

Bomba higiénica

Vitacast / Vitacast Bloc

Folleto de curvas características



Aviso legal

Folleto de curvas características Vitacast / Vitacast Bloc

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Bomba higiénica

Bombas para la industria alimentaria y aplicaciones estériles

Vitacast, Vitacast-Bloc



General

Nivel de aceptación: curvas características según ISO 9906 clase 3B

Valores NPSH

Los valores indicados en las curvas características corresponden a una caída de la altura del 3 %.

Valor NPSH en el área de carga parcial

Los valores NPSH para caudales de bombeo menores de $Q = 0,3 \times Q_{opt}$ solo se pueden medir con un consumo muy alto. No se considera la verificación de los valores NPSH en el área de carga parcial.

Densidad del fluido de bombeo

Las alturas de bombeo y las indicaciones de potencia son válidas para fluidos de bombeo con una densidad $\rho = 1,0 \text{ kg/dm}^3$ y una viscosidad cinemática ν de hasta máx. $20 \text{ mm}^2/\text{s}$. Si la densidad $\neq 1,0$, se debe multiplicar la indicación de potencia por ρ . En caso de viscosidades $>20 \text{ mm}^2/\text{s}$, se deben calcular los datos de agua fría correspondientes y determinar la influencia sobre la potencia de la bomba.

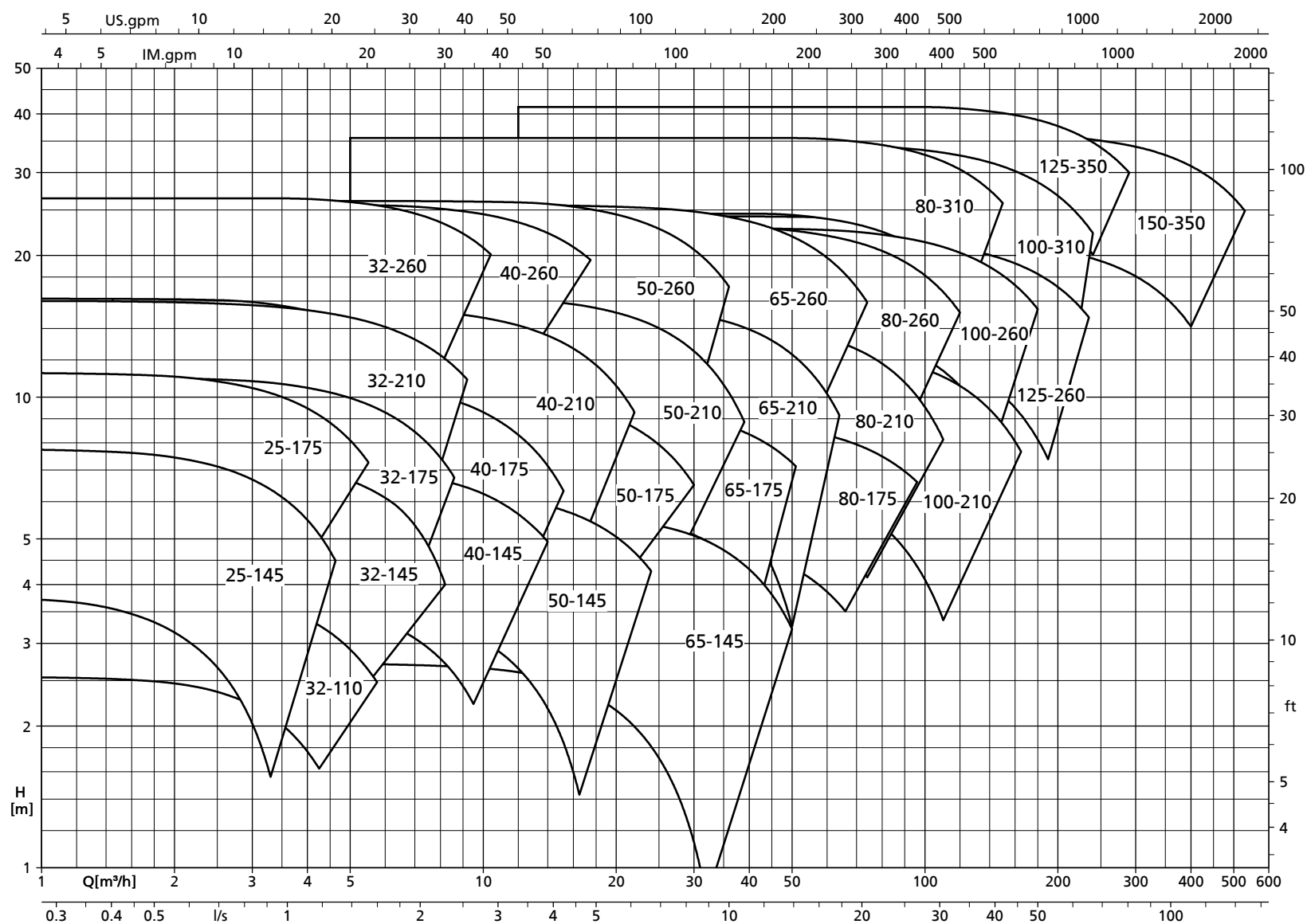
Potencia de fricción

En determinados modelos (cojinete reforzado, determinados cierres del eje) se deben tener en cuenta las potencias de fricción e indicar como potencia adicional en la hoja de datos.

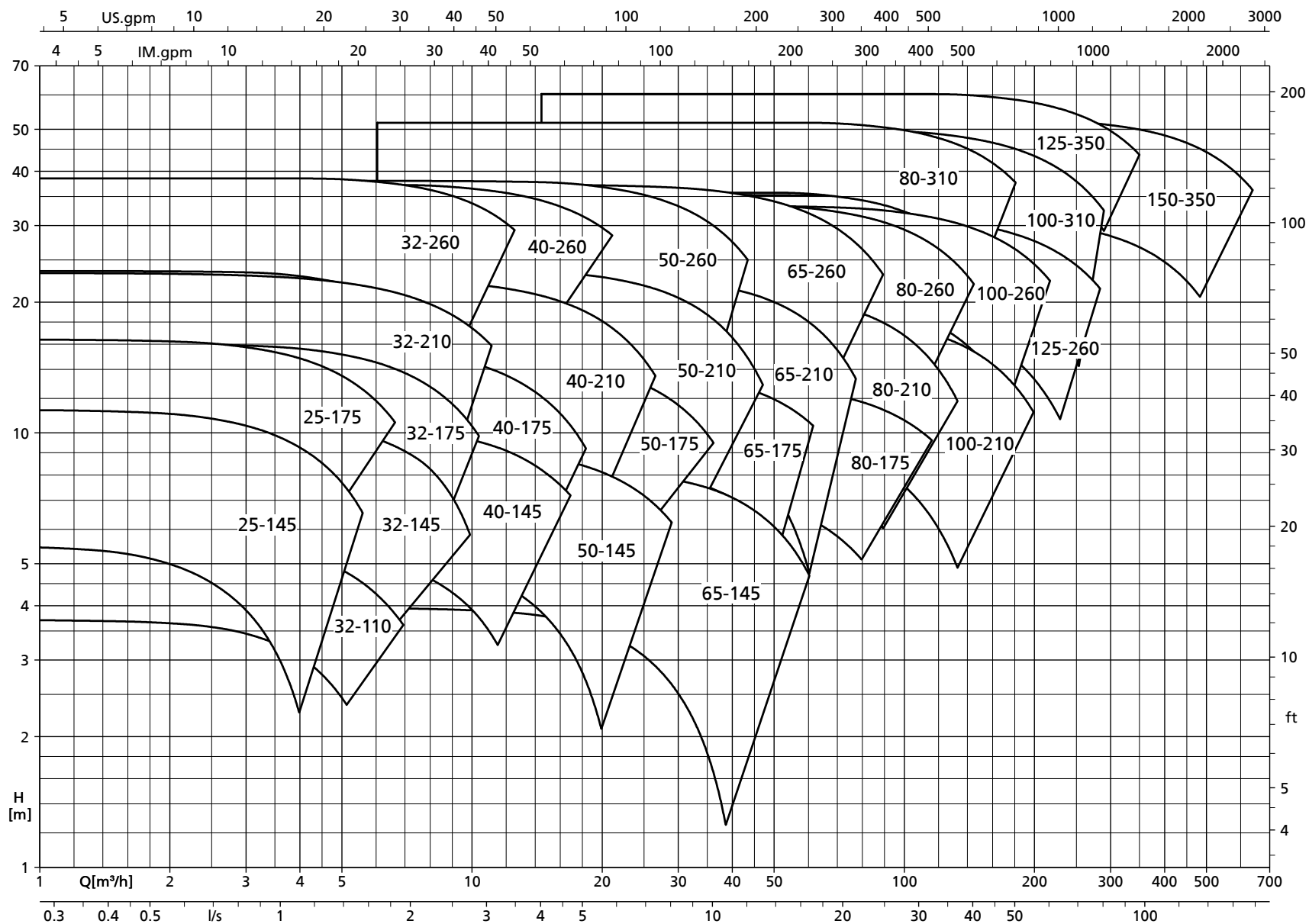
Factores de devaluación

Las curvas características son válidas para bombas con impulsores de hierro fundido o de bronce. En caso de utilizar un impulsor de fundición de acero, se deben corregir el rendimiento y la potencia de los tamaños correspondientes con los valores de devaluación indicados en las curvas características.

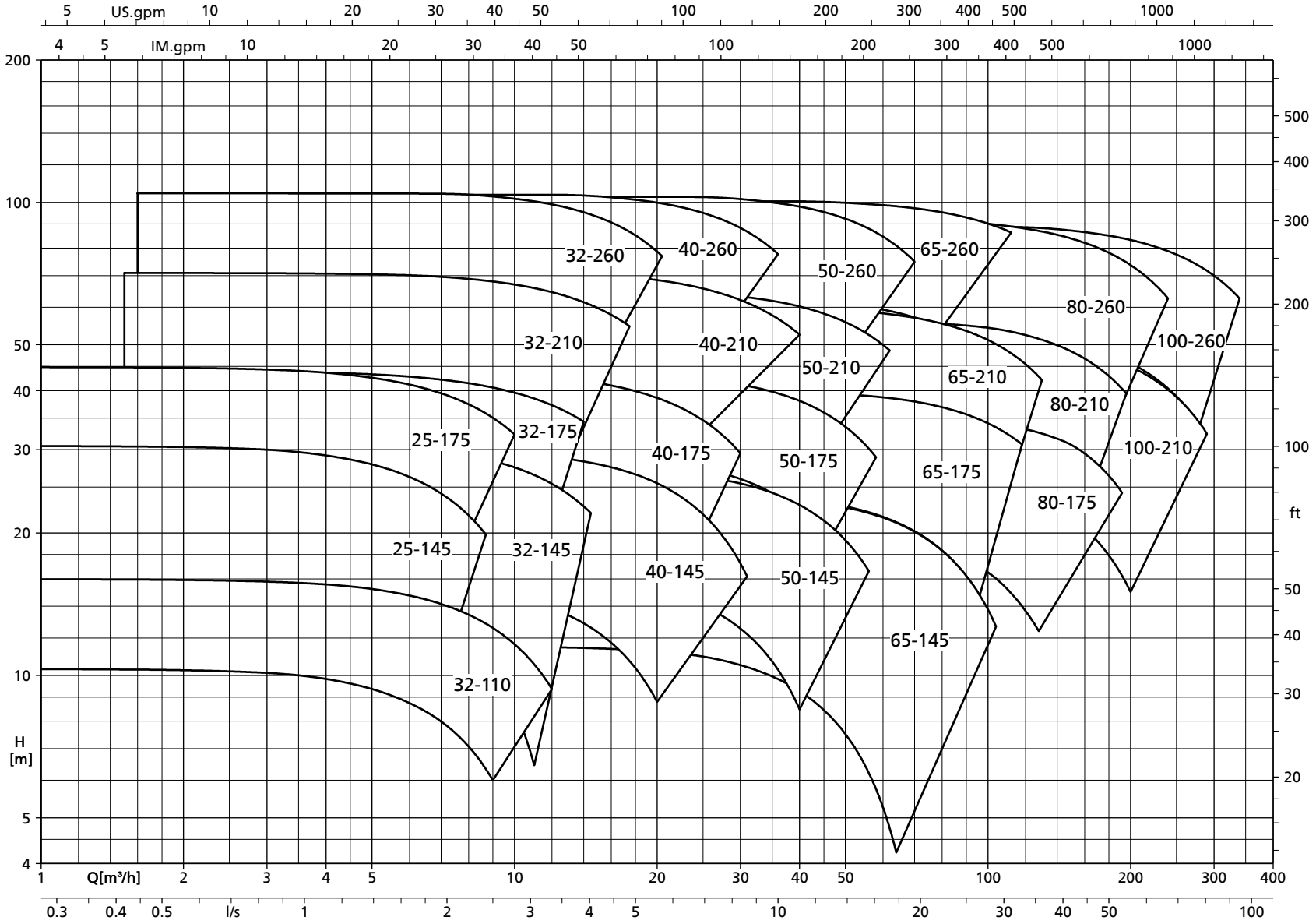
Campos característicos

Vitacast, Vitacast-Bloc, $n = 1450 \text{ rpm}$ 

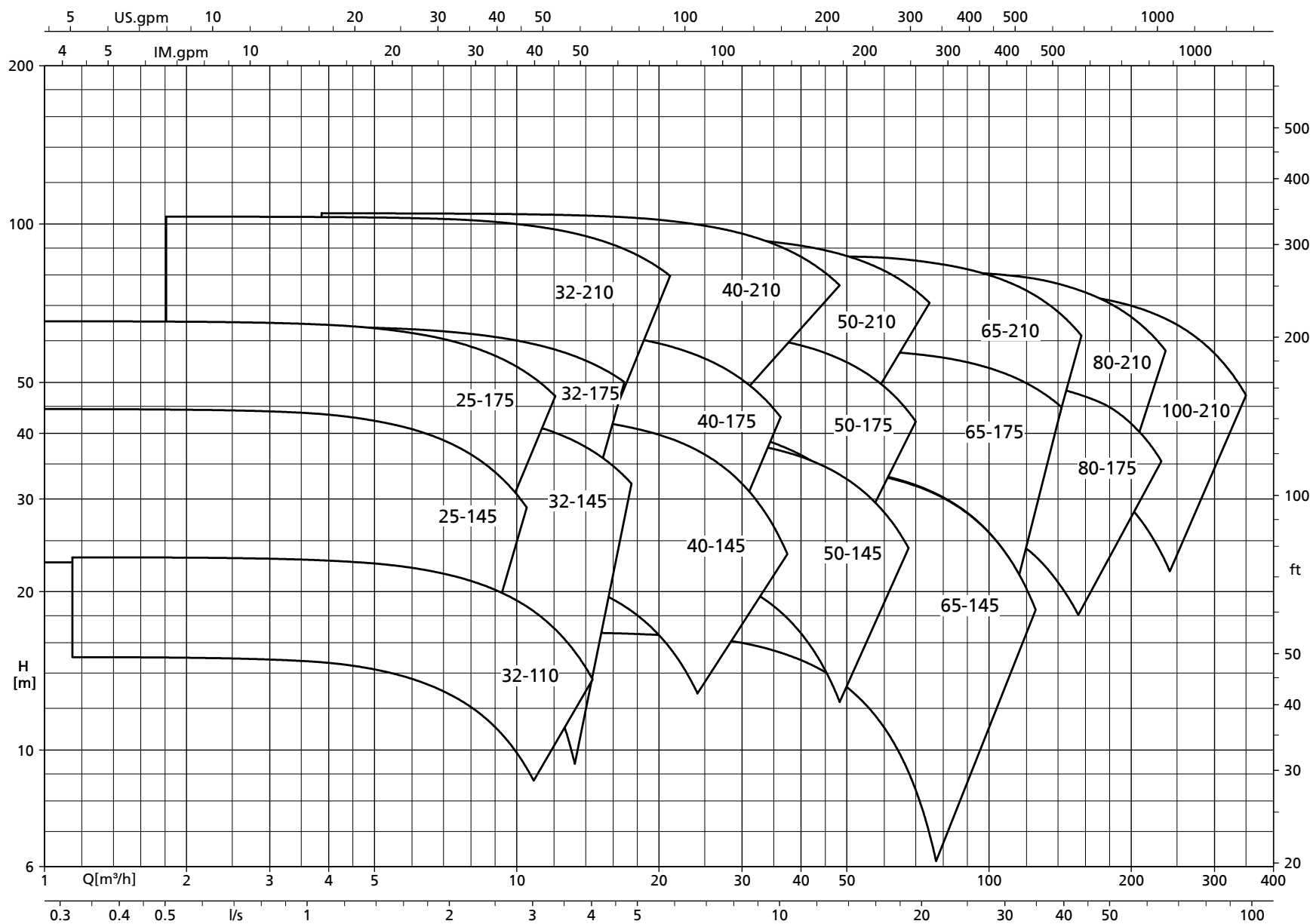
Vitacast, Vitacast-Bloc, n = 1750 rpm



Vitacast, Vitacast-Bloc, n = 2900 rpm



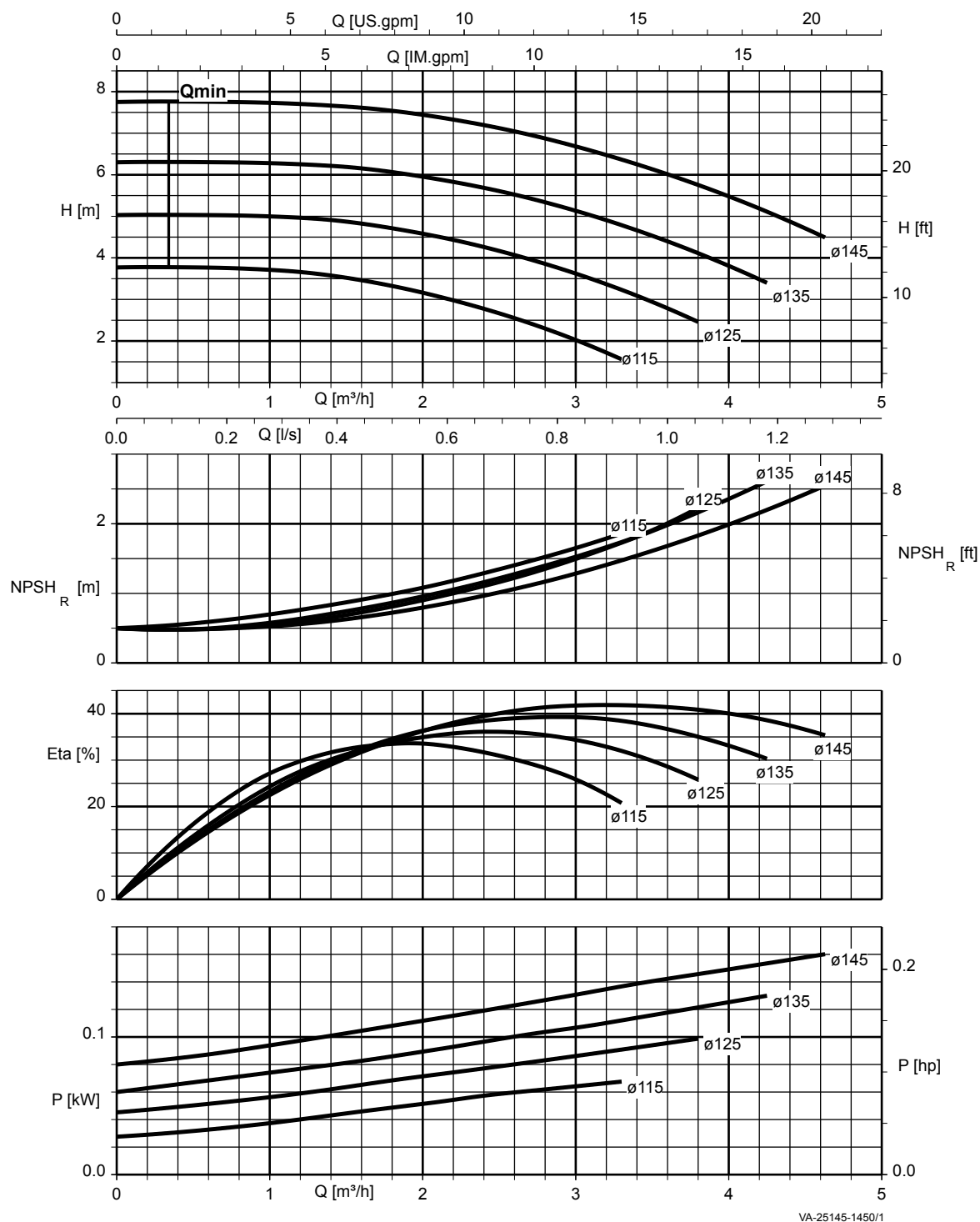
Vitacast, Vitacast-Bloc, n = 3500 rpm



Curvas características

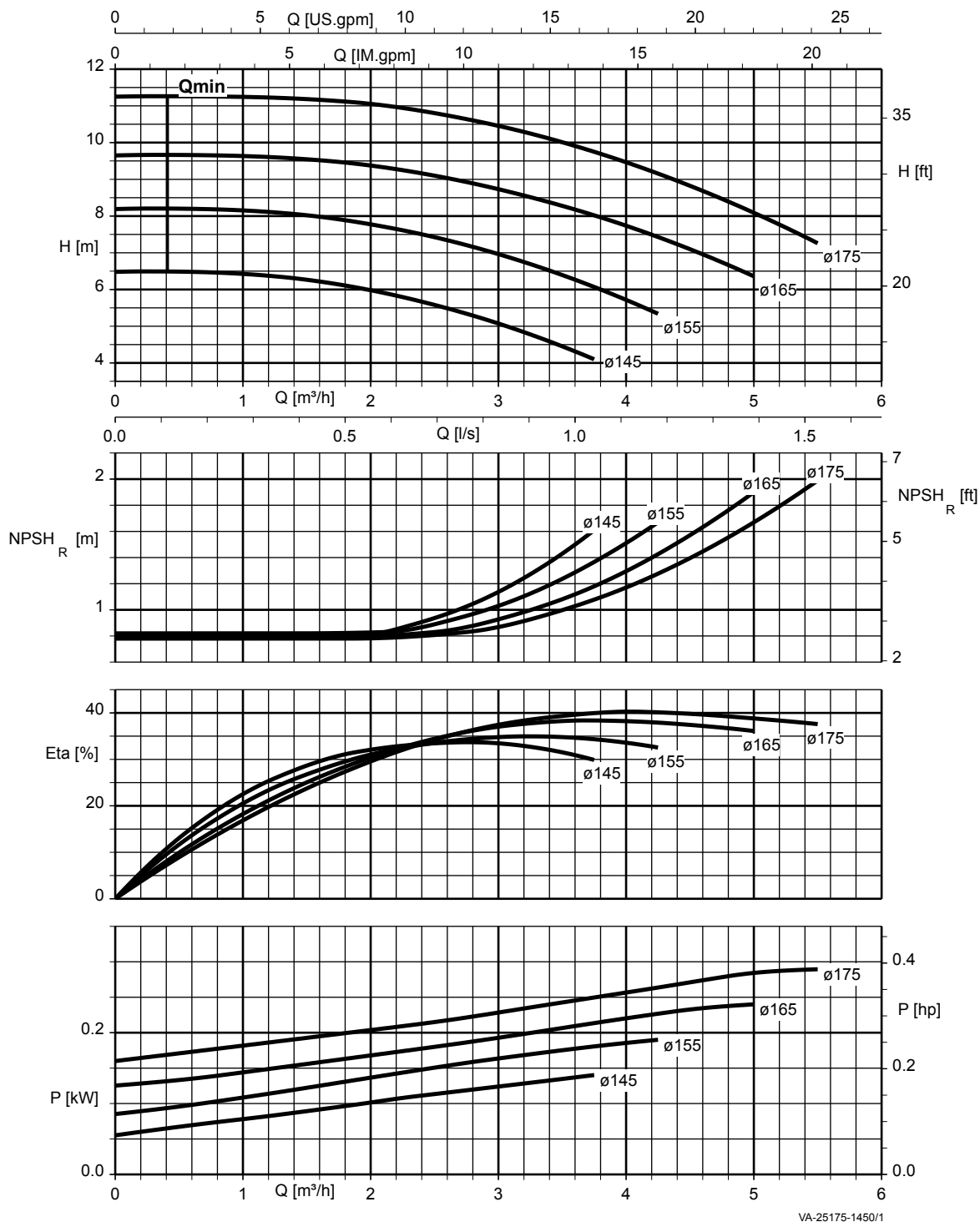
$n = 1.450 \text{ rpm}$

Vitacast 032-025-145, 1450 rpm

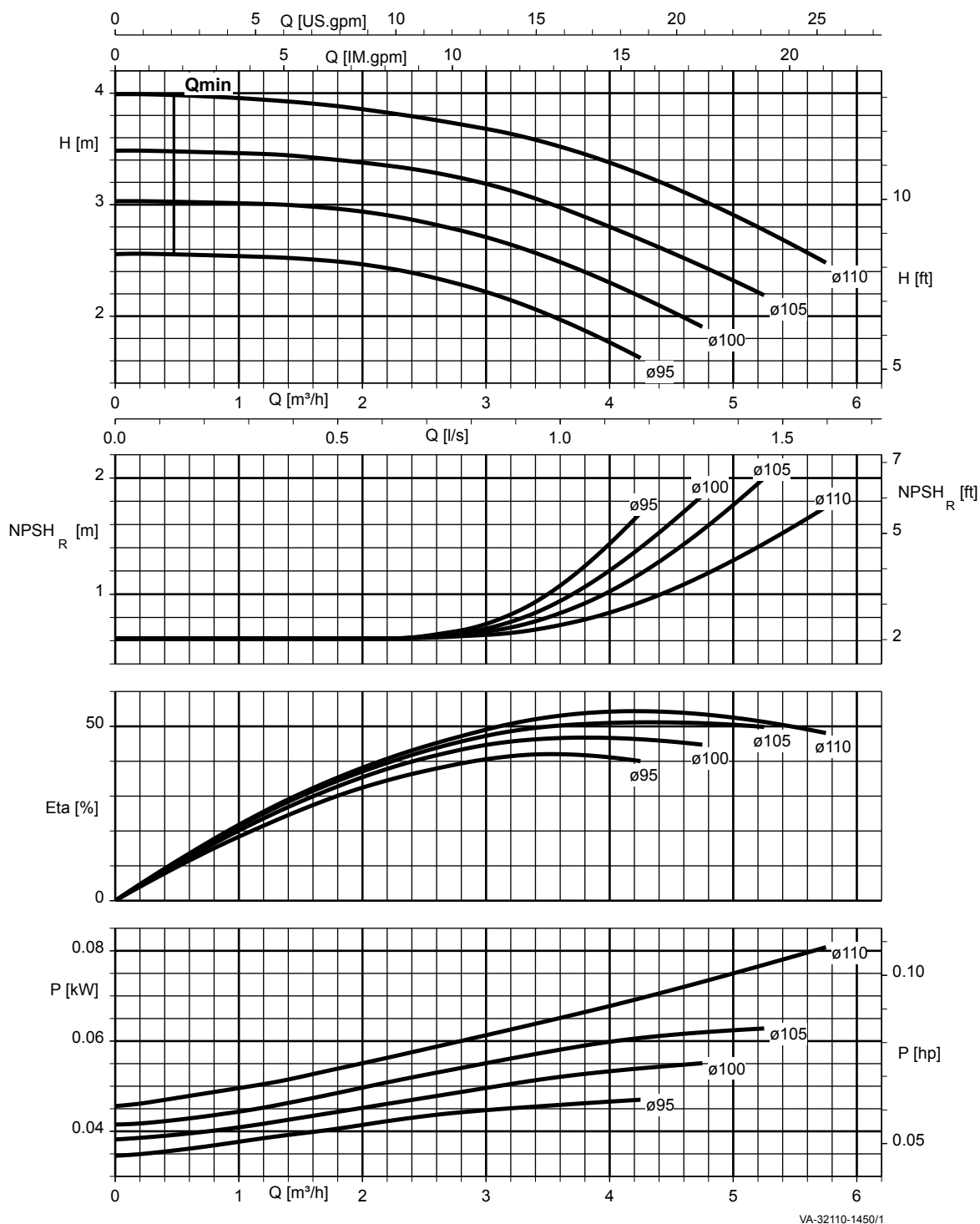


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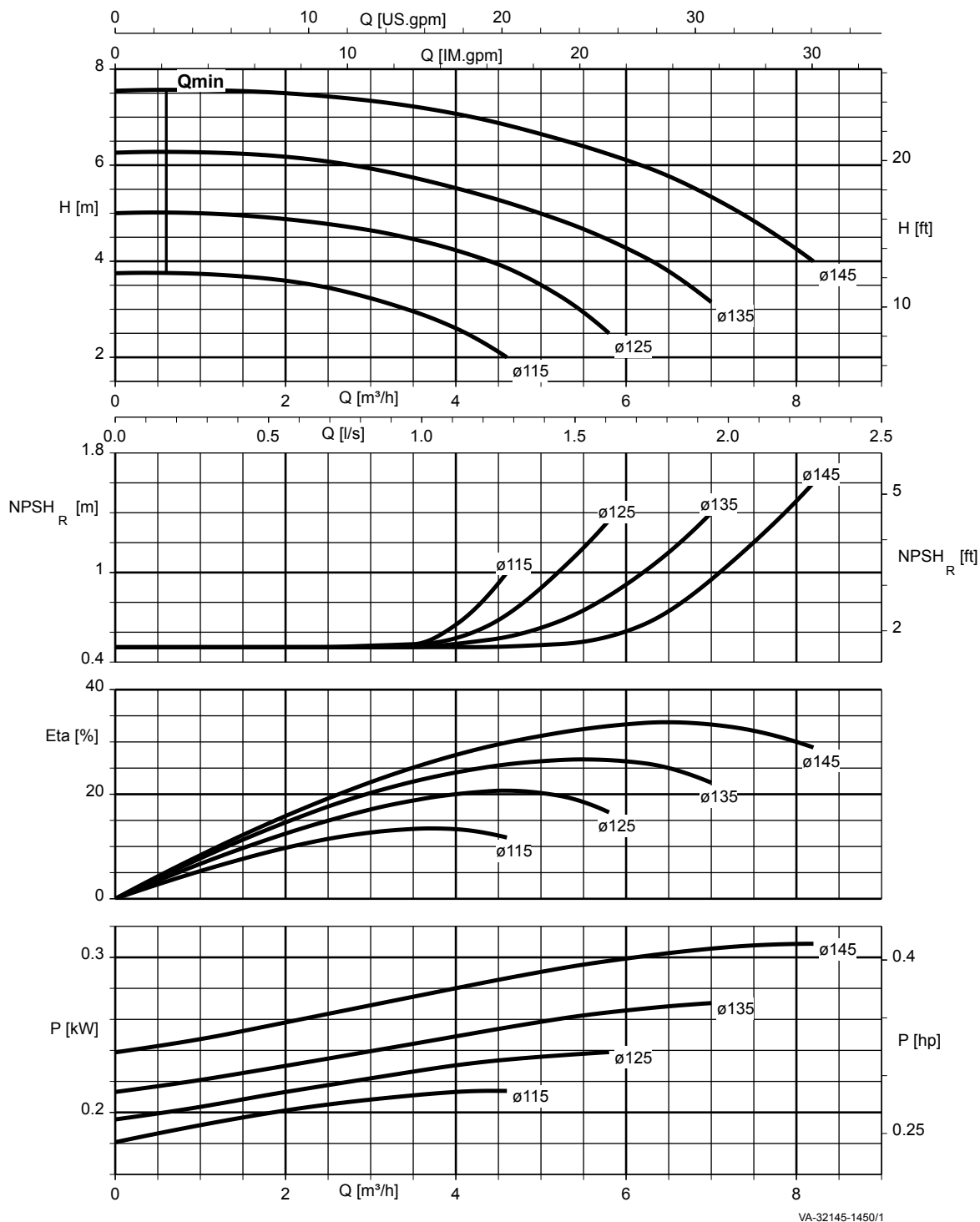
Vitacast 032-025-175, 1450 rpm



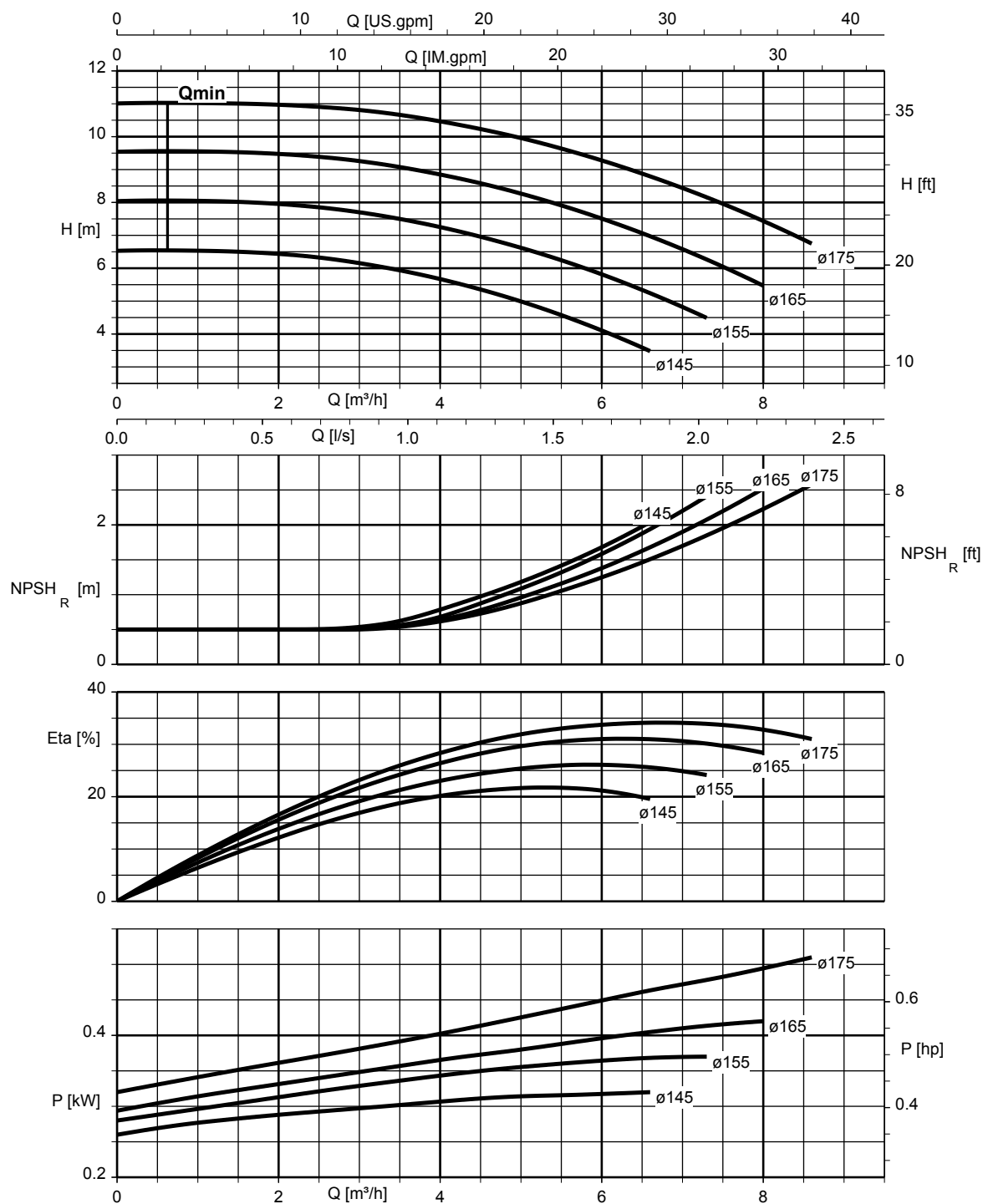
Vitacast 040-032-110, 1450 rpm



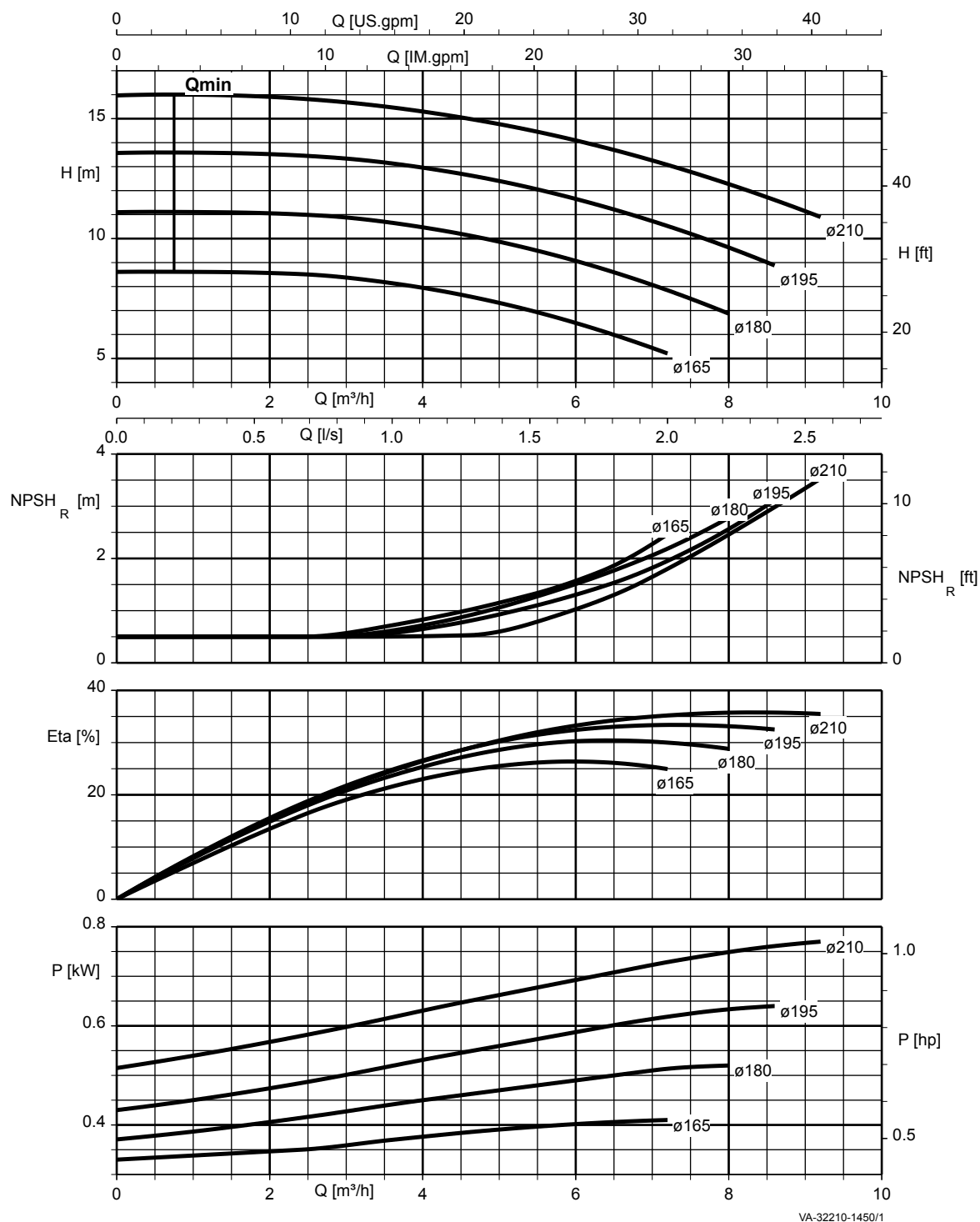
Vitacast 040-032-145, 1450 rpm



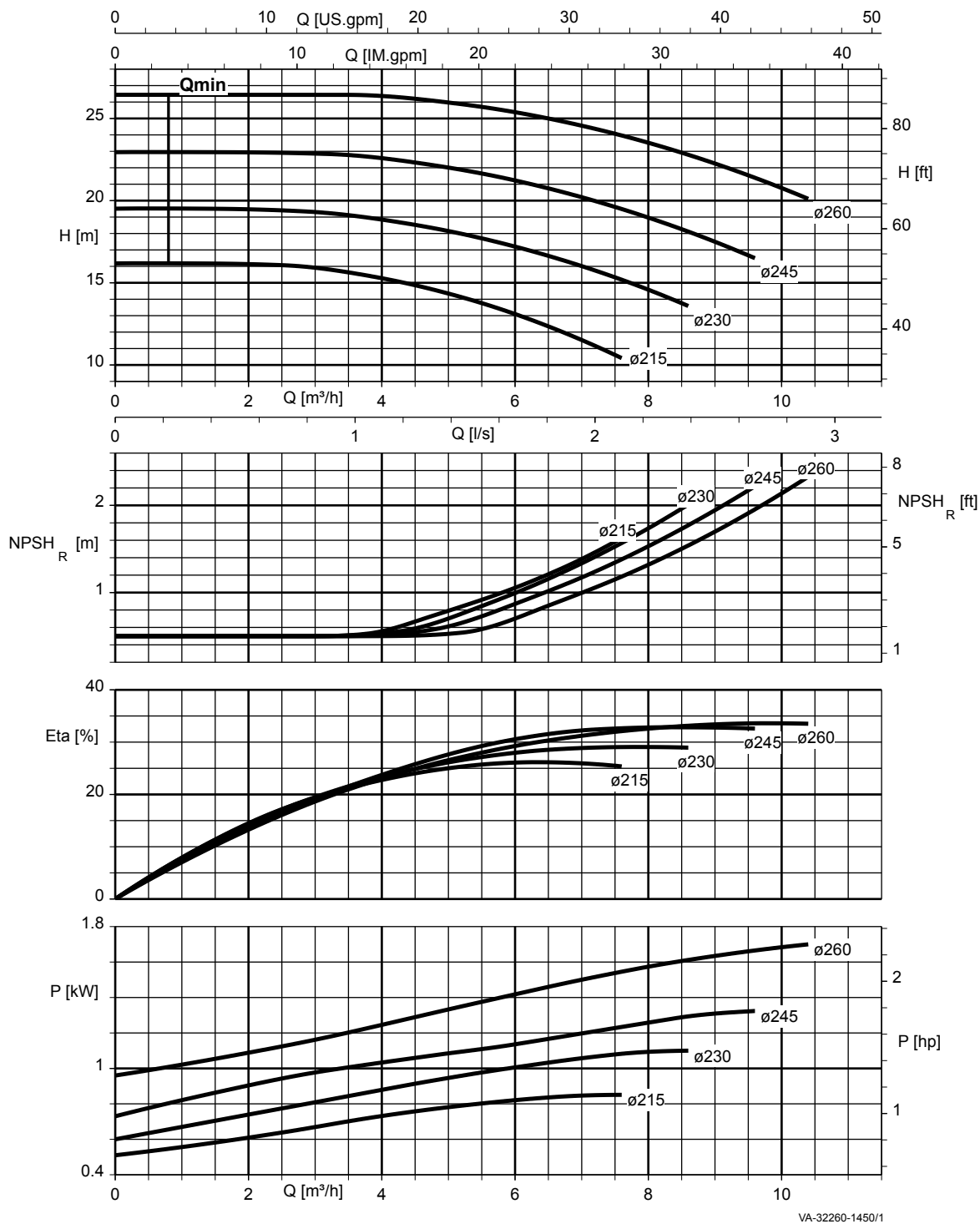
Vitacast 040-032-175, 1450 rpm



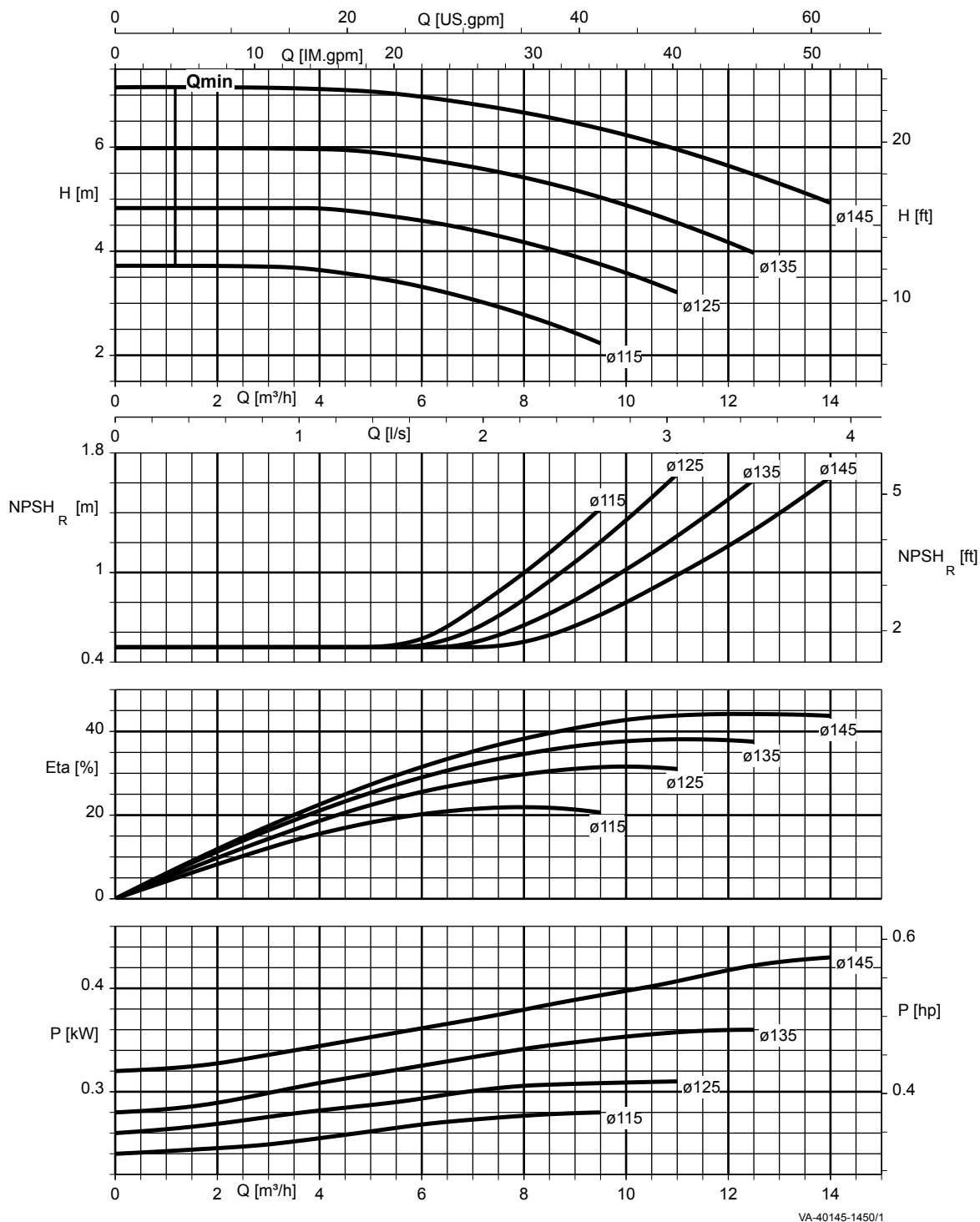
Vitacast 040-032-210, 1450 rpm



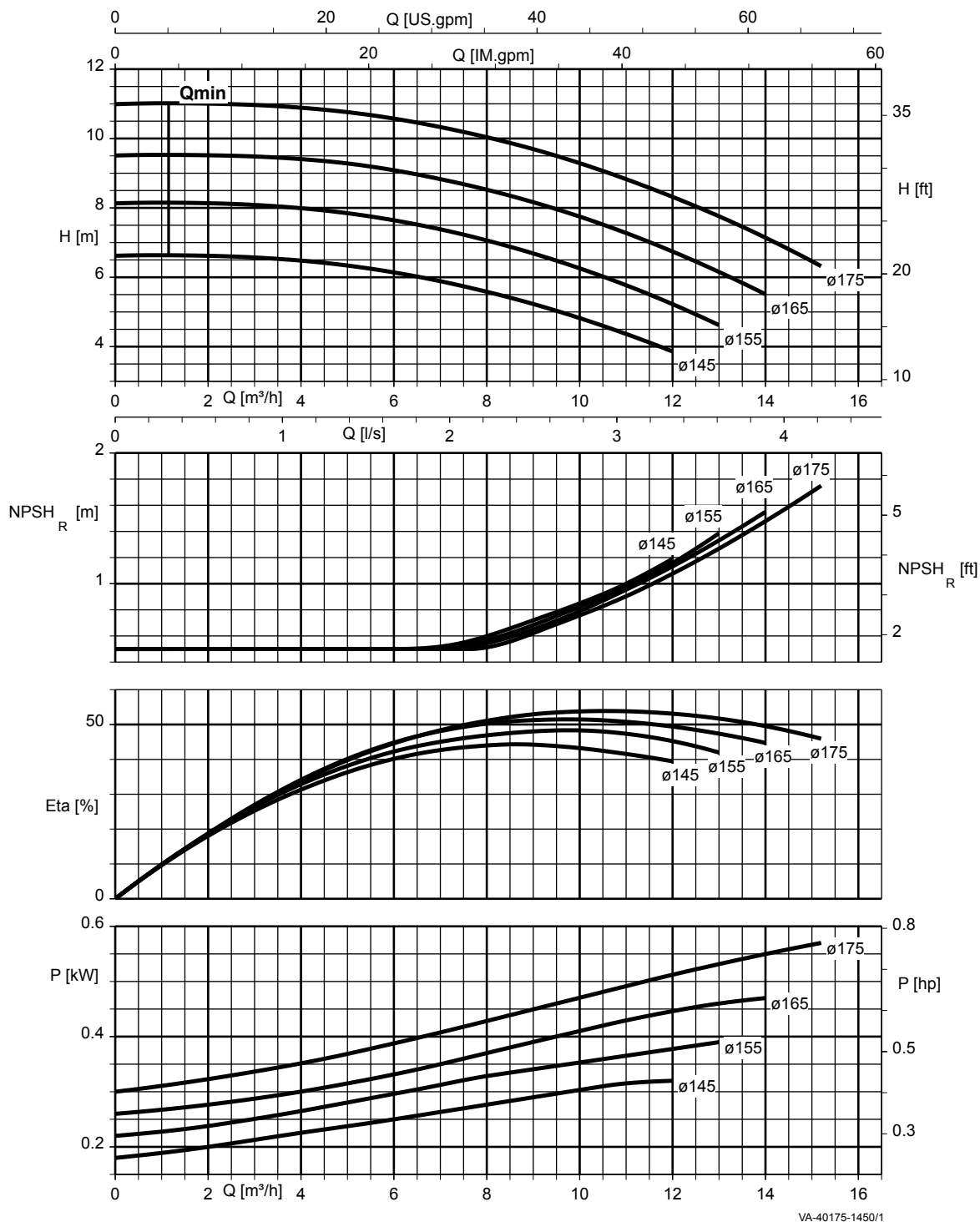
Vitacast 040-032-260, 1450 rpm



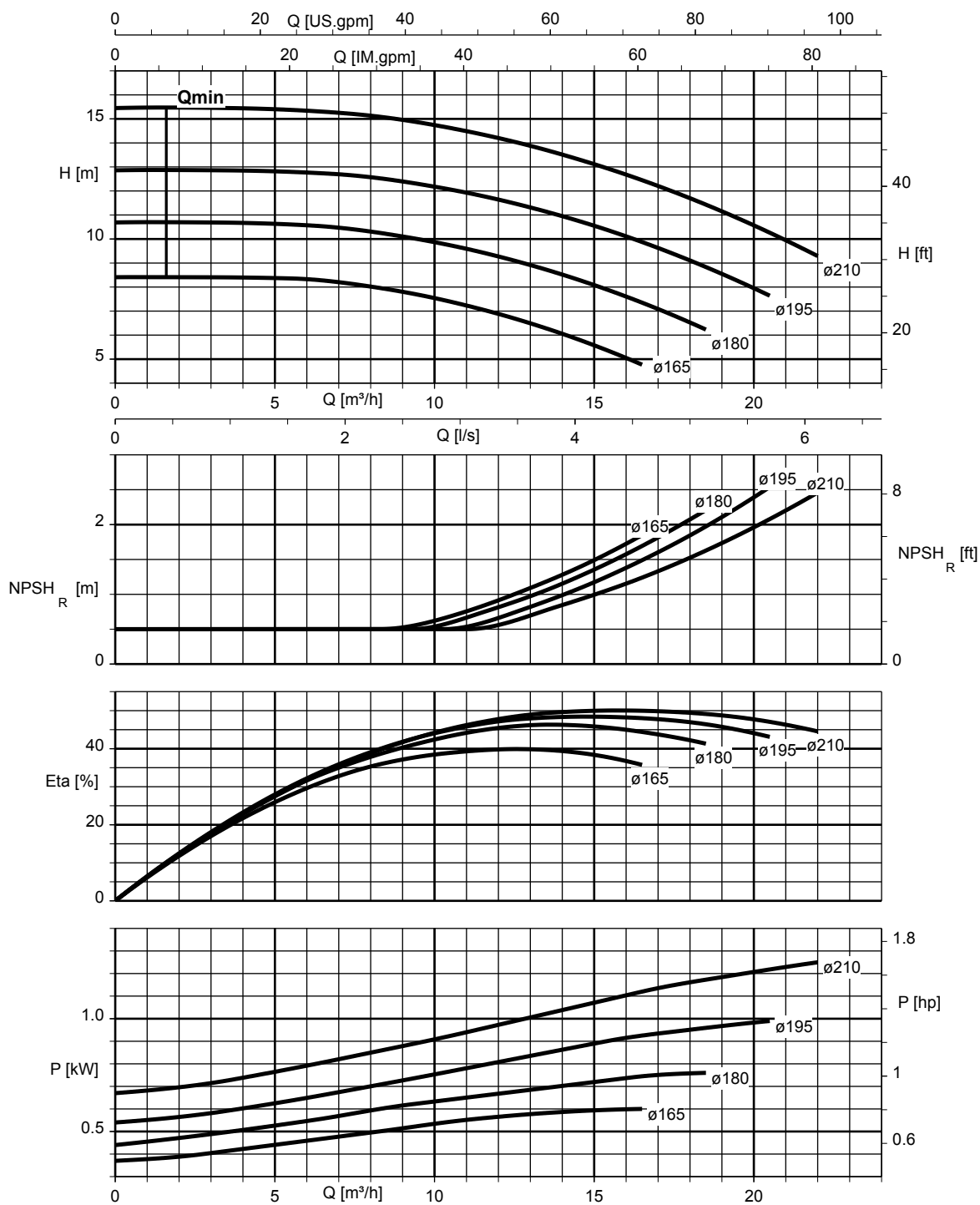
Vitacast 050-040-145, 1450 rpm



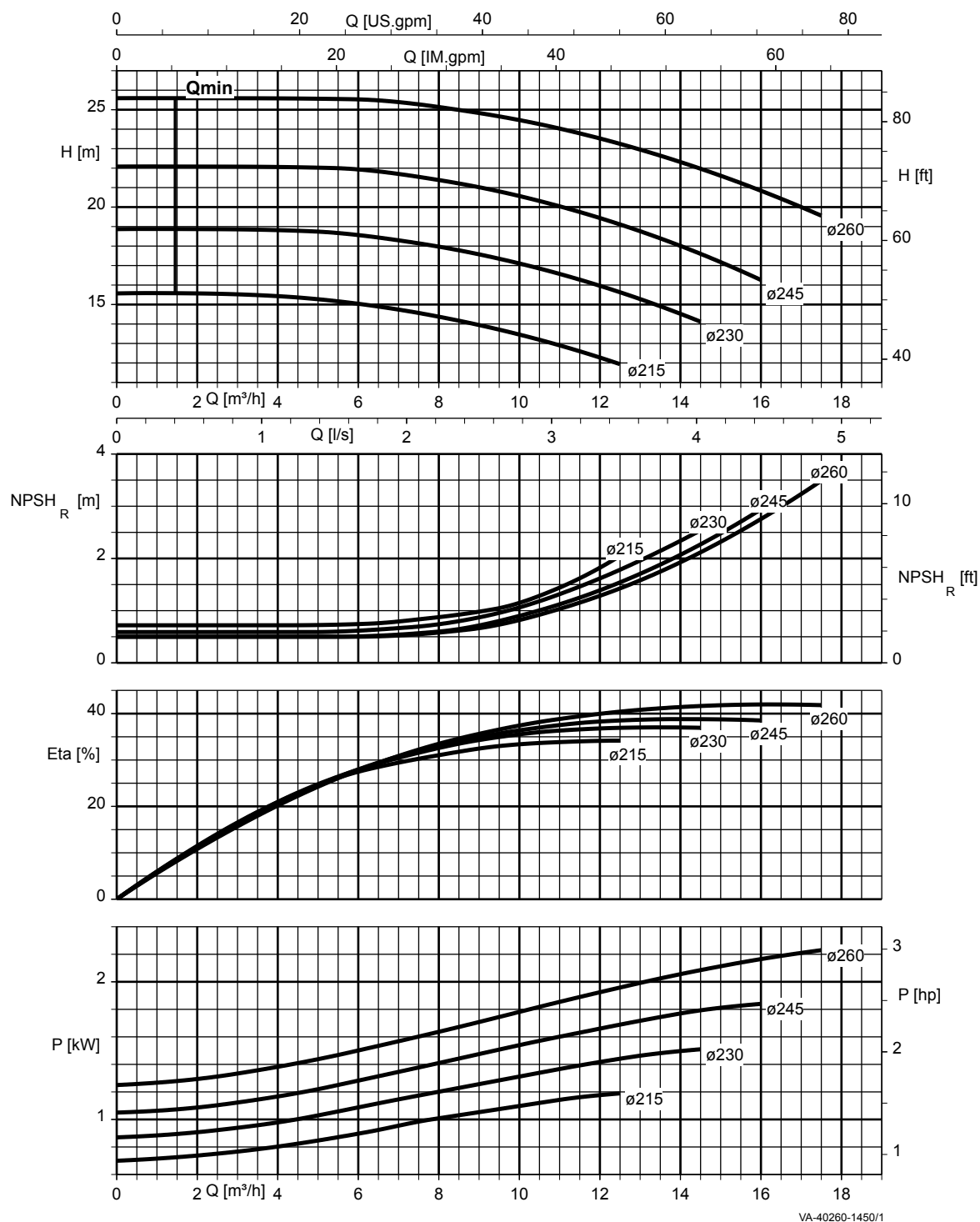
Vitacast 050-040-175, 1450 rpm



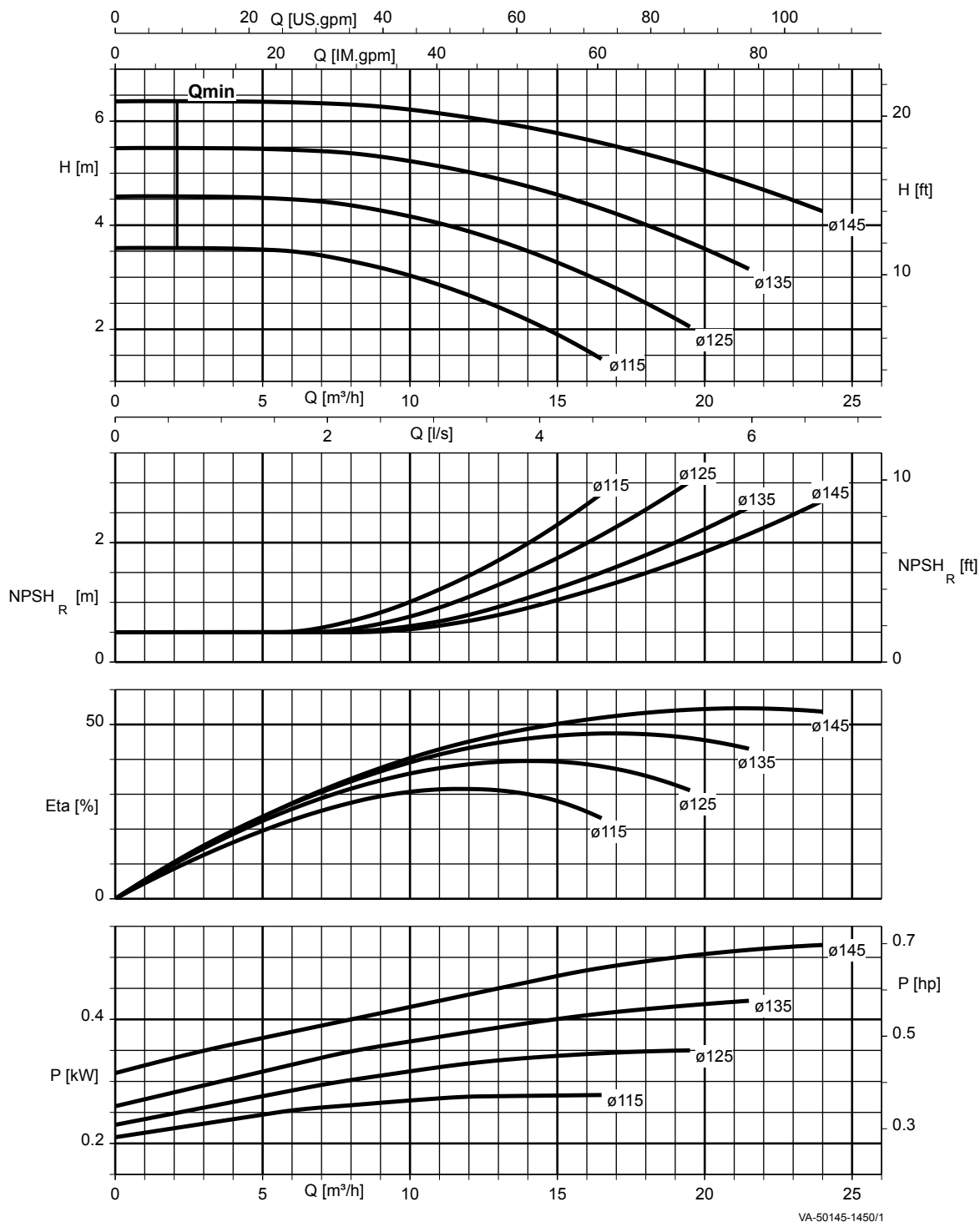
Vitacast 050-040-210, 1450 rpm



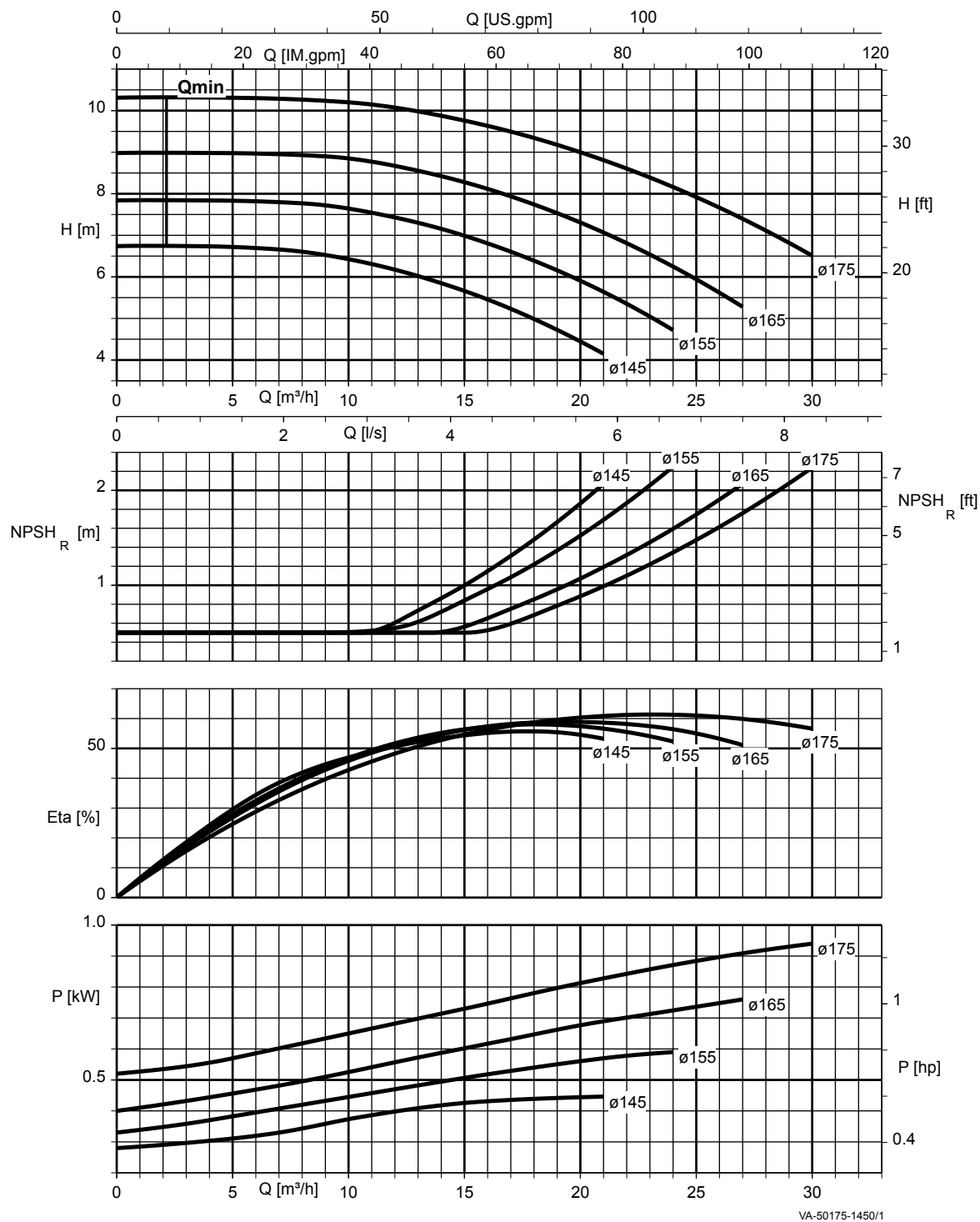
Vitacast 050-040-260, 1450 rpm



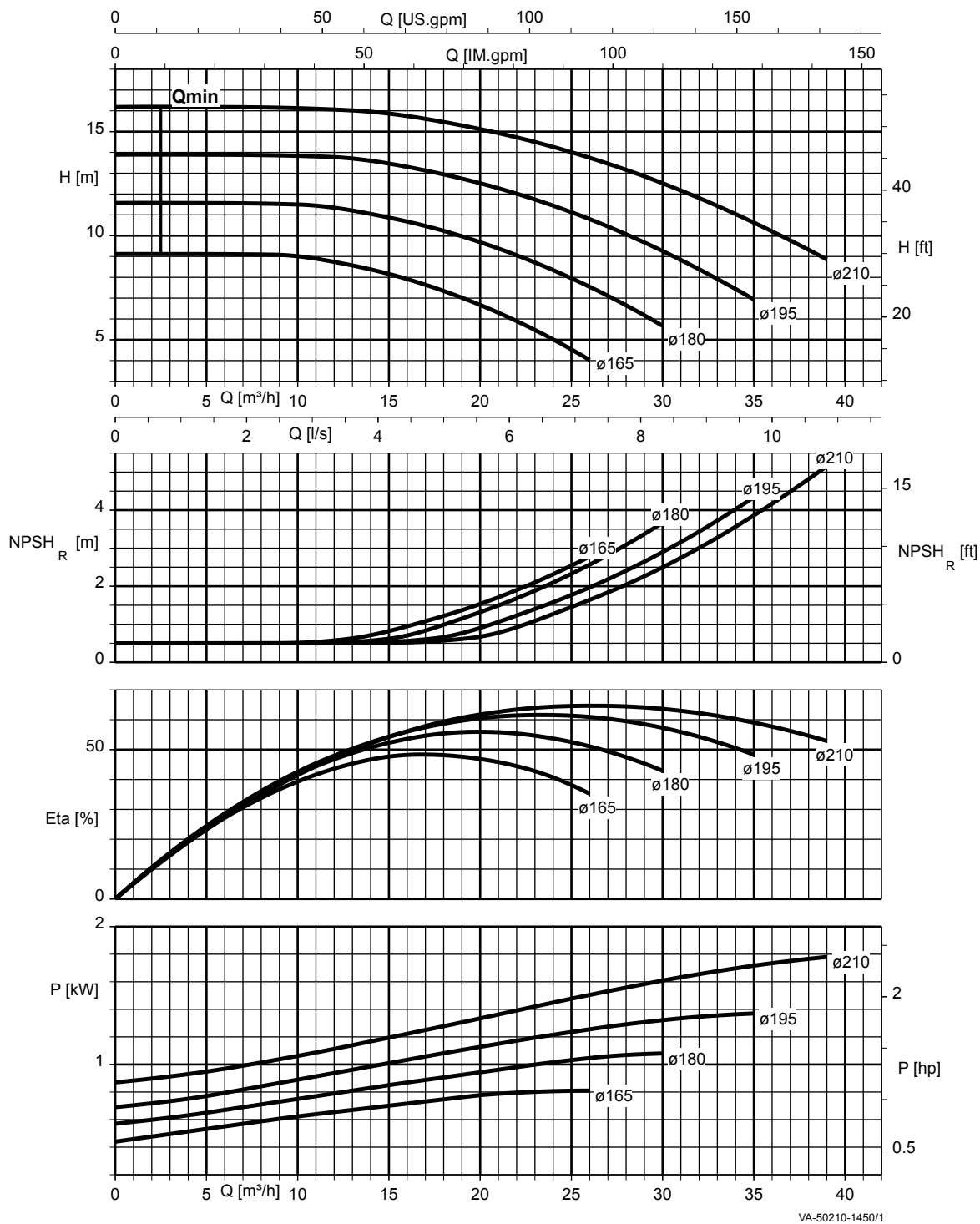
Vitacast 065-050-145, 1450 rpm



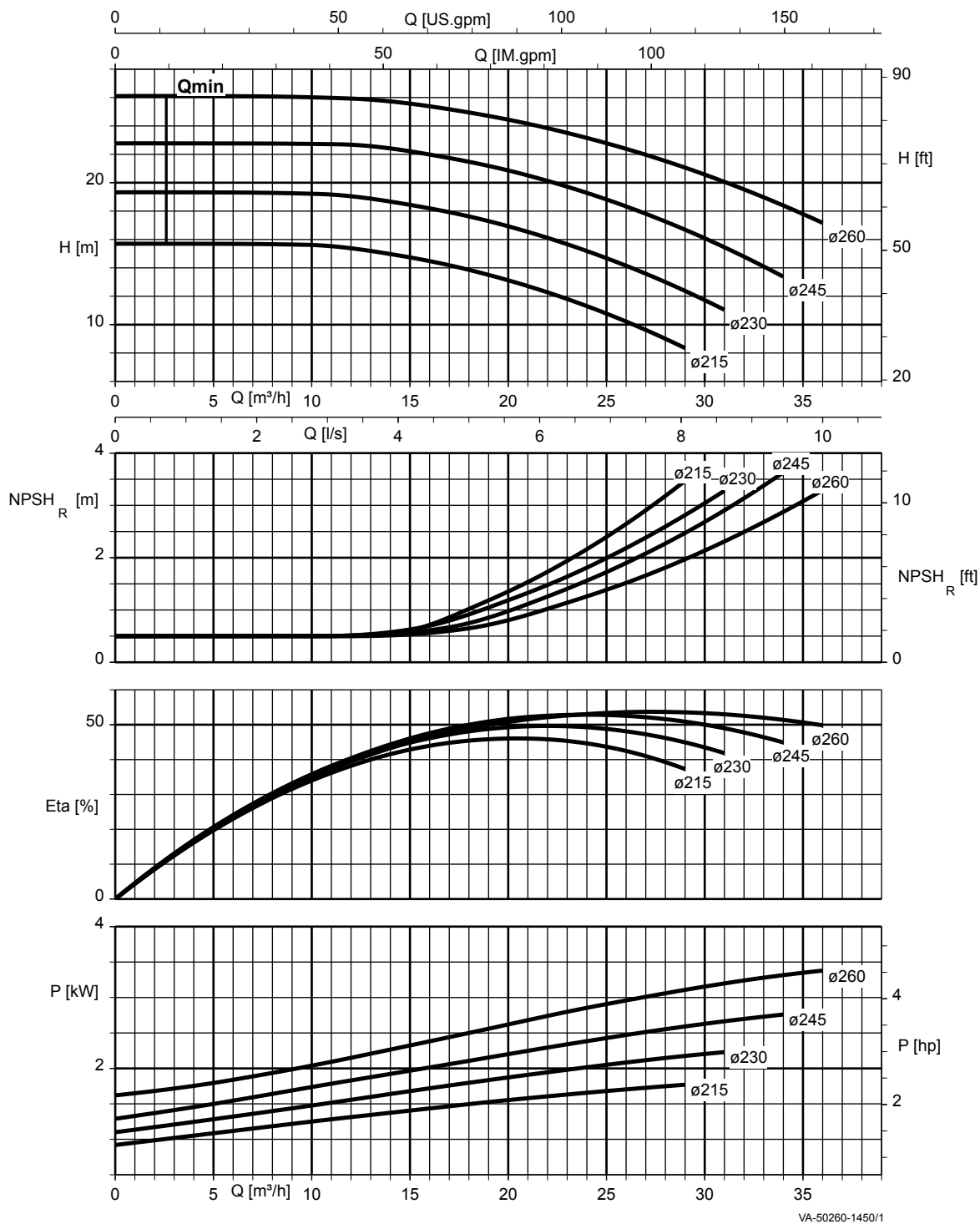
Vitacast 065-050-175, 1450 rpm



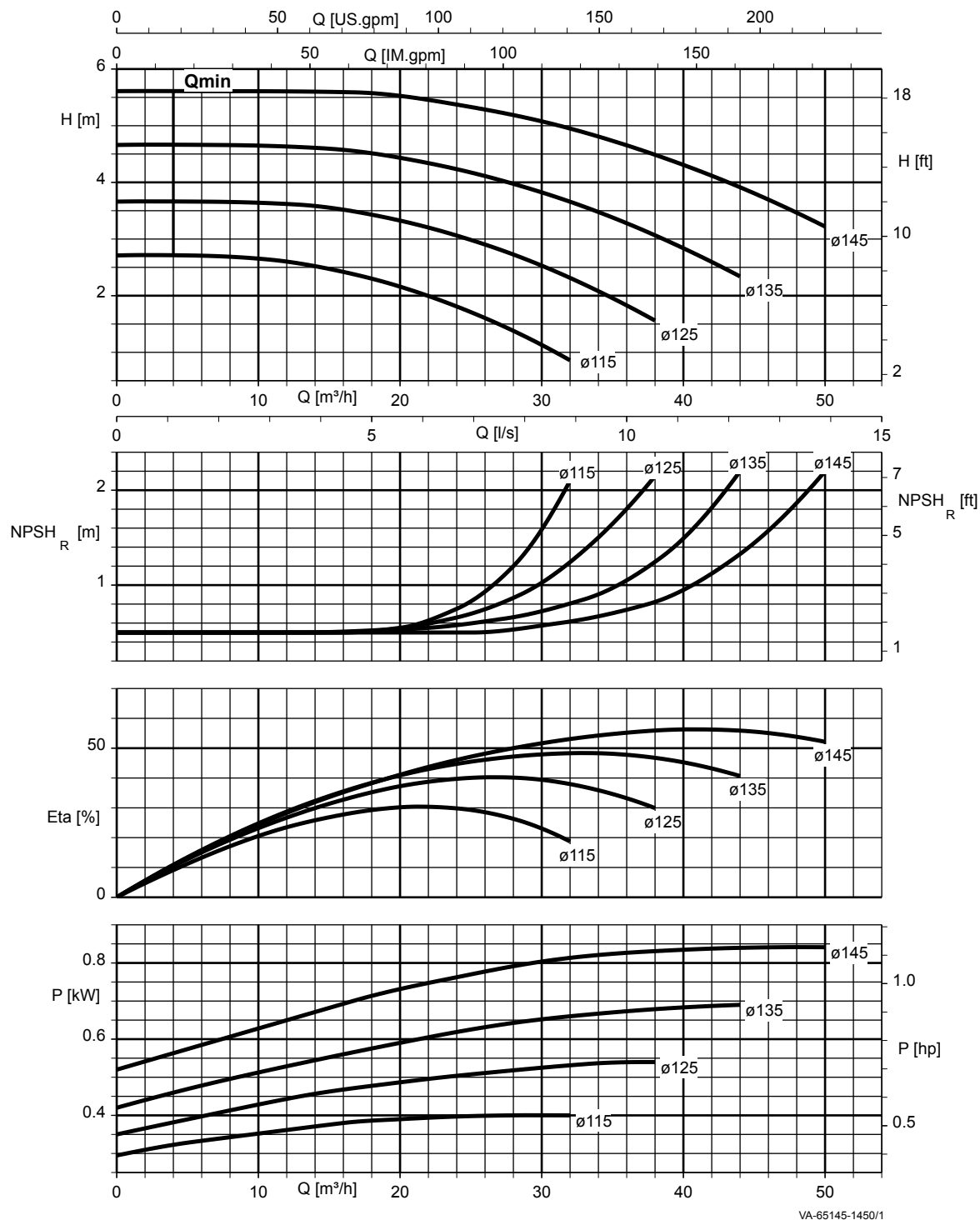
Vitacast 065-050-210, 1450 rpm



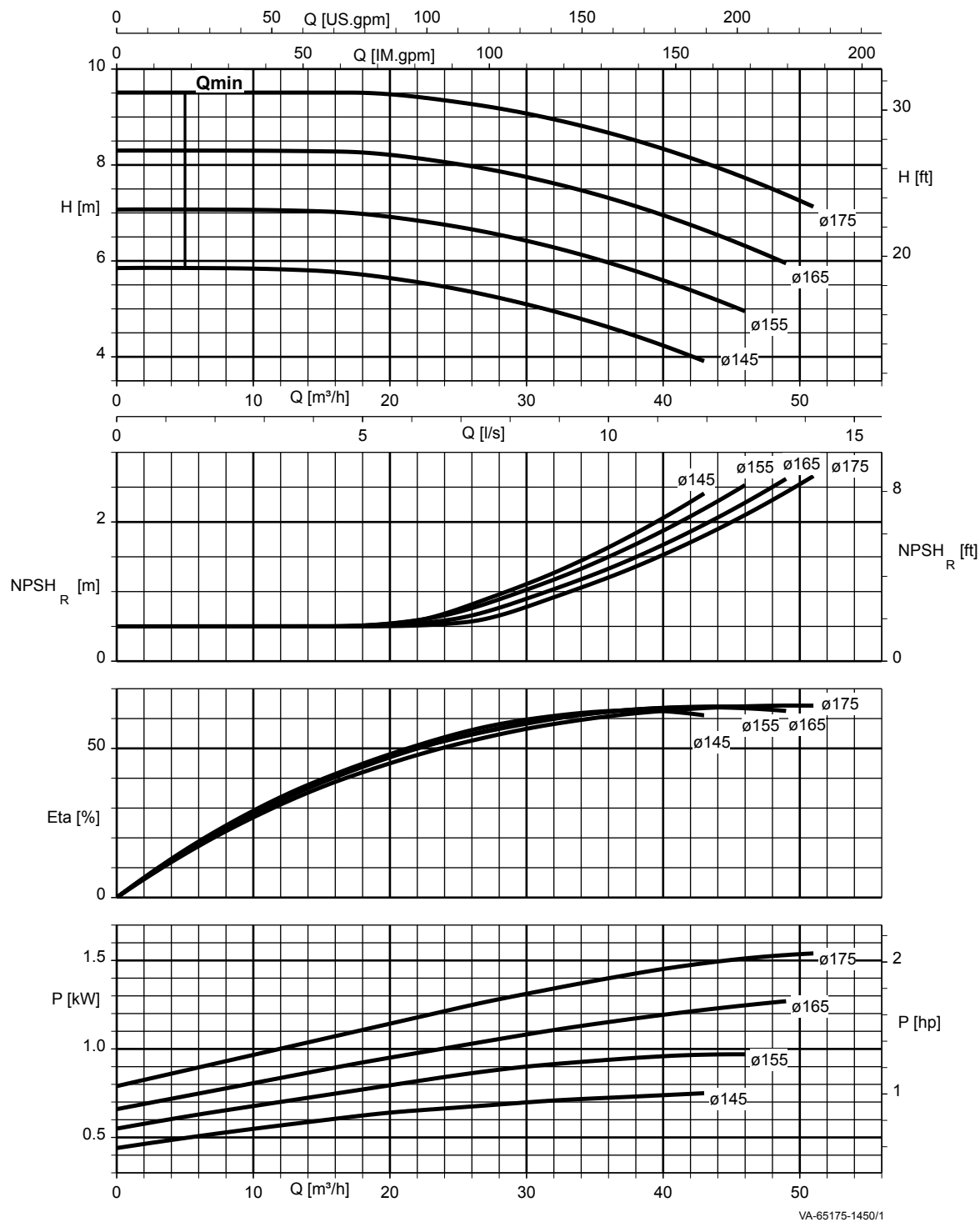
Vitacast 065-050-260, 1450 rpm



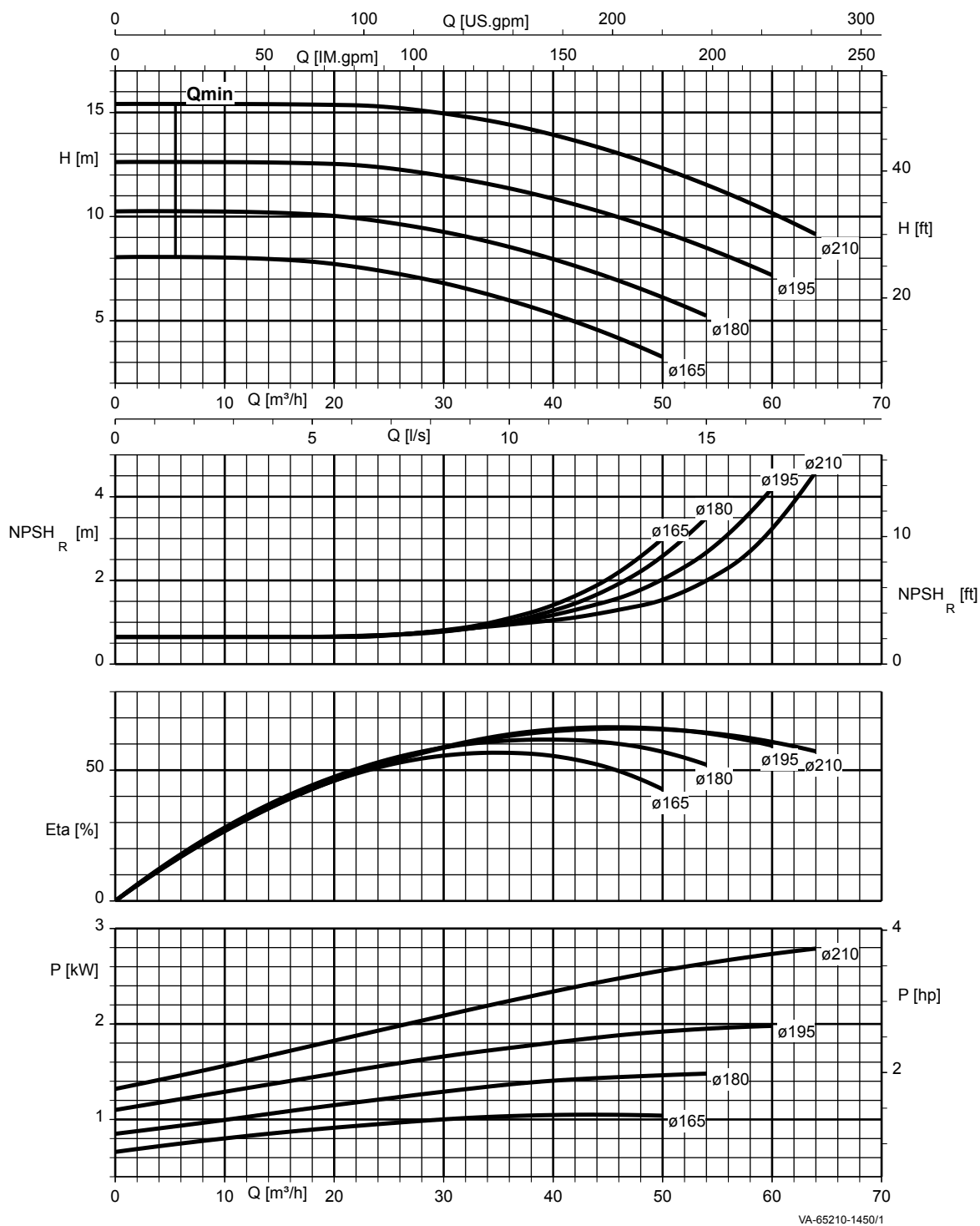
Vitacast 080-065-145, 1450 rpm



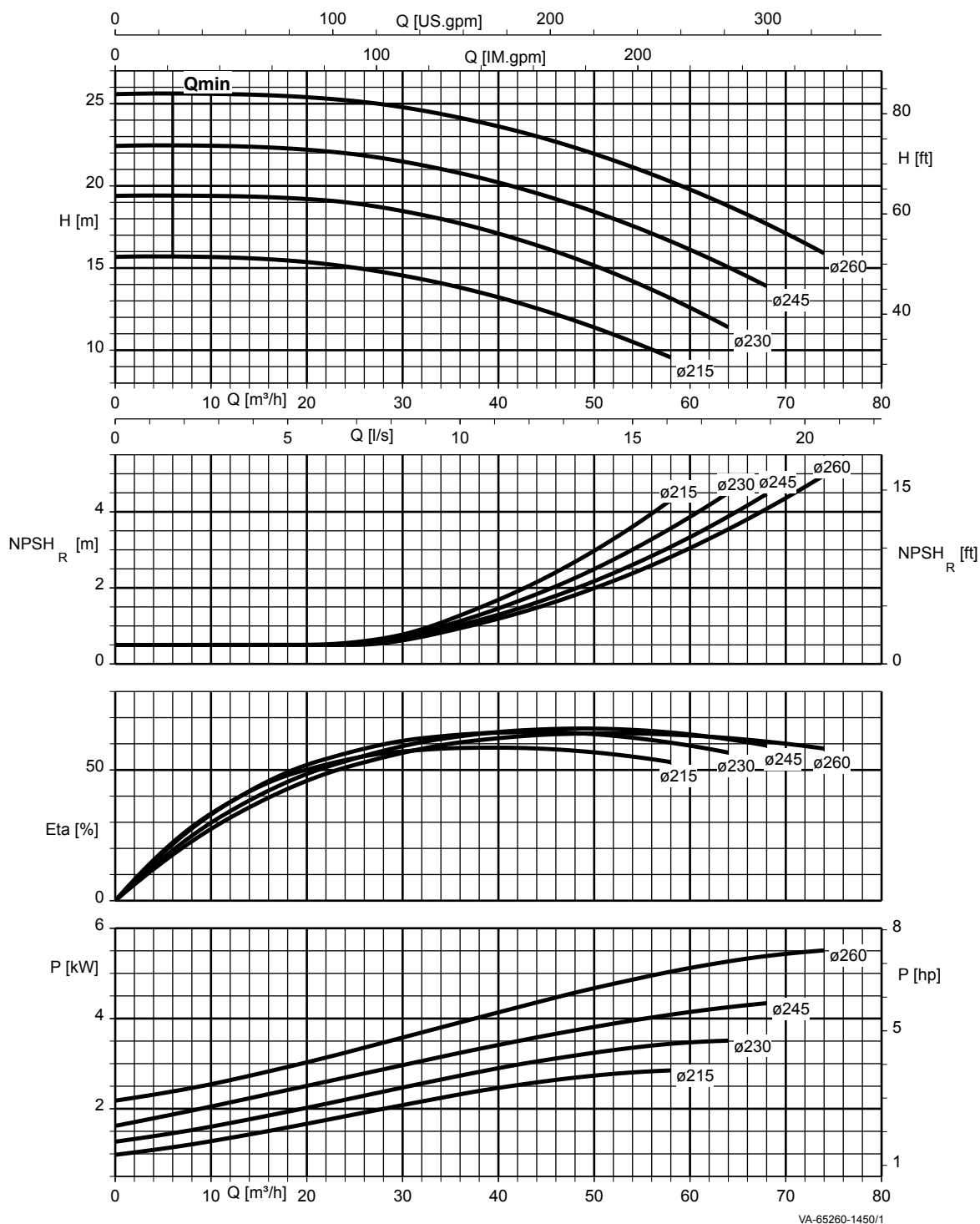
Vitacast 080-065-175, 1450 rpm



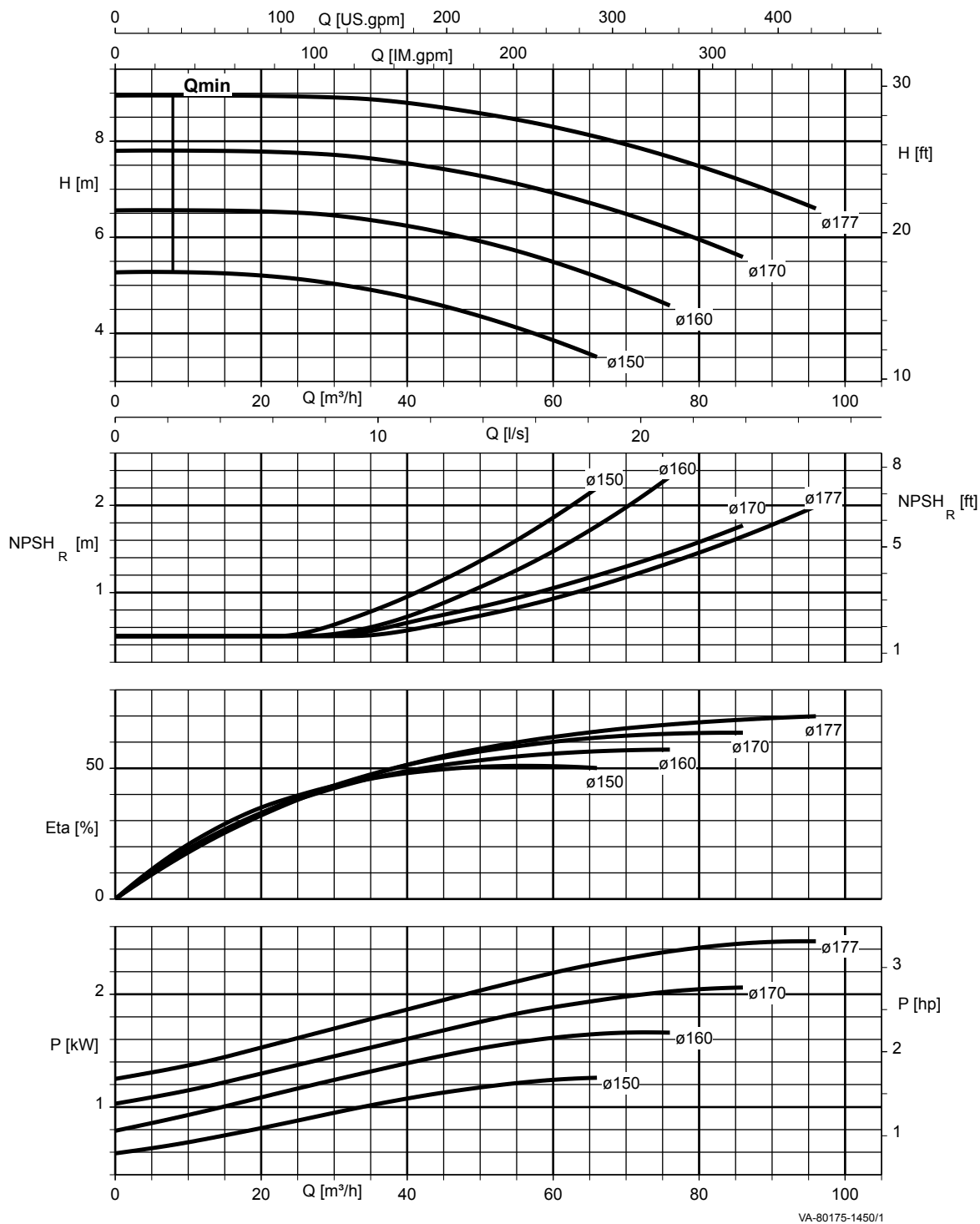
Vitacast 080-065-210, 1450 rpm



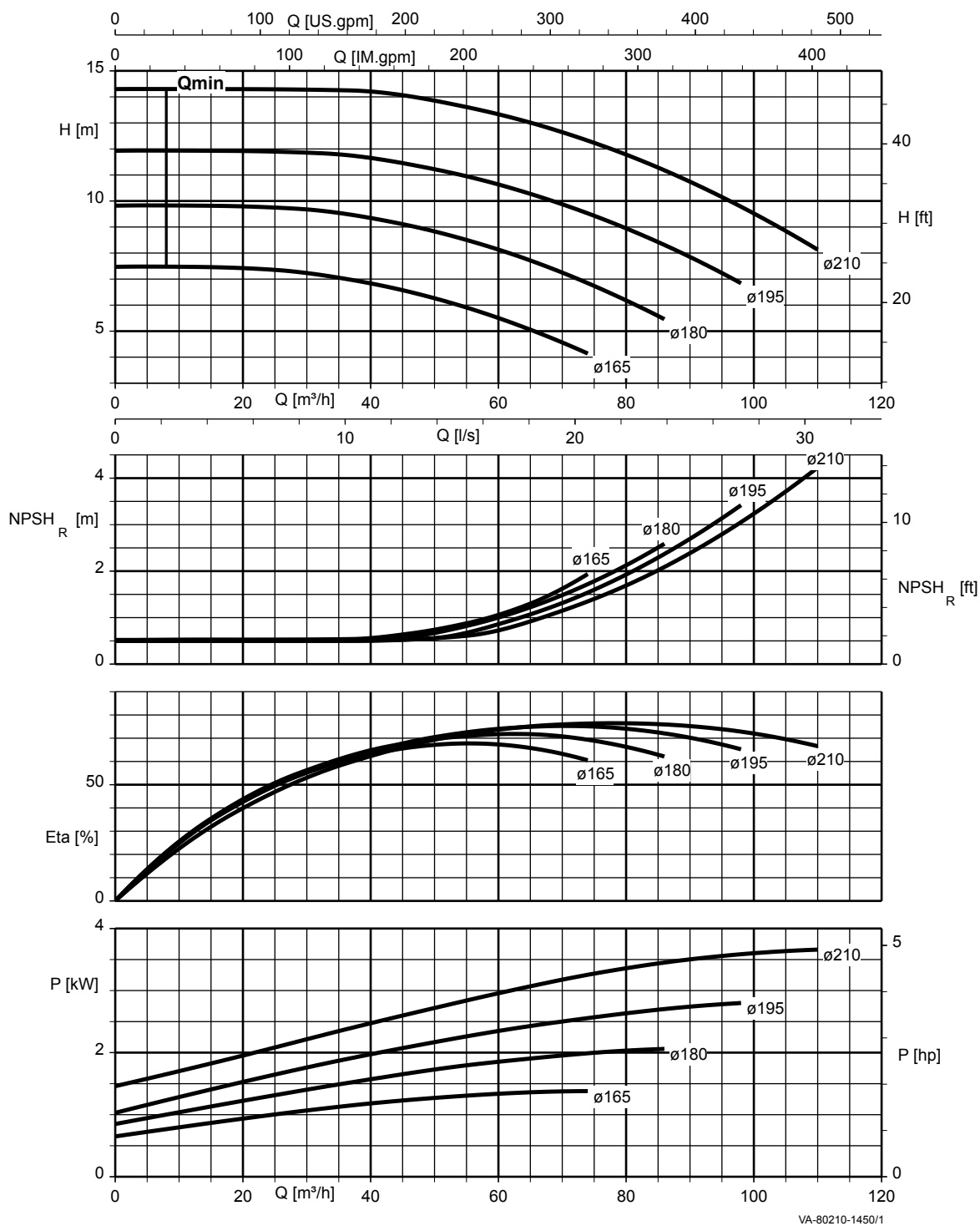
Vitacast 080-065-260, 1450 rpm



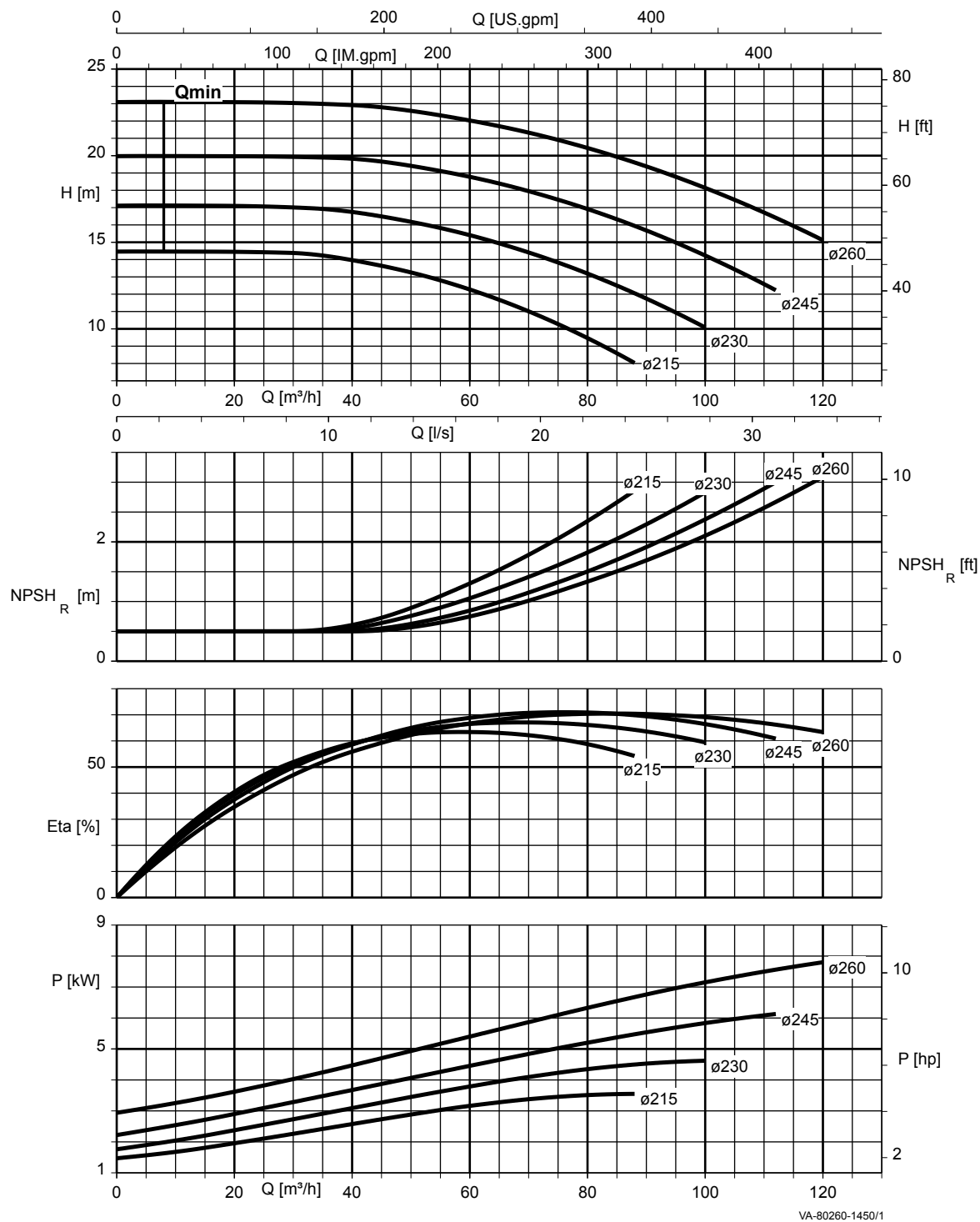
Vitacast 100-080-175, 1450 rpm



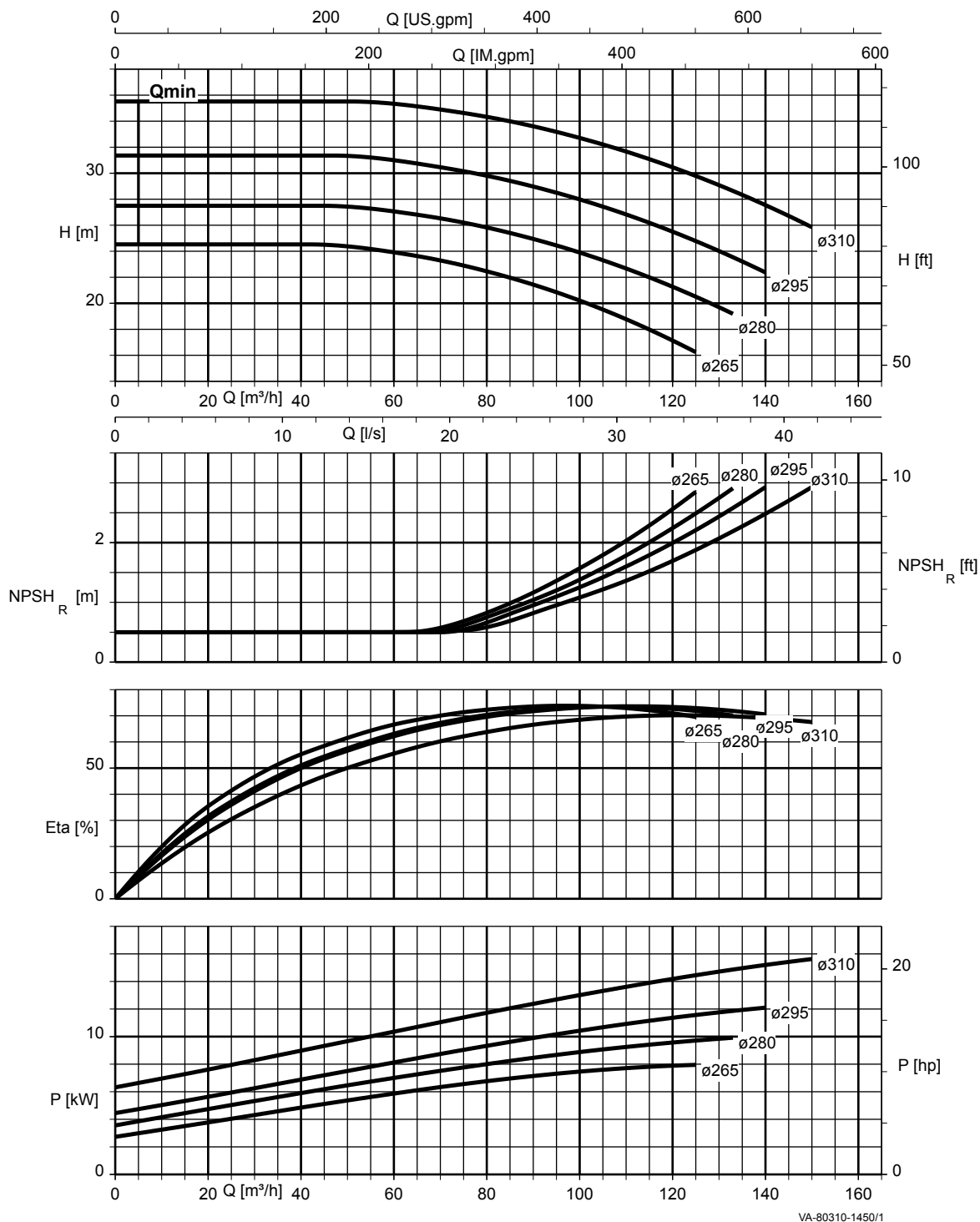
Vitacast 100-080-210, 1450 rpm



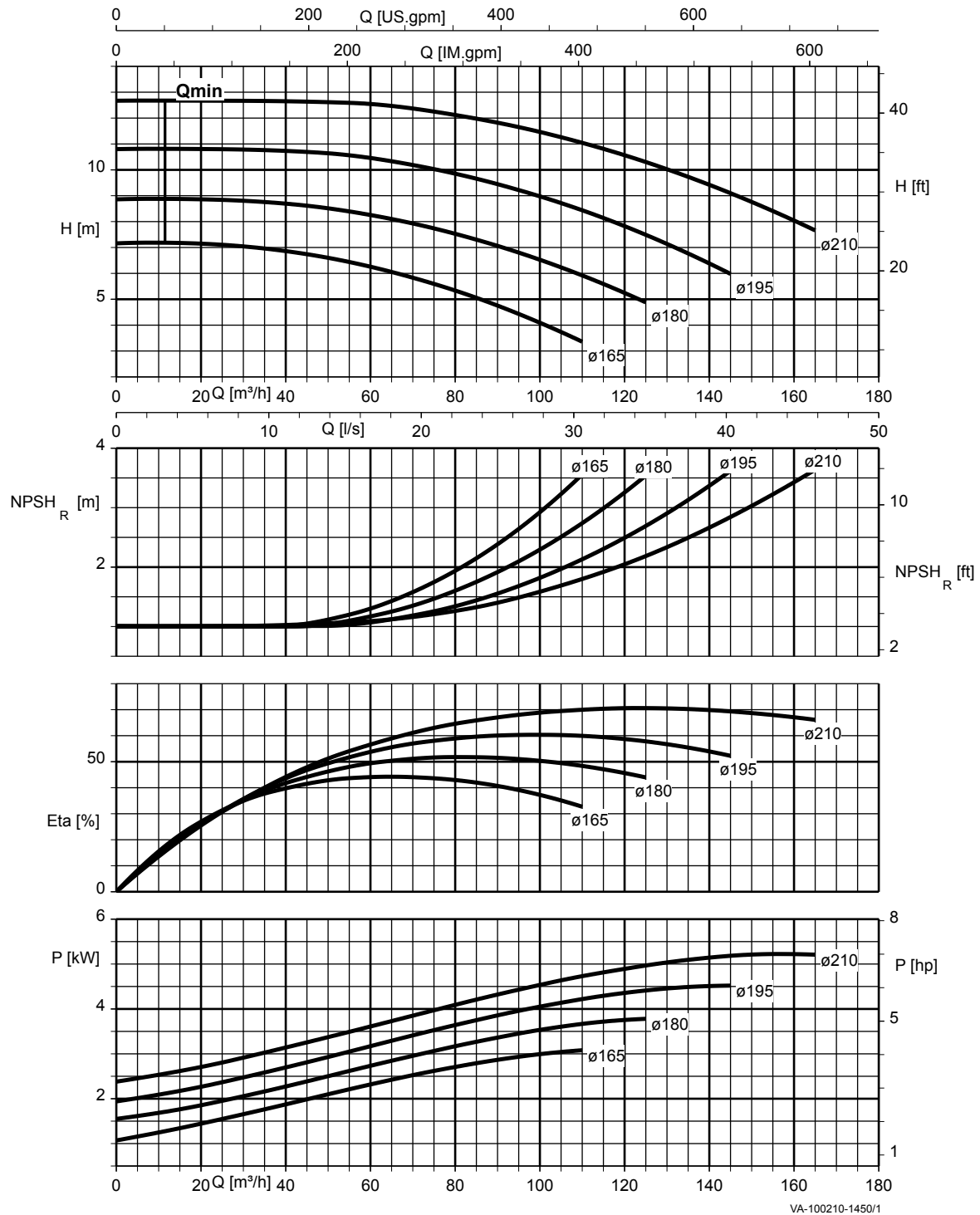
Vitacast 100-080-260, 1450 rpm



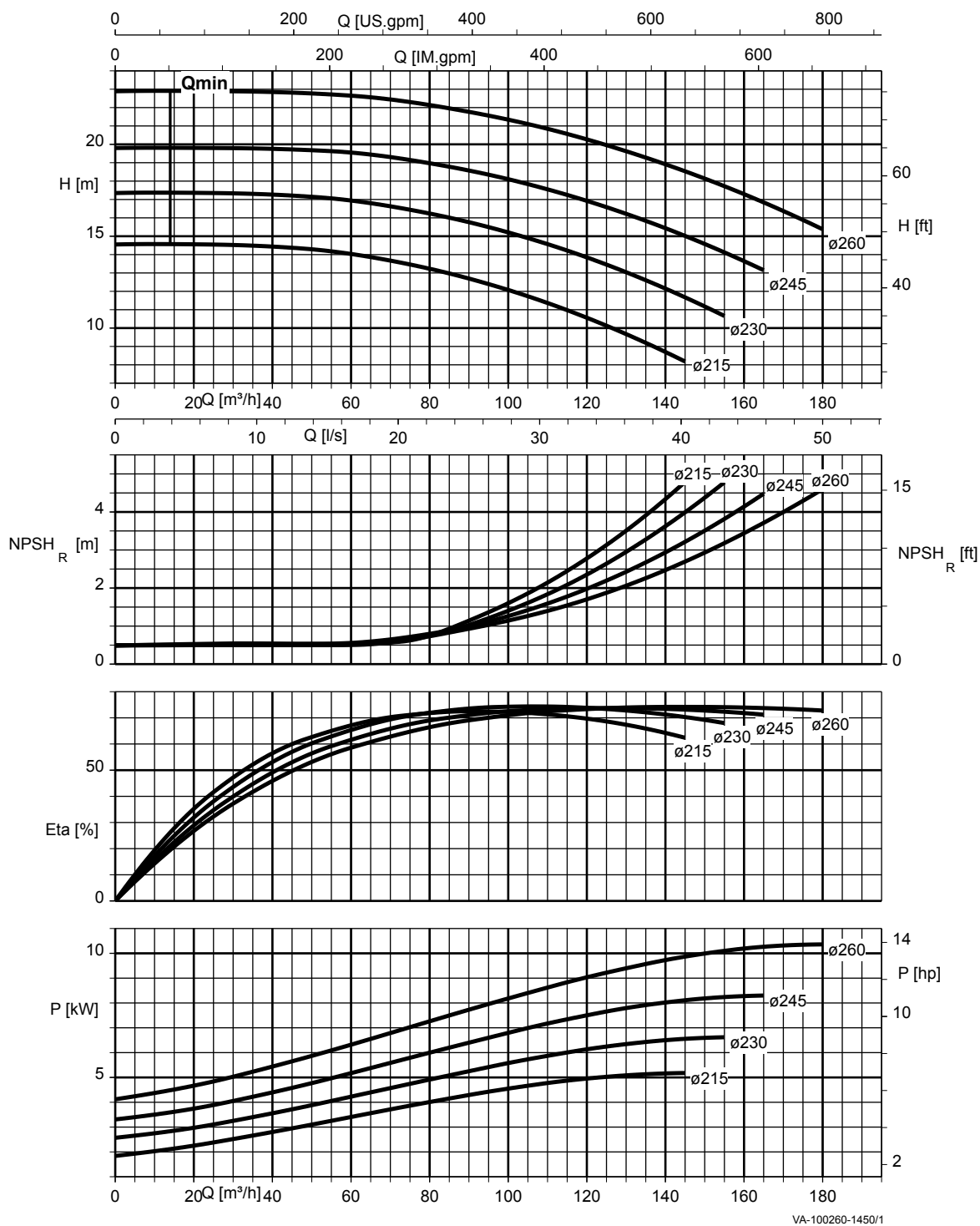
Vitacast 100-080-310, 1450 rpm



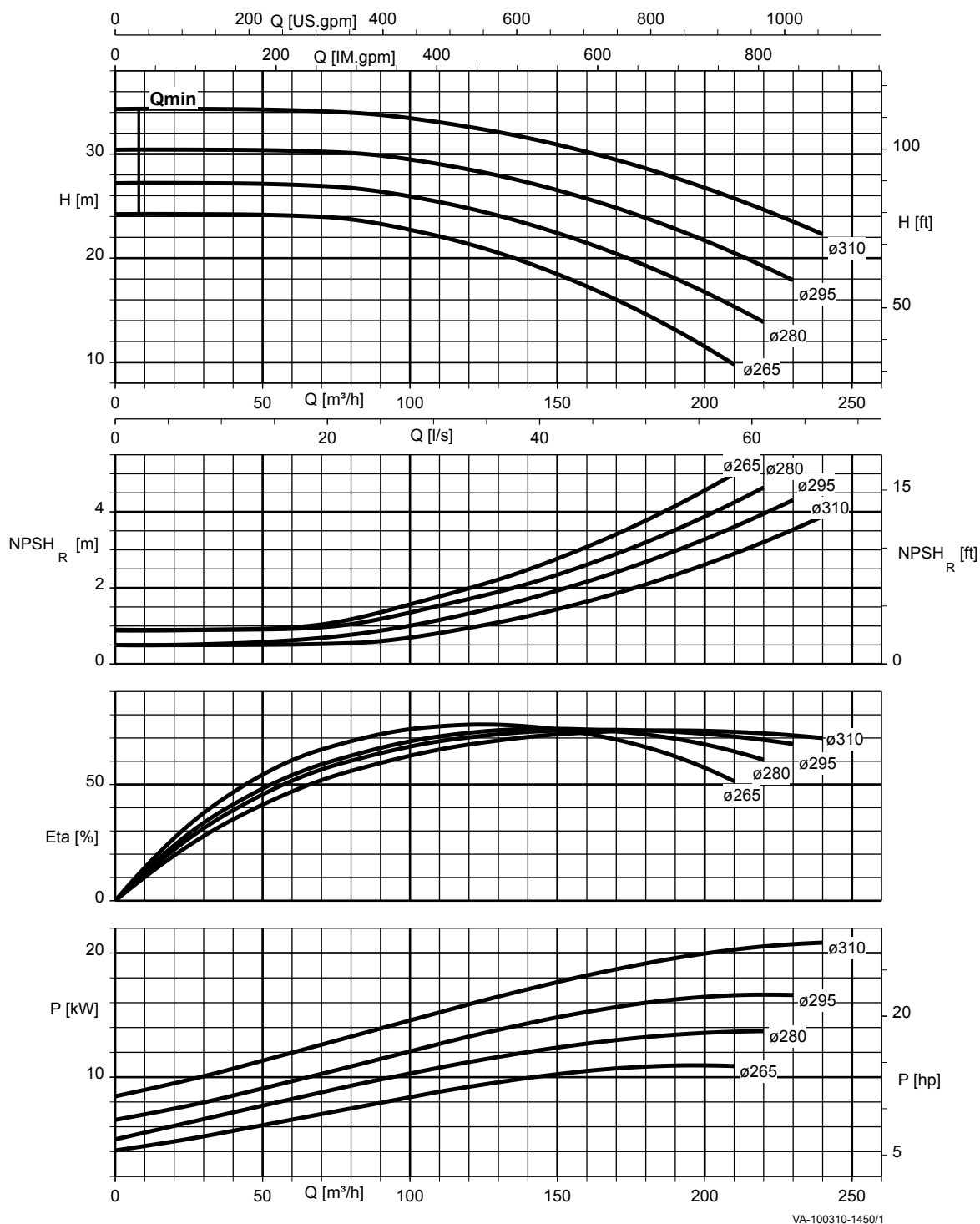
Vitacast 125-100-210, 1450 rpm



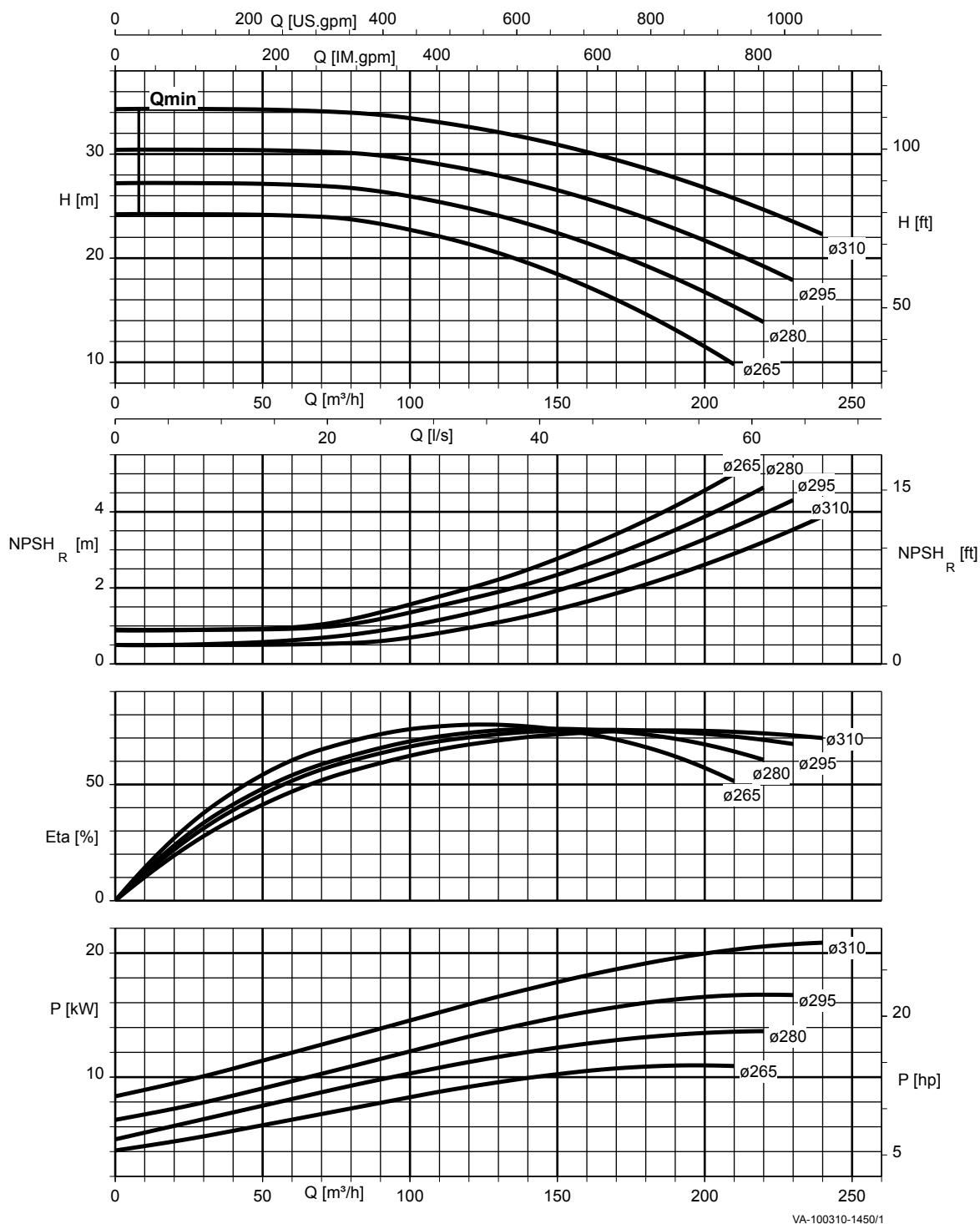
Vitacast 125-100-260, 1450 rpm



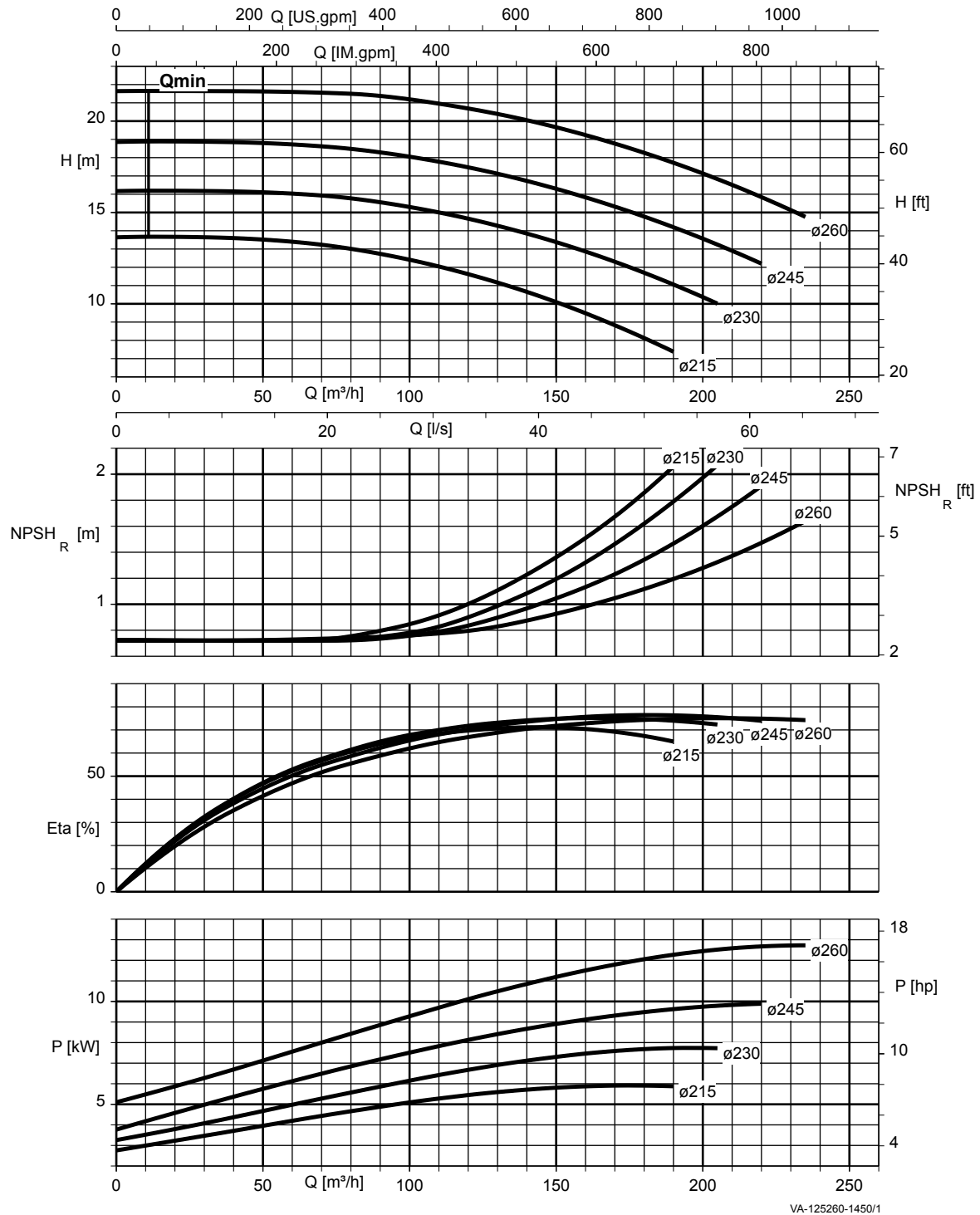
Vitacast 125-100-310, 1450 rpm



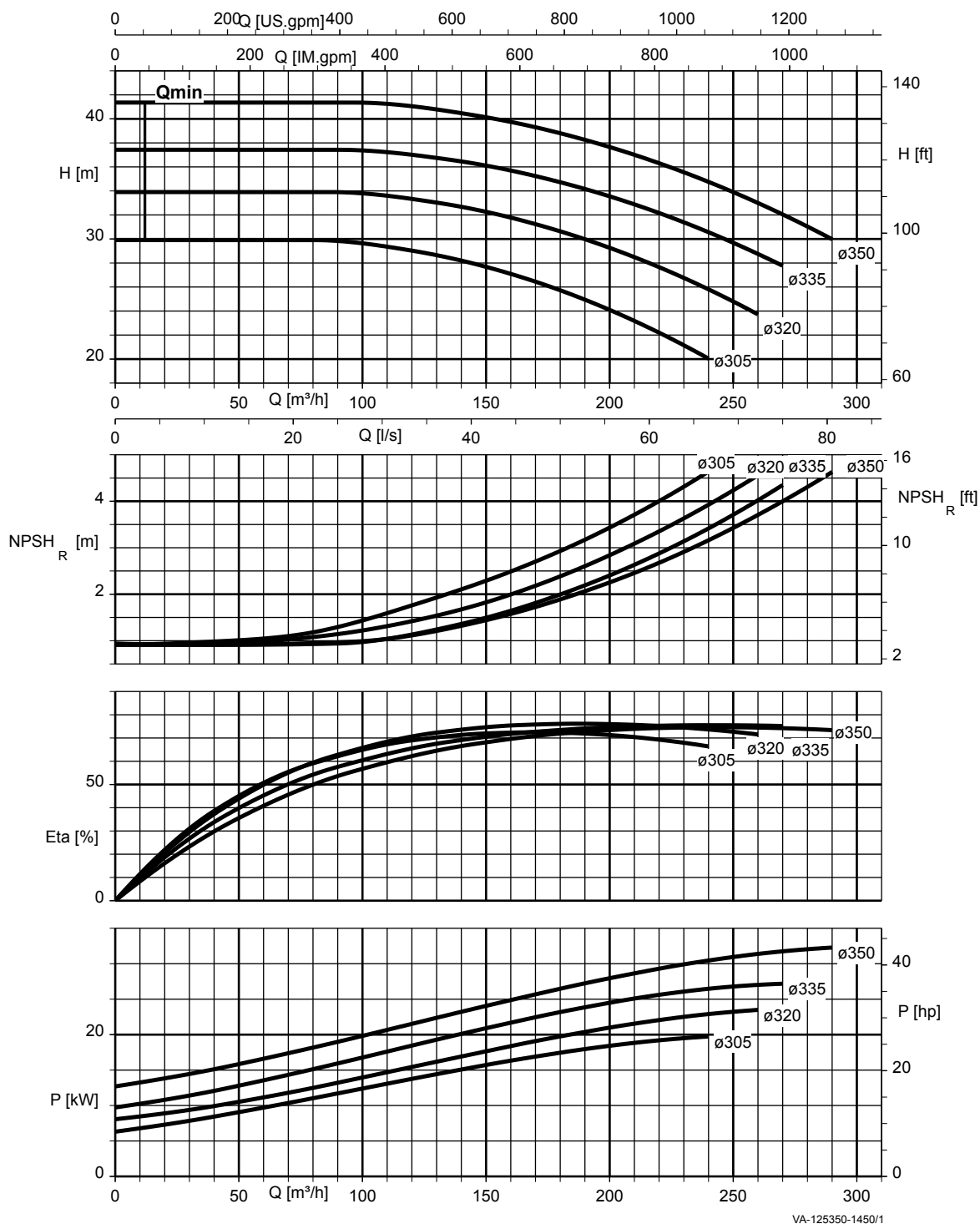
Vitacast 125-100-310, 1450 rpm



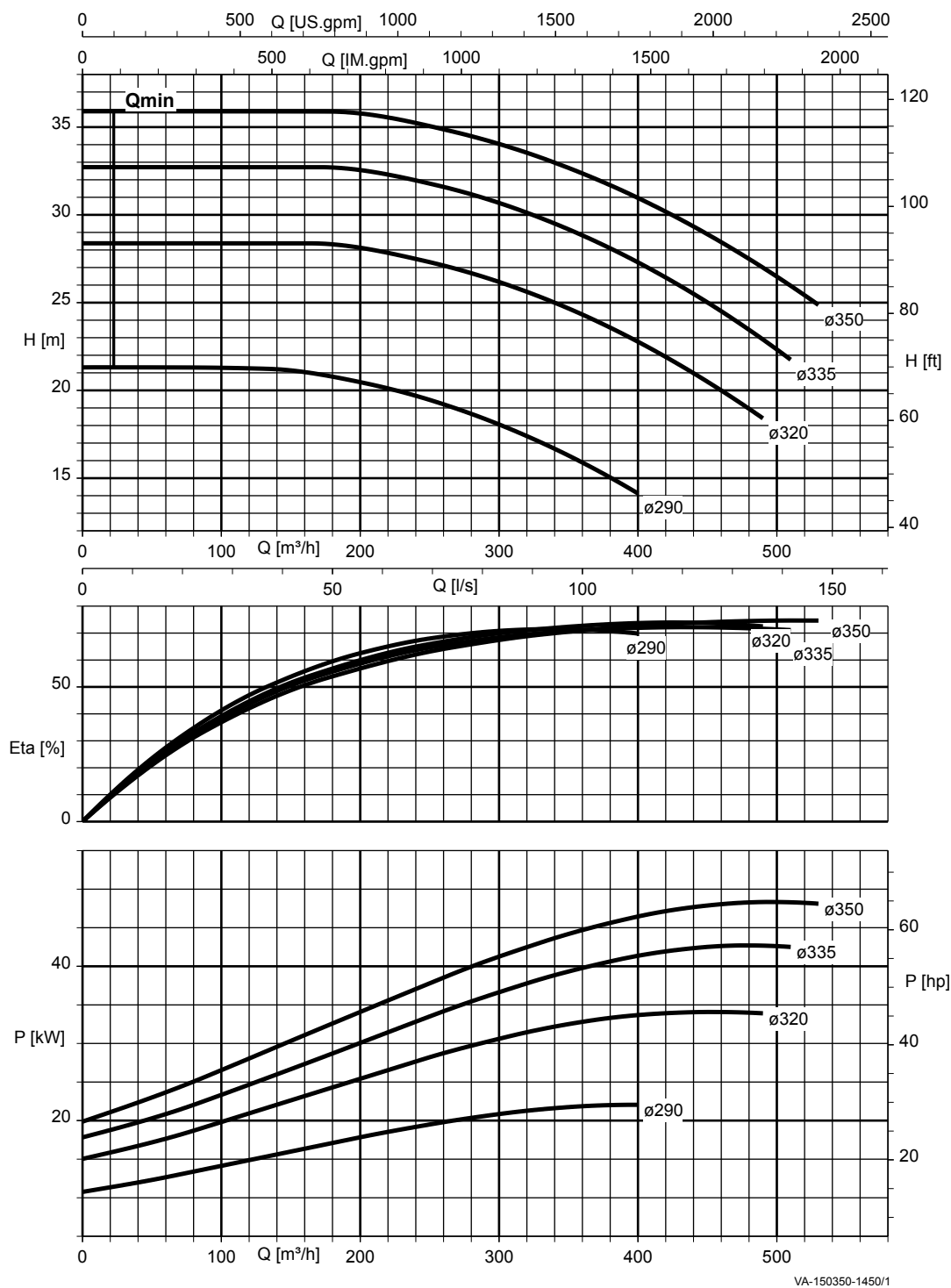
Vitacast 150-125-260, 1450 rpm



Vitacast 150-125-350, 1450 rpm

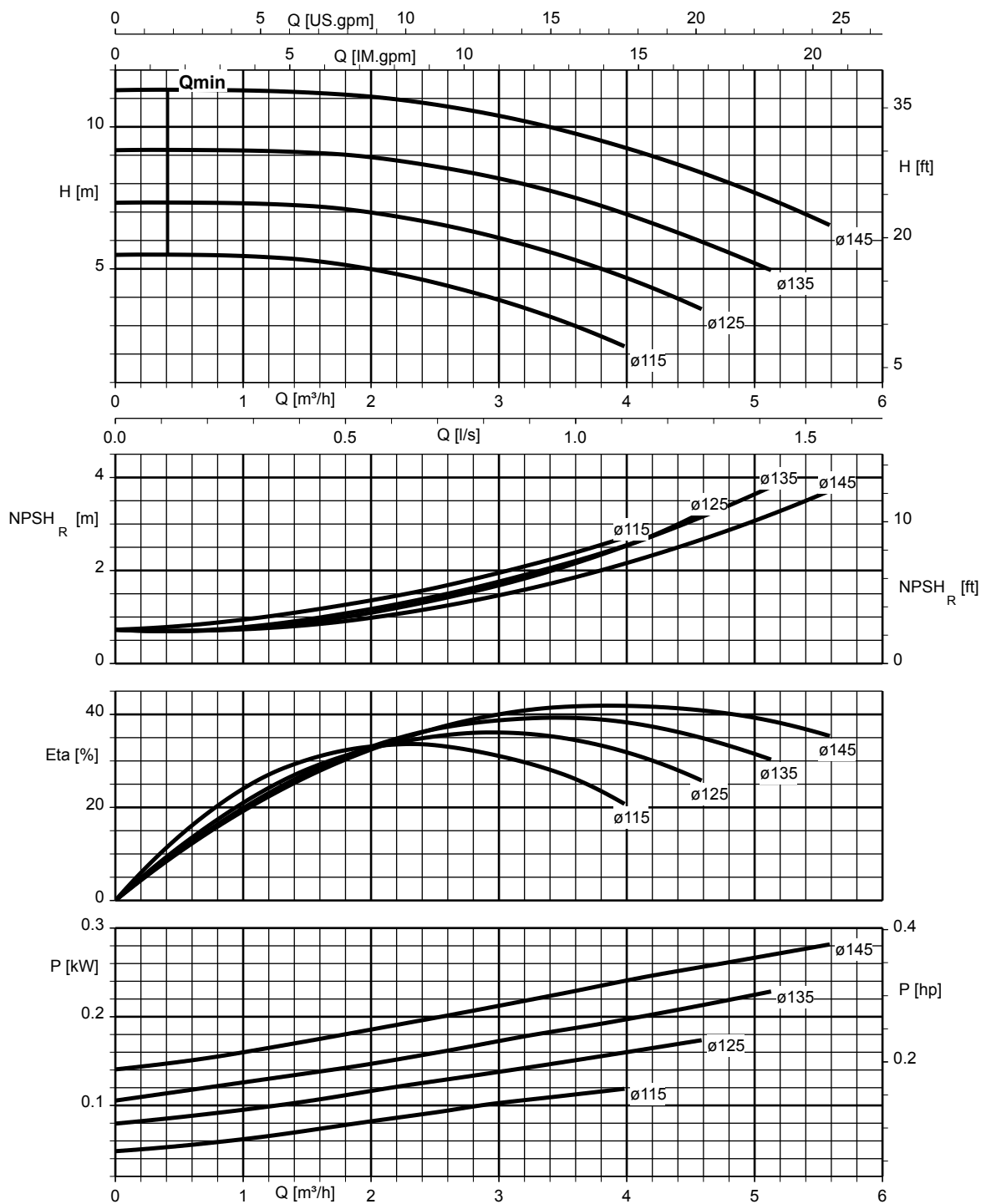


Vitacast 200-150-350, 1450 rpm



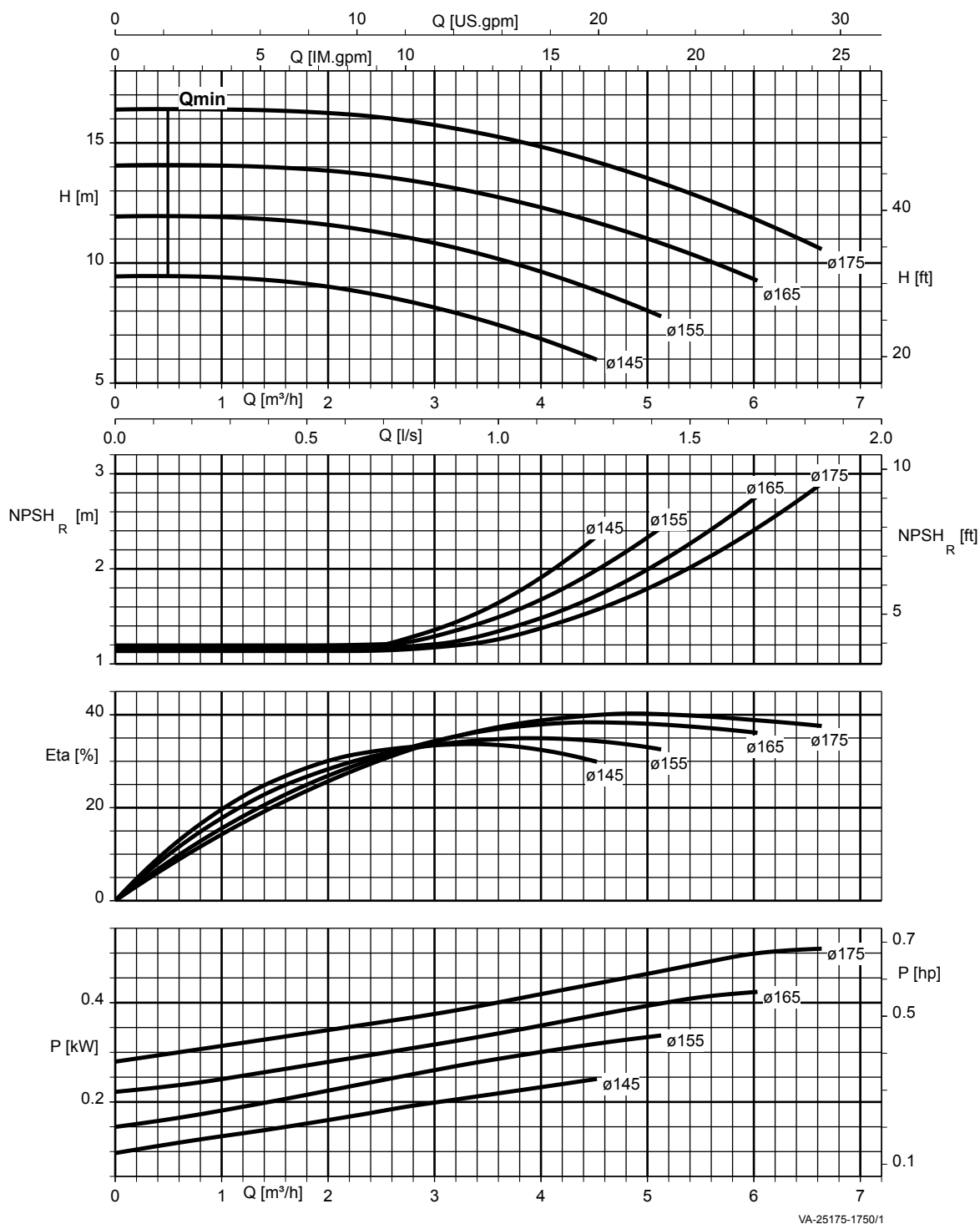
$n = 1.750 \text{ rpm}$

Vitacast 032-025-145, 1750 rpm

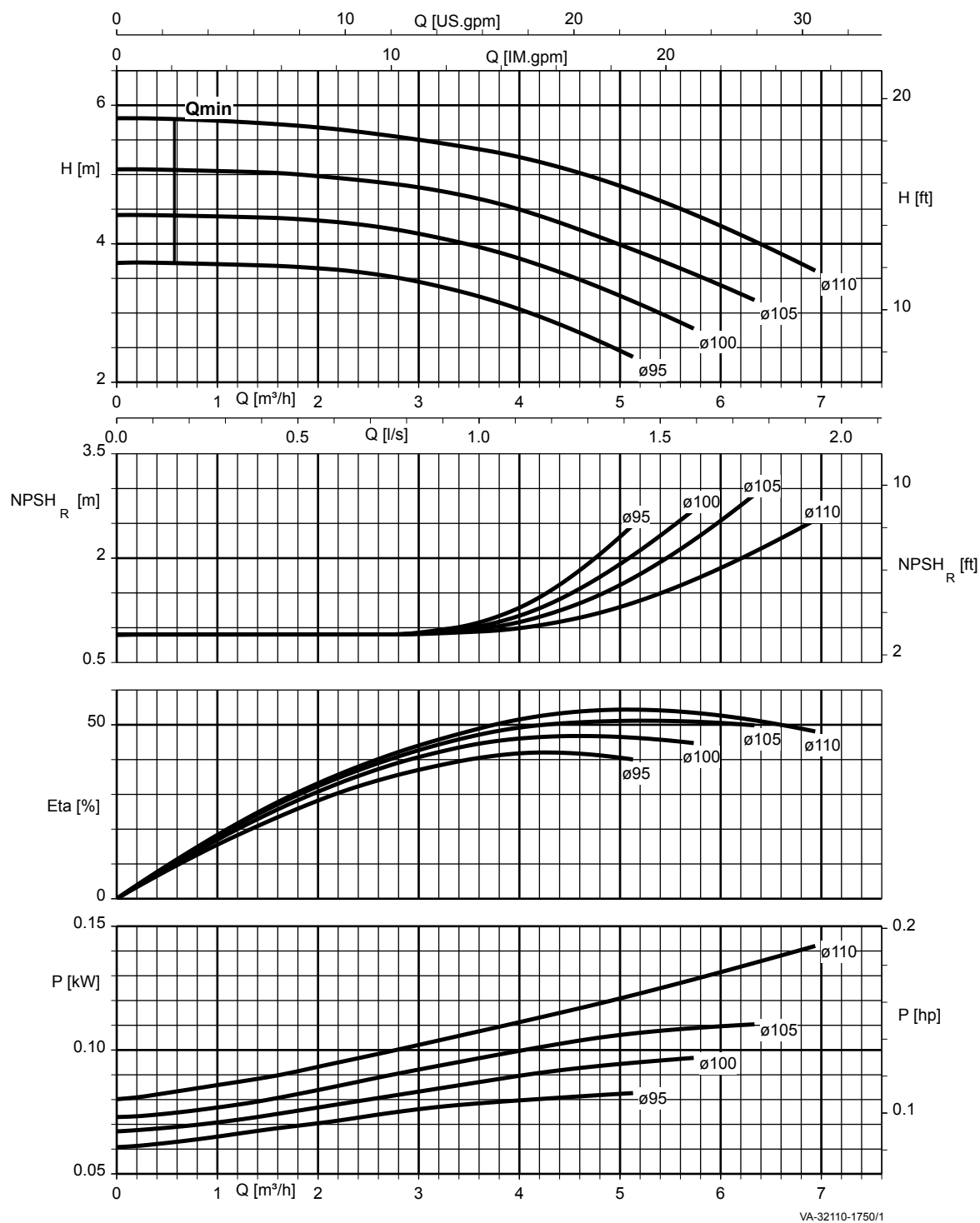


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Vitacast 032-025-175, 1750 rpm

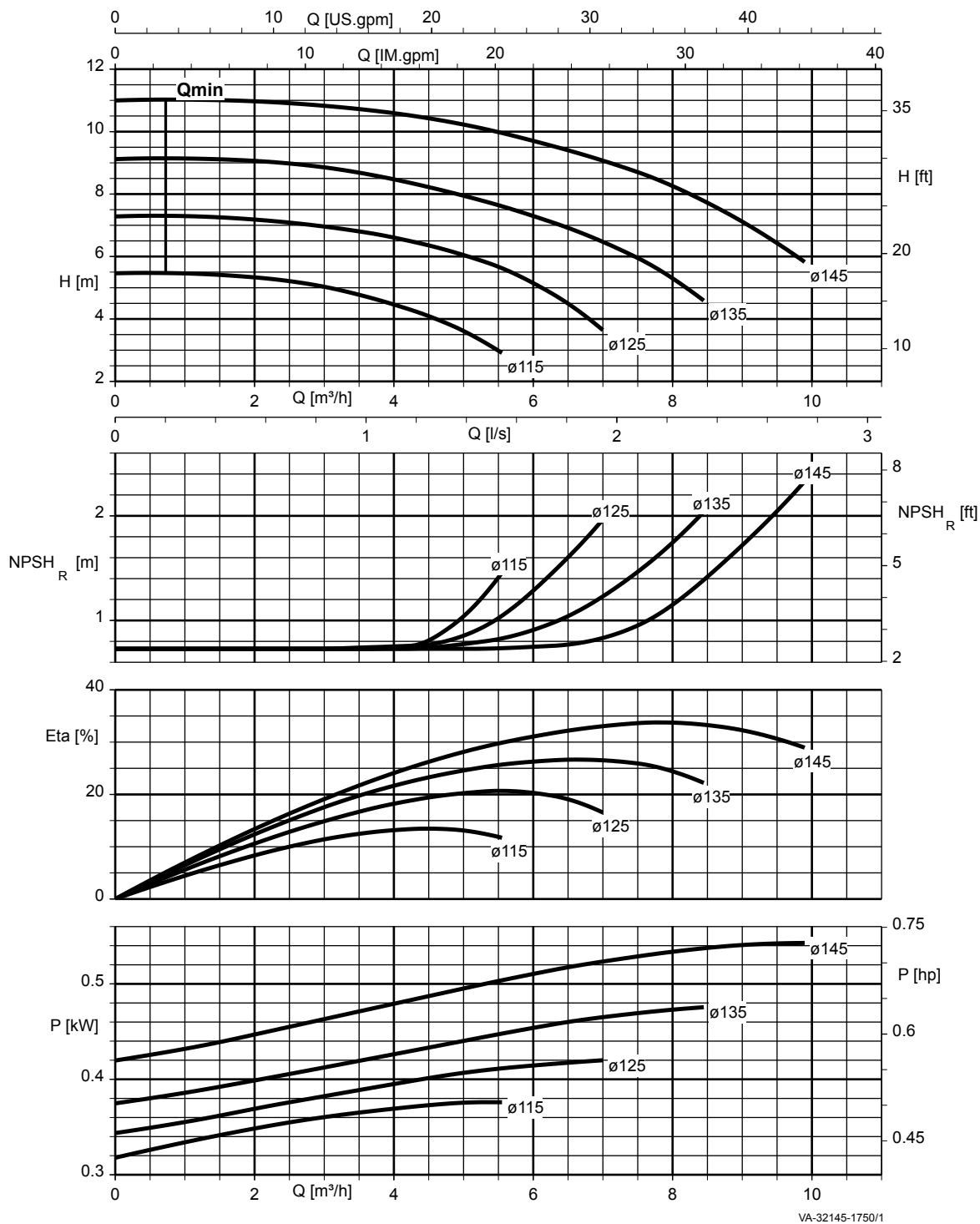


Vitacast 040-032-110, 1750 rpm

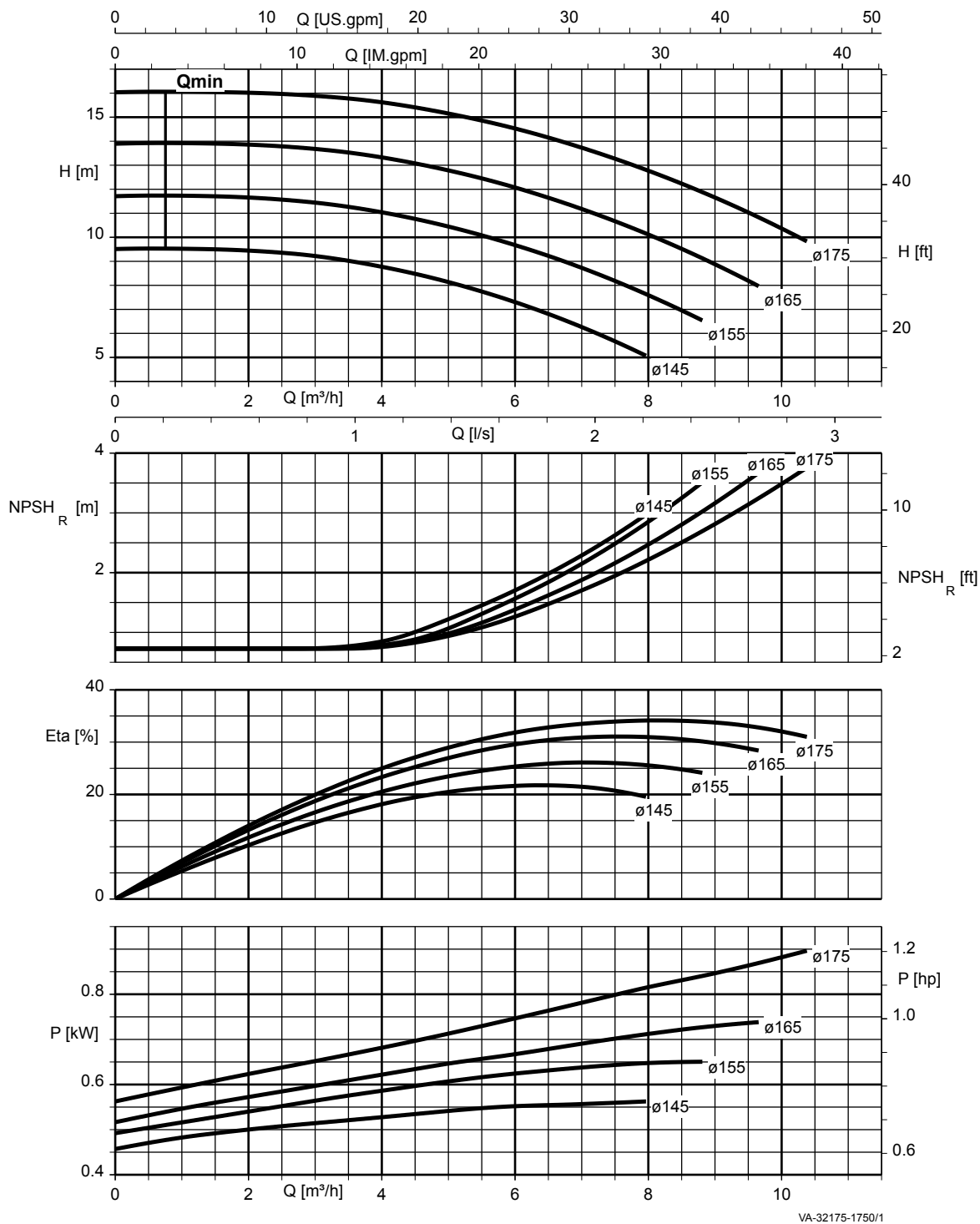


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Vitacast 040-032-145, 1750 rpm

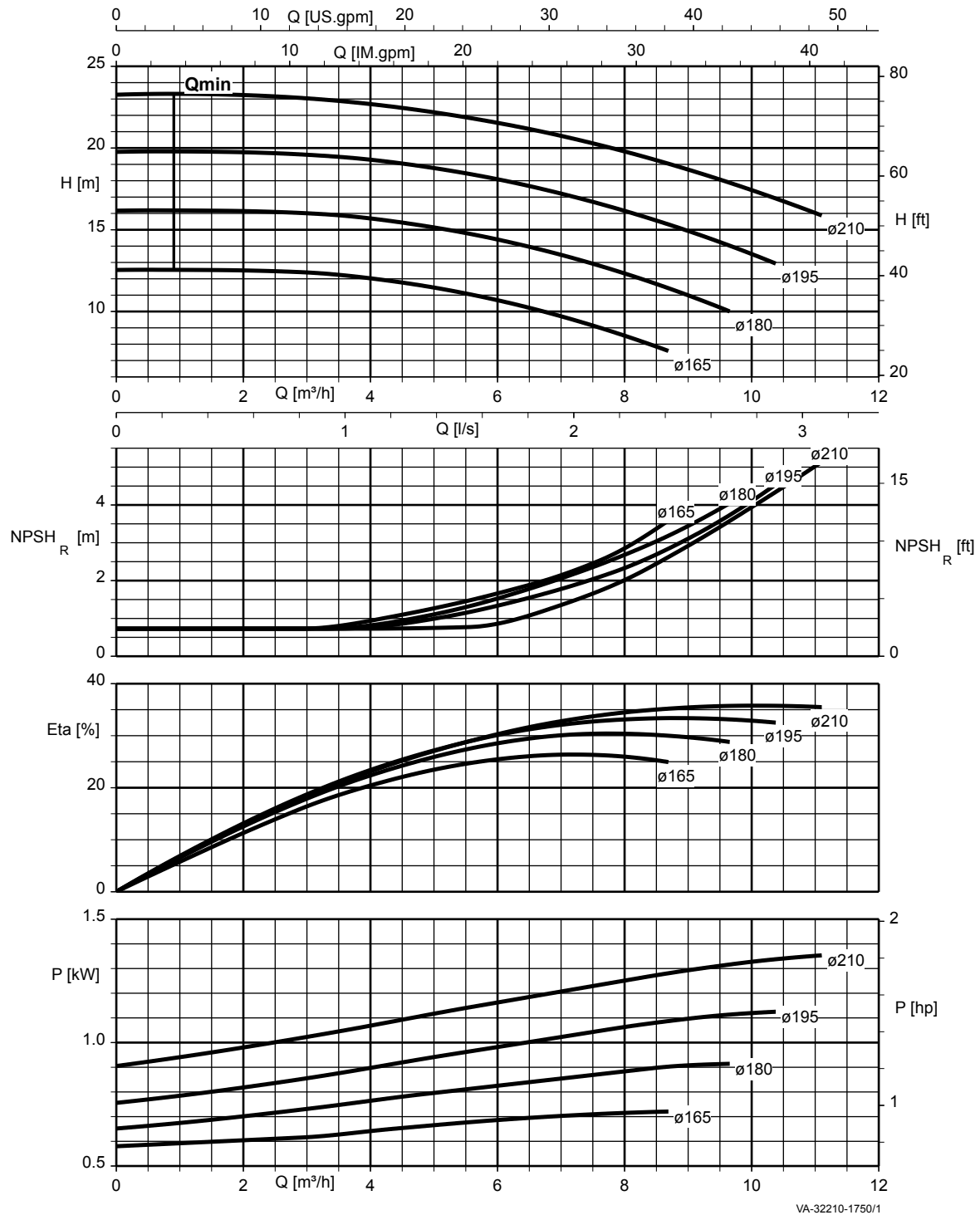


Vitacast 040-032-175, 1750 rpm

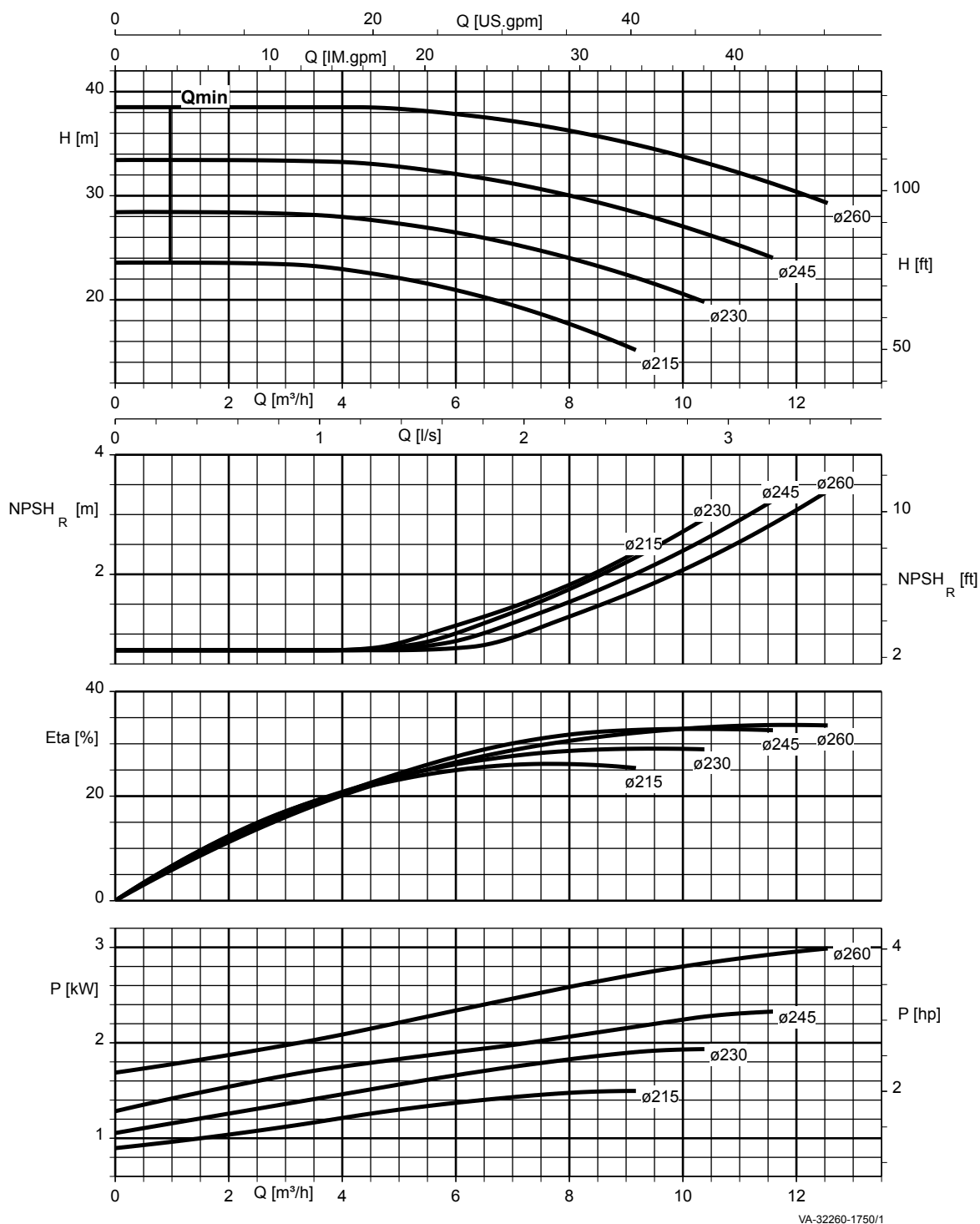


VA-32175-1750/1

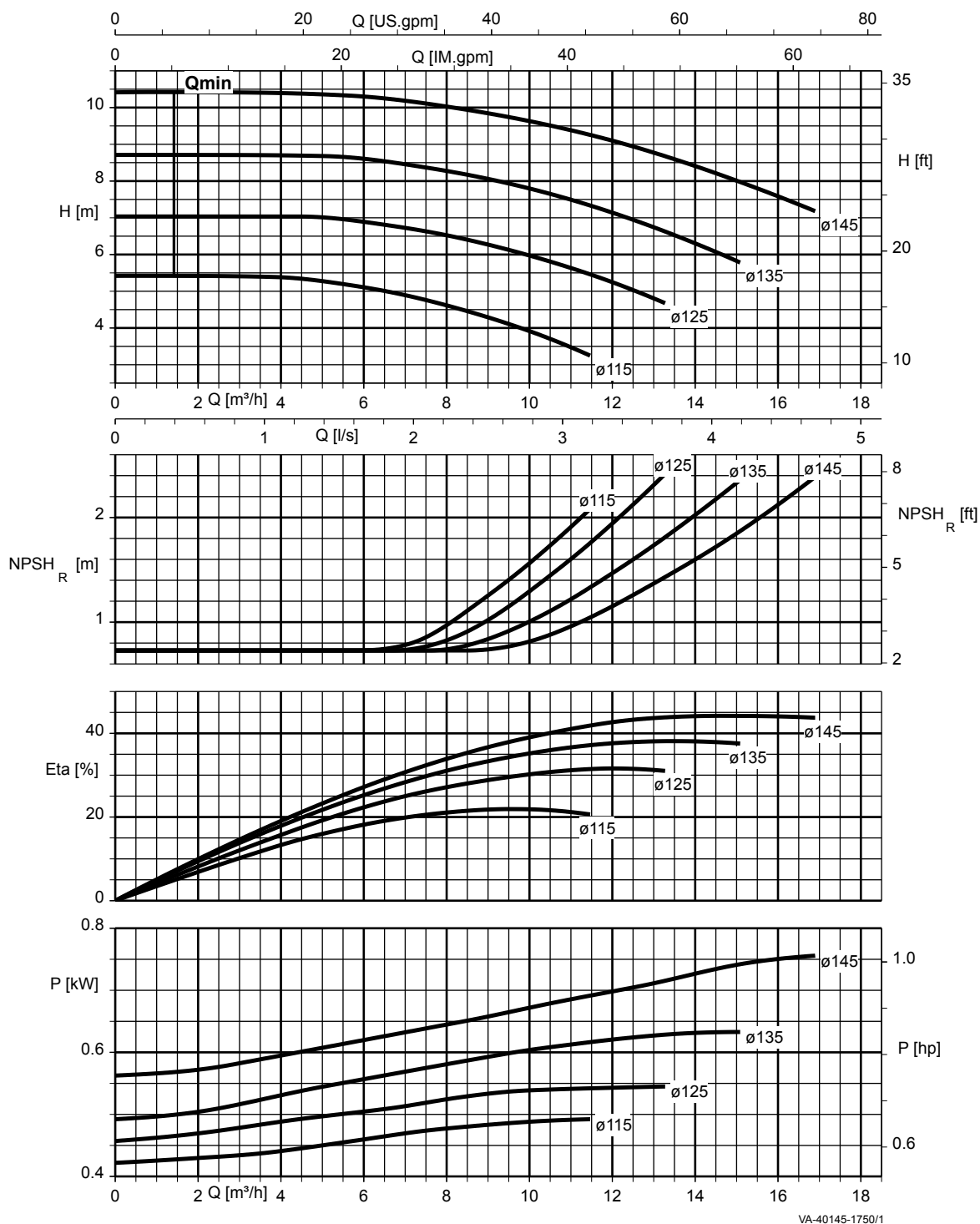
Vitacast 040-032-210, 1750 rpm



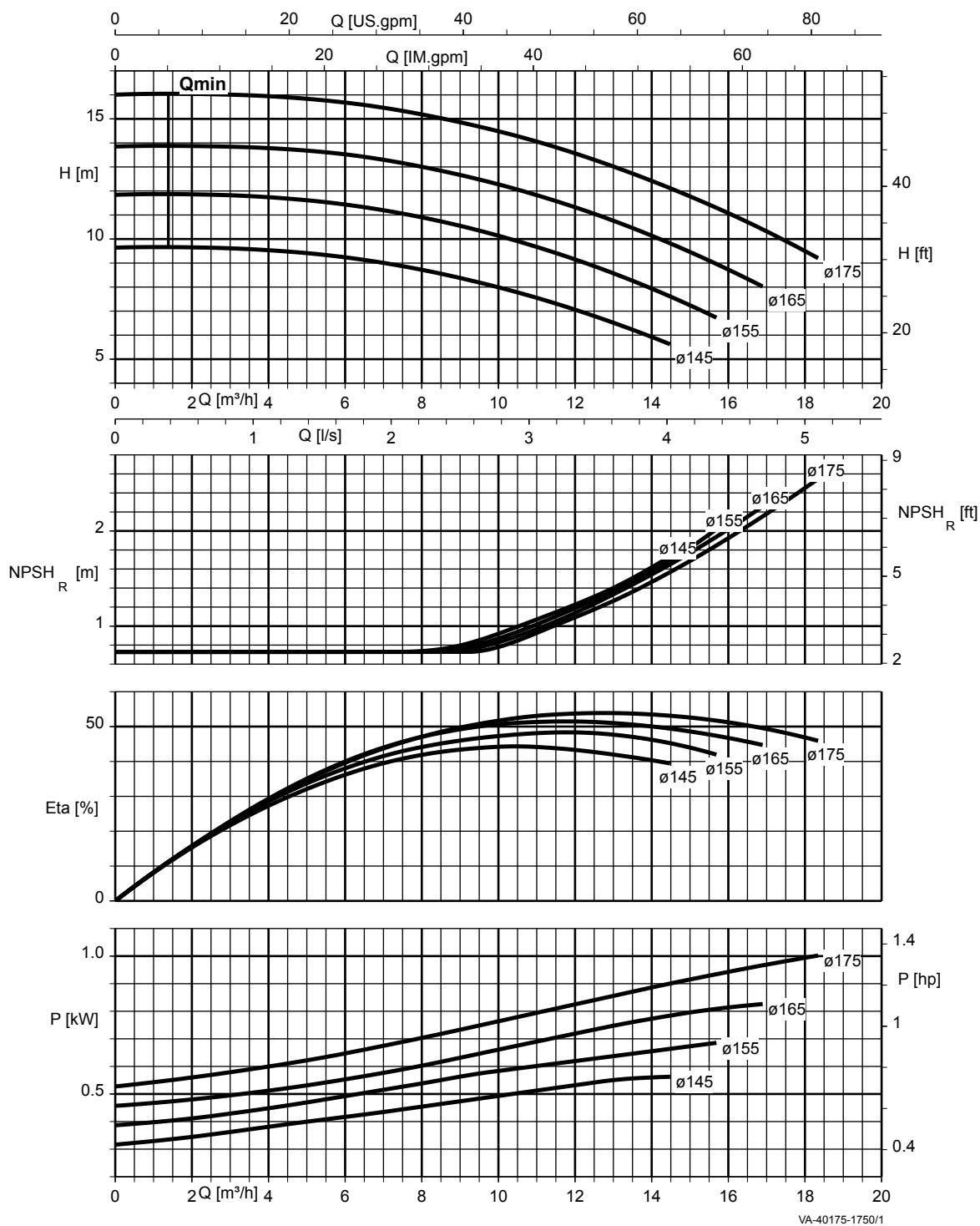
Vitacast 040-032-260, 1750 rpm



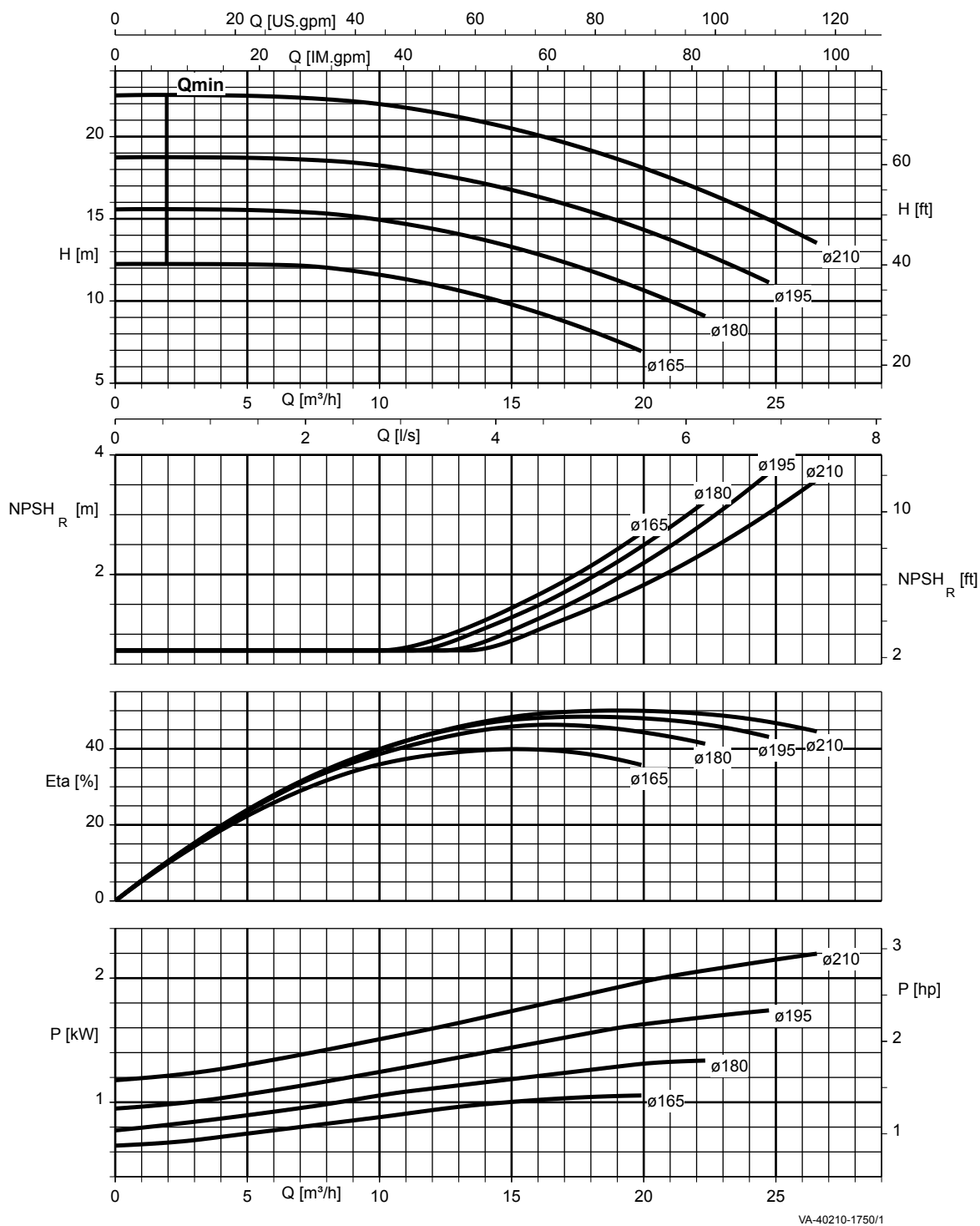
Vitacast 050-040-145, 1750 rpm



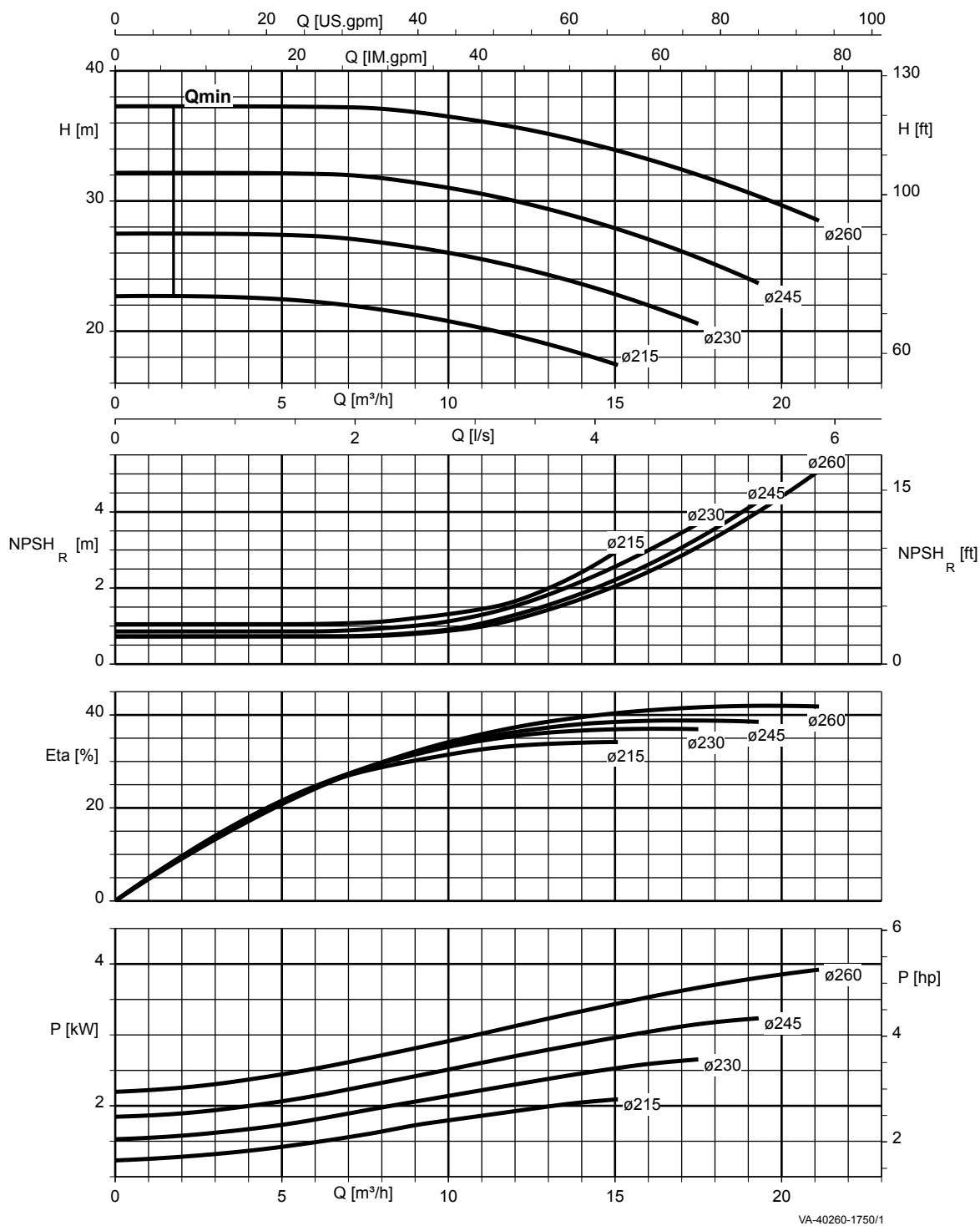
Vitacast 050-040-175, 1750 rpm



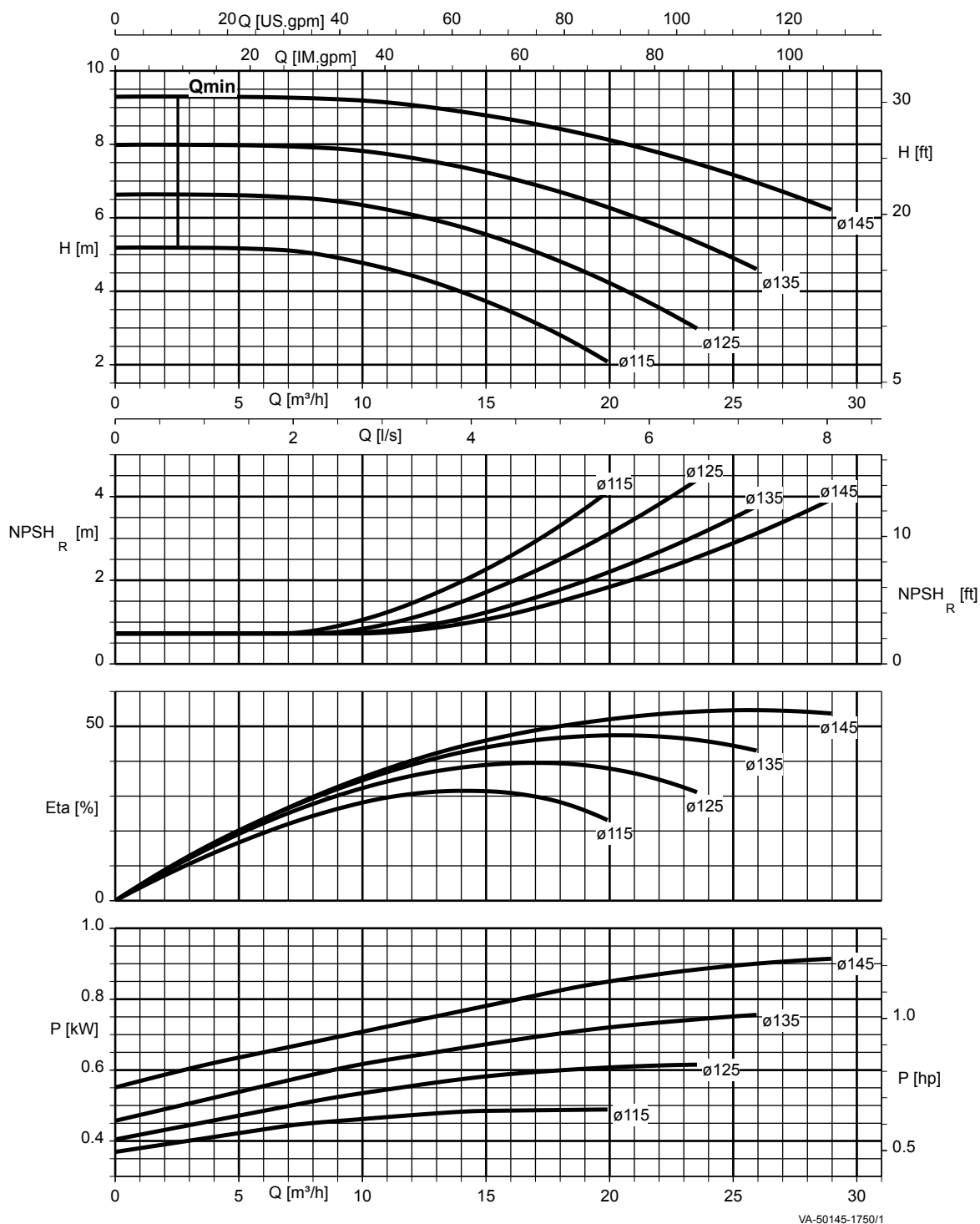
Vitacast 050-040-210, 1750 rpm



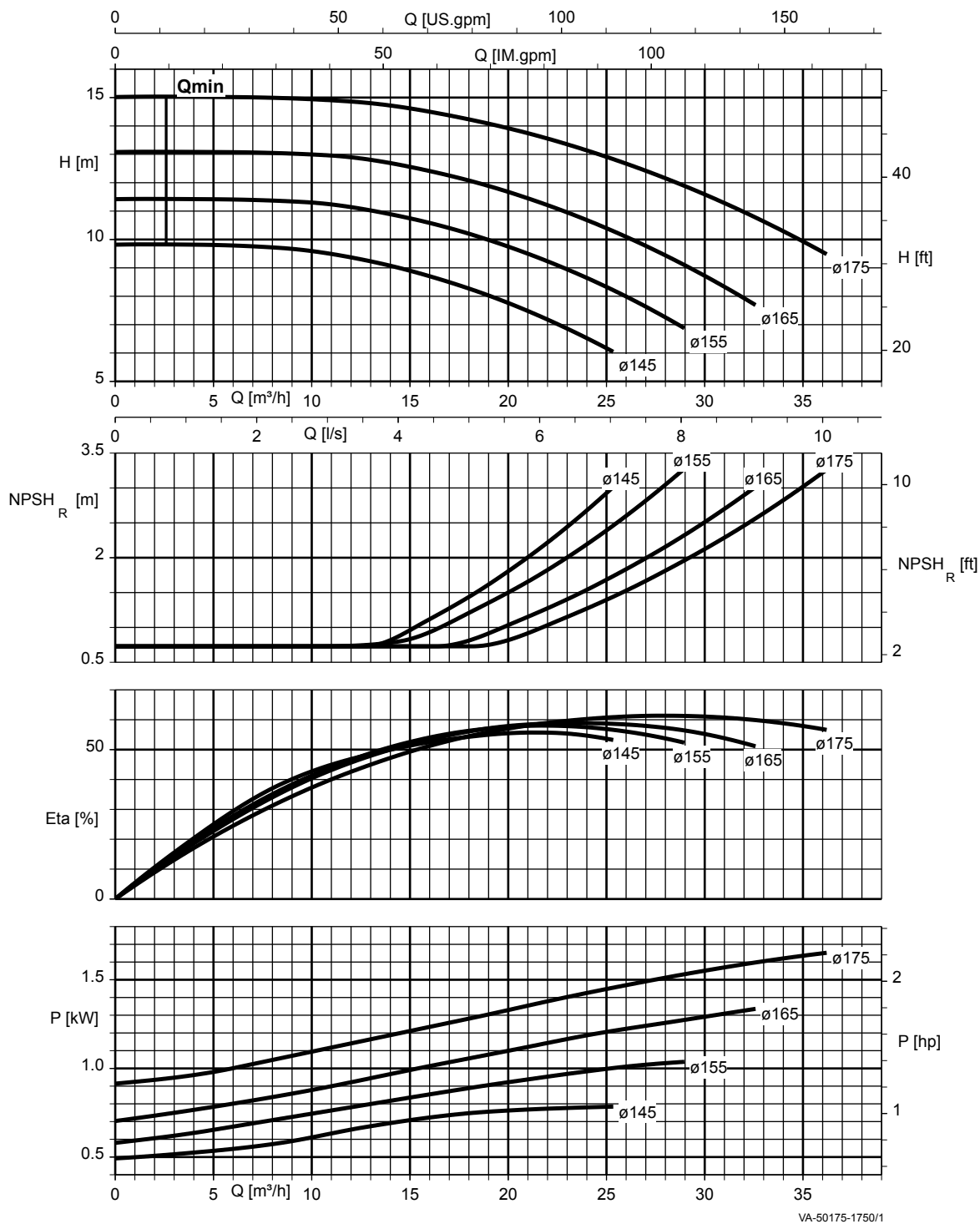
Vitacast 050-040-260, 1750 rpm



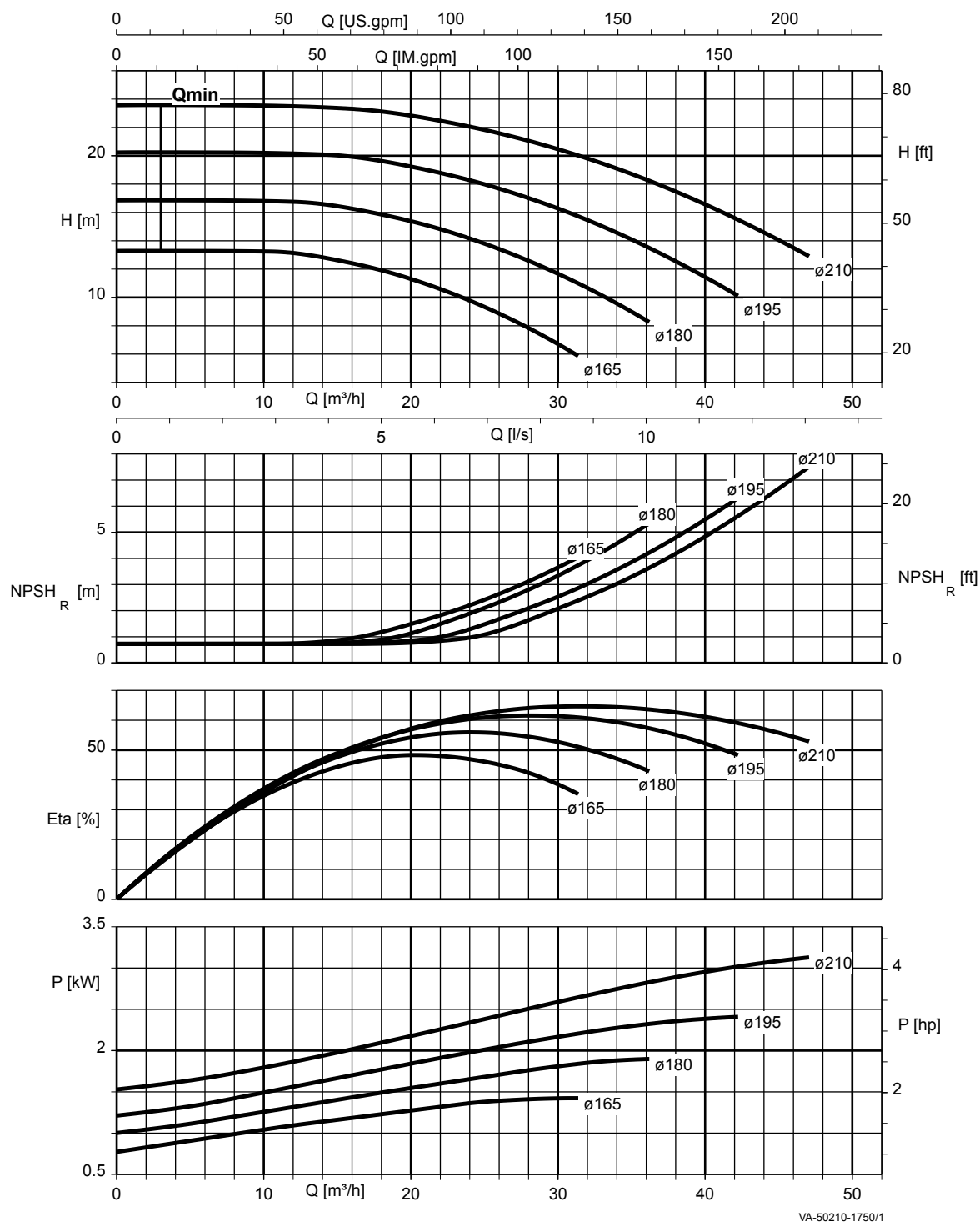
Vitacast 065-050-145, 1750 rpm



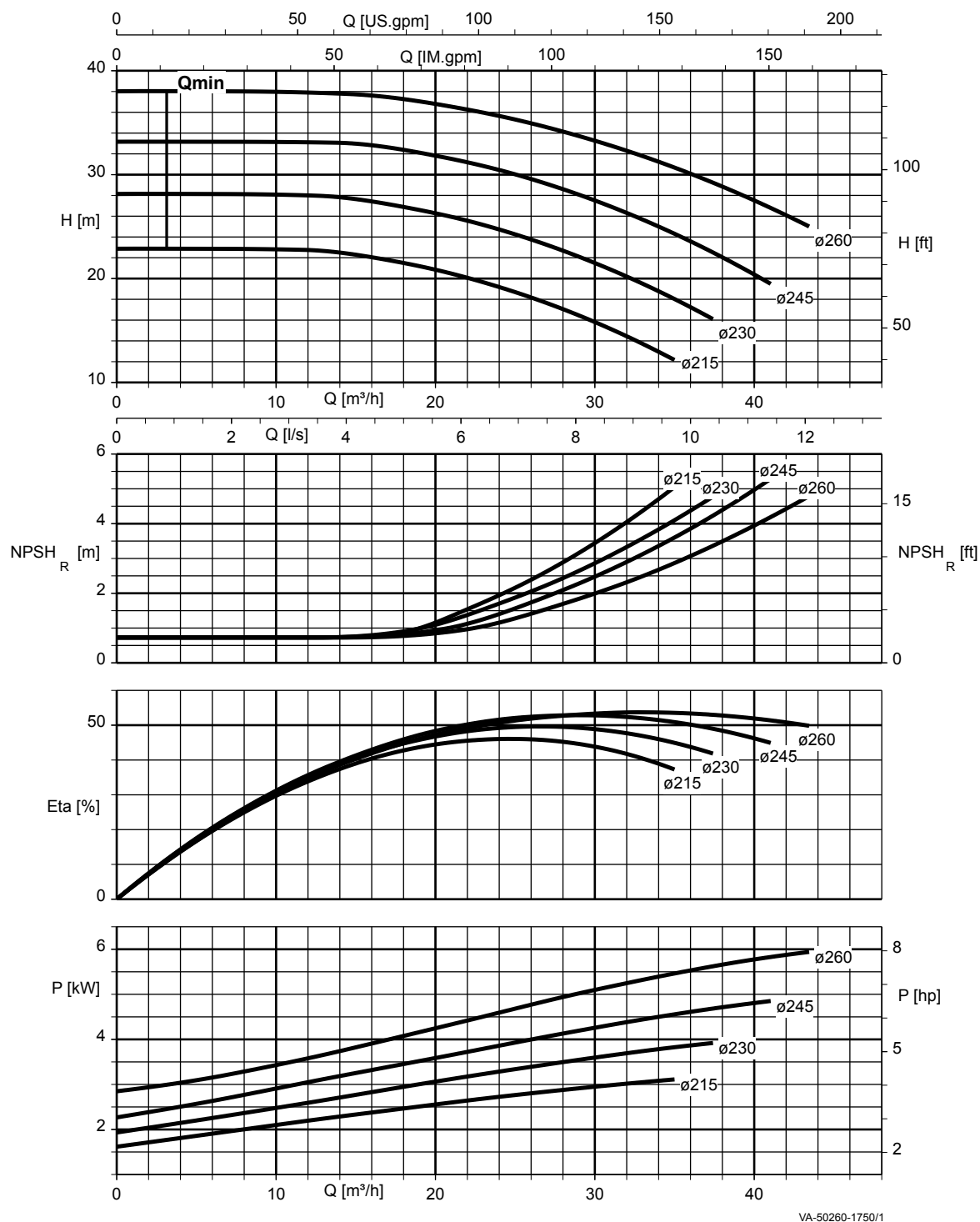
Vitacast 065-050-175, 1750 rpm



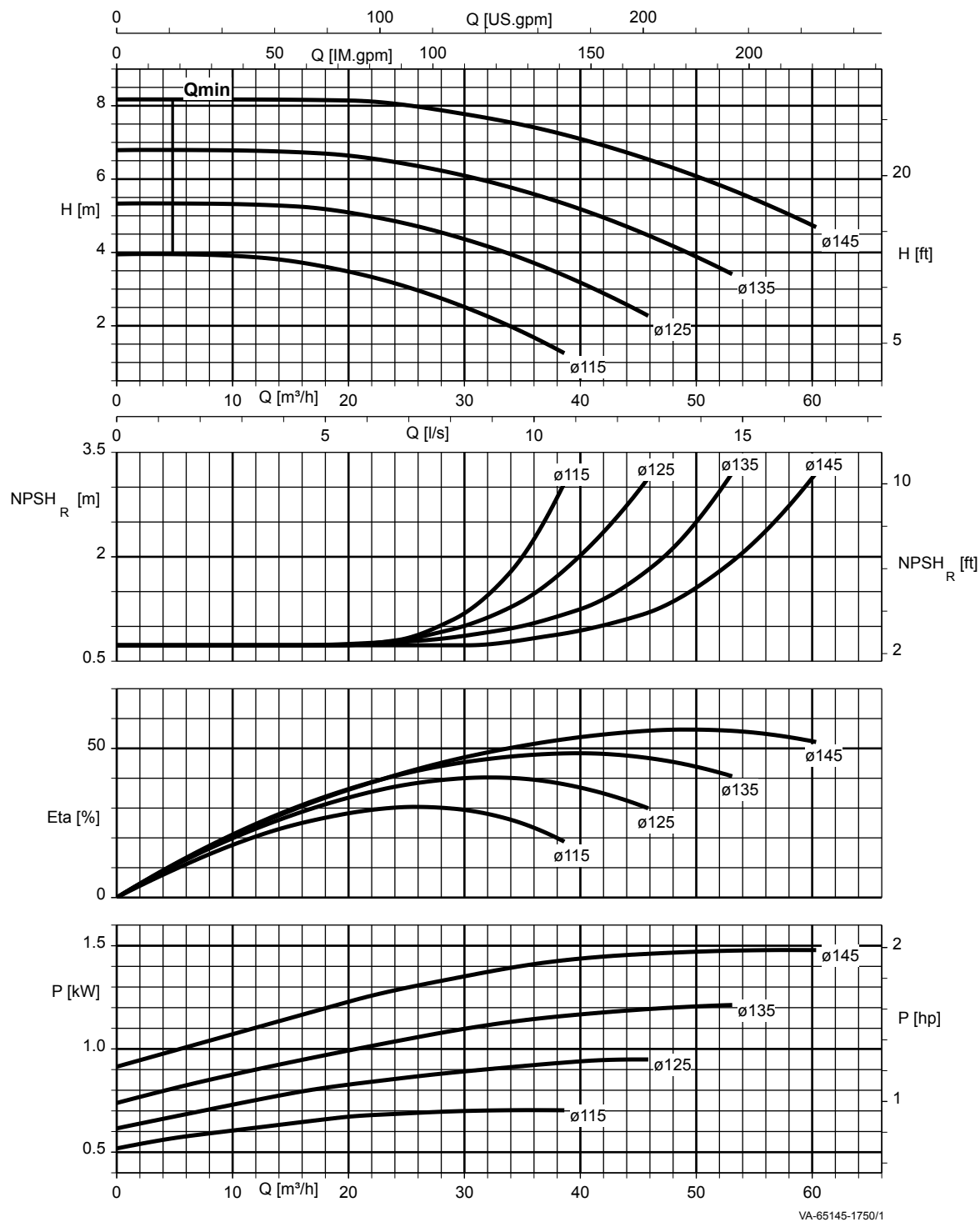
Vitacast 065-050-210, 1750 rpm



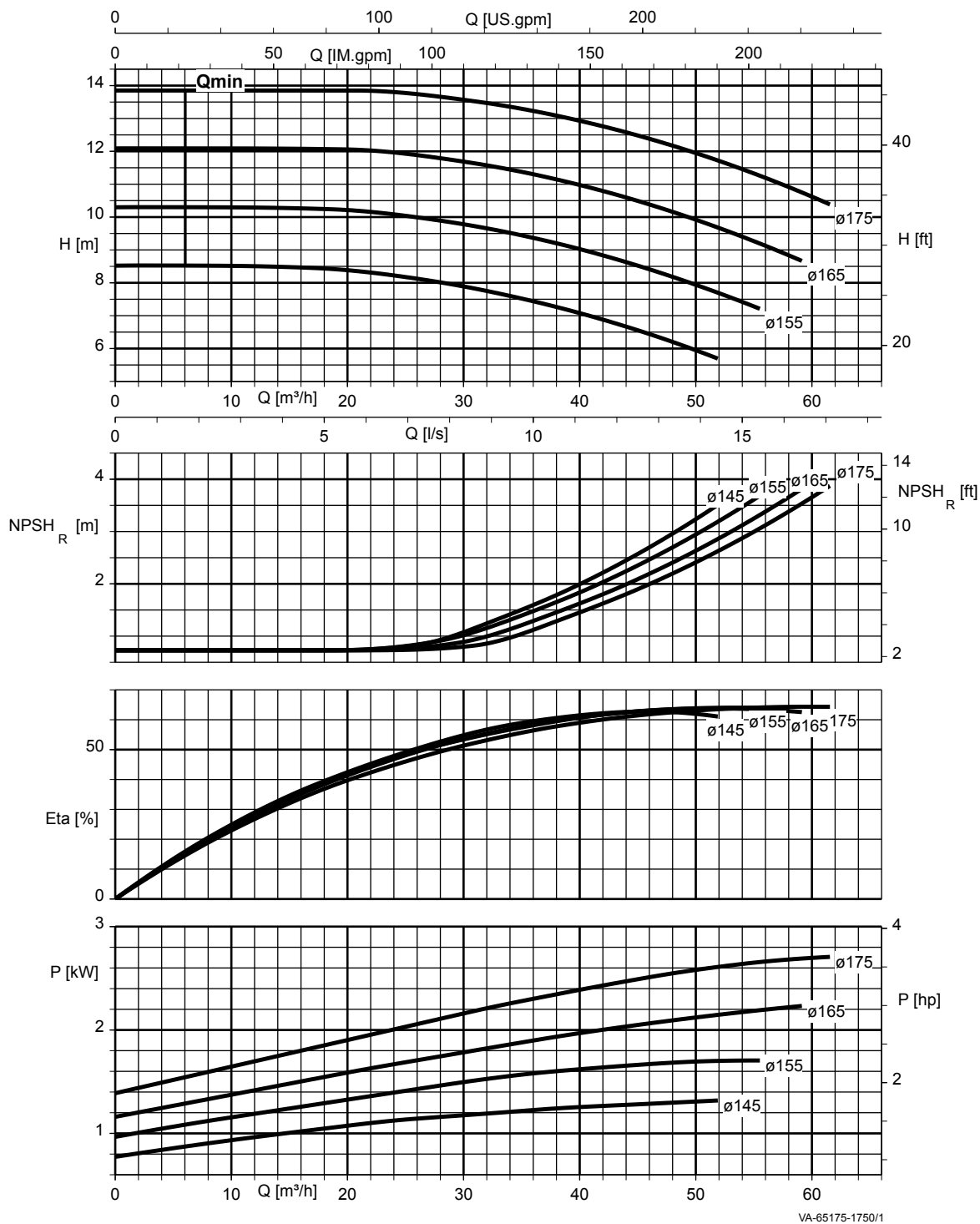
Vitacast 065-050-260, 1750 rpm



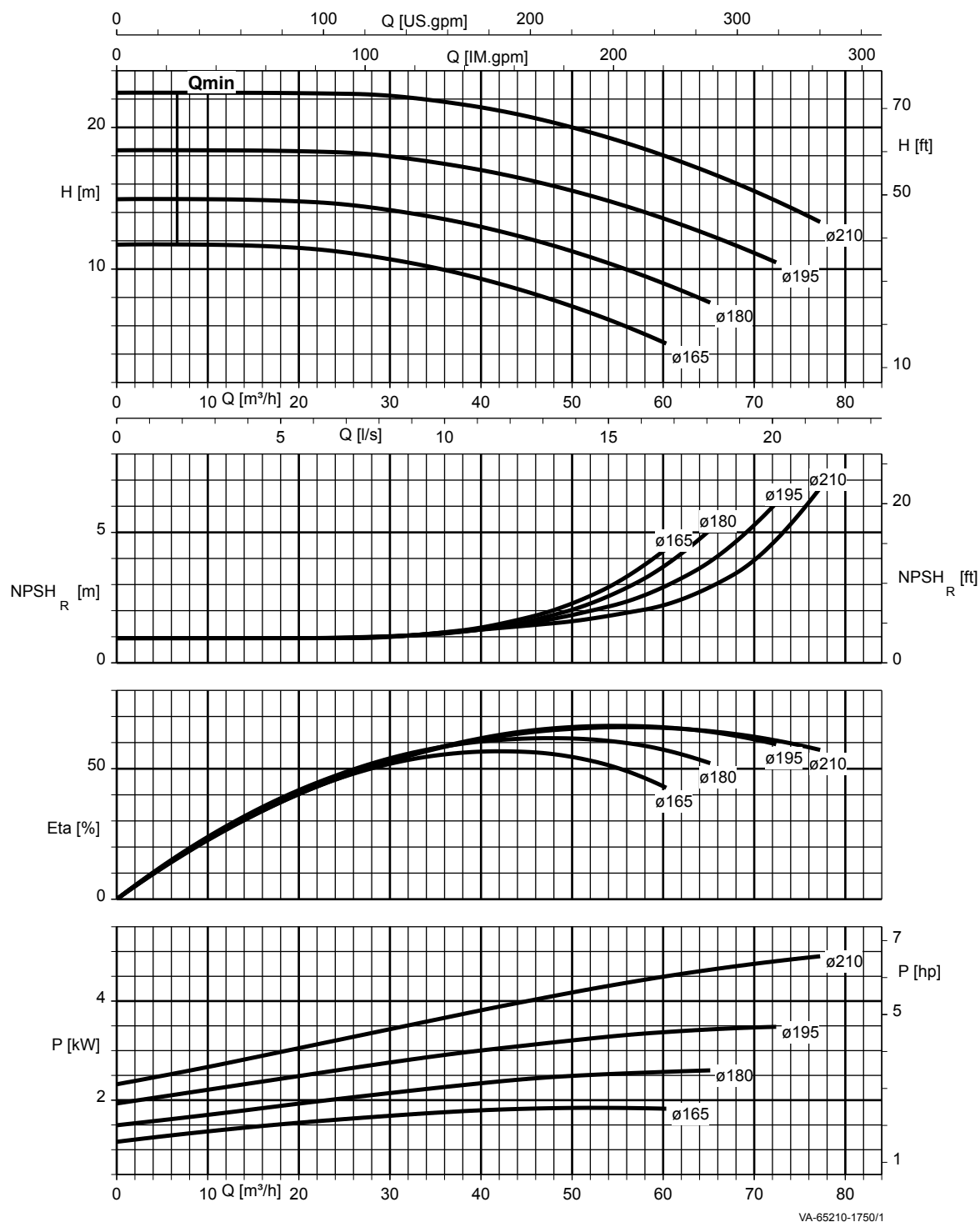
Vitacast 080-065-145, 1750 rpm



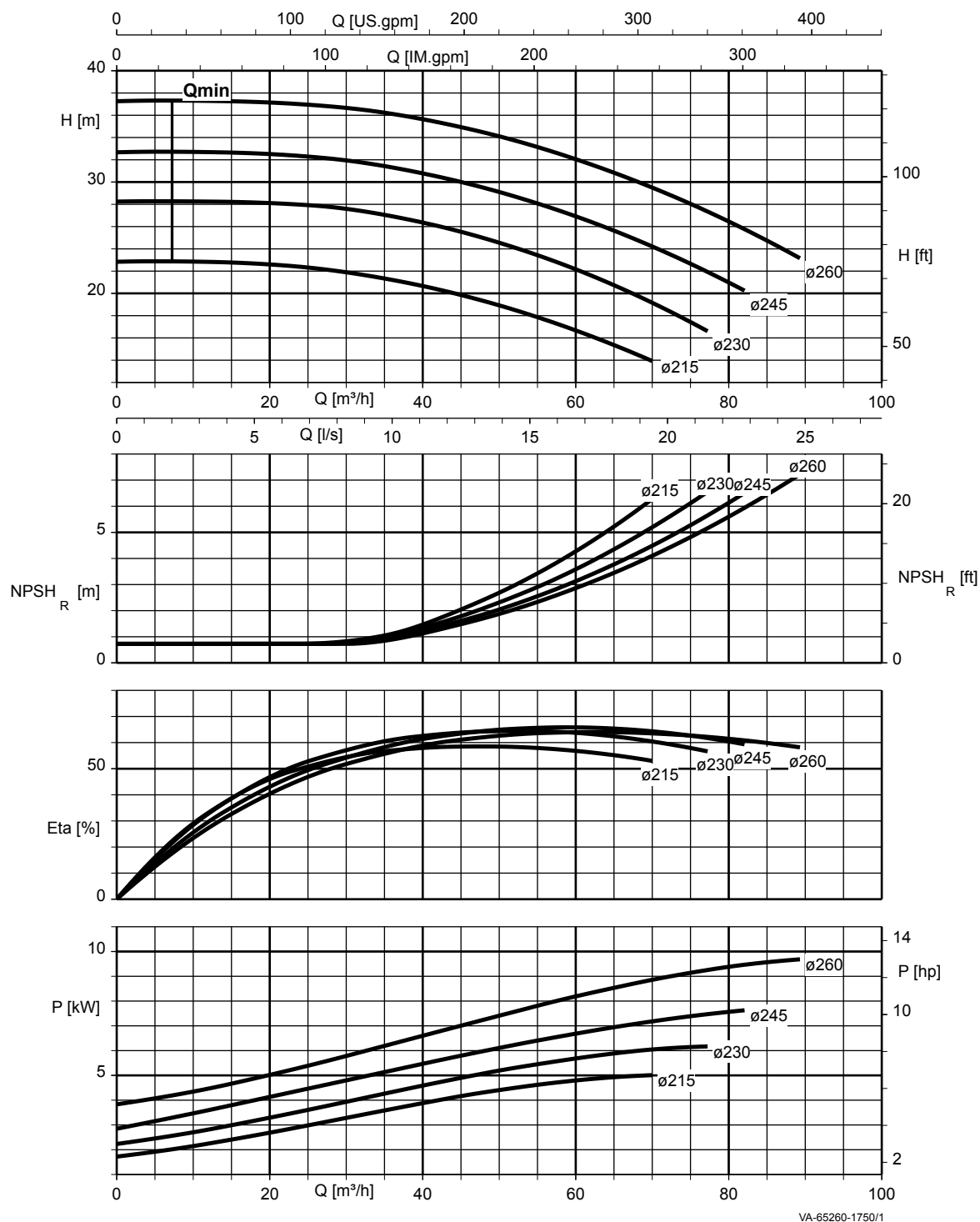
Vitacast 080-065-175, 1750 rpm



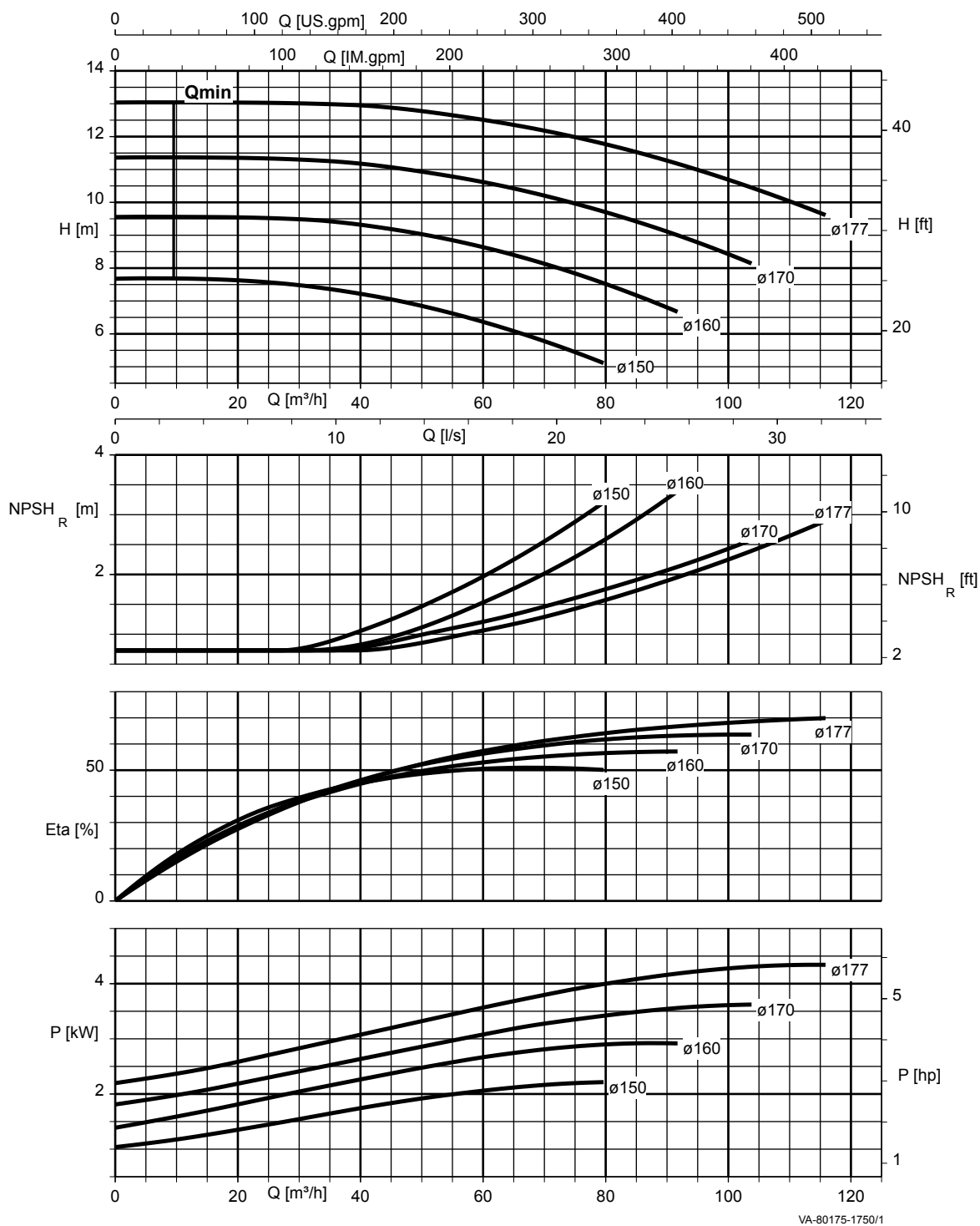
Vitacast 080-065-210, 1750 rpm



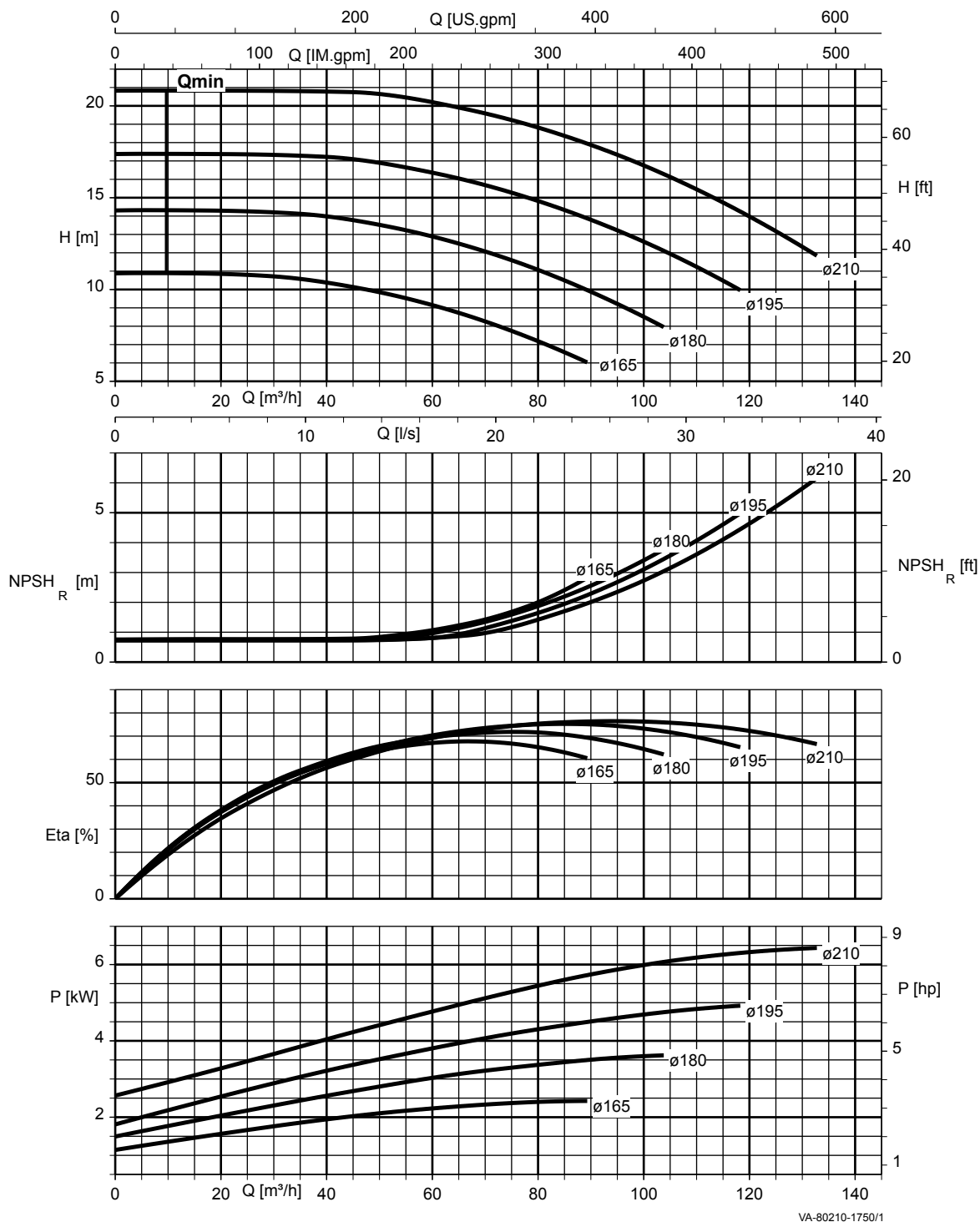
Vitacast 080-065-260, 1750 rpm



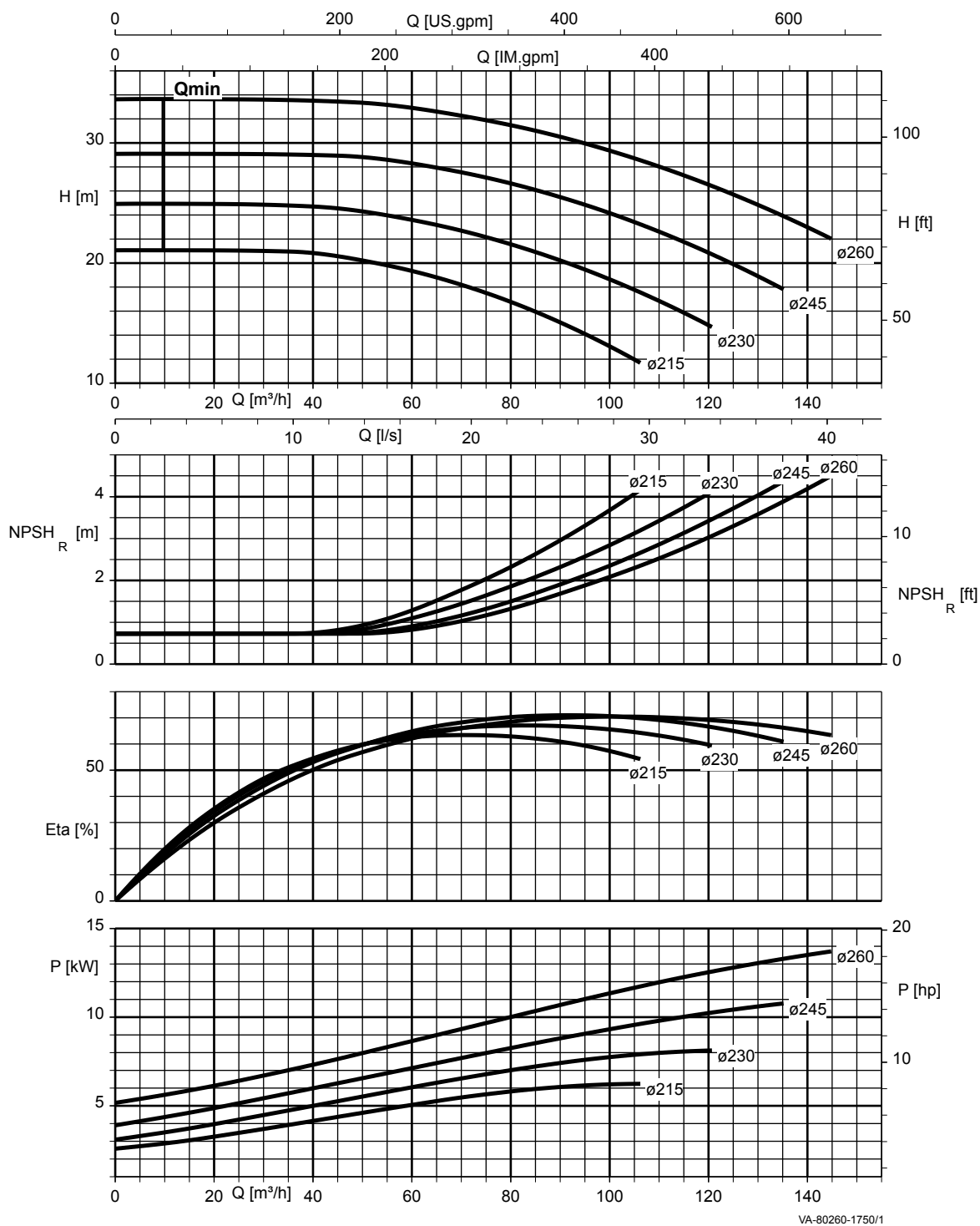
Vitacast 100-080-175, 1750 rpm



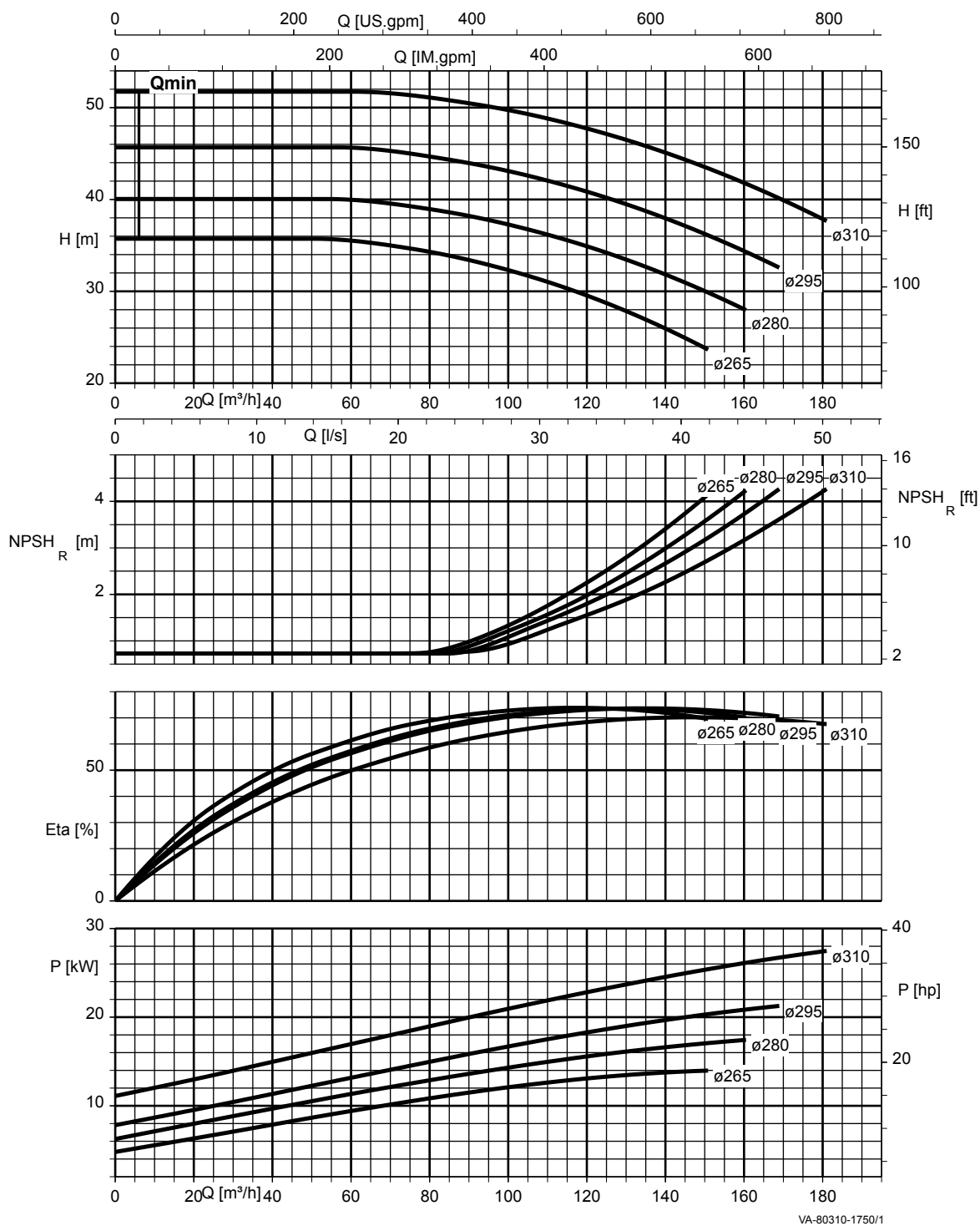
Vitacast 100-080-210, 1750 rpm



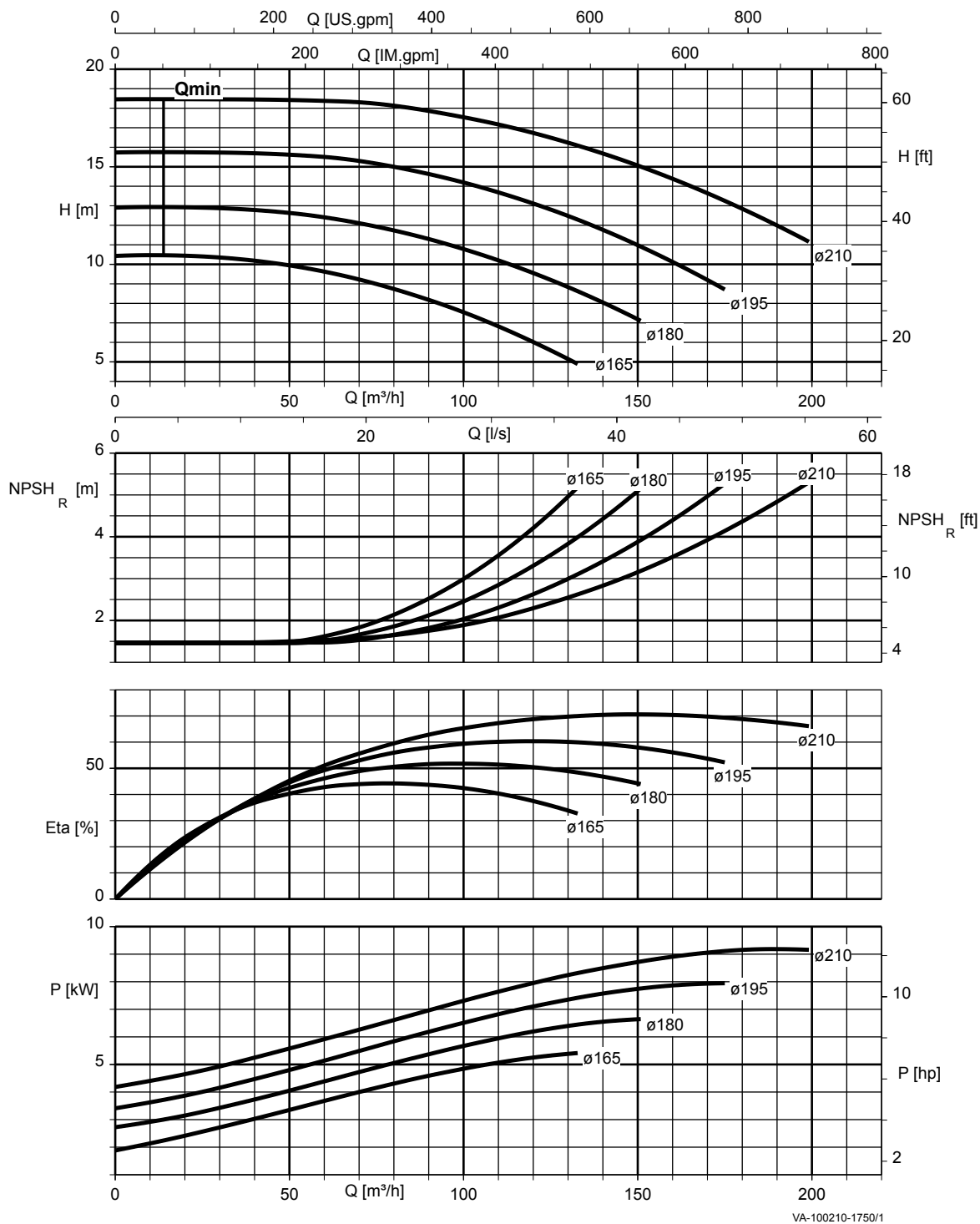
Vitacast 100-080-260, 1750 rpm



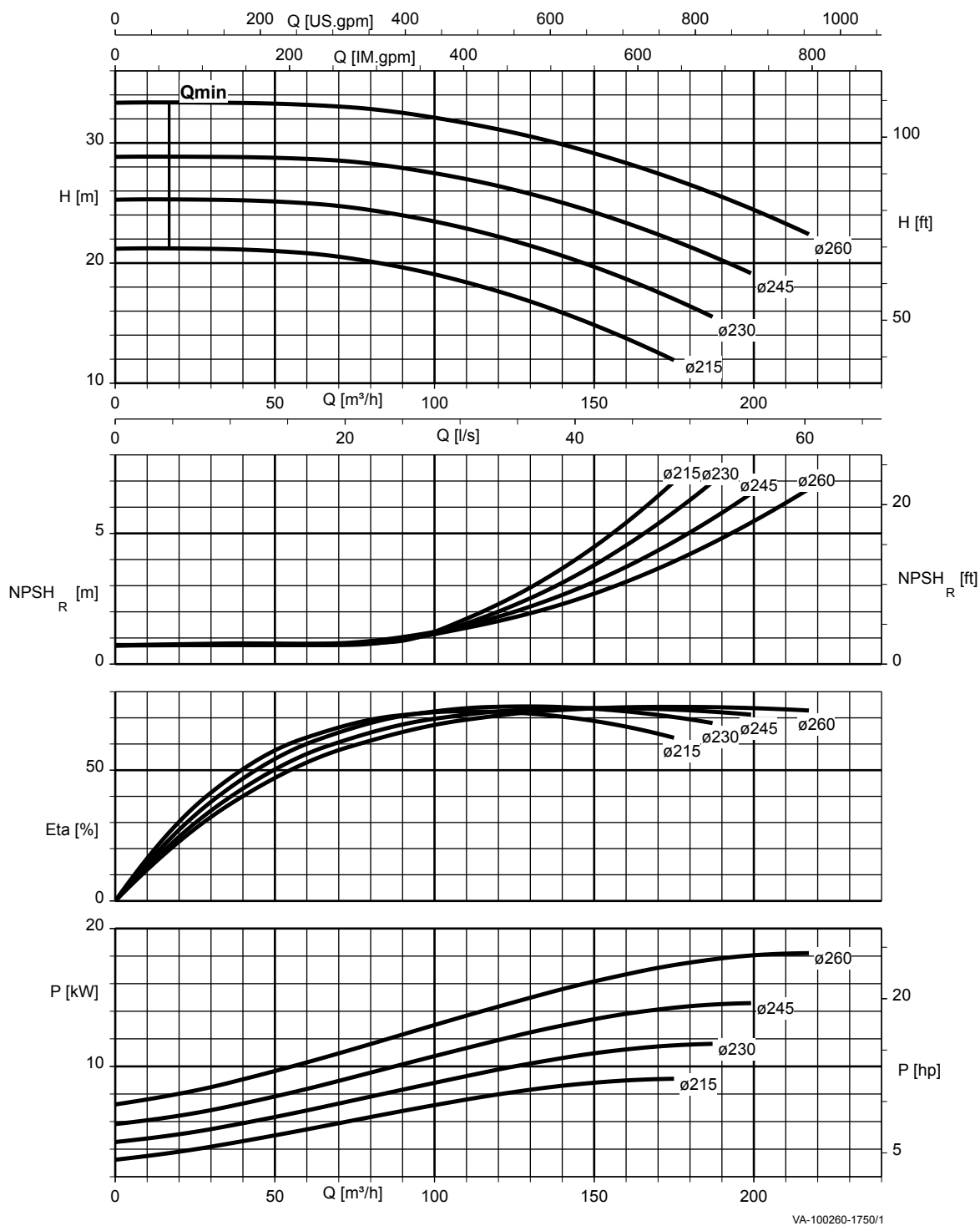
Vitacast 100-080-310, 1750 rpm



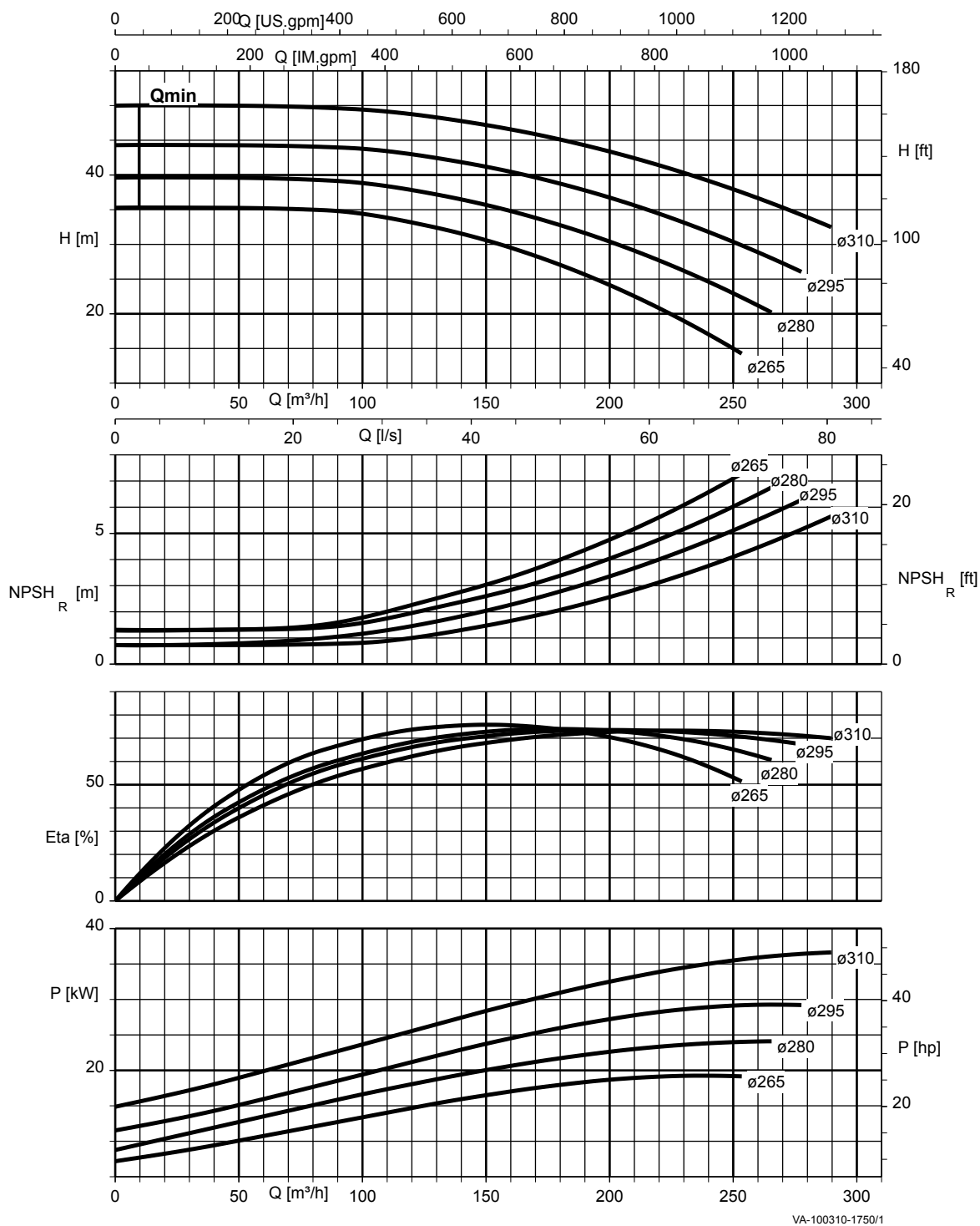
Vitacast 125-100-210, 1750 rpm



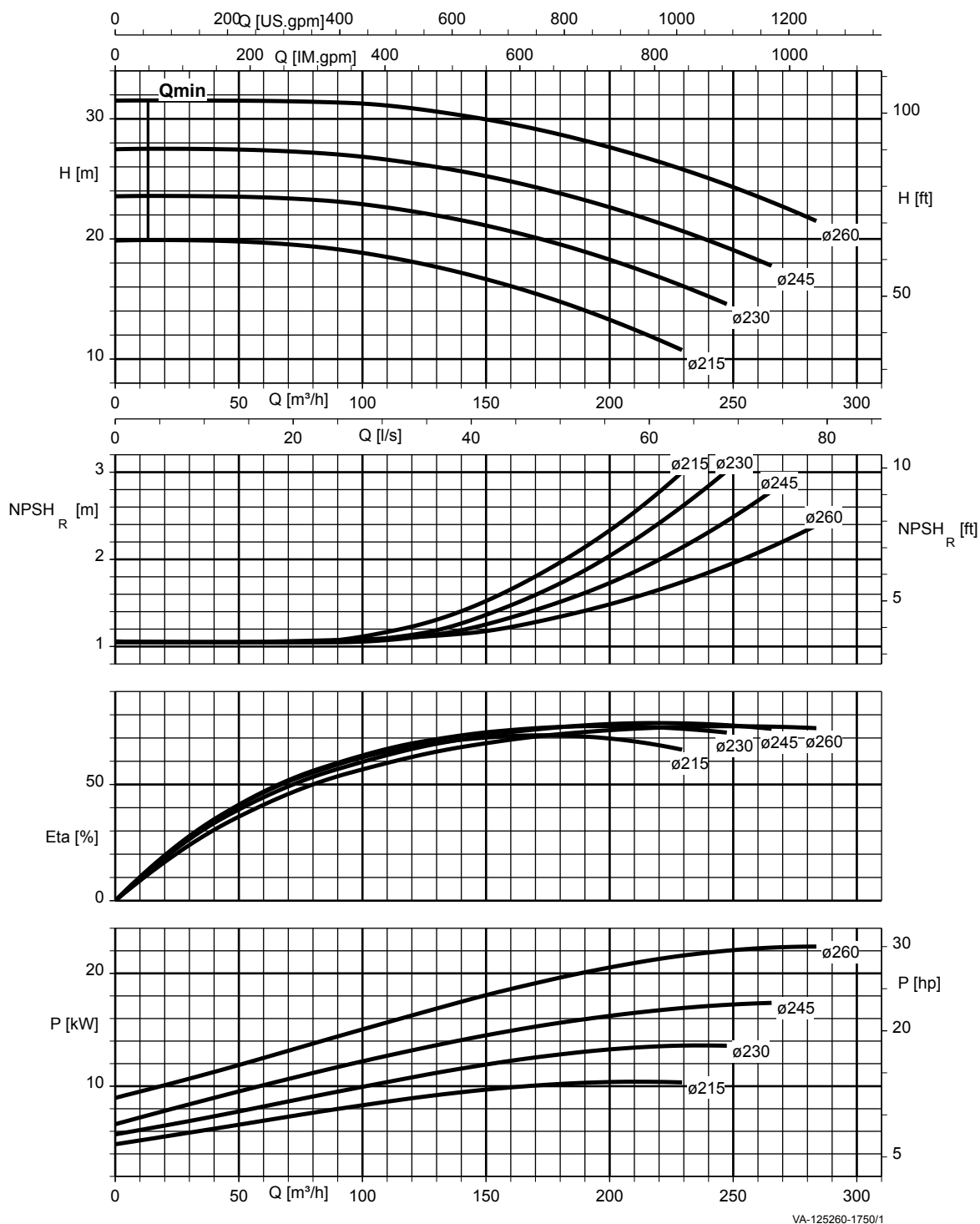
Vitacast 125-100-260, 1750 rpm



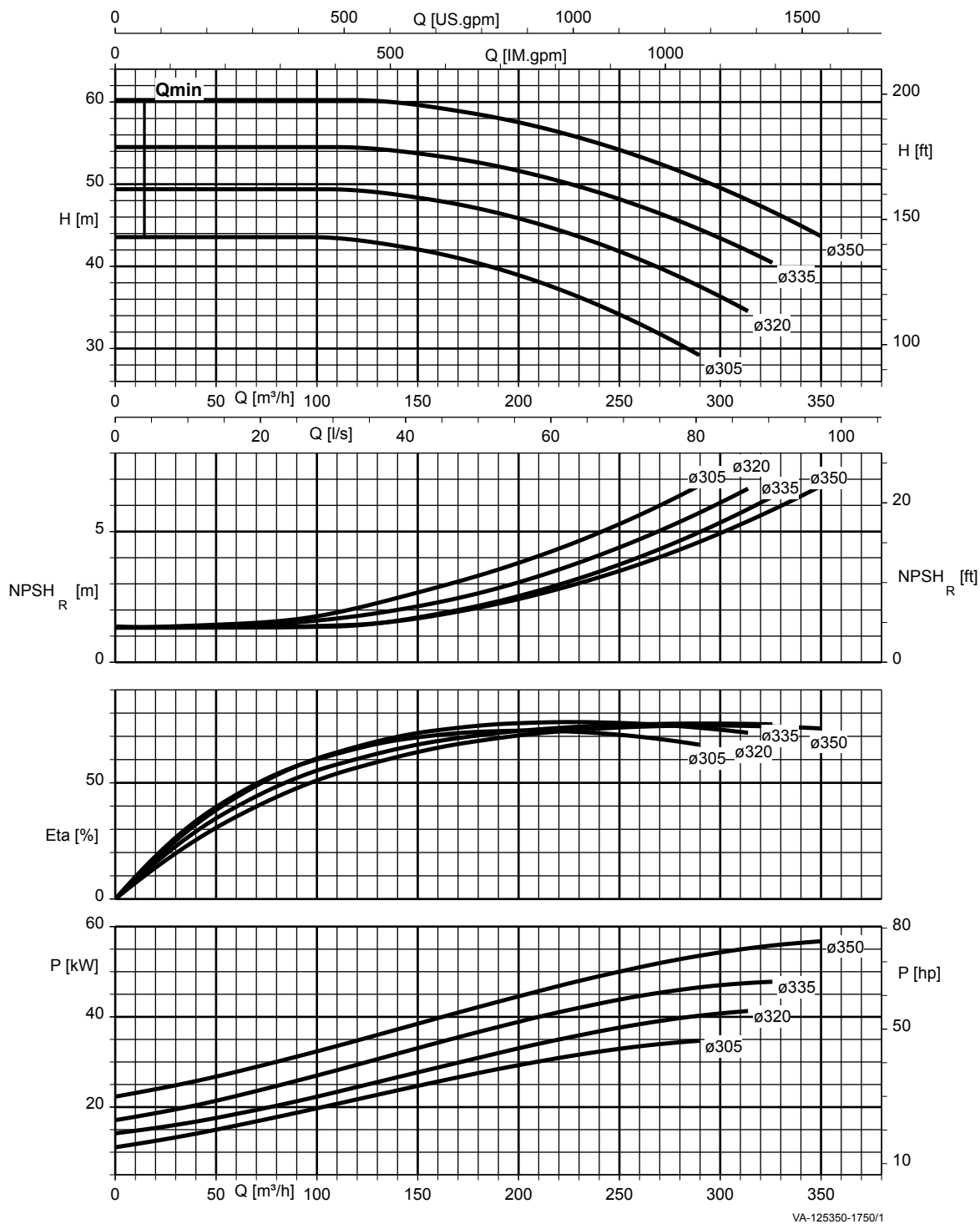
Vitacast 125-100-310, 1750 rpm



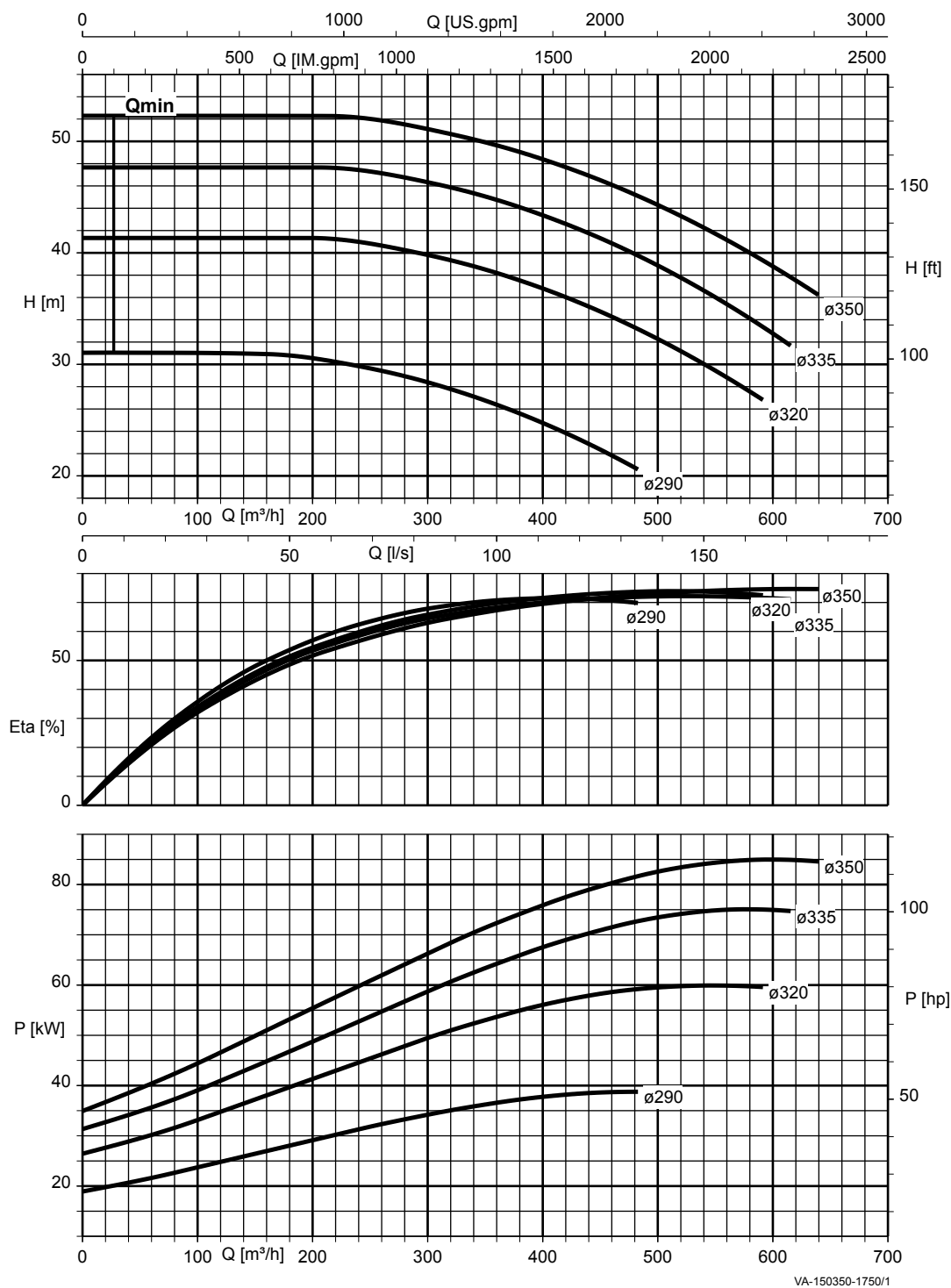
Vitacast 150-125-260, 1750 rpm



Vitacast 150-125-350, 1750 rpm

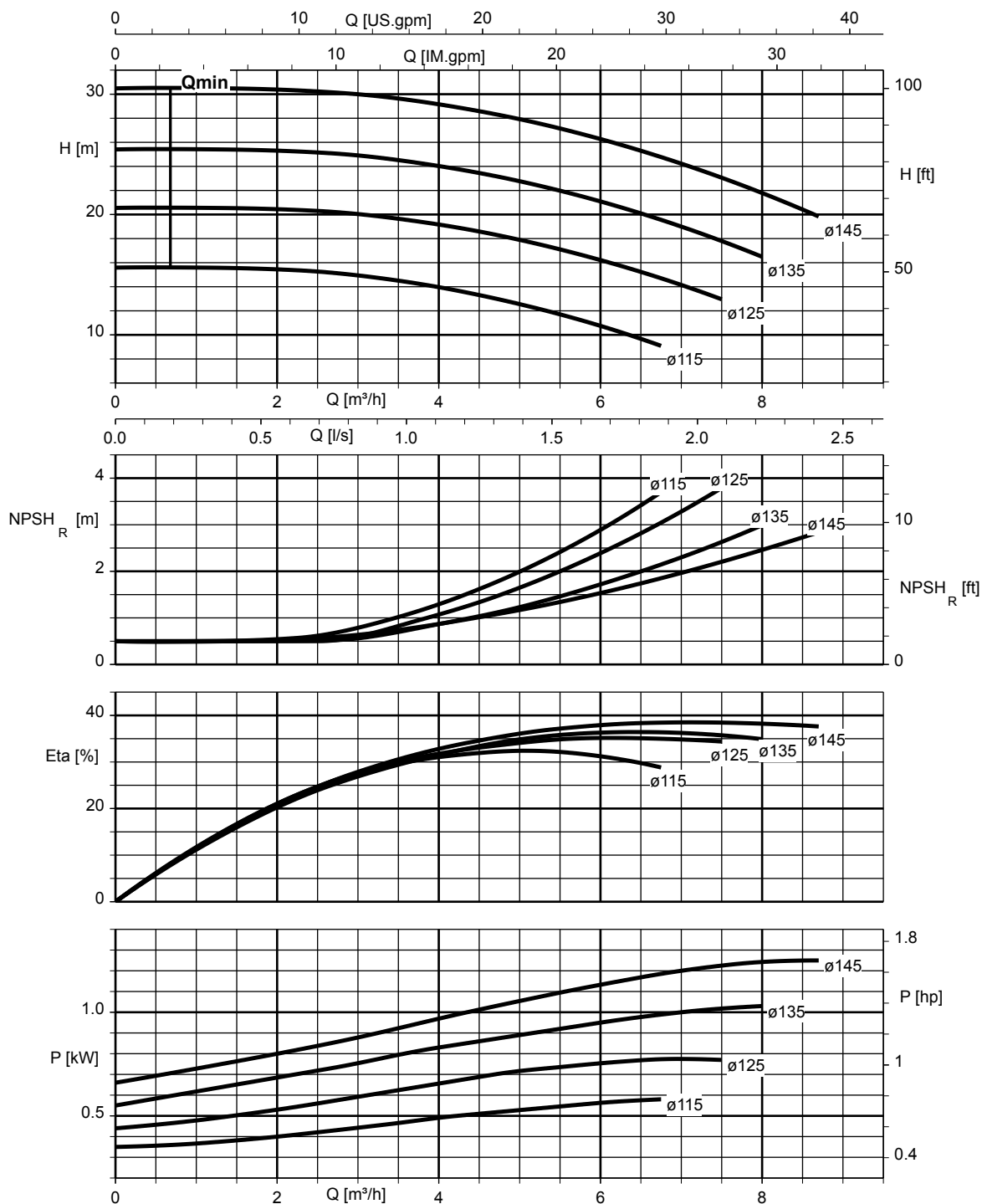


Vitacast 200-150-350, 1750 rpm



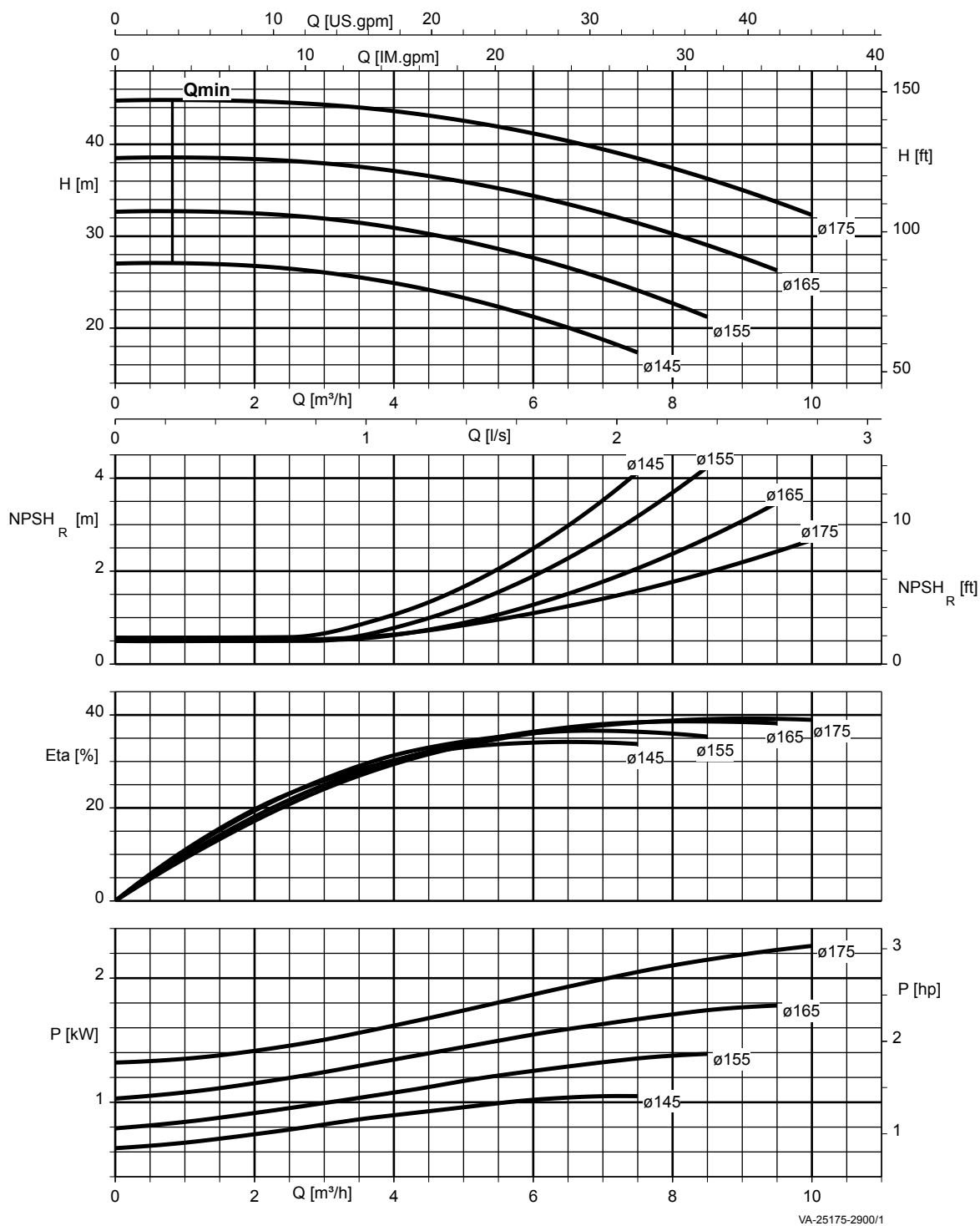
$n = 2.900 \text{ rpm}$

Vitacast 032-025-145, 2900 rpm

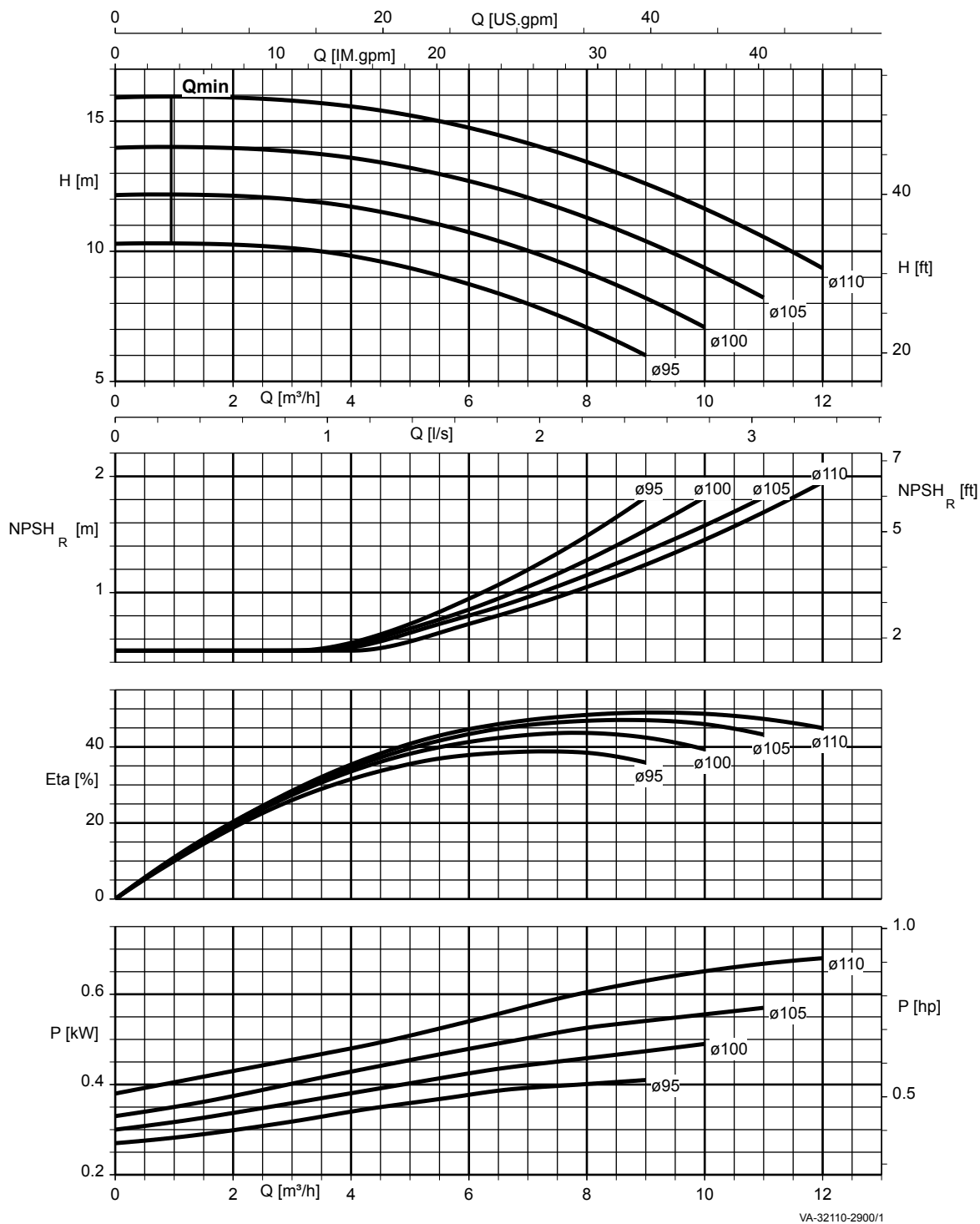


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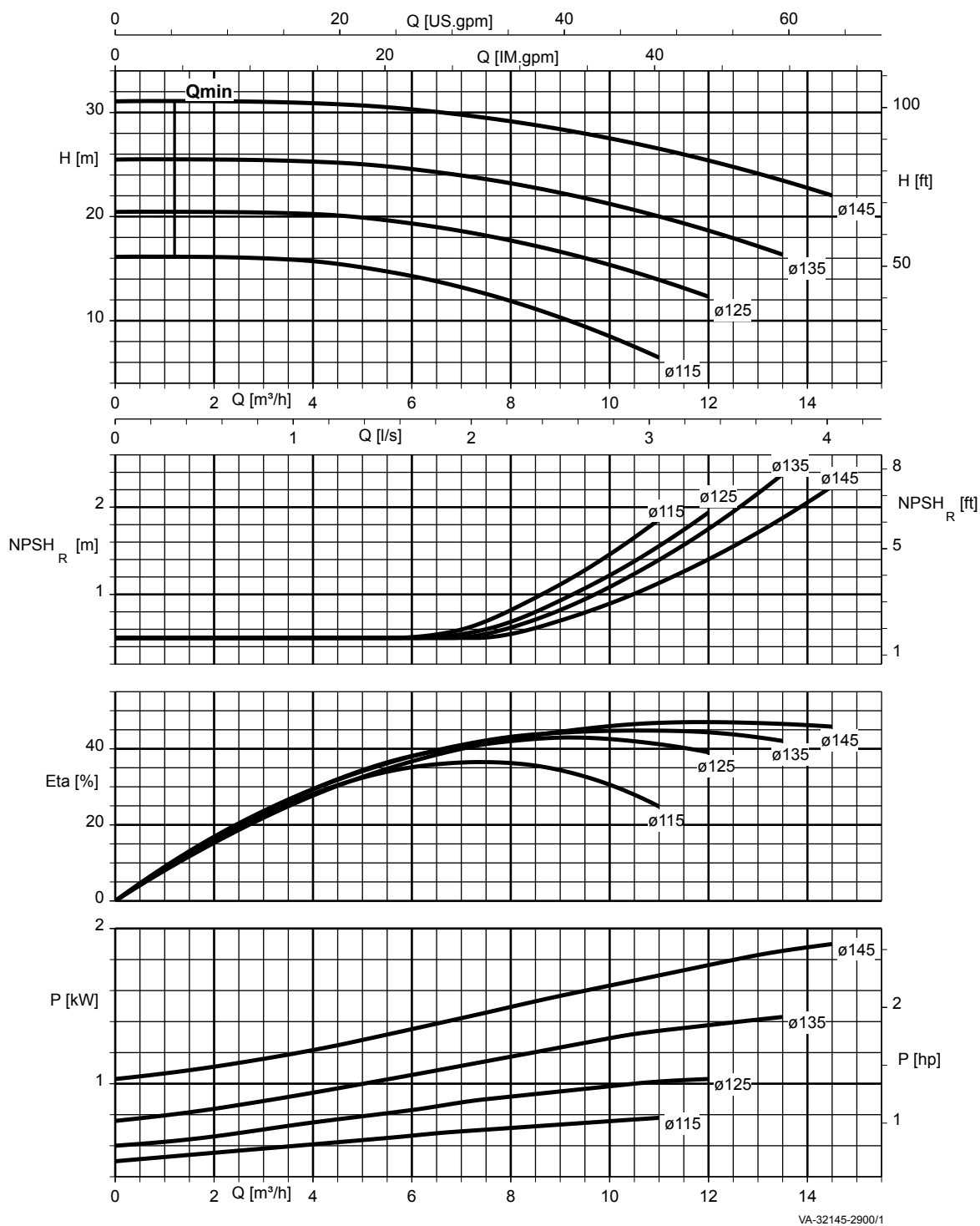
Vitacast 032-025-175, 2900 rpm



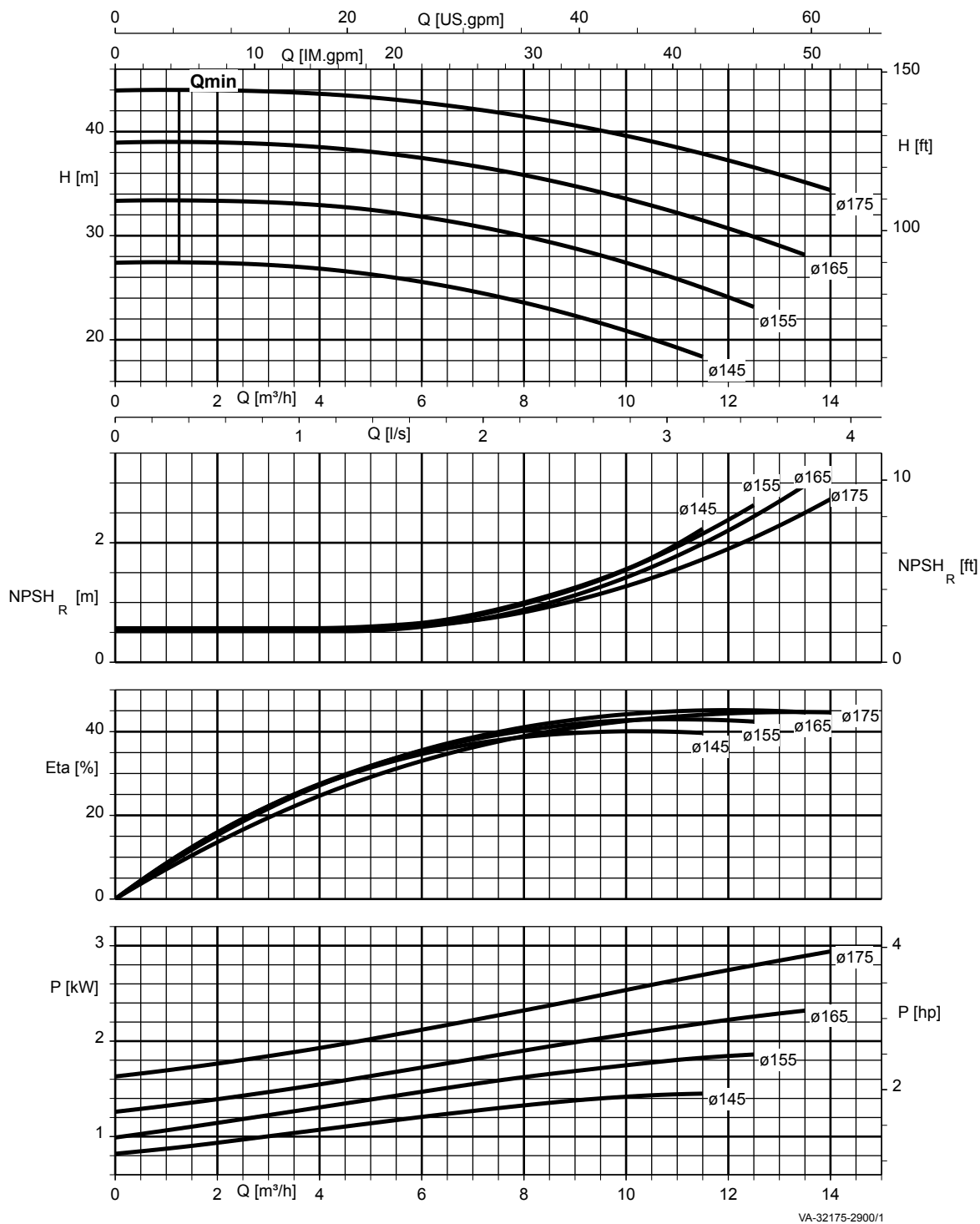
Vitacast 040-032-110, 2900 rpm



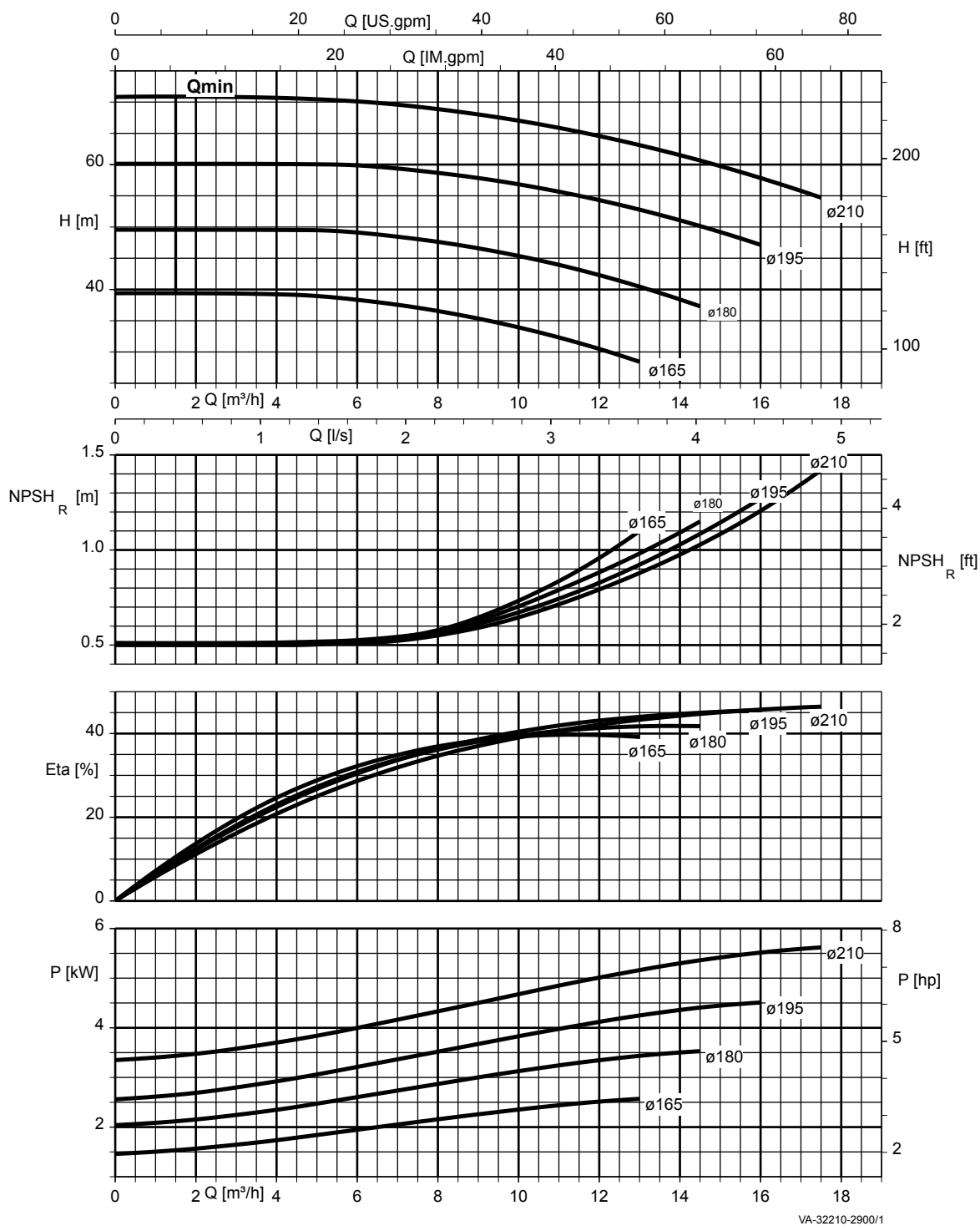
Vitacast 040-032-145, 2900 rpm



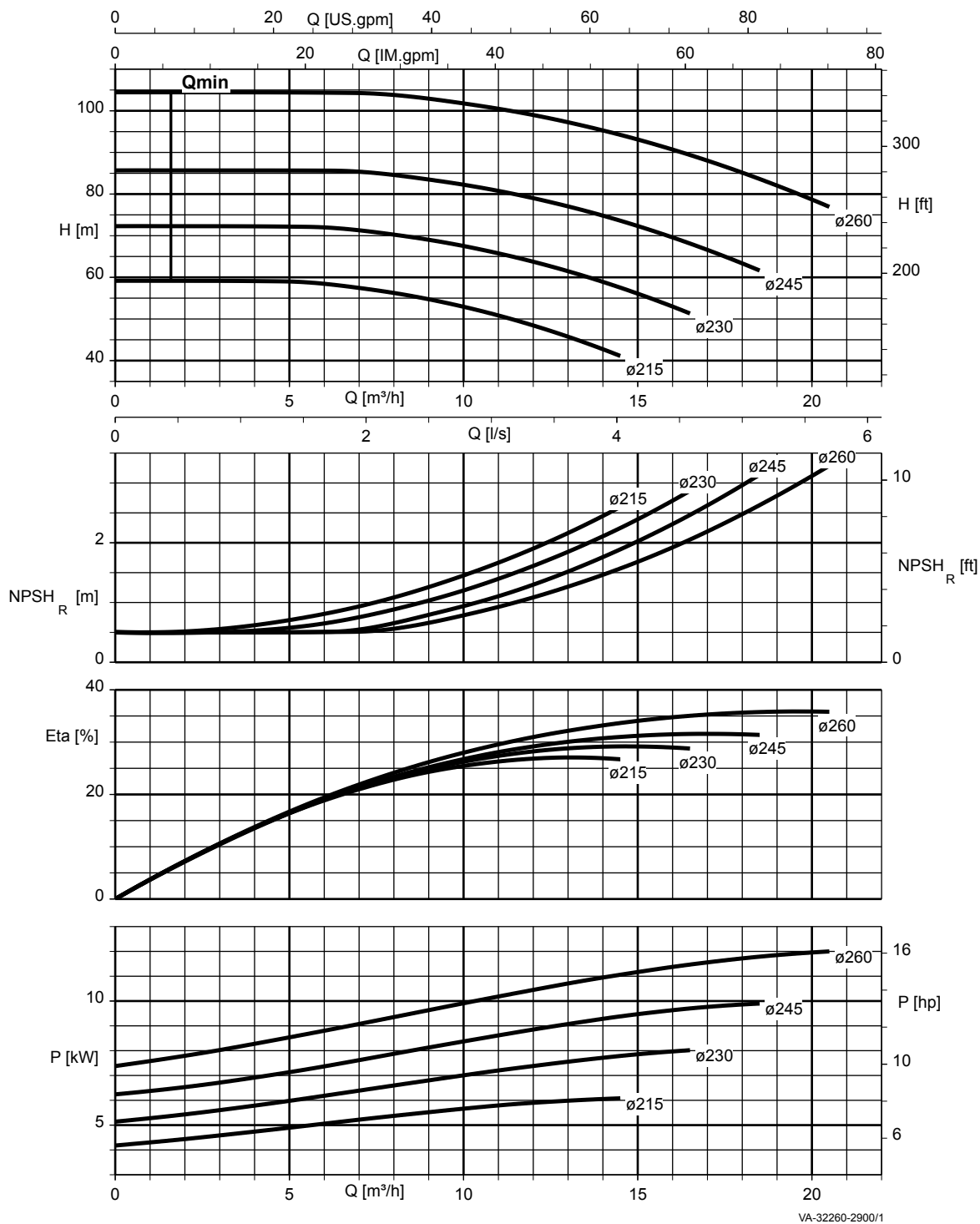
Vitacast 040-032-175, 2900 rpm



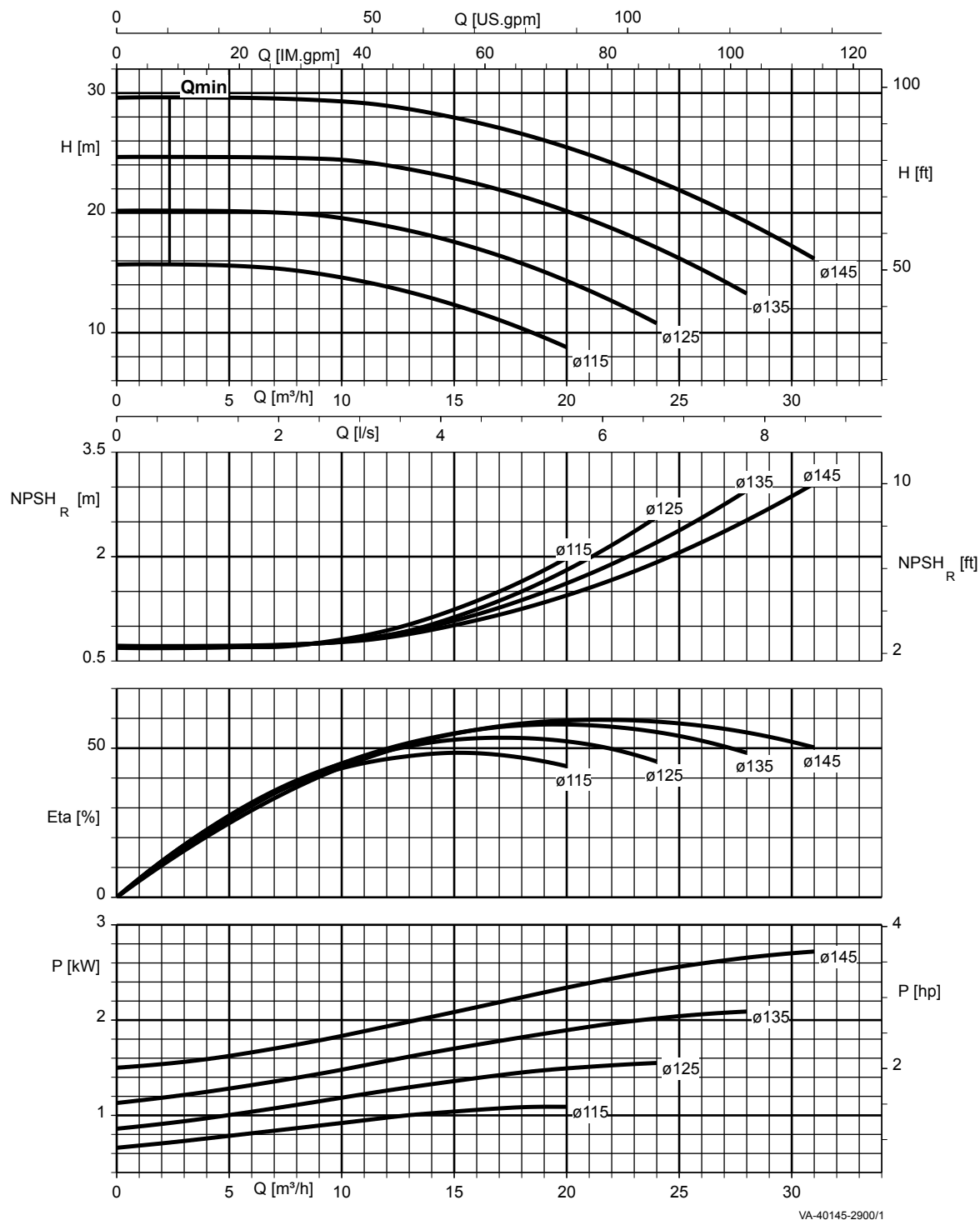
Vitacast 040-032-210, 2900 rpm



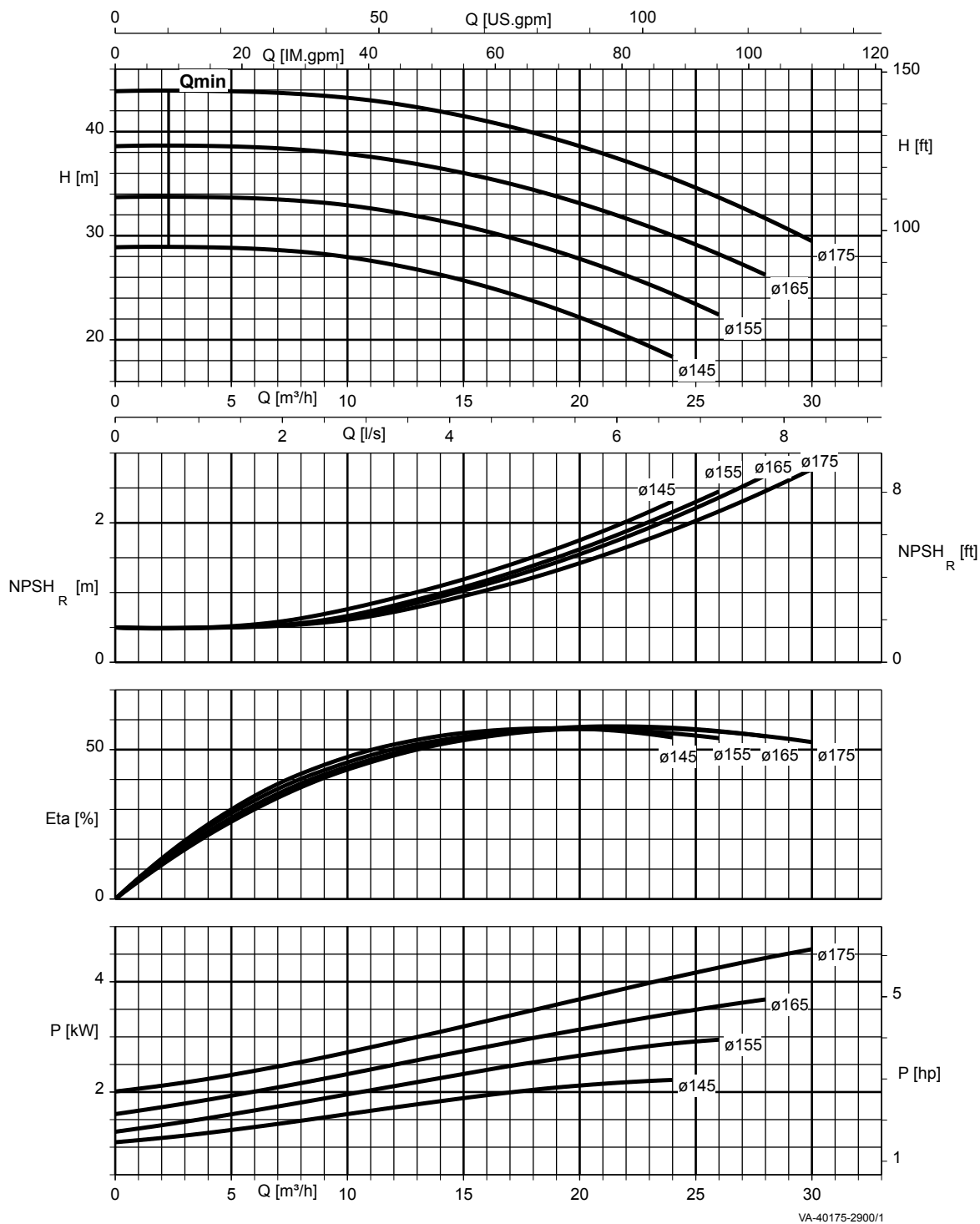
Vitacast 040-032-260, 2900 rpm



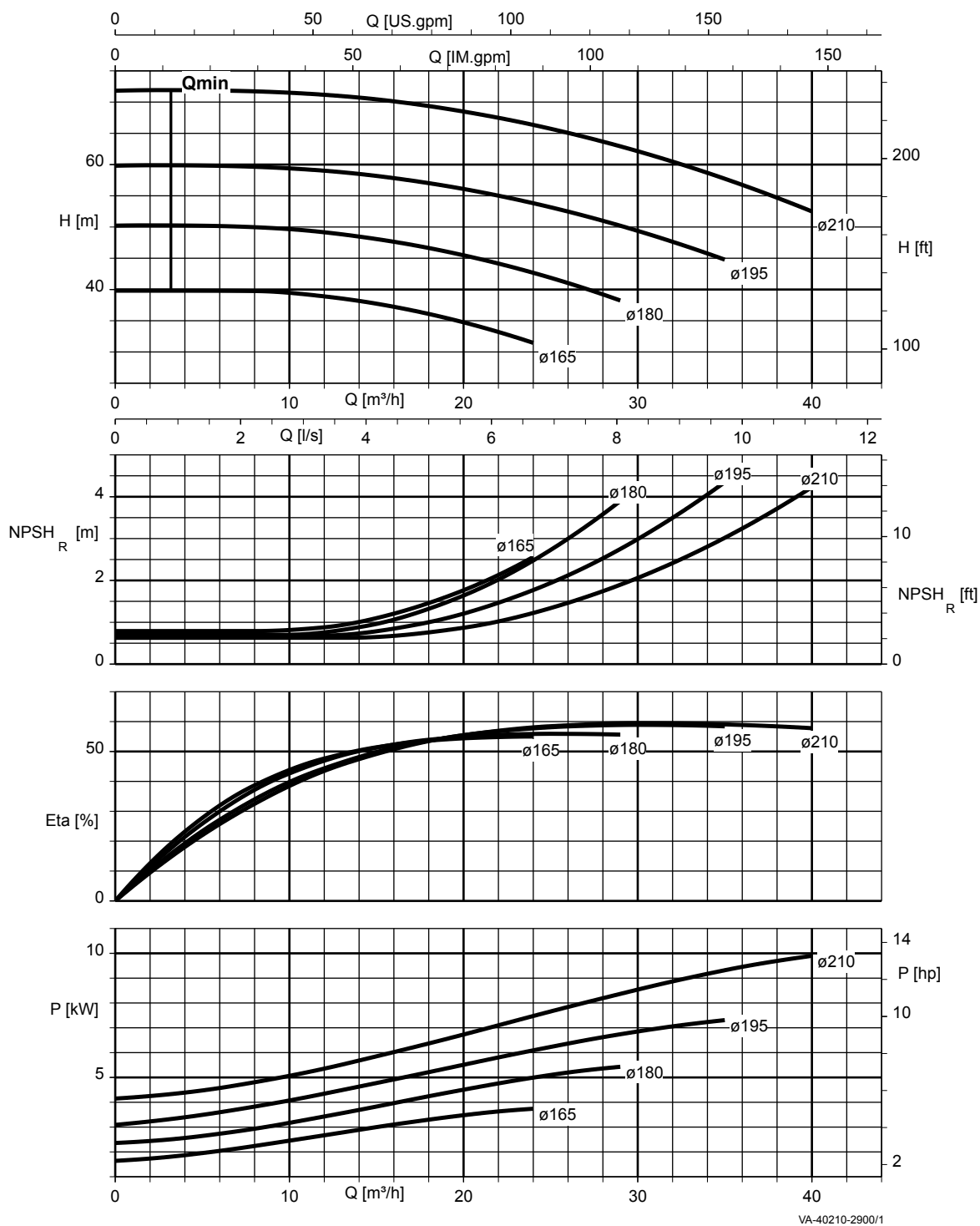
Vitacast 050-040-145, 2900 rpm



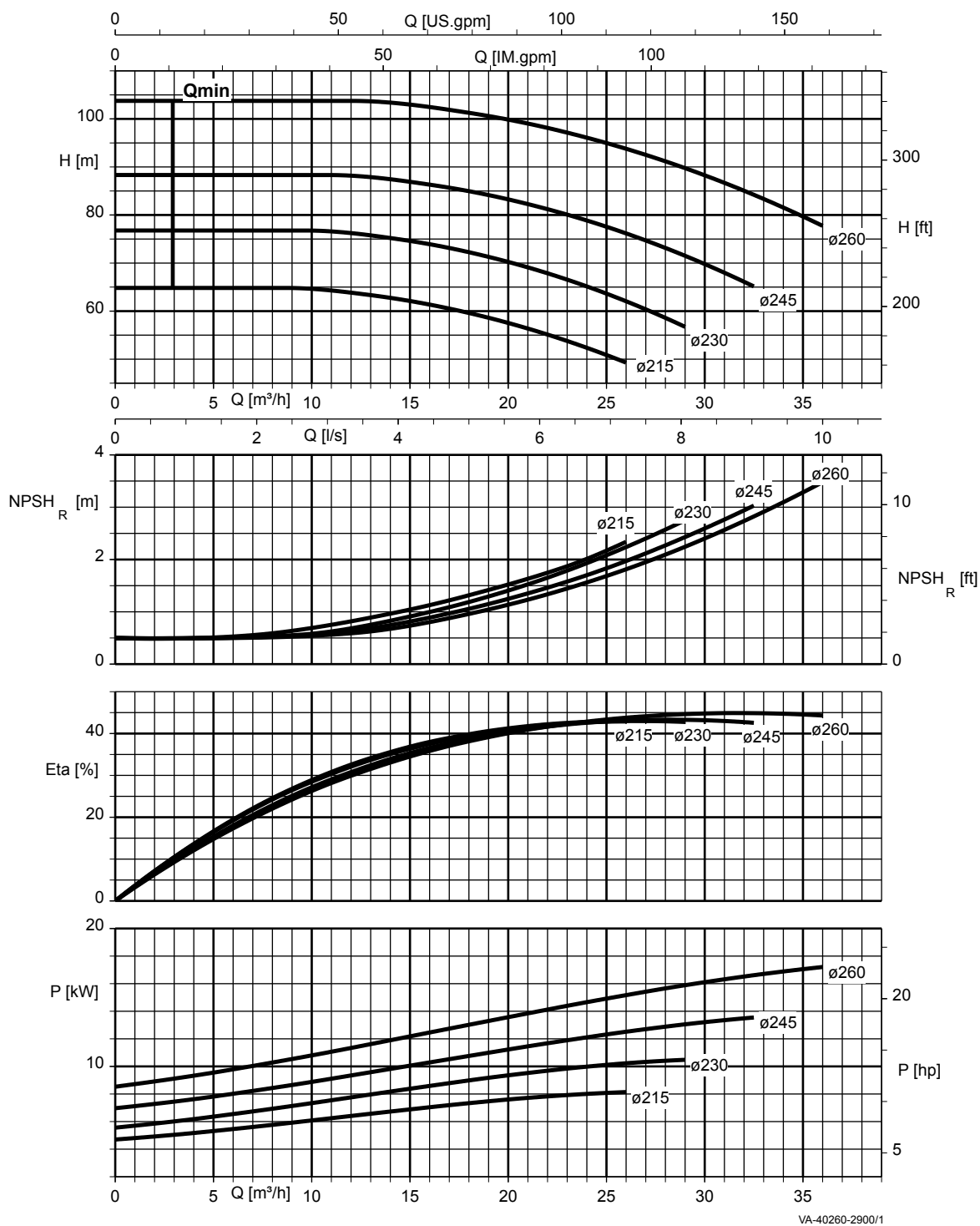
Vitacast 050-040-175, 2900 rpm



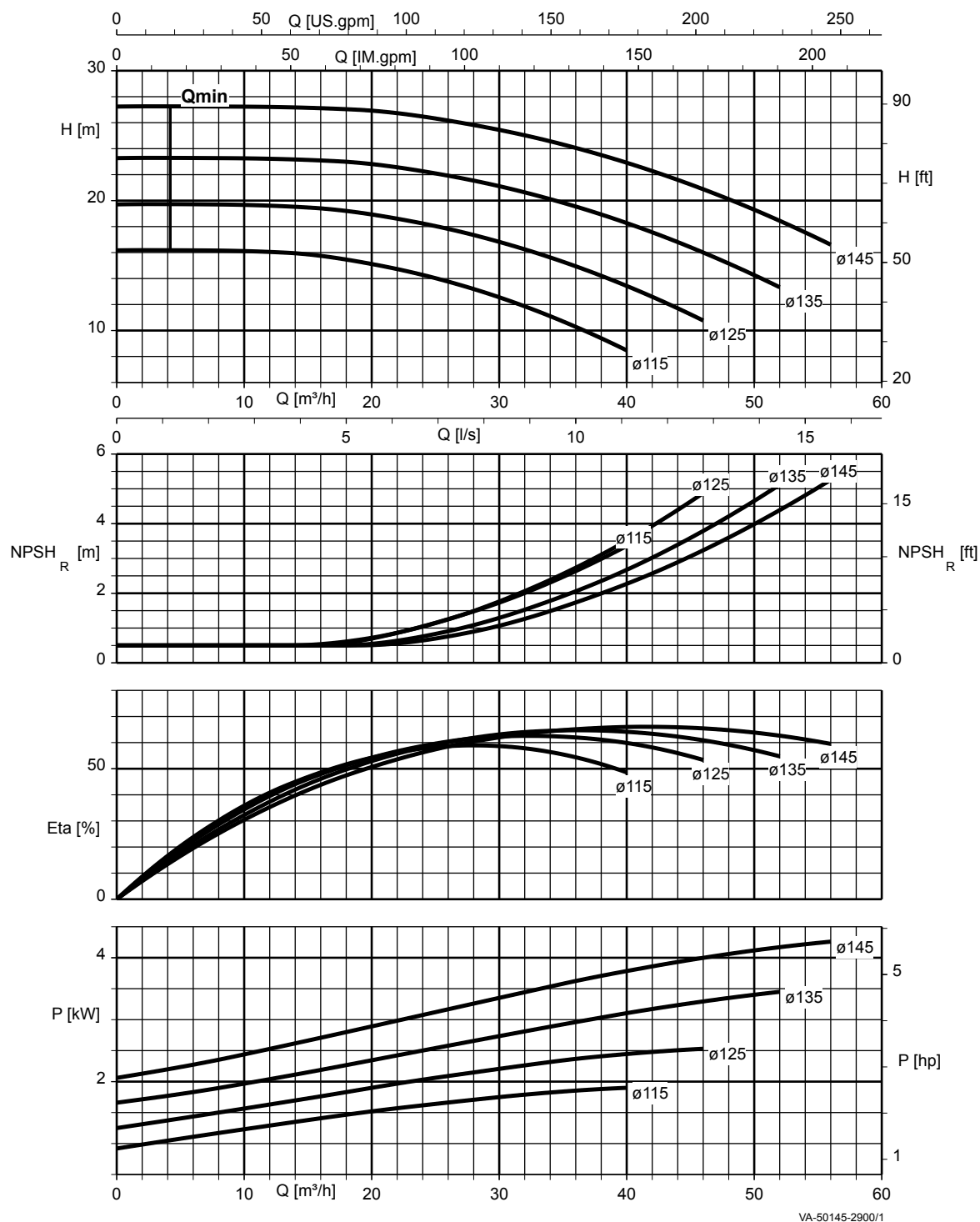
Vitacast 050-040-210, 2900 rpm



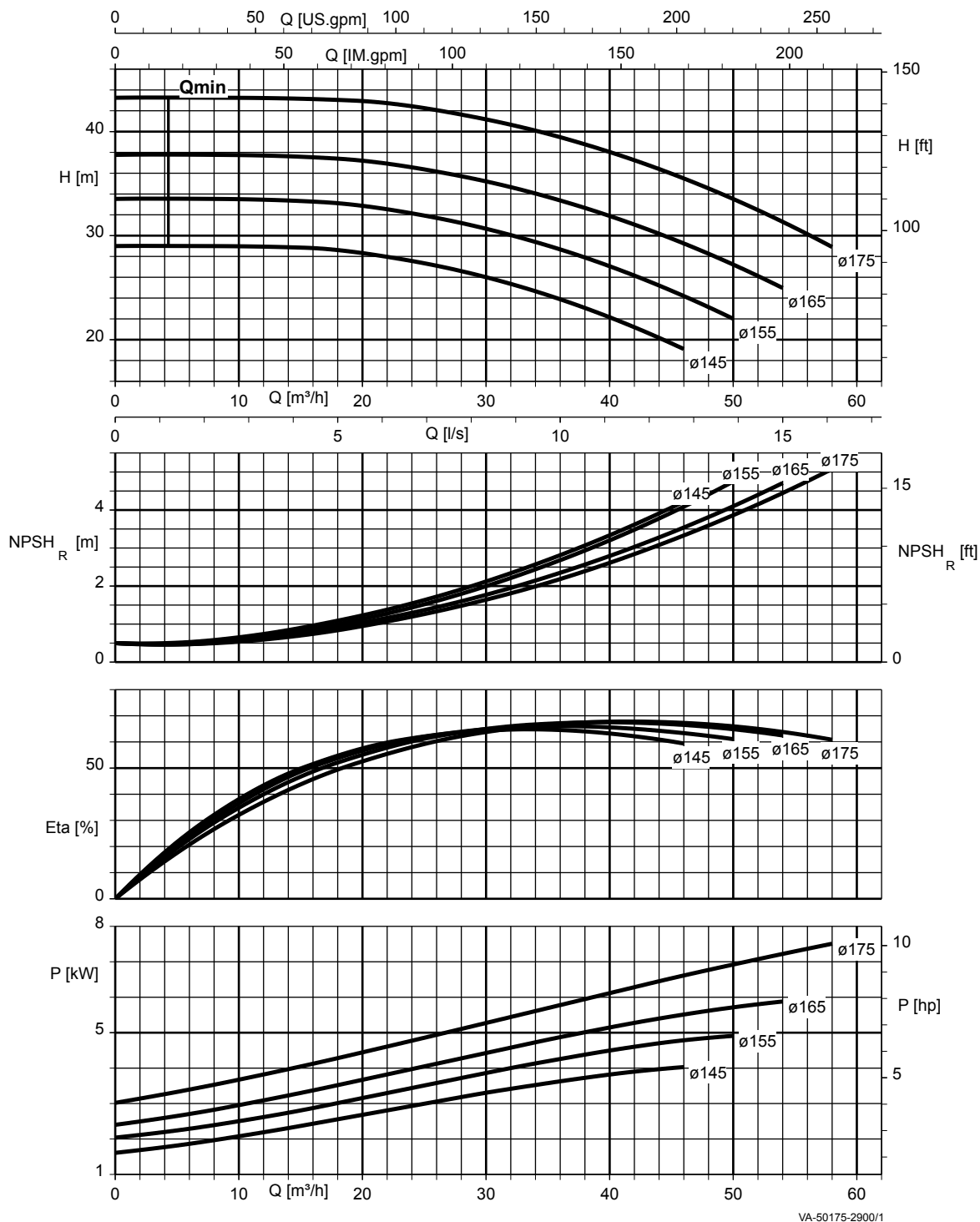
Vitacast 050-040-260, 2900 rpm



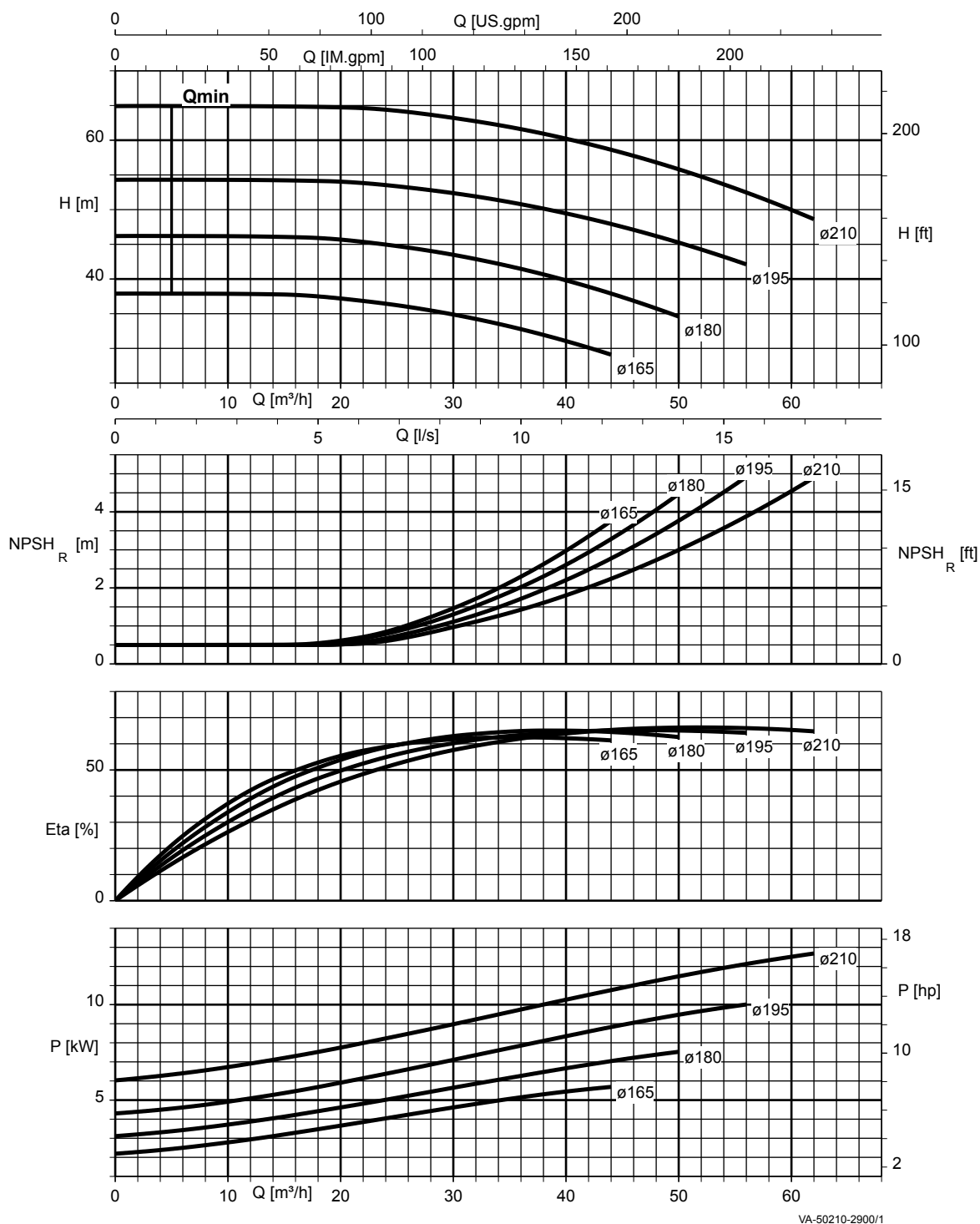
Vitacast 065-050-145, 2900 rpm



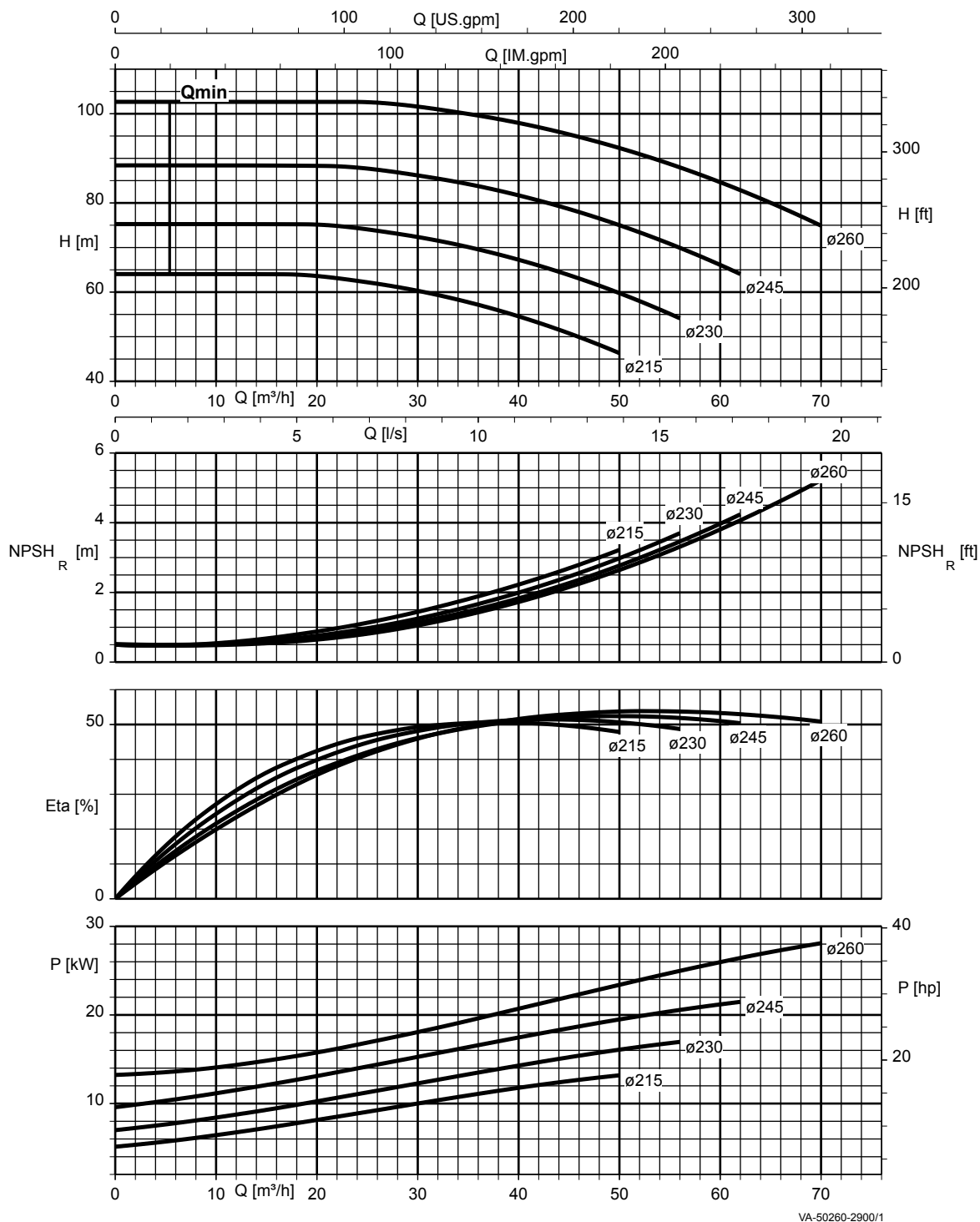
Vitacast 065-050-175, 2900 rpm



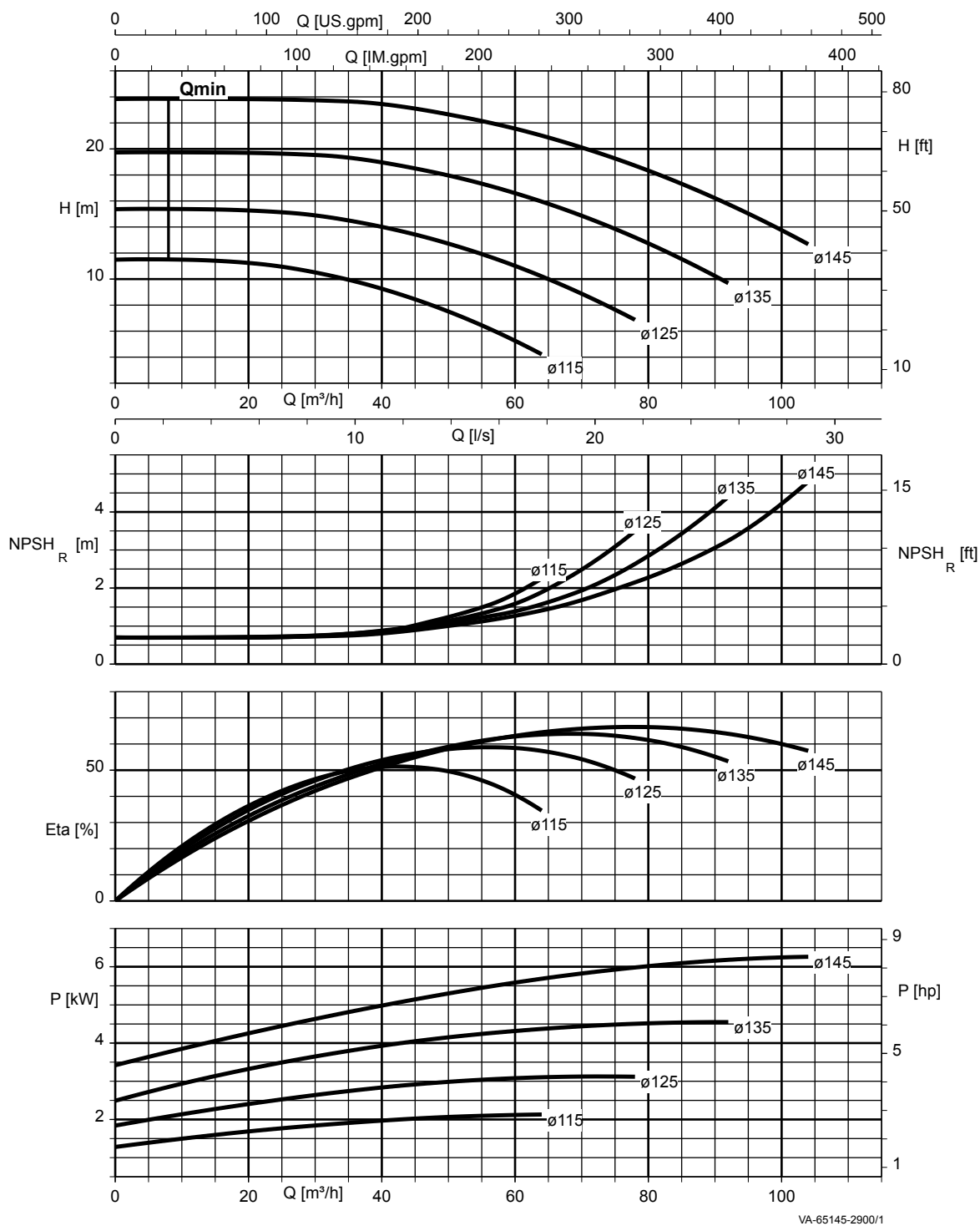
Vitacast 065-050-210, 2900 rpm



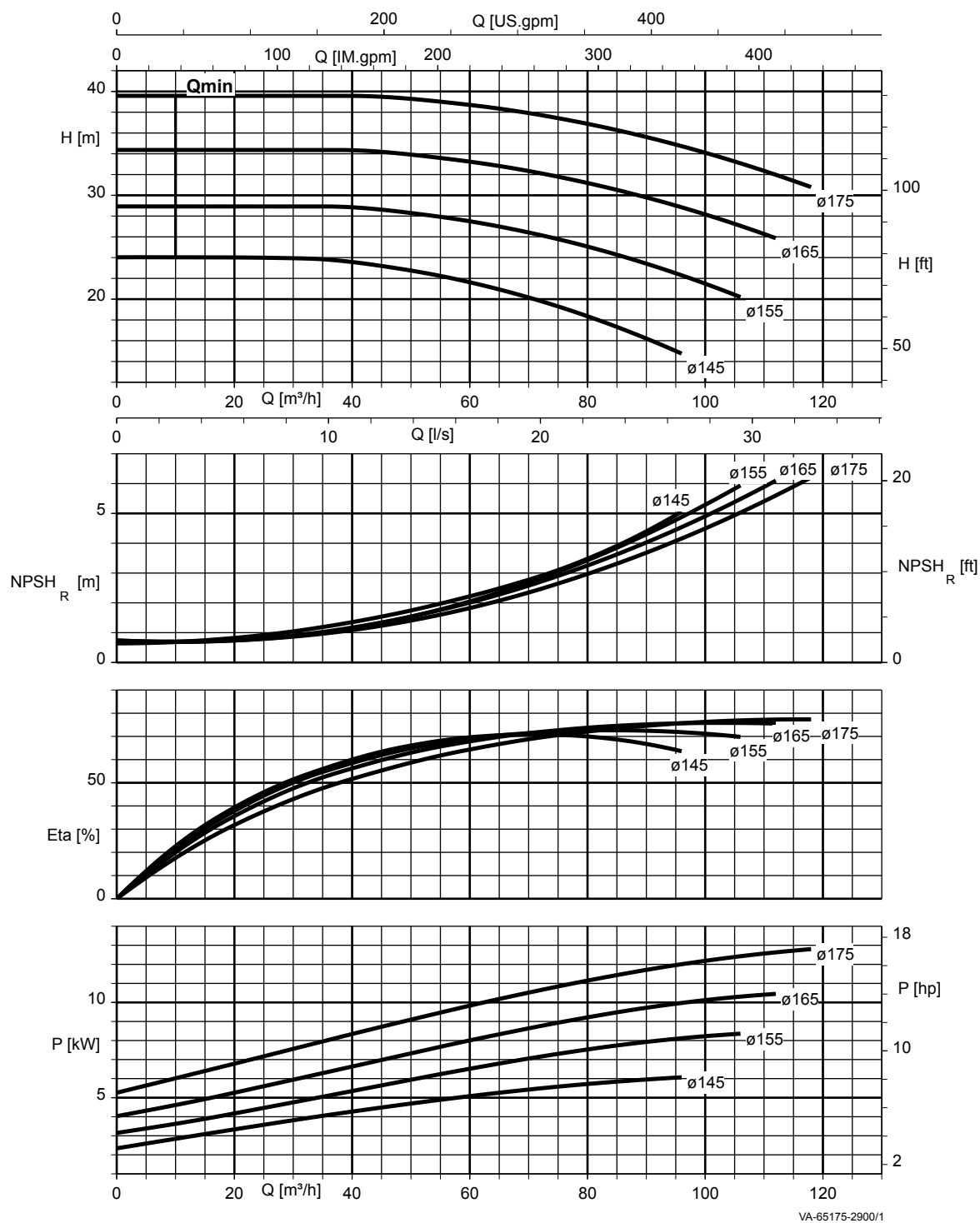
Vitacast 065-050-260, 2900 rpm



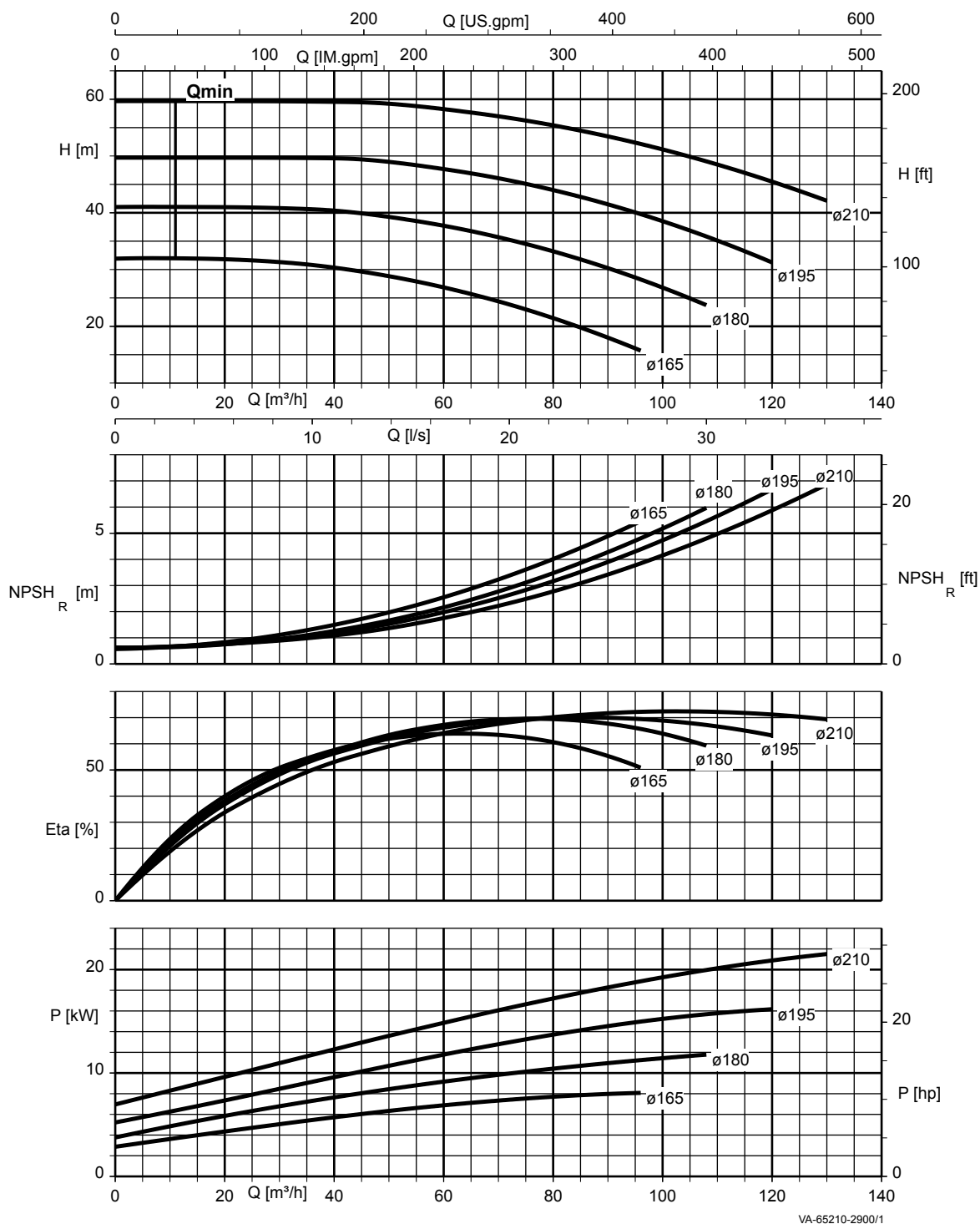
Vitacast 080-065-145, 2900 rpm



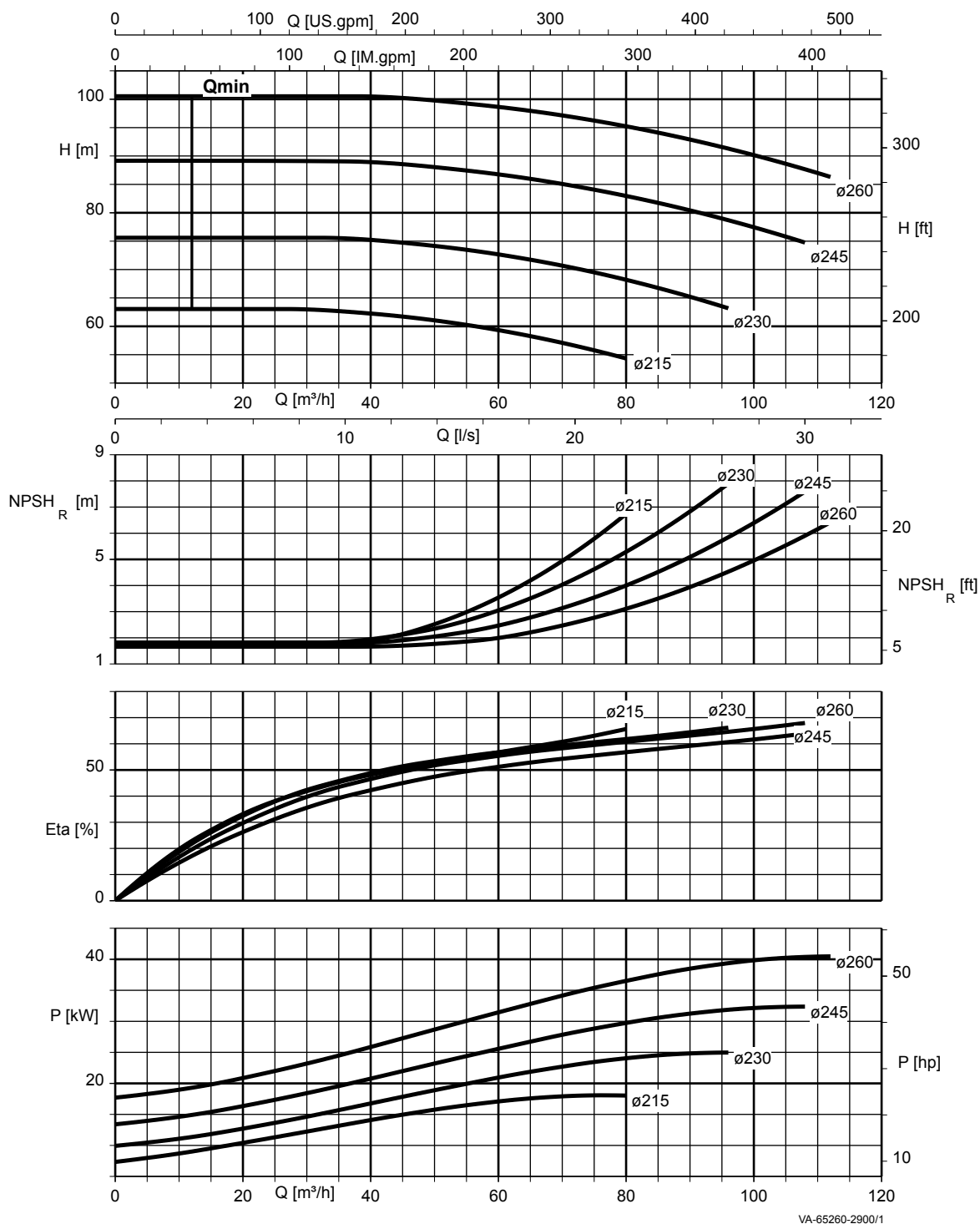
Vitacast 080-065-175, 2900 rpm



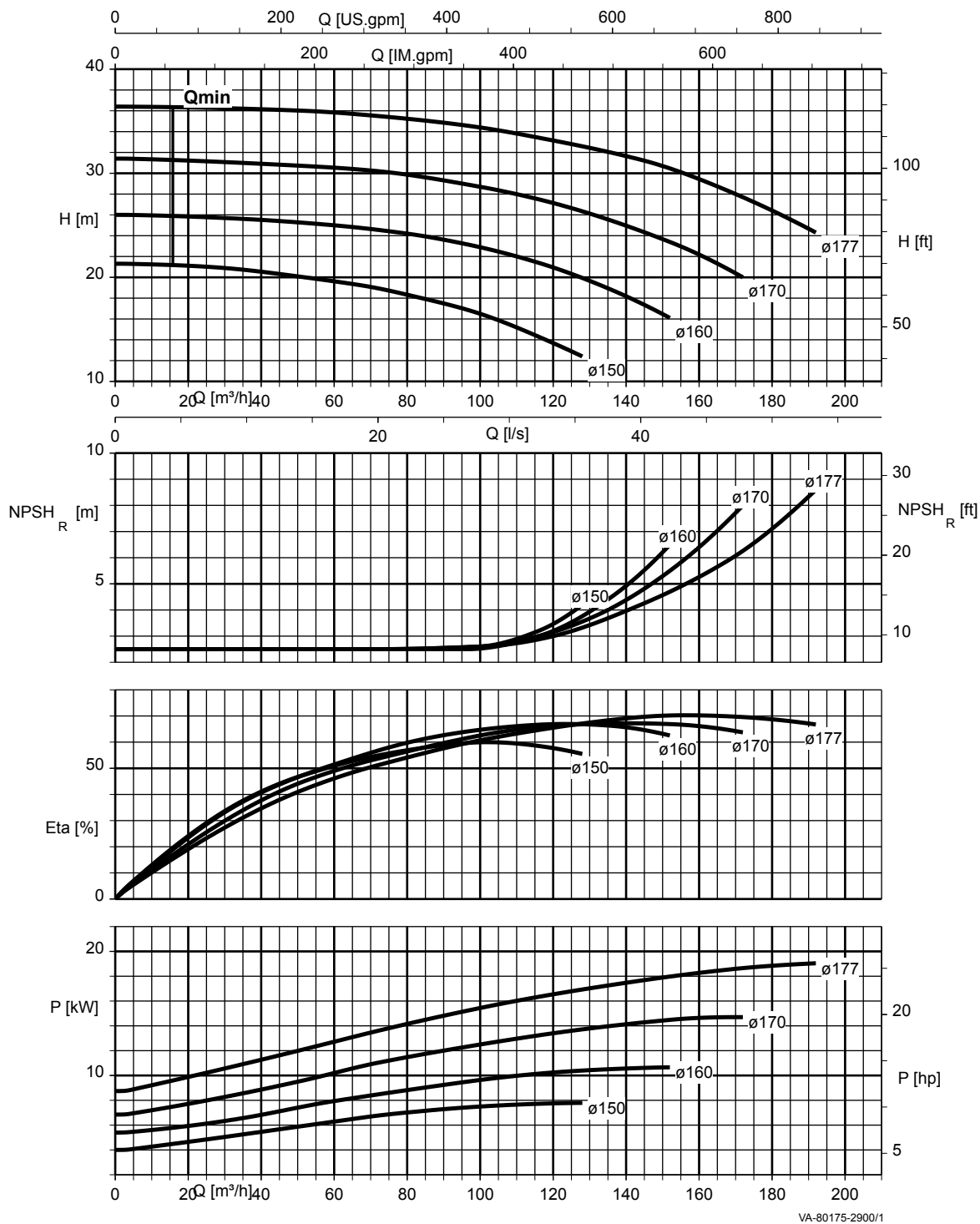
Vitacast 080-065-210, 2900 rpm



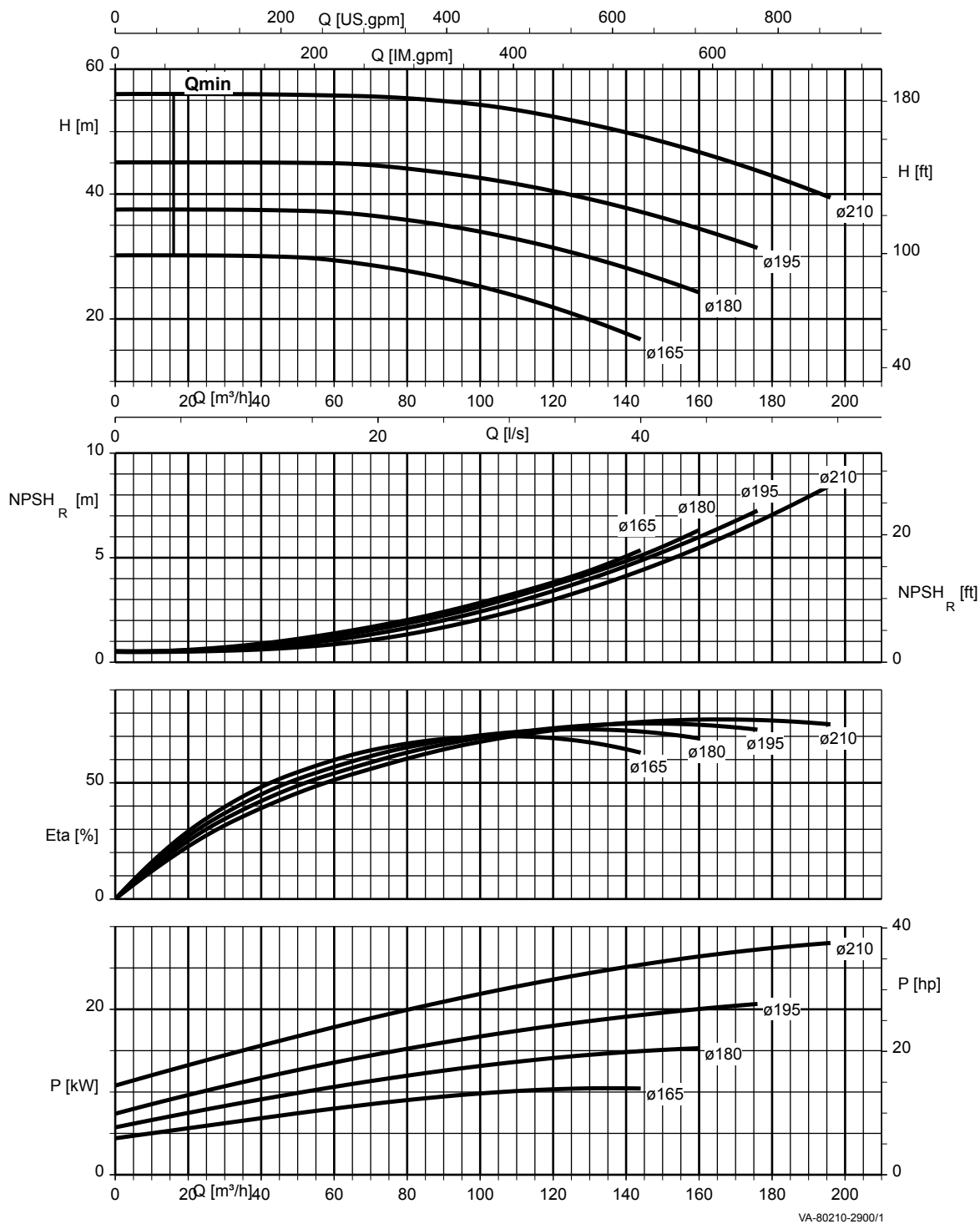
Vitacast 080-065-260, 2900 rpm



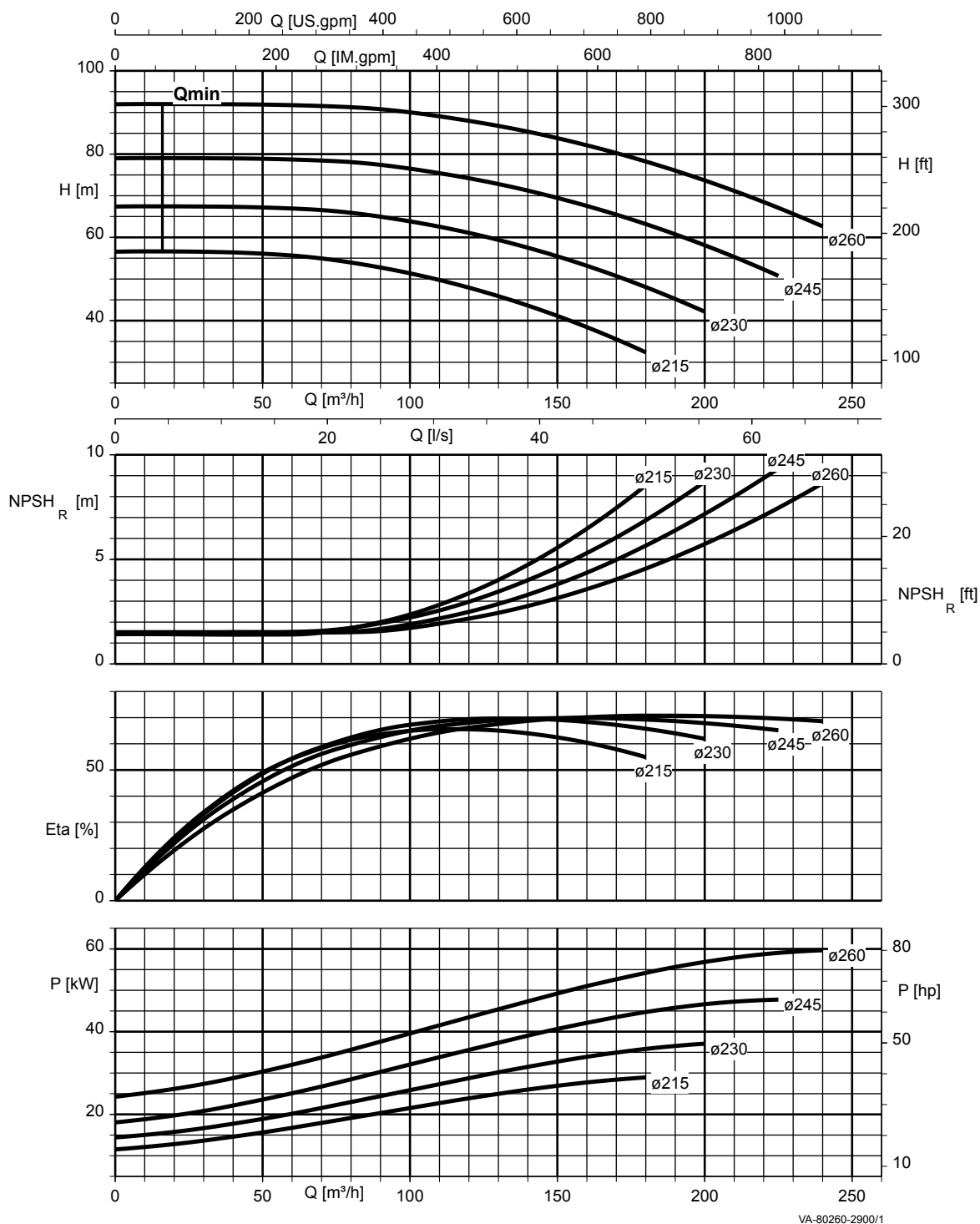
Vitacast 100-080-175, 2900 rpm



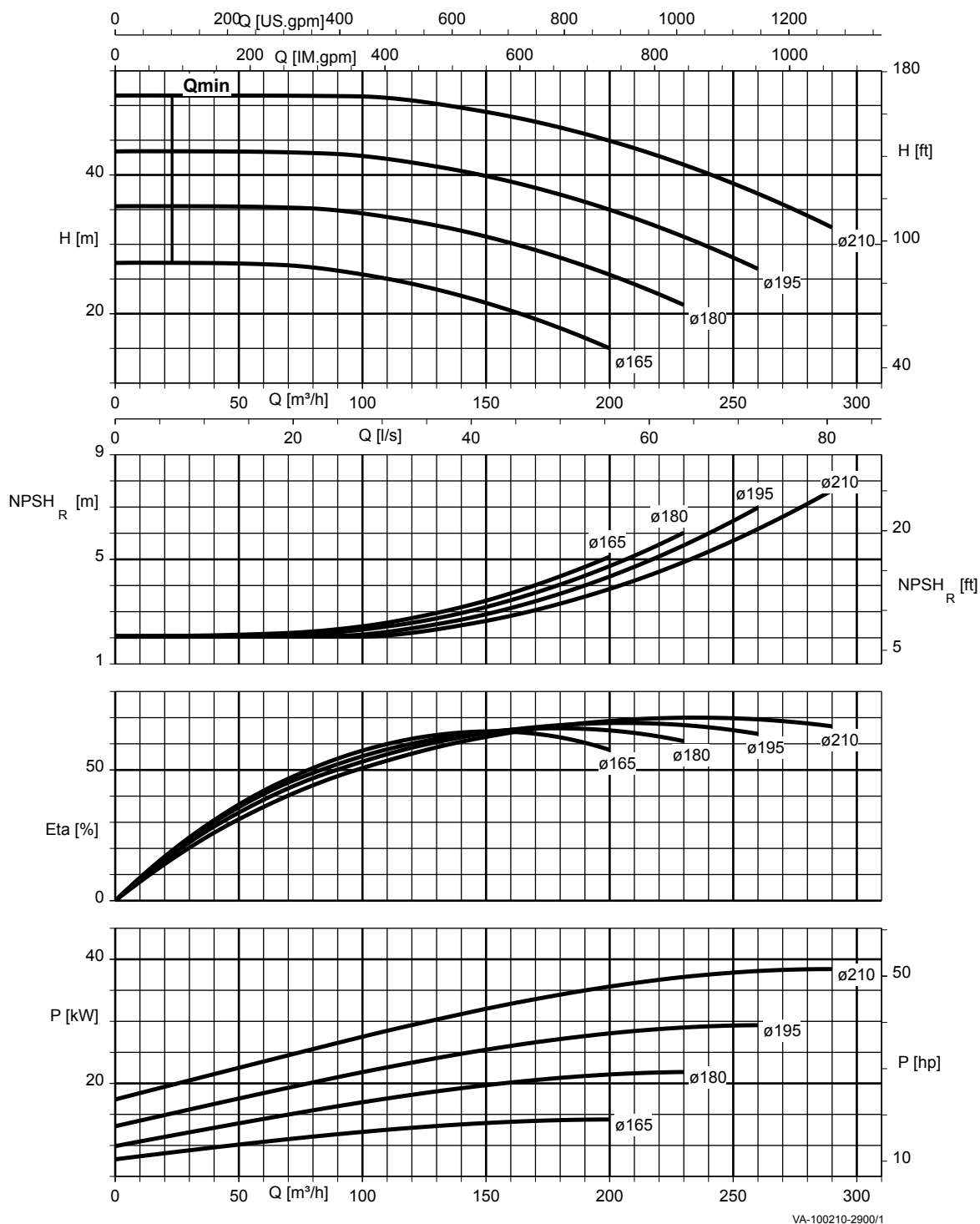
Vitacast 100-080-210, 2900 rpm



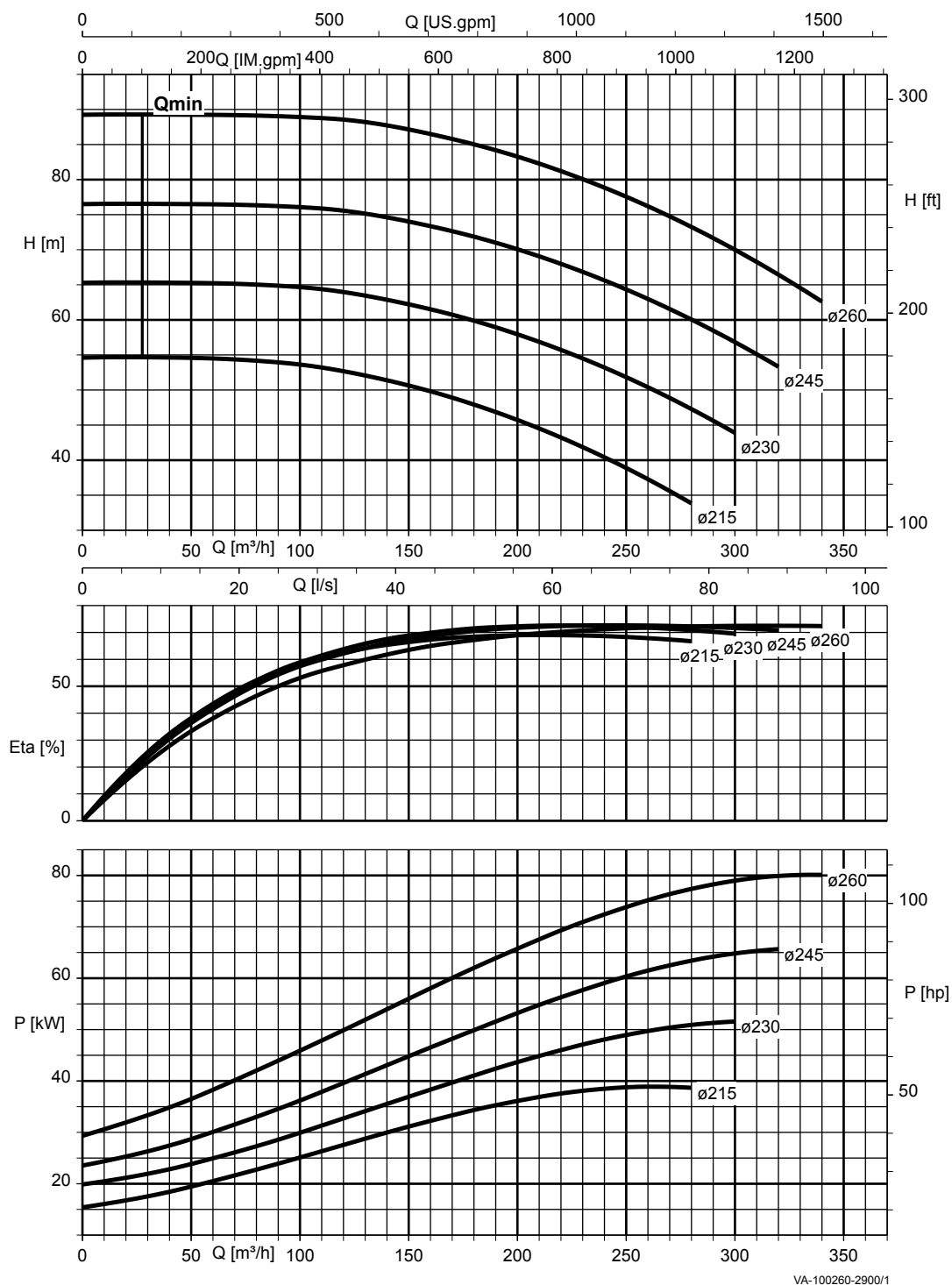
Vitacast 100-080-260, 2900 rpm



Vitacast 125-100-210, 2900 rpm

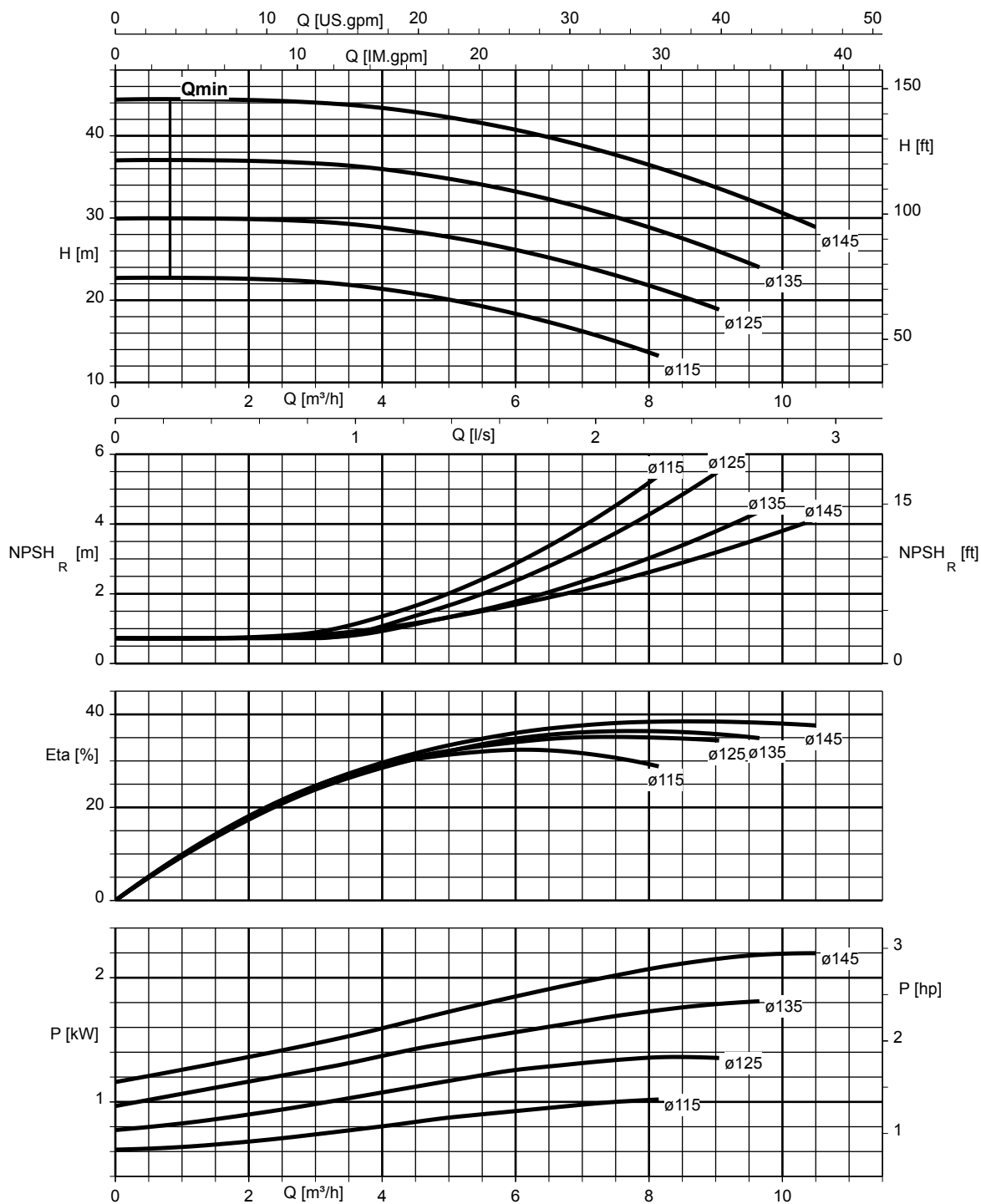


Vitacast 125-100-260, 2900 rpm



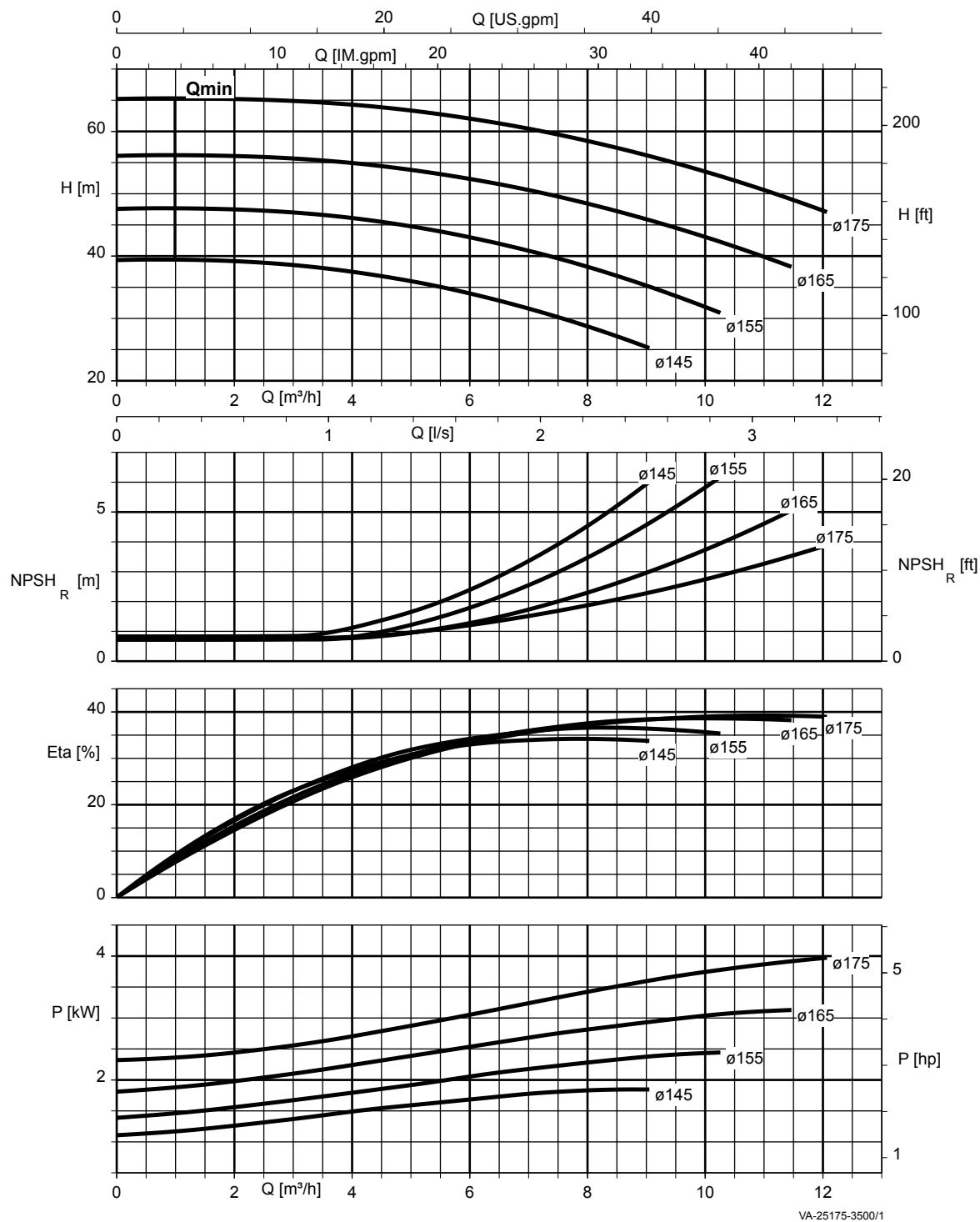
$n = 3.500 \text{ rpm}$

Vitacast 032-025-145, 3500 rpm

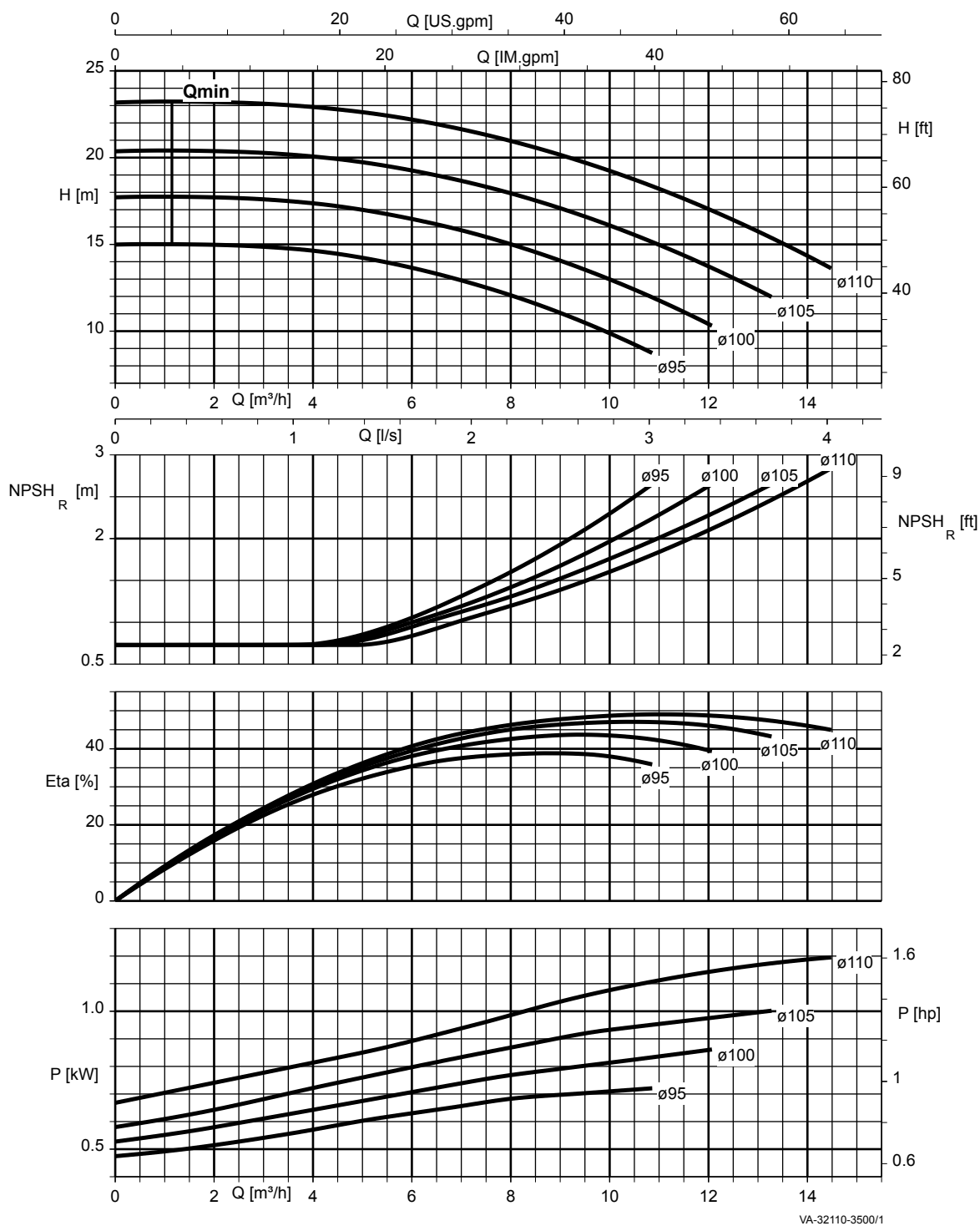


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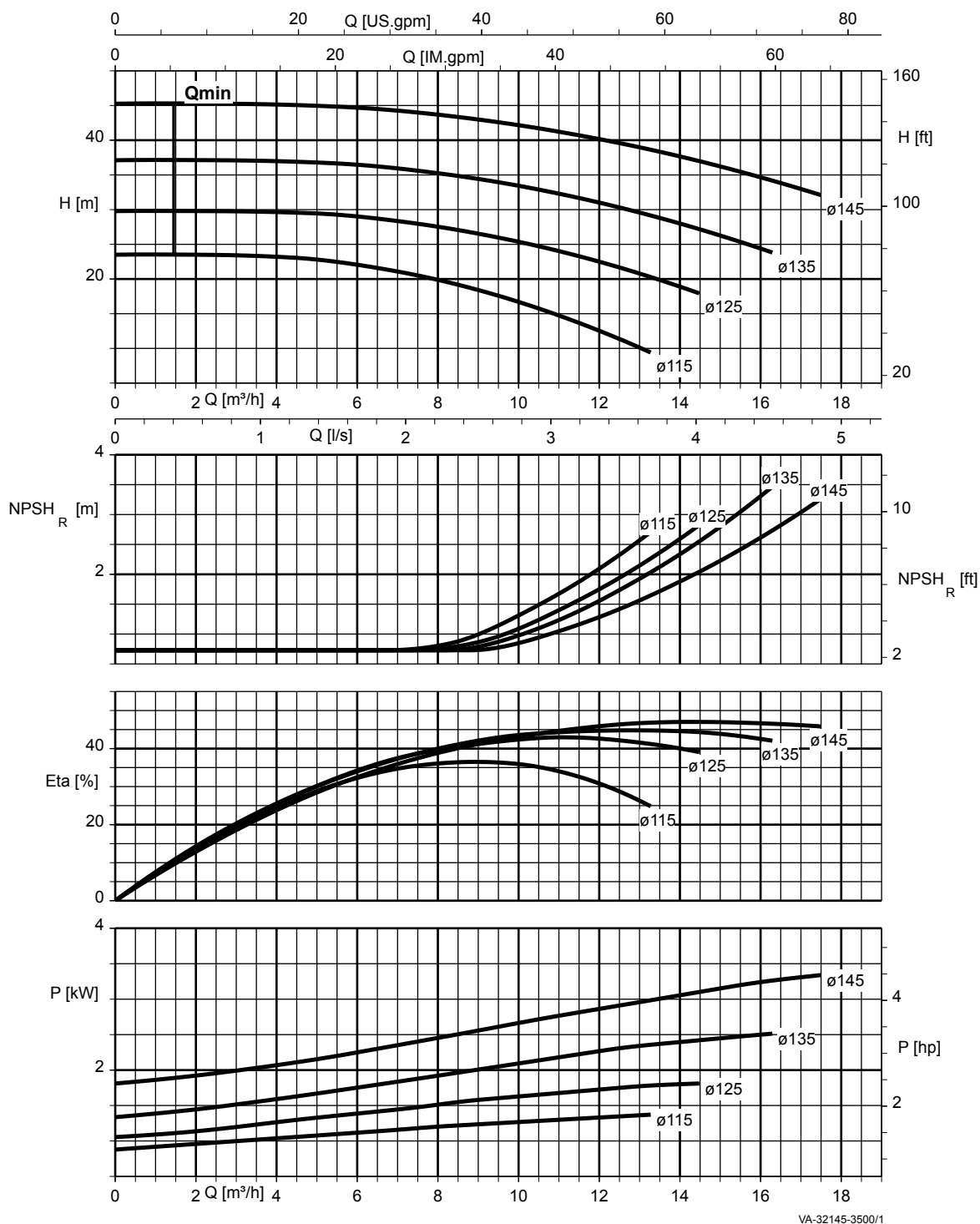
Vitacast 032-025-175, 3500 rpm



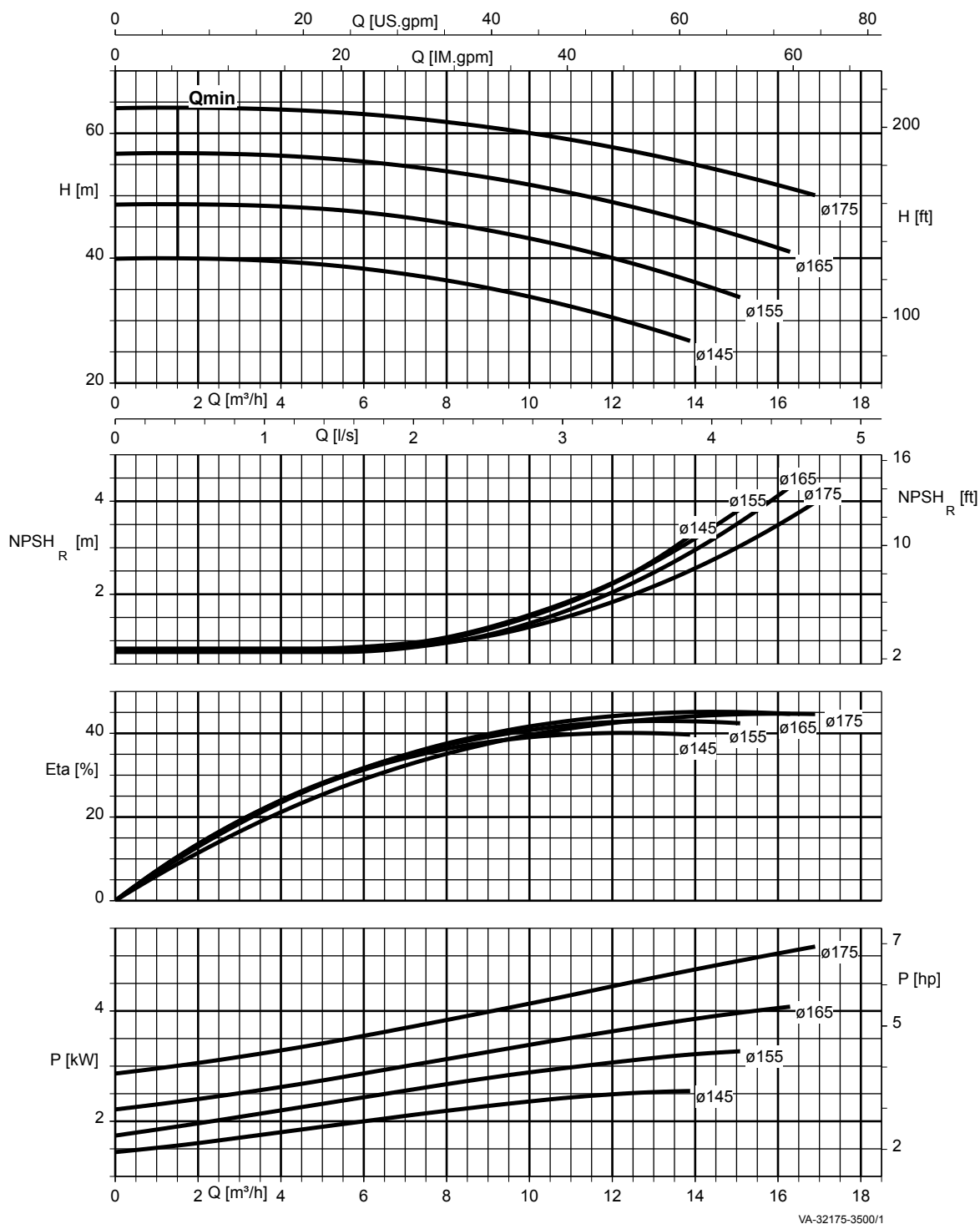
Vitacast 040-032-110, 3500 rpm



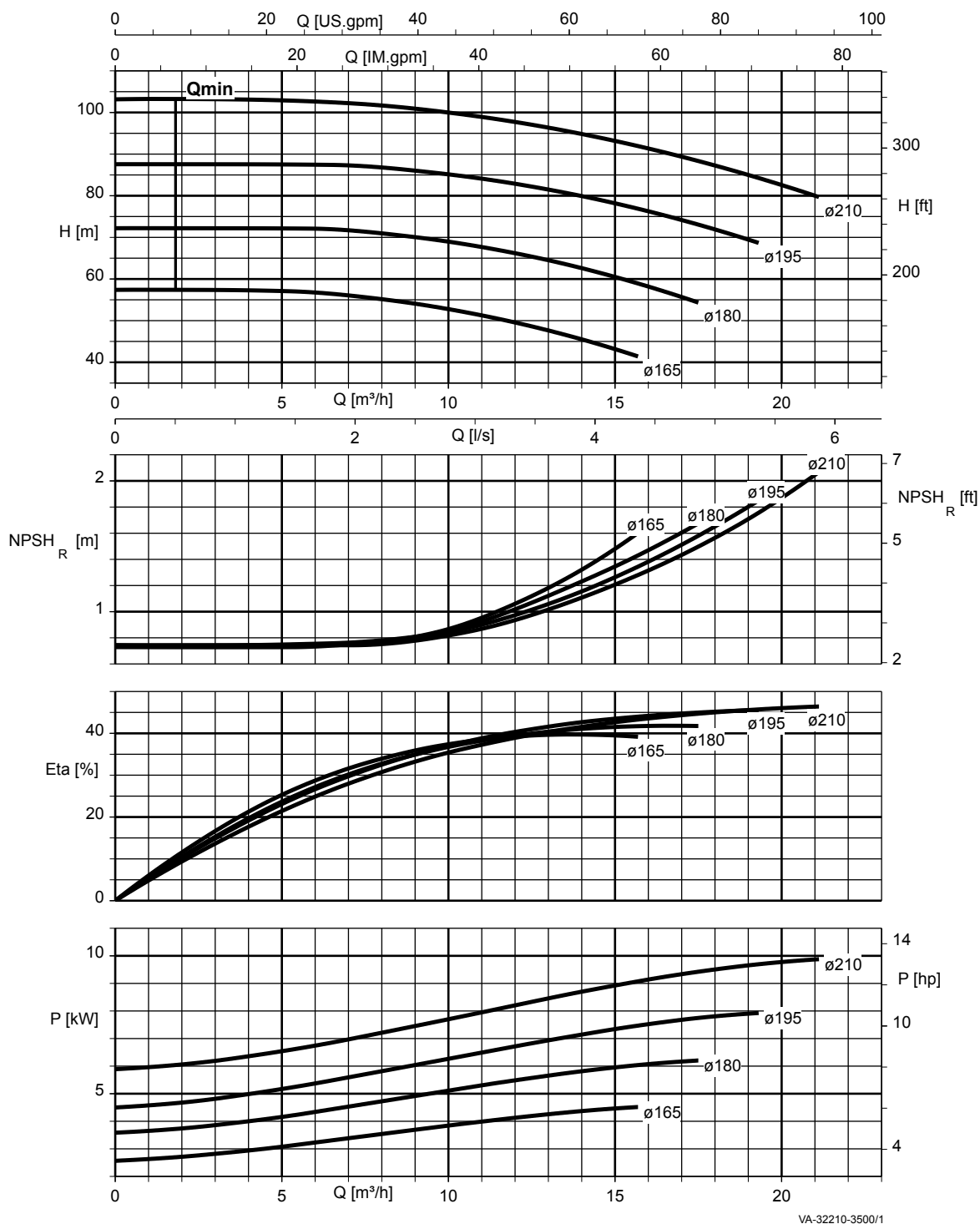
Vitacast 040-032-145, 3500 rpm



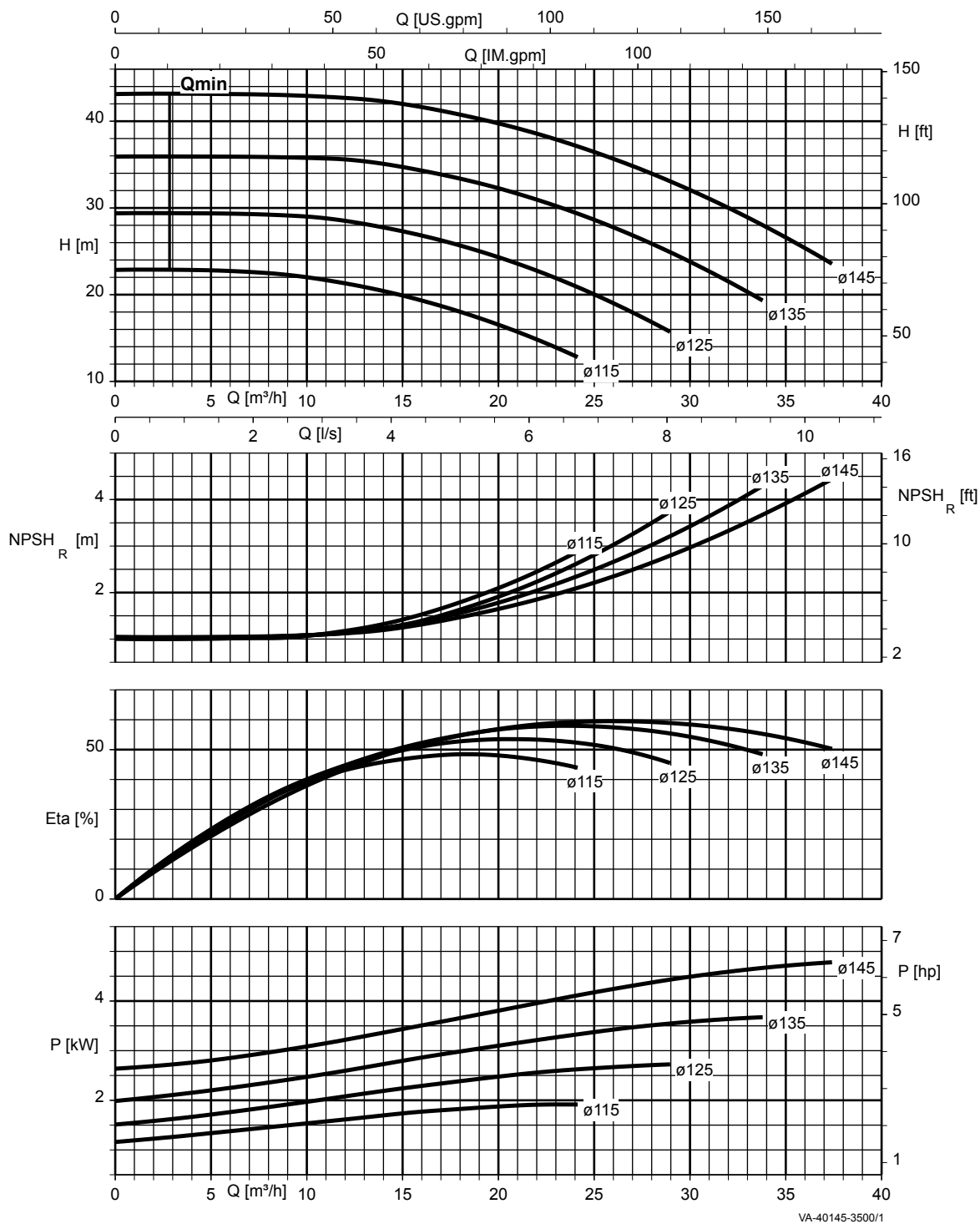
Vitacast 040-032-175, 3500 rpm



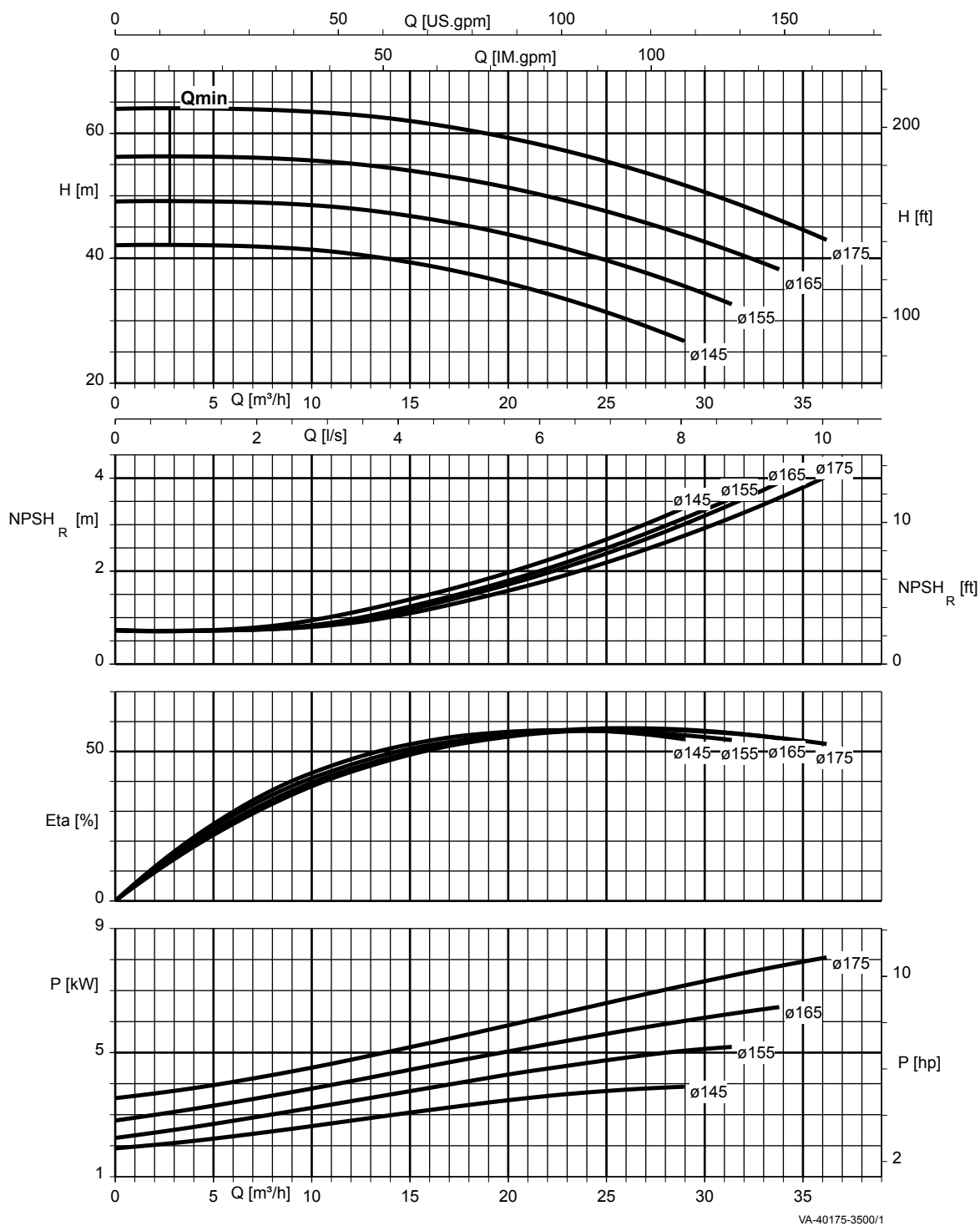
Vitacast 040-032-210, 3500 rpm



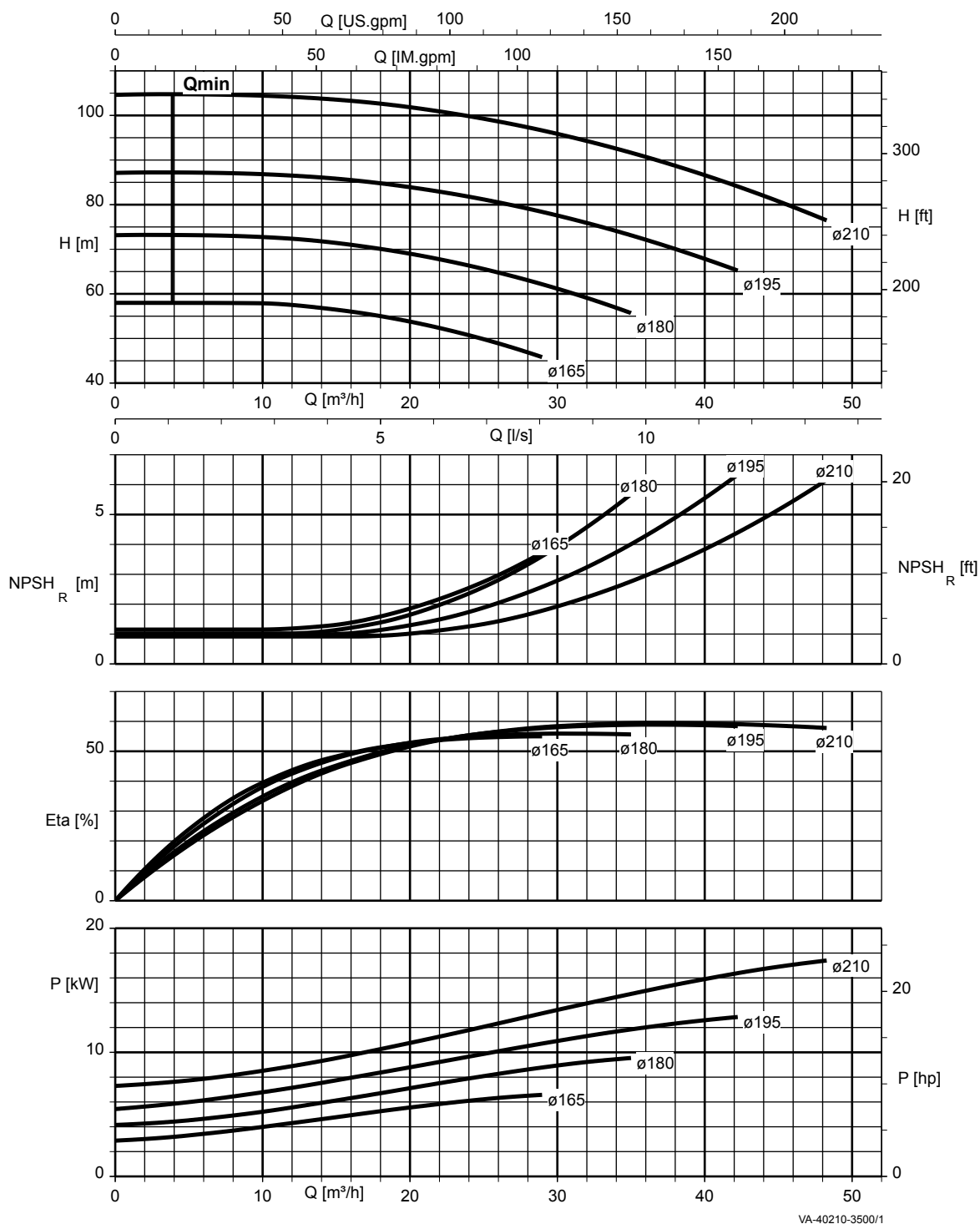
Vitacast 050-040-145, 3500 rpm



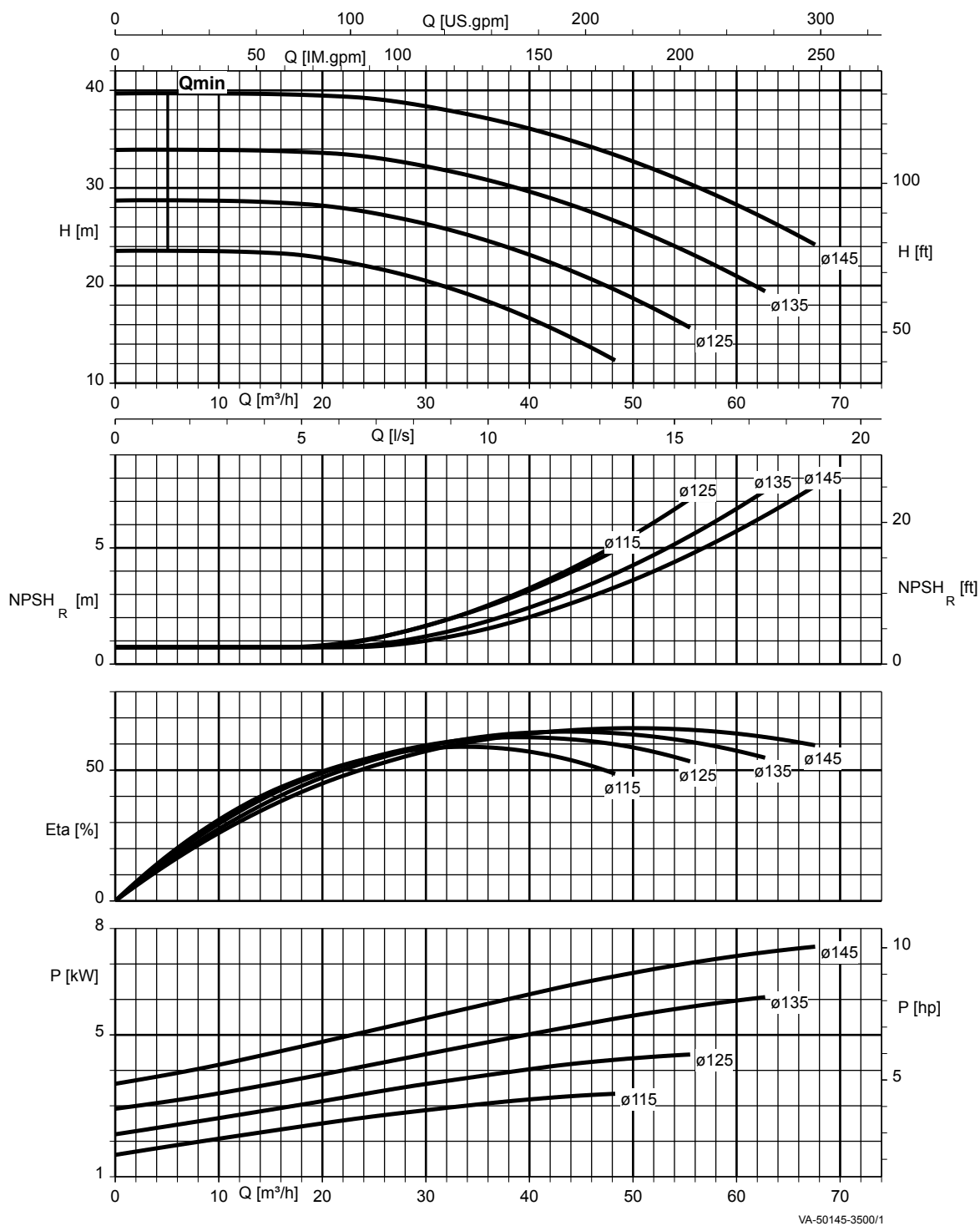
Vitacast 050-040-175, 3500 rpm



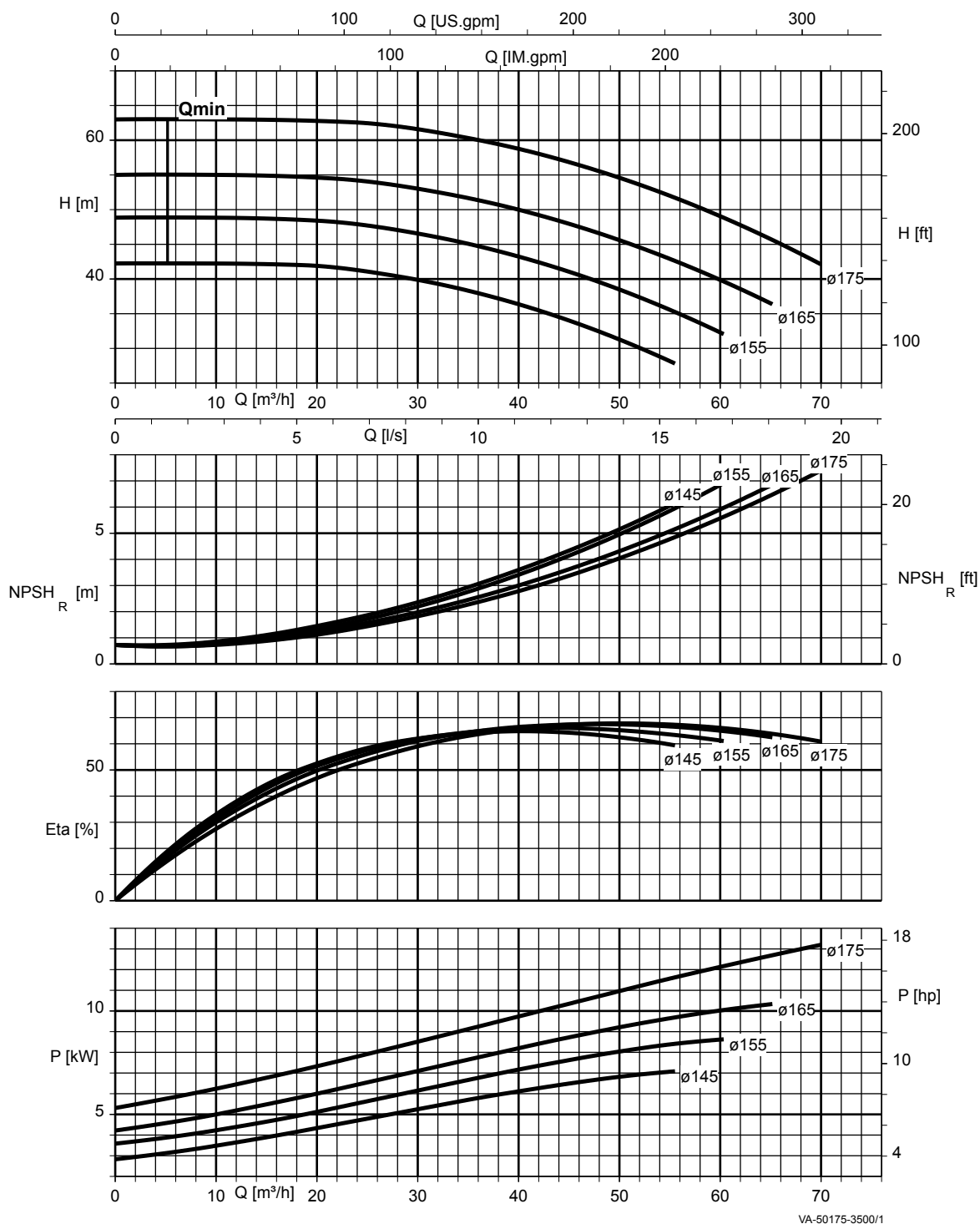
Vitacast 050-040-210, 3500 rpm



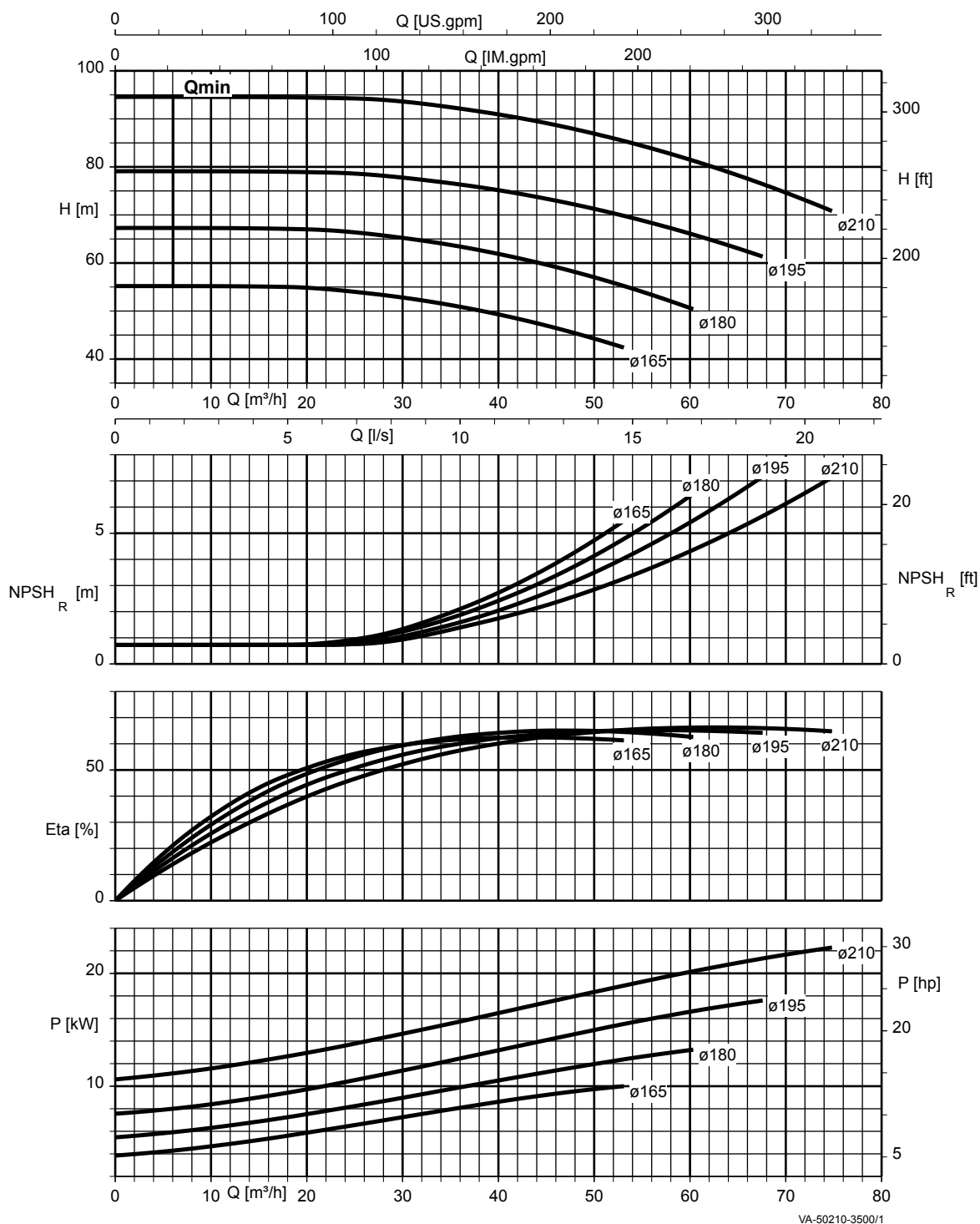
Vitacast 065-050-145, 3500 rpm



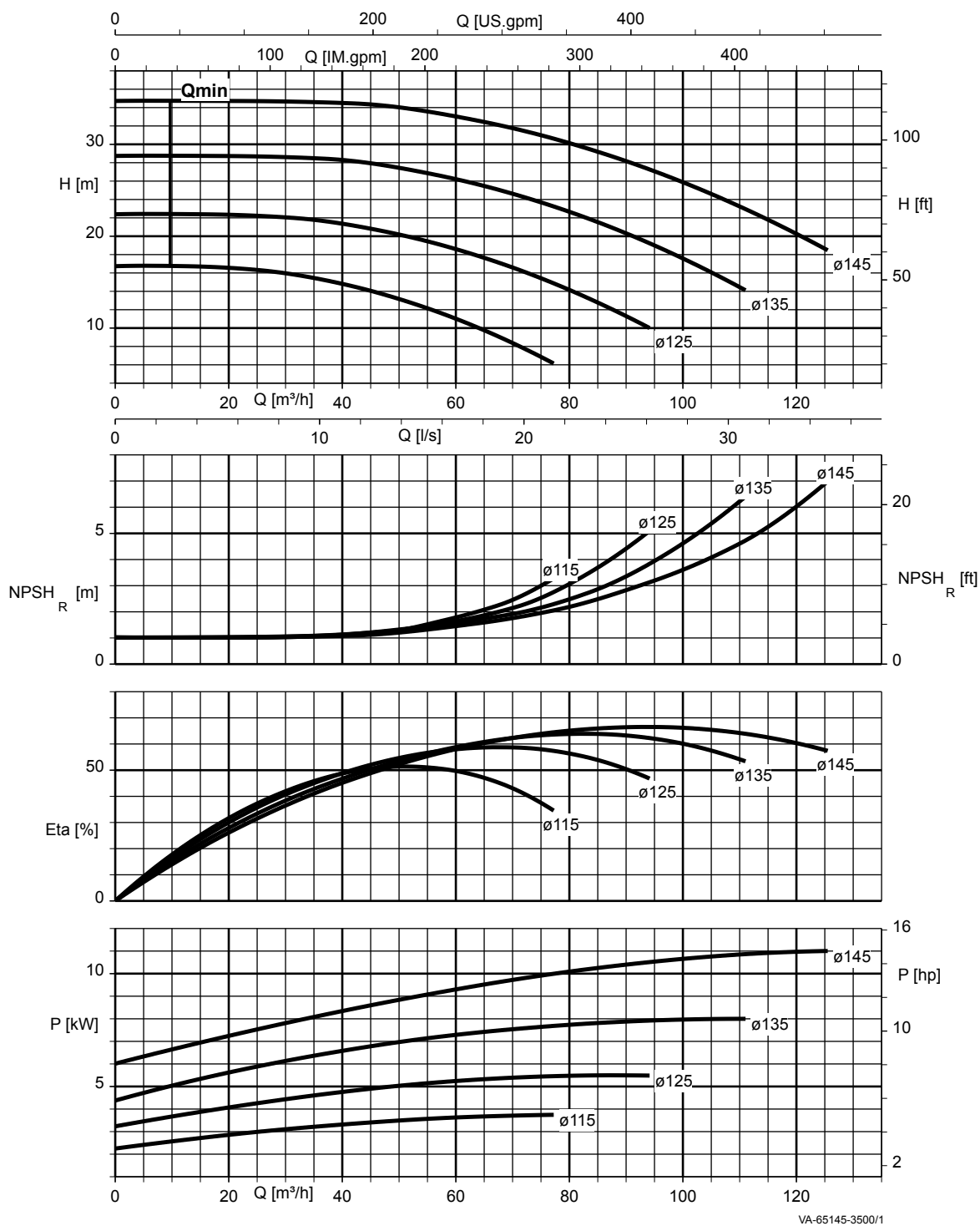
Vitacast 065-050-175, 3500 rpm



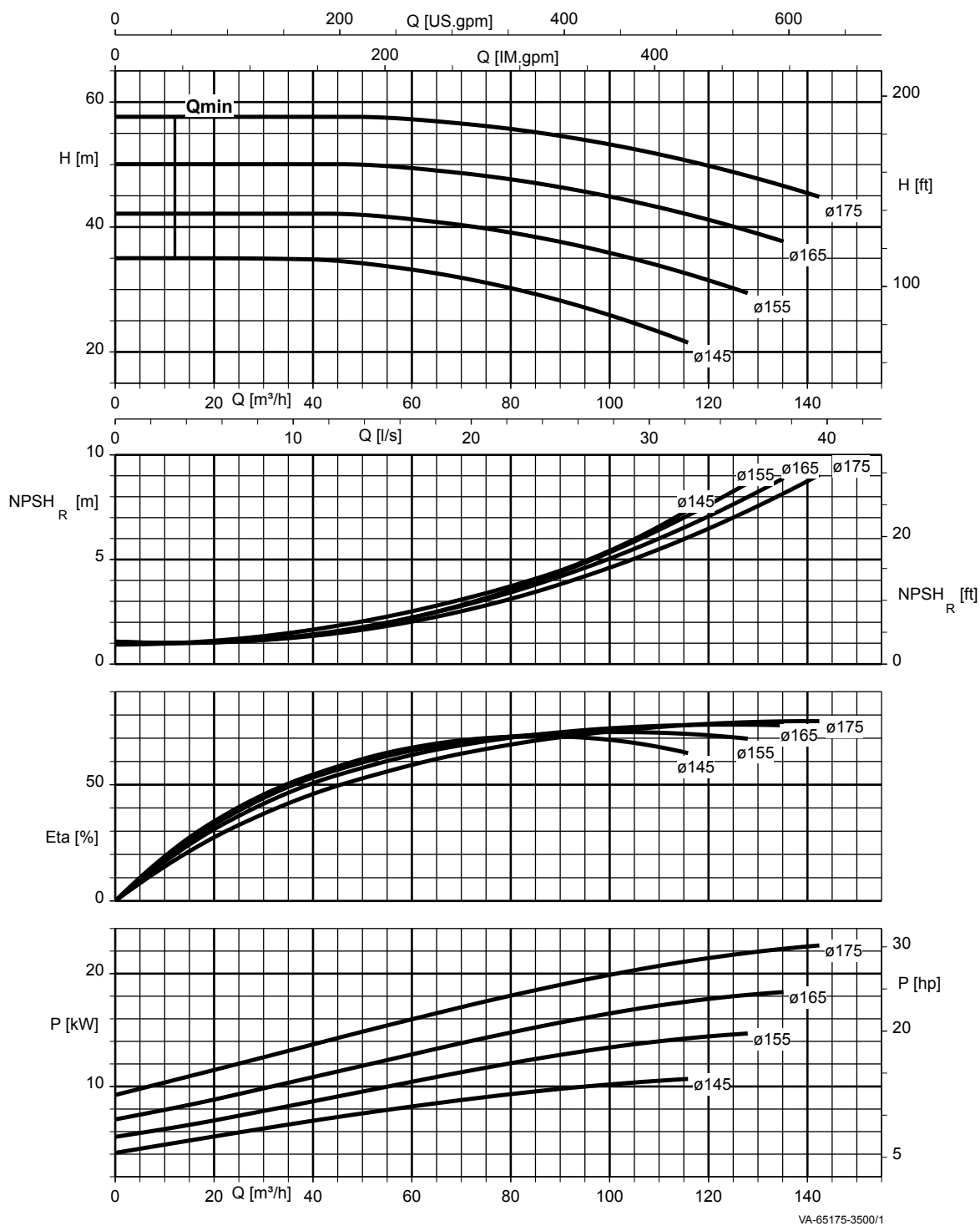
Vitacast 065-050-210, 3500 rpm



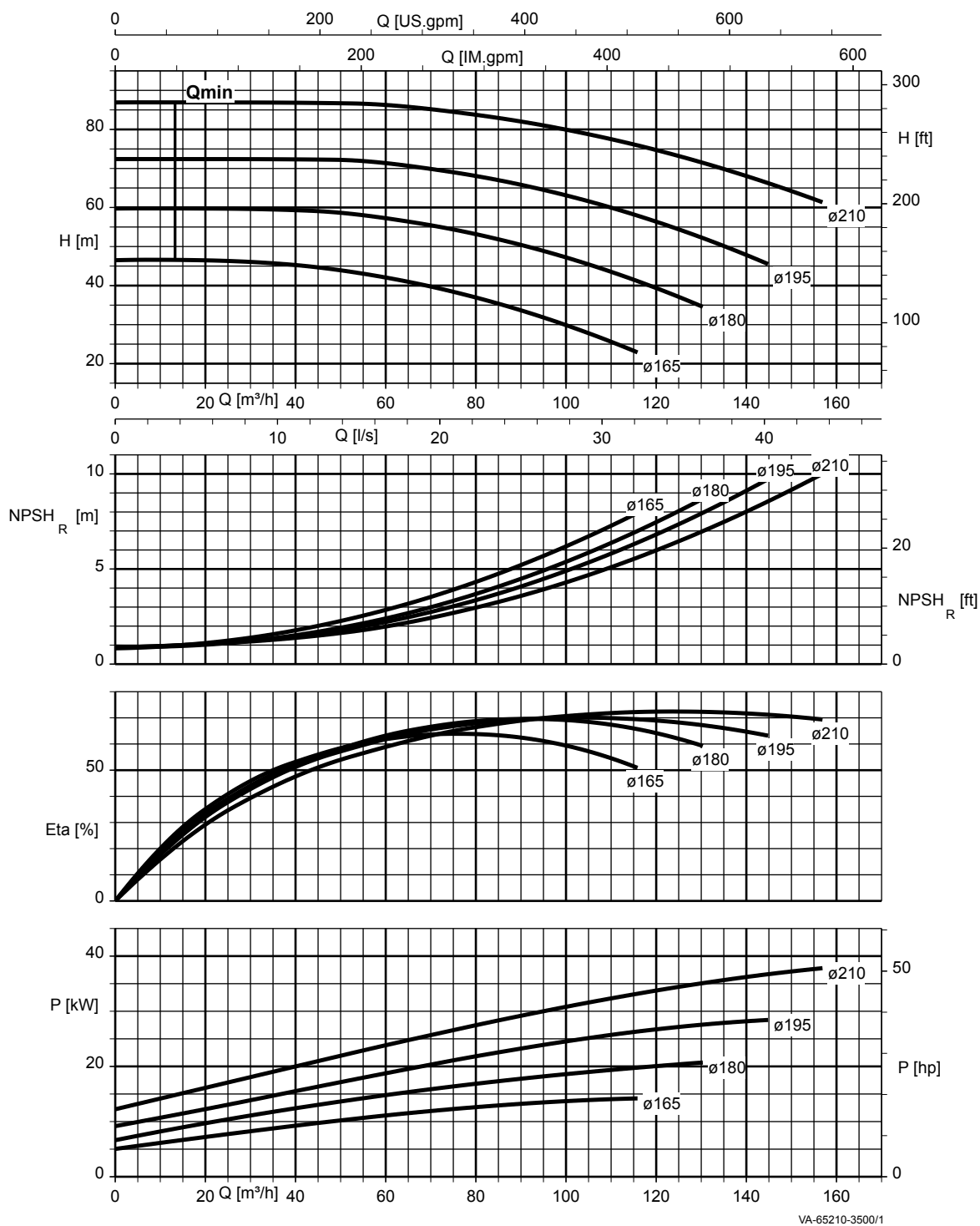
Vitacast 080-065-145, 3500 rpm



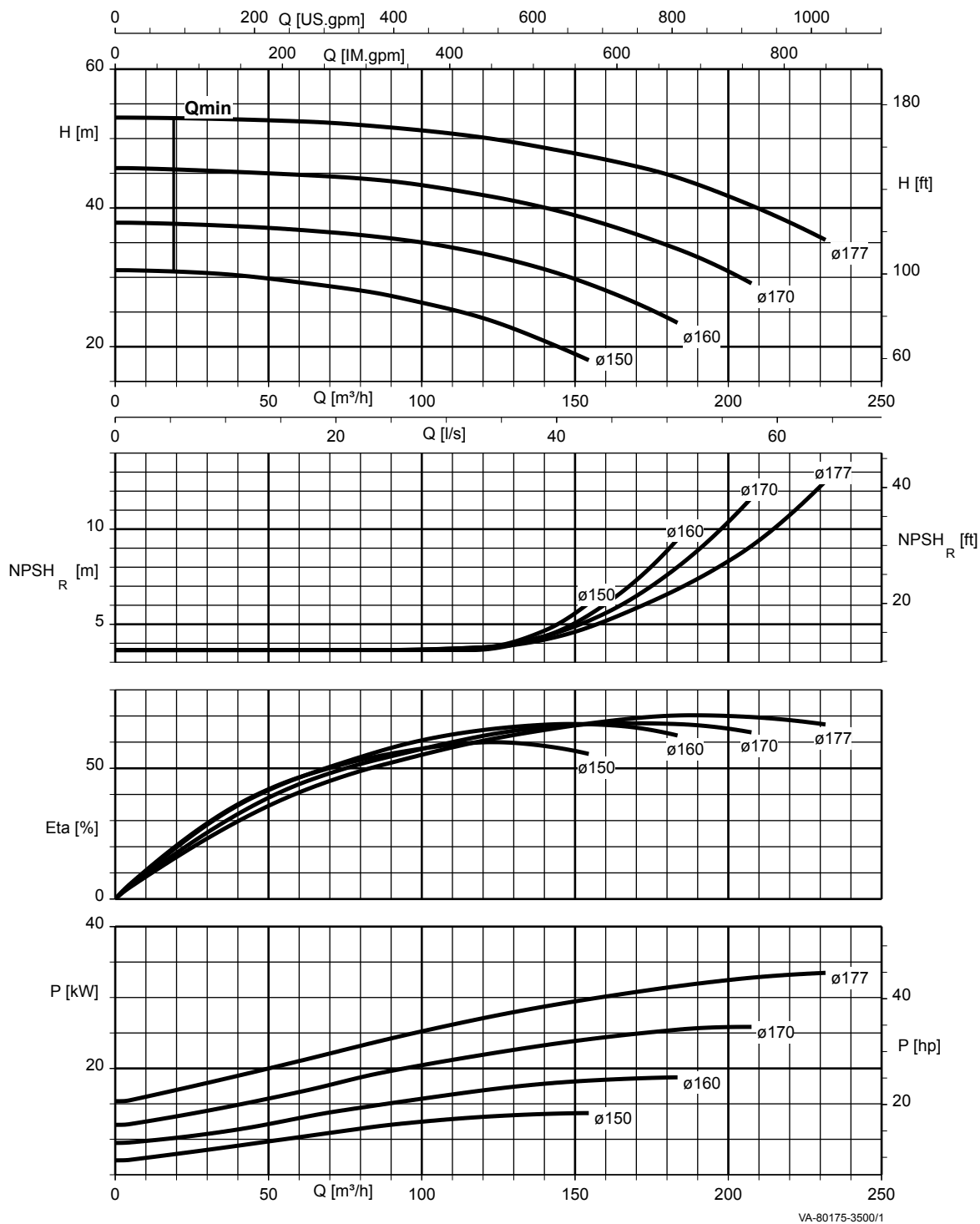
Vitacast 080-065-175, 3500 rpm



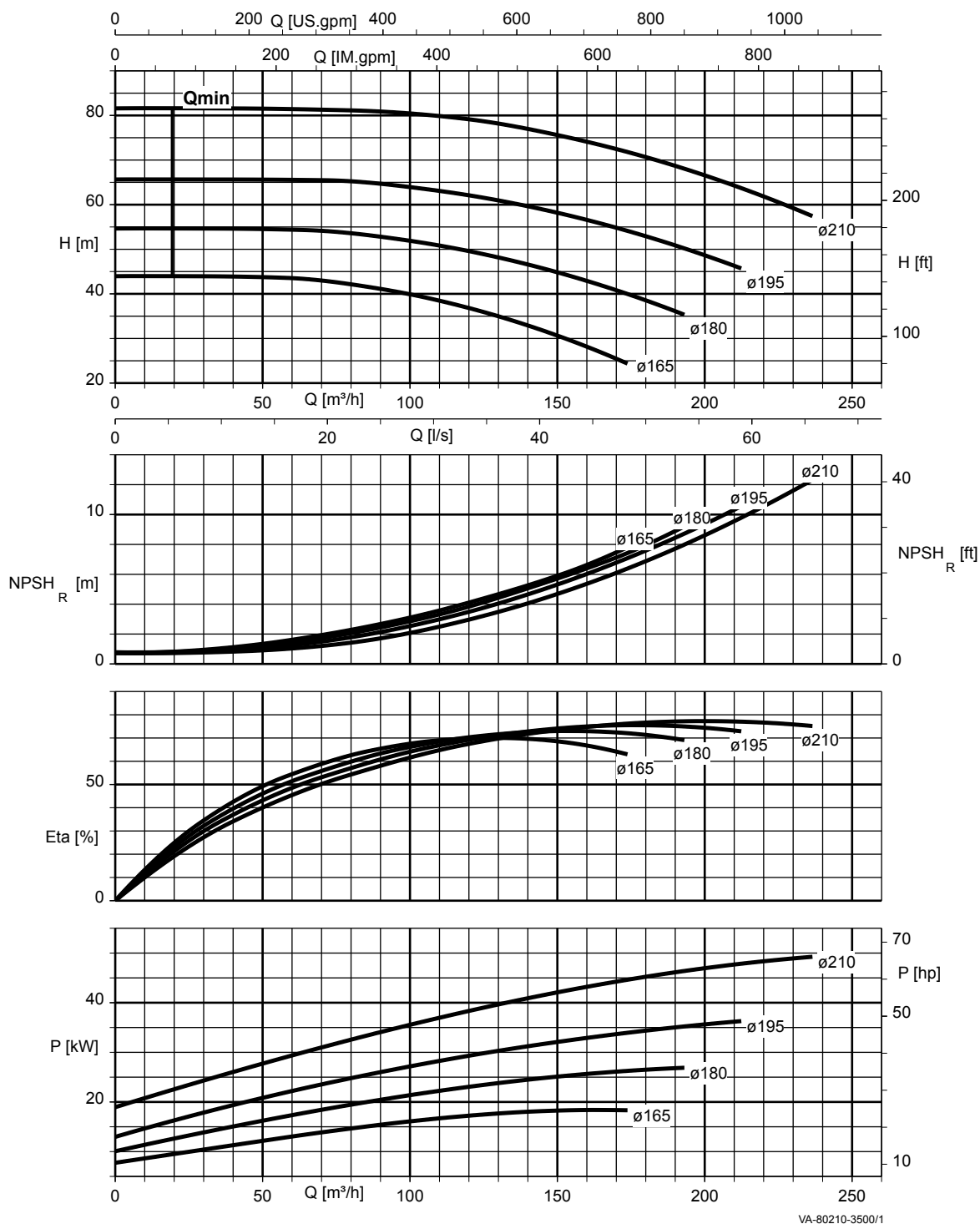
Vitacast 080-065-210, 3500 rpm



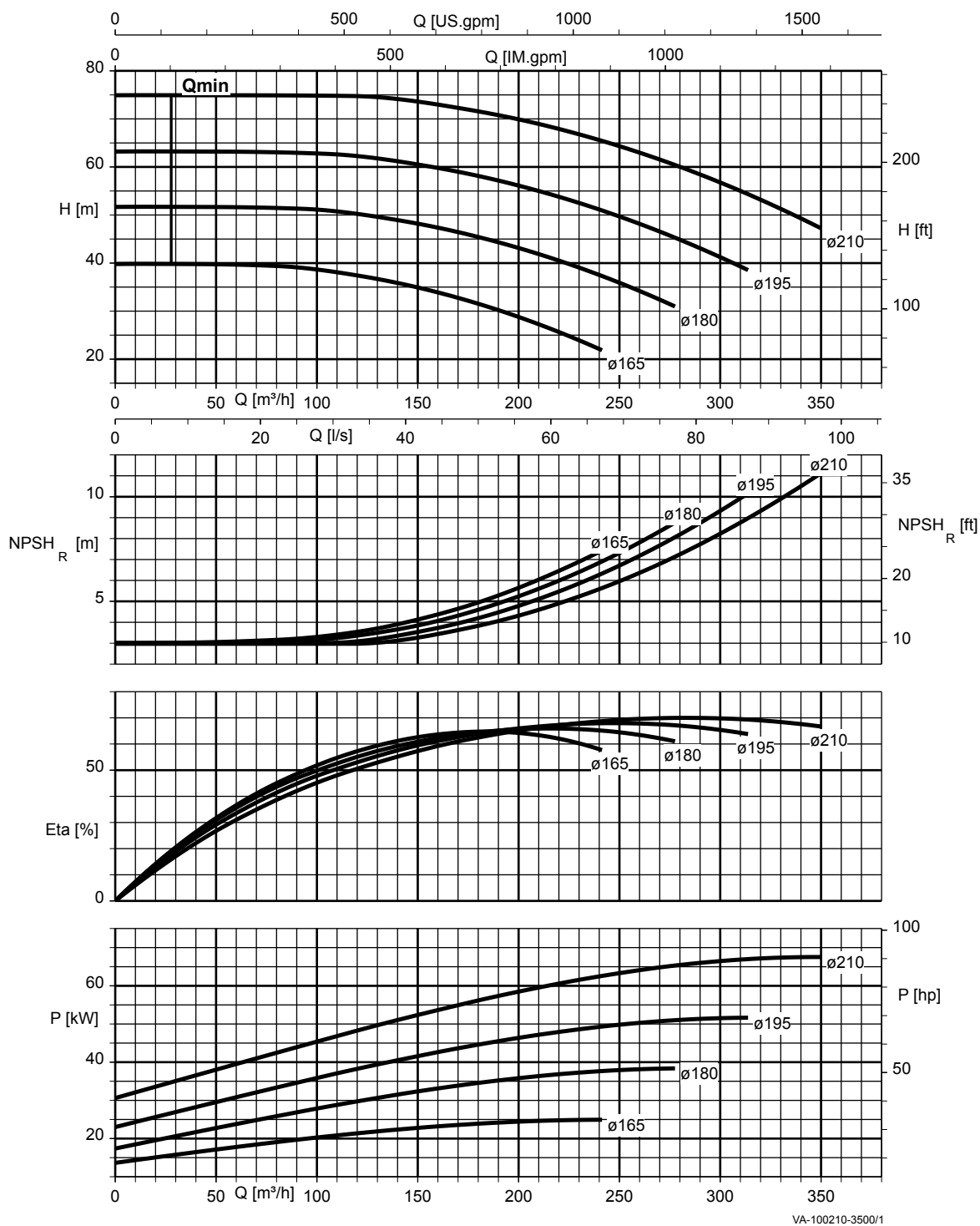
Vitacast 100-080-175, 3500 rpm



Vitacast 100-080-210, 3500 rpm



Vitacast 125-100-210, 3500 rpm





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