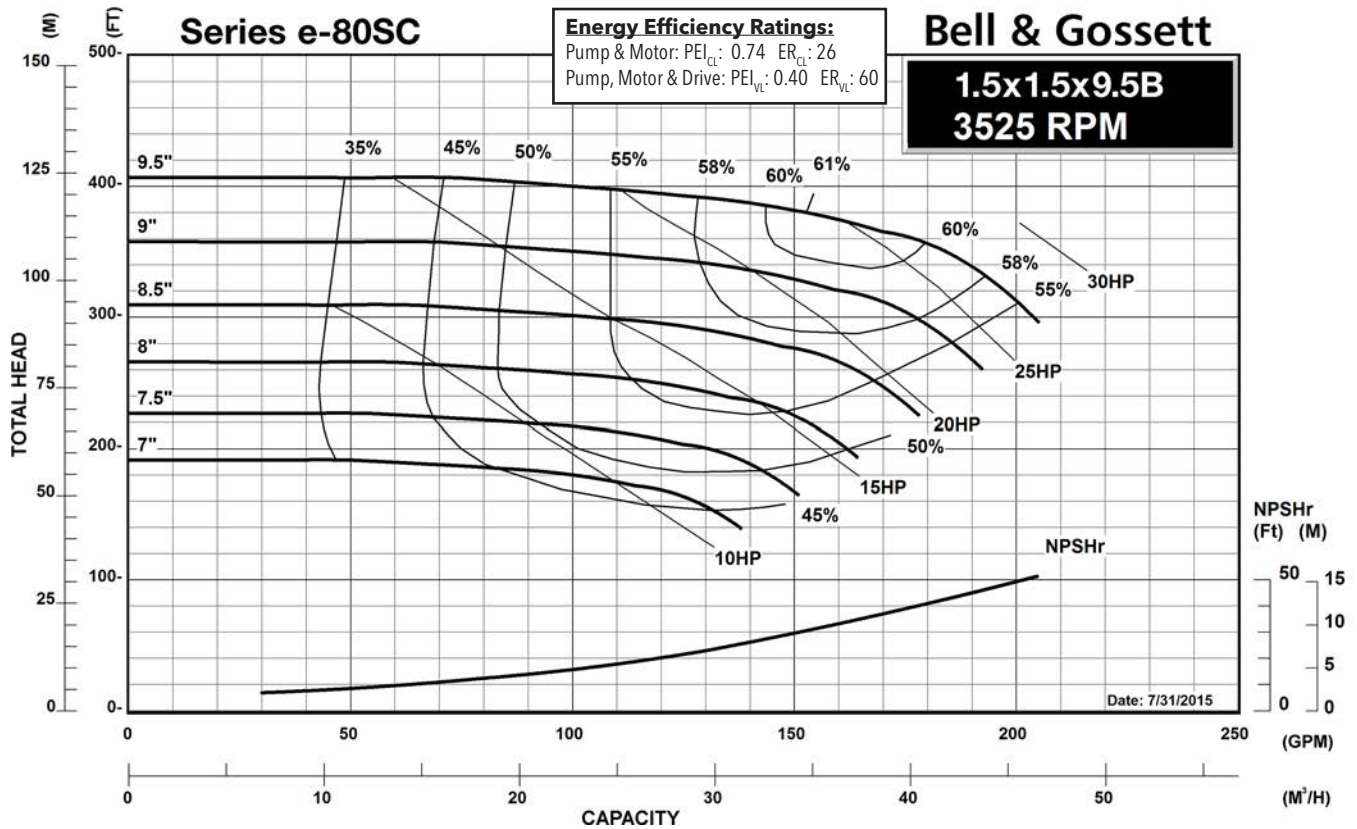
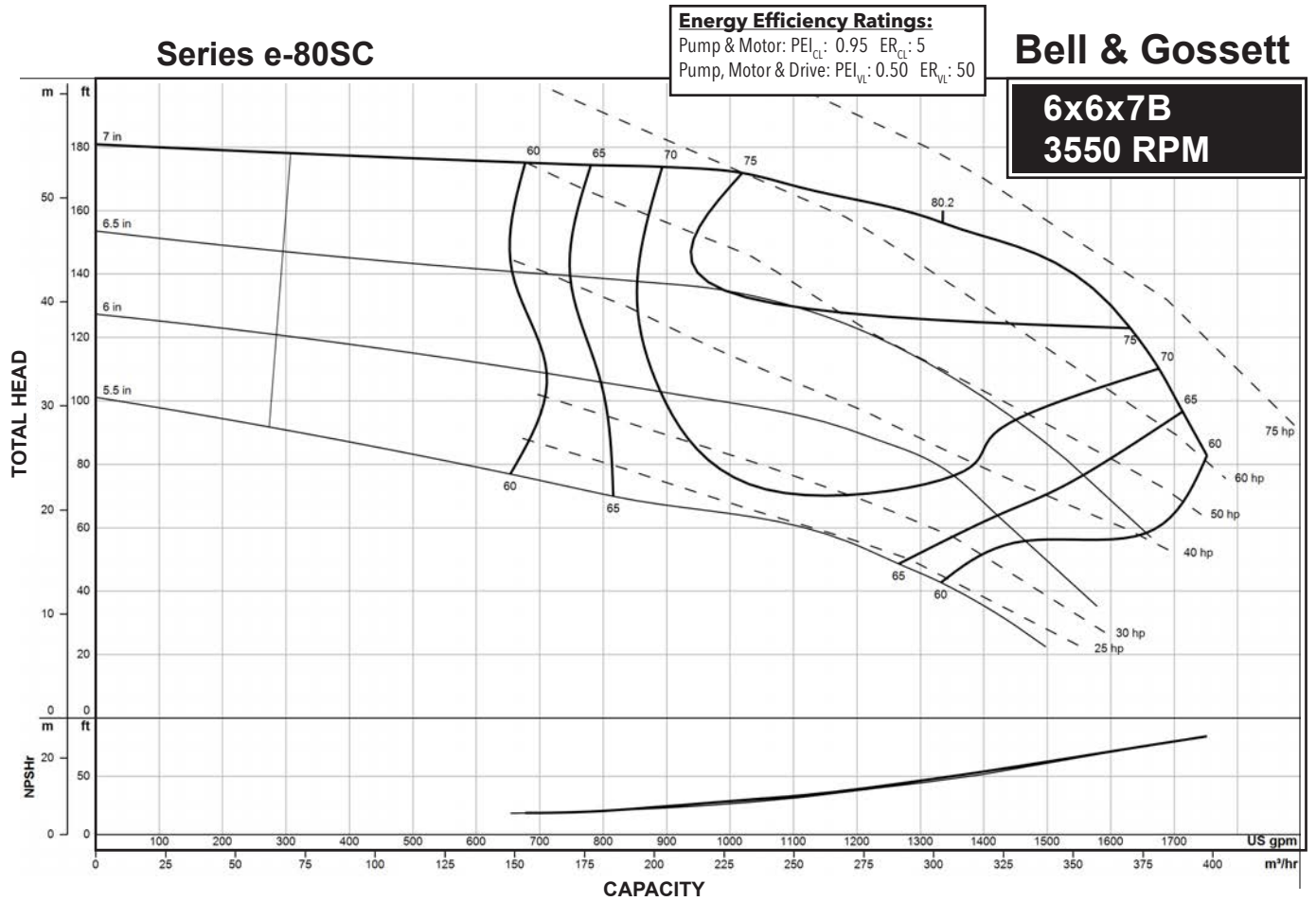












# Series e-80SC

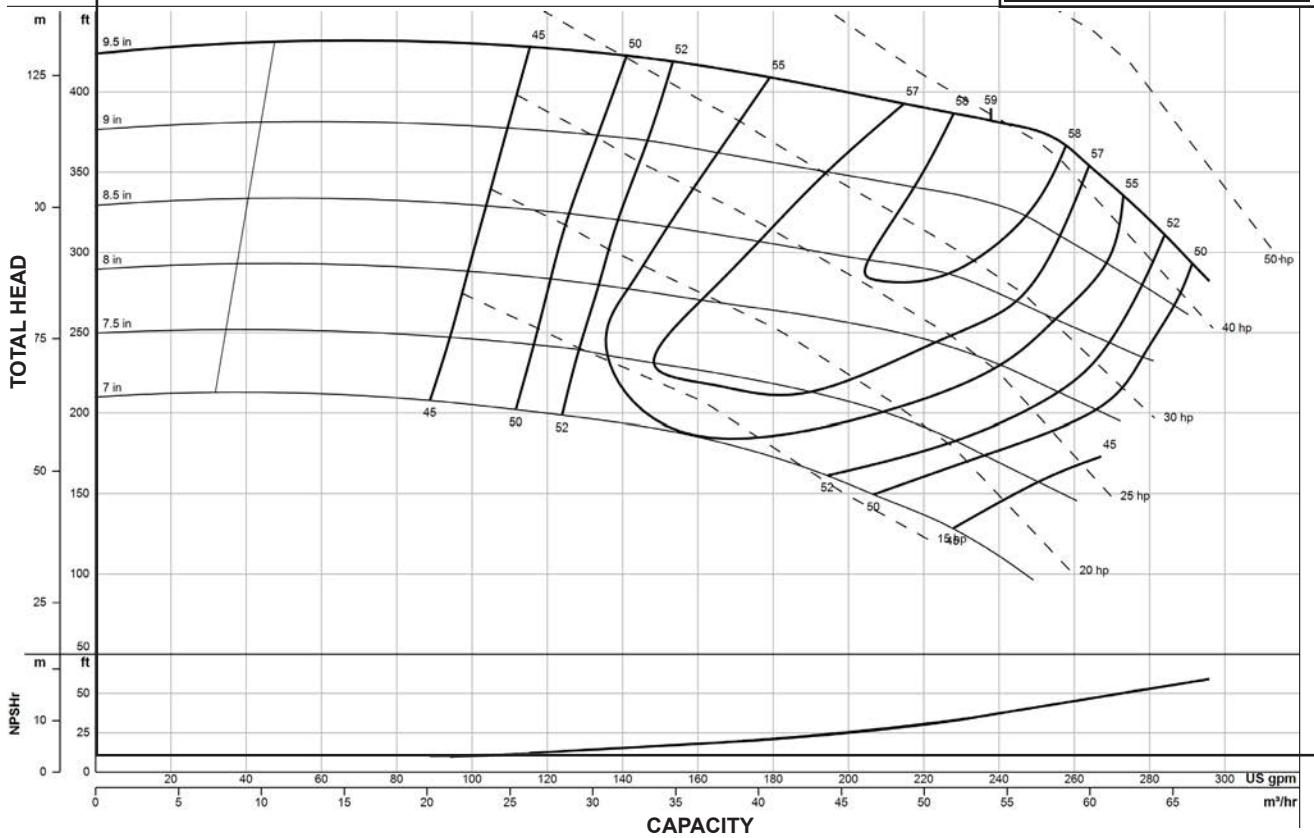
# 3600 RPM PUMP CURVES

## Series e-80SC

## Bell & Gossett

**Energy Efficiency Ratings:**  
 Pump & Motor: PE<sub>CL</sub>: 0.89 ER<sub>CL</sub>: 11  
 Pump, Motor & Drive: PE<sub>VL</sub>: 0.45 ER<sub>VL</sub>: 55

**2x2x9.5C  
3550 RPM**

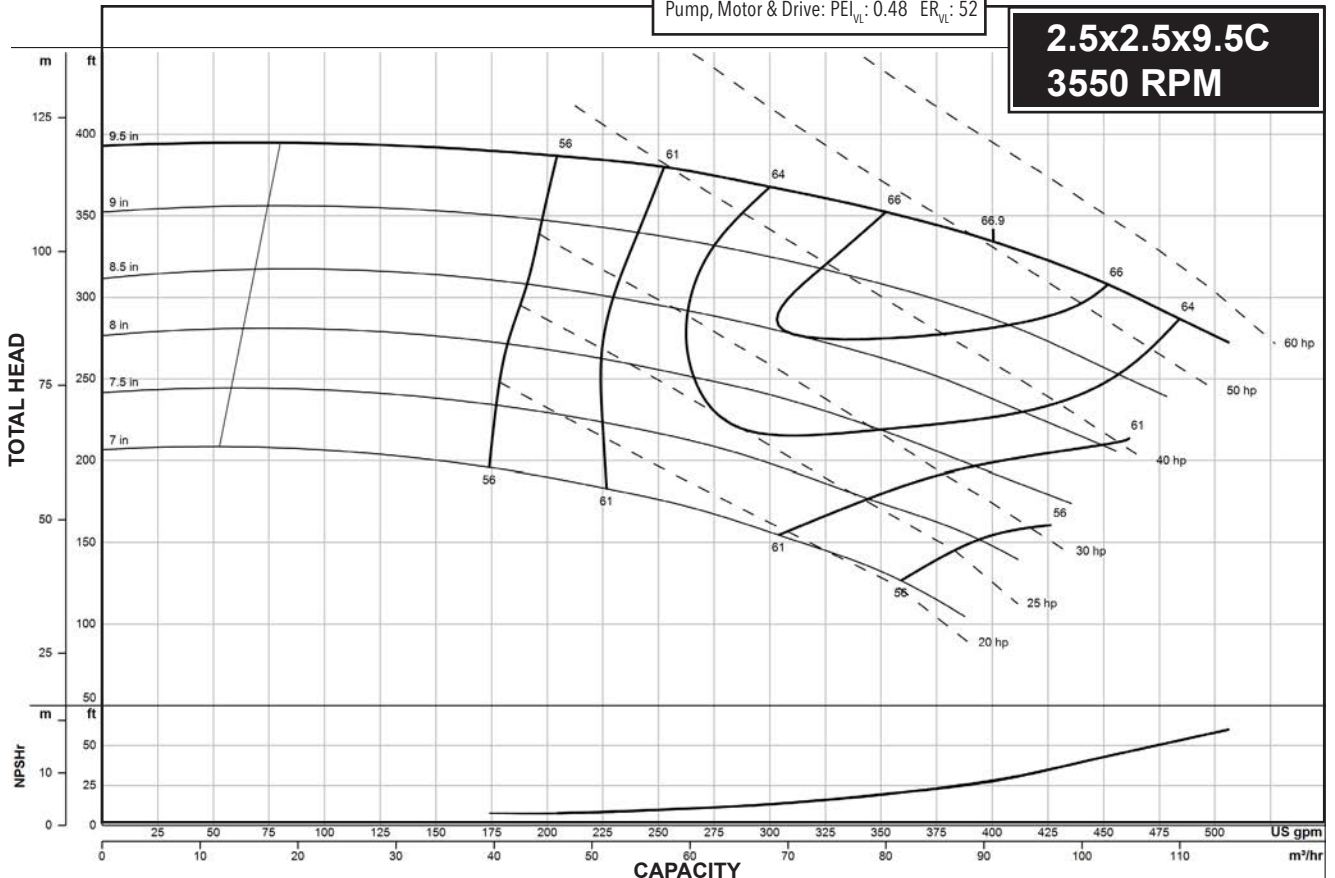


## Series e-80SC

## Bell & Gossett

**Energy Efficiency Ratings:**  
 Pump & Motor: PE<sub>CL</sub>: 0.94 ER<sub>CL</sub>: 6  
 Pump, Motor & Drive: PE<sub>VL</sub>: 0.48 ER<sub>VL</sub>: 52

**2.5x2.5x9.5C  
3550 RPM**



# 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](http://www.xylem.com)**

We value your feedback. Please take our 3 question survey at **[bellgossett.com/survey](http://bellgossett.com/survey)** to let us know how we are doing.



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