

Hygiënepomp

Vitacast / Vitacast Bloc

Grafiekenboek



Impressum

Grafiekenboek Vitacast / Vitacast Bloc

Alle rechten voorbehouden. De inhoud mag zonder schriftelijke toestemming van de fabrikant niet worden verspreid, verveelvuldigd, bewerkt noch aan derden worden doorgegeven.

In het algemeen geldt: Technische wijzigingen voorbehouden.

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Hygiënepomp

Pompen voor steriele en levensmiddelentechniek

Vitacast, Vitacast-Bloc



Algemeen

Afnameklasse: grafieken conform ISO 9906-klasse 3B

NPSH-waarden

De in de grafiek aangegeven NPSH-metwaarden komen overeen met een afname van de opvoerhoogte van 3%.

NPSH-waarde in deellastgebied

NPSH-waarden voor capaciteiten kleiner dan $Q = 0,3 \times Q_{opt}$ kunnen alleen met zeer veel inspanning worden gemeten. De NPSH-waarden in het deellastgebied kunnen niet worden aangetoond.

Soortelijke massa van het te verpompen medium

De opvoerhoogten en vermogensgegevens zijn geldig voor te verpompen media met een soortelijk gewicht van $\rho = 1,0 \text{ kg/dm}^3$ en een kinematische viscositeit v tot max. $20 \text{ mm}^2/\text{s}$. Is het soortelijk gewicht $\neq 1,0$, dan moet het opgegeven vermogen met ρ worden vermenigvuldigd. Bij viscositeiten $>20 \text{ mm}^2/\text{s}$ moeten overeenkomstige koudwatergegevens en de invloed op het pompvermogen worden berekend.

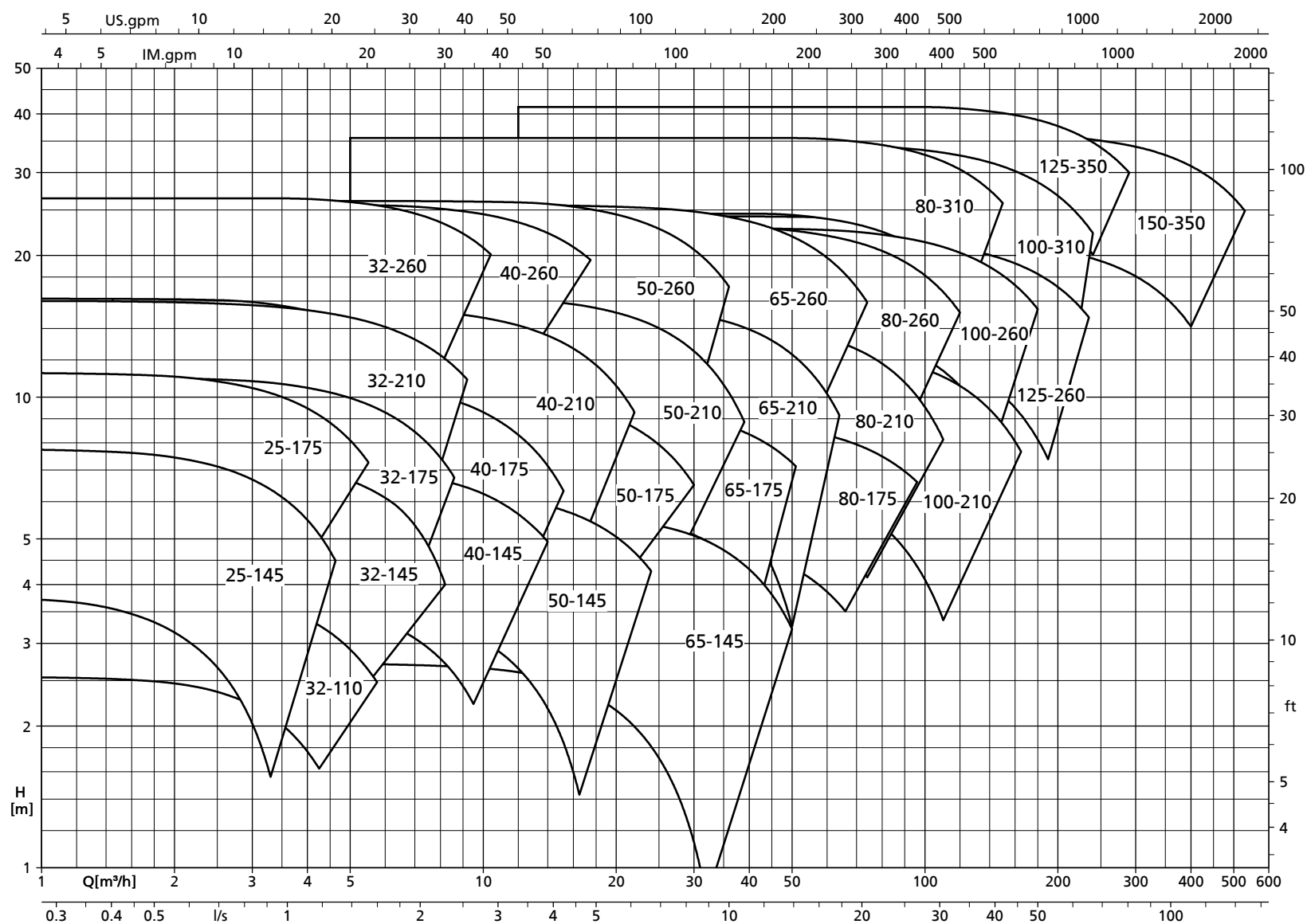
Wrijvingsverlies

Bij bepaalde uitvoeringen (versterkte lagering, bepaalde asafdichtingen) dient rekening gehouden te worden met wrijvingsverliezen. Deze moeten als extra vermogen in het gegevensblad worden weergegeven.

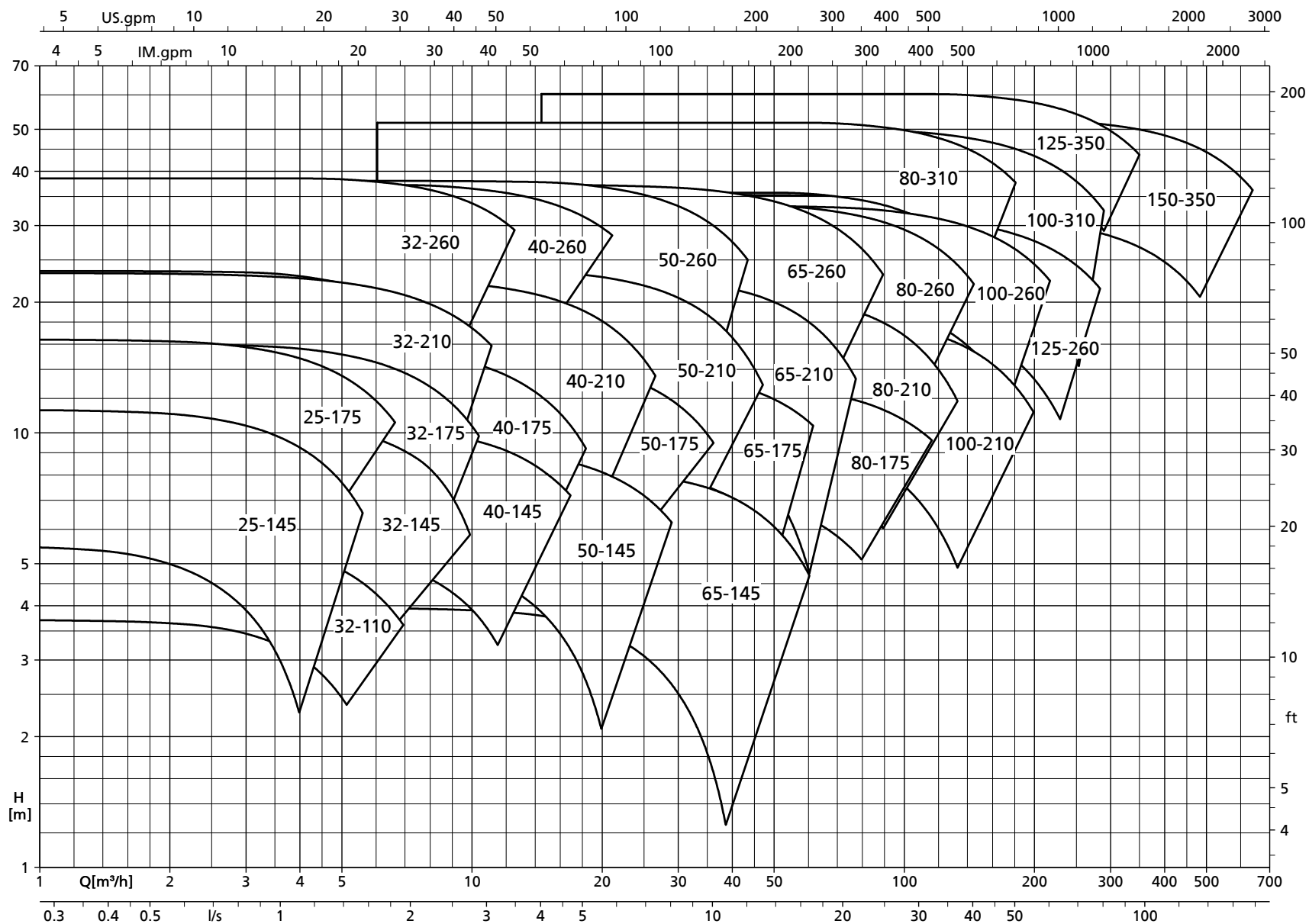
Verliesfactoren

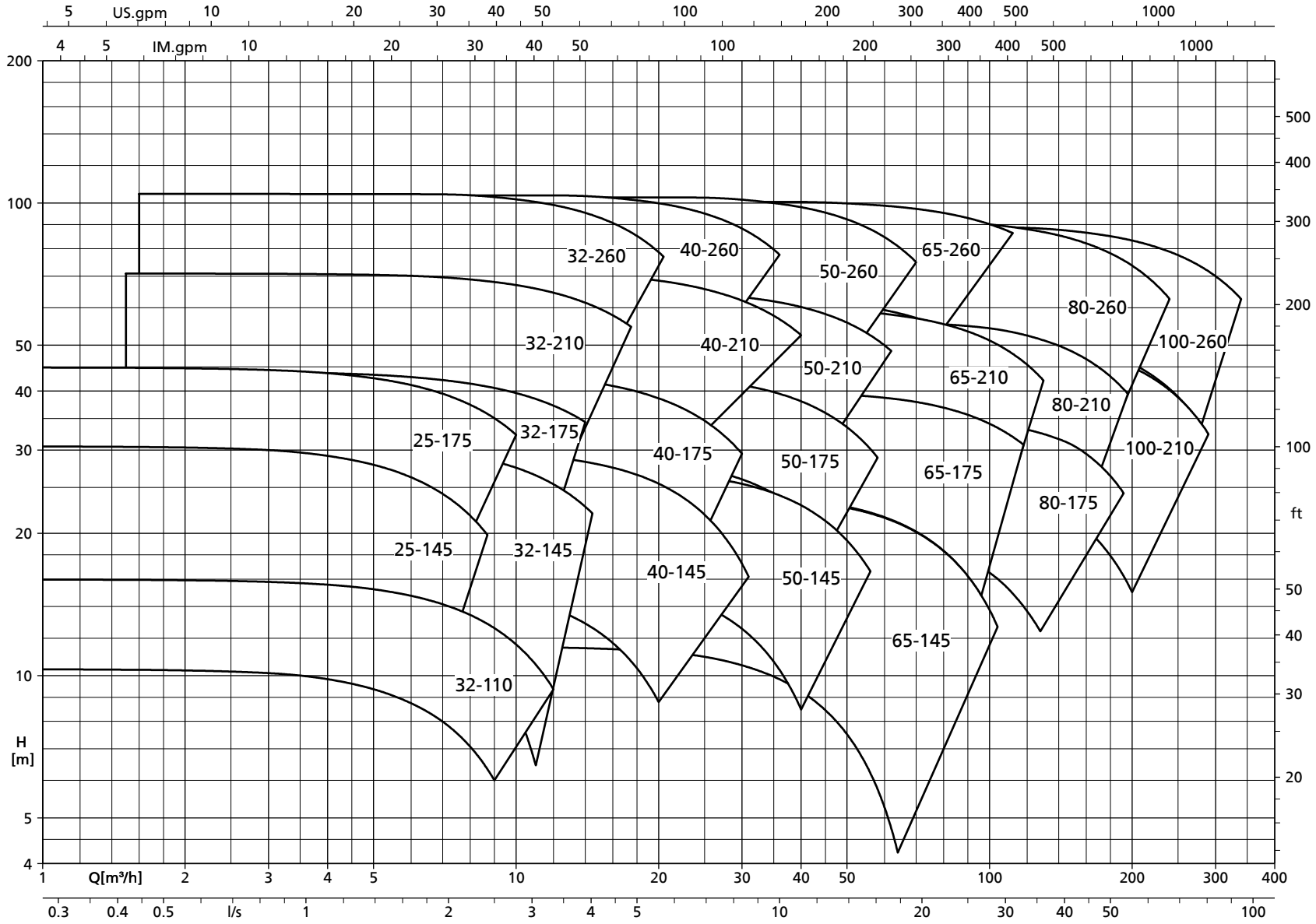
De grafieken gelden voor pompen met gietijzeren resp. bronzen waaiers. Bij gebruik van een gietstalen waaier moeten rendement en vermogen van de desbetreffende pompgrootten met de in de grafiek aangegeven verliesfactoren worden gecorrigeerd.

Verzamelgrafieken

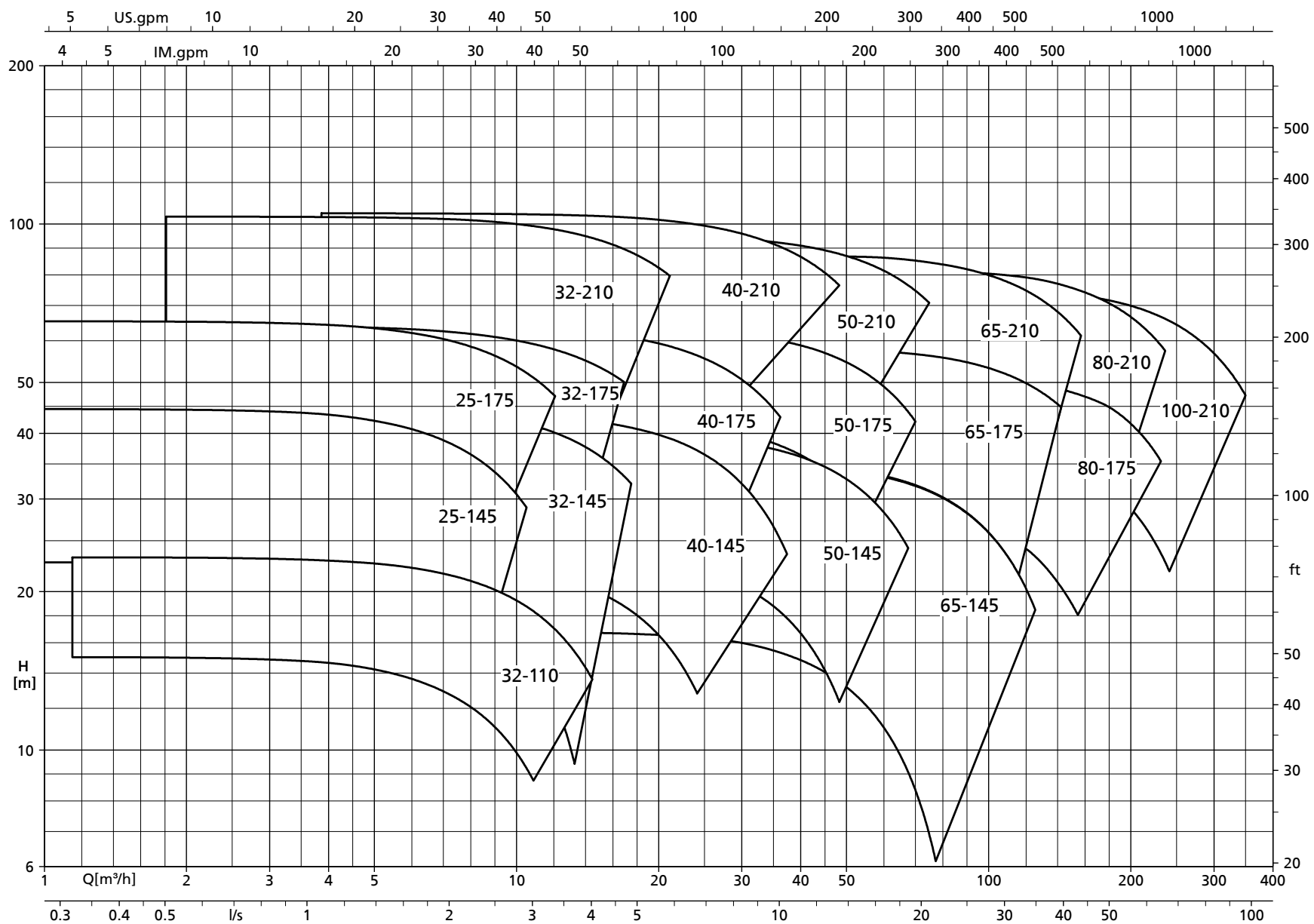
Vitacast, Vitacast-Bloc, $n = 1450 \text{ min}^{-1}$ 

Vitacast, Vitacast-Bloc, $n = 1750 \text{ min}^{-1}$



Vitacast, Vitacast-Bloc, $n = 2900 \text{ min}^{-1}$ 

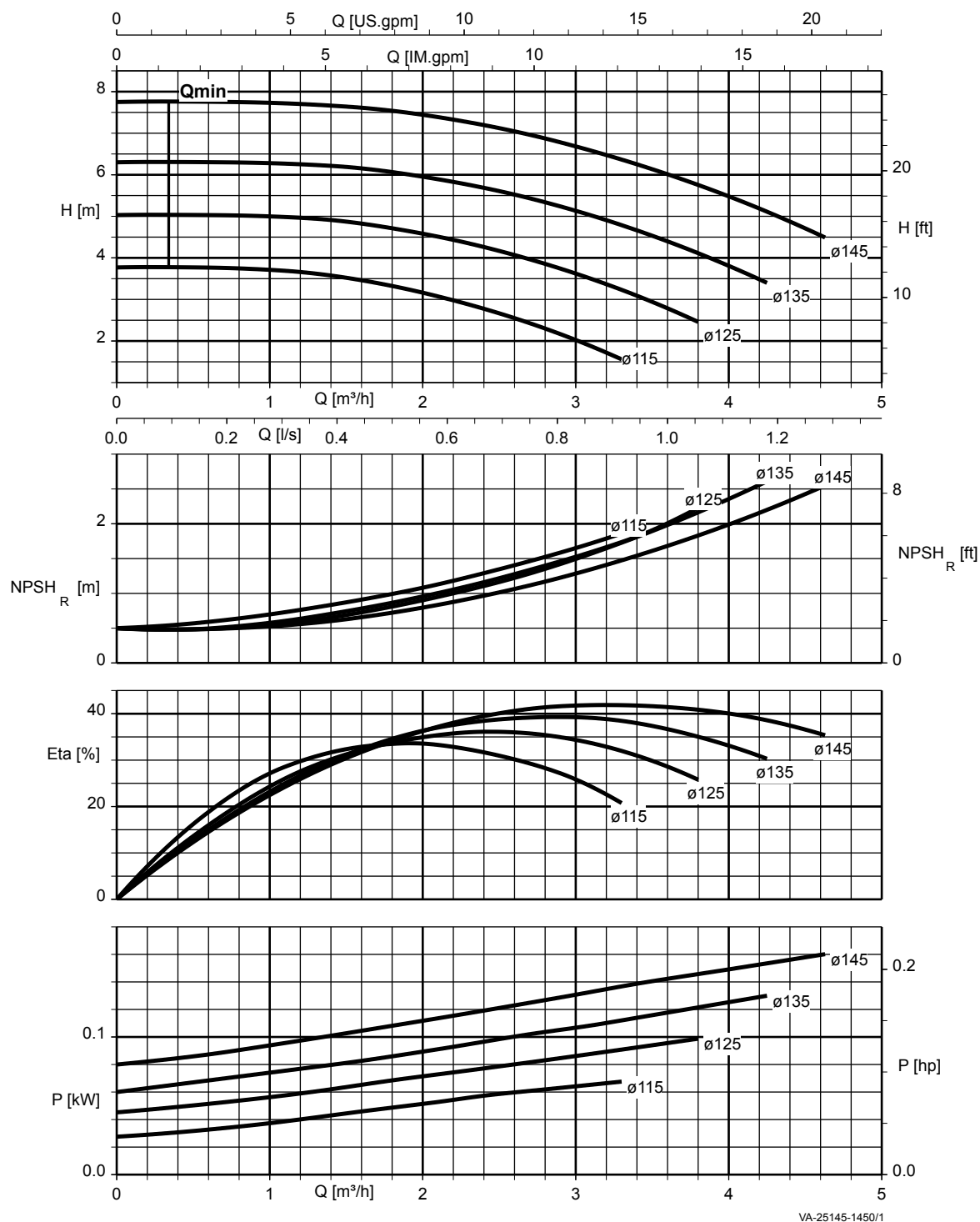
Vitacast, Vitacast-Bloc, n = 3500 min⁻¹



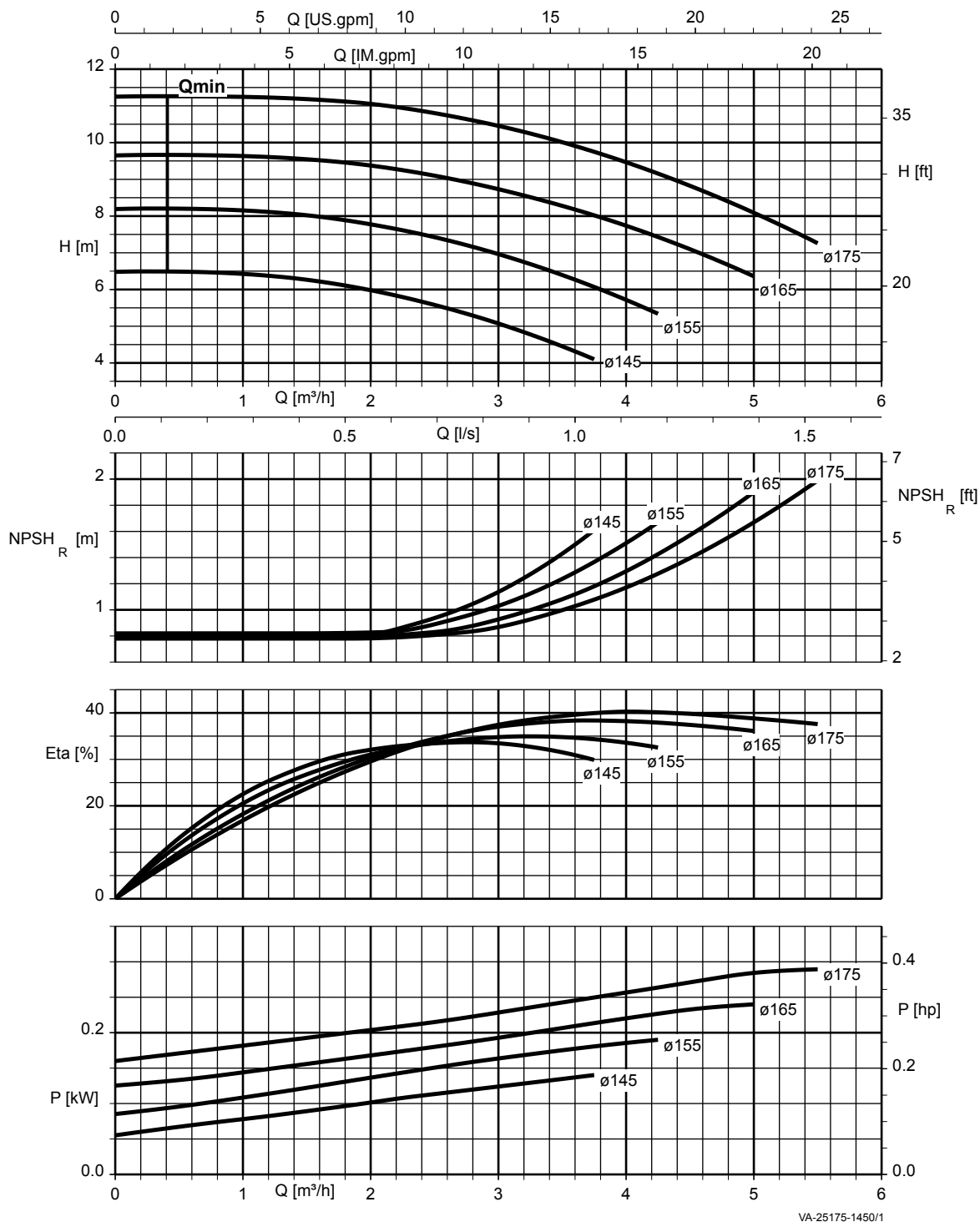
Grafieken

$n = 1450 \text{ min}^{-1}$

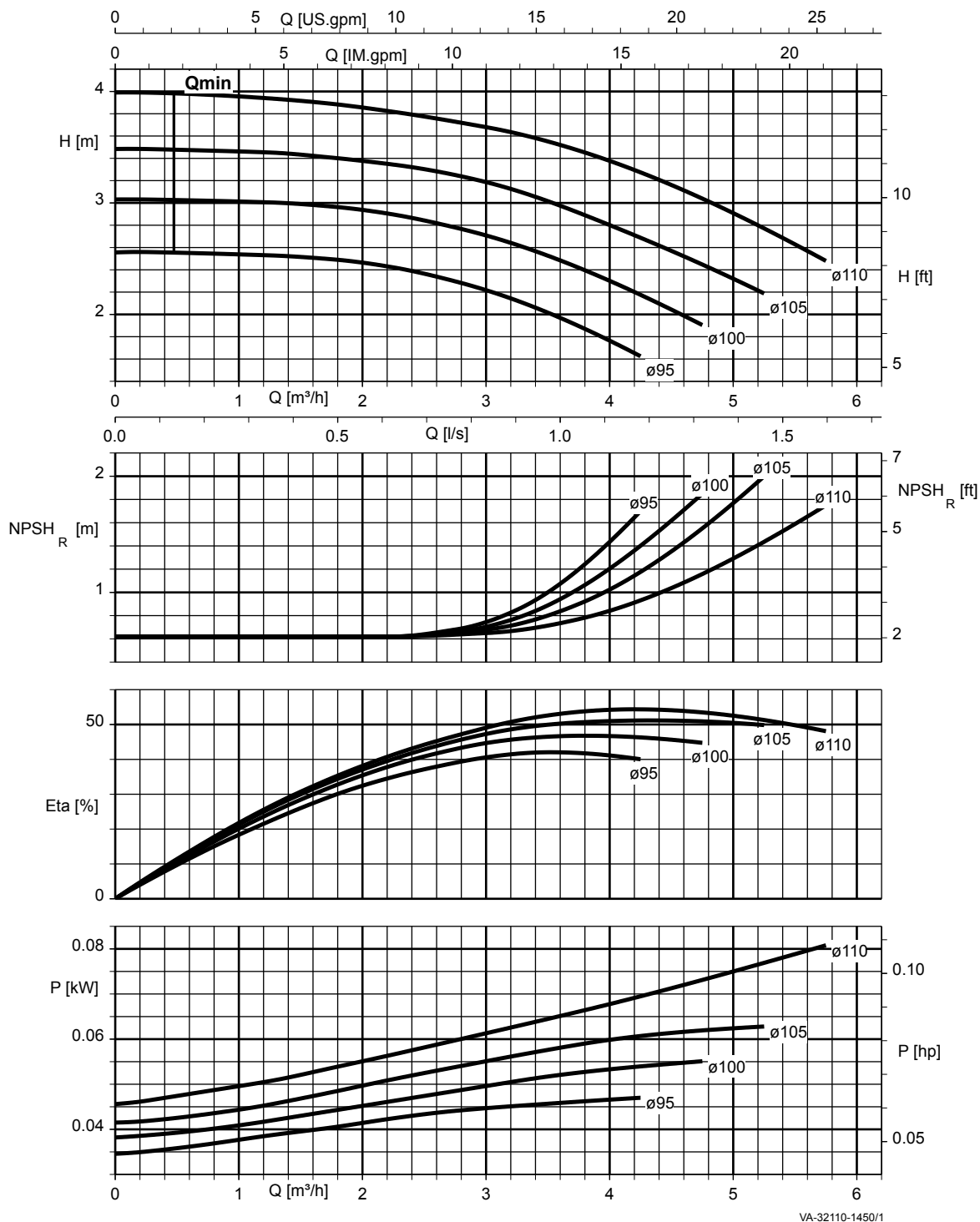
Vitacast 032-025-145, 1450 min^{-1}



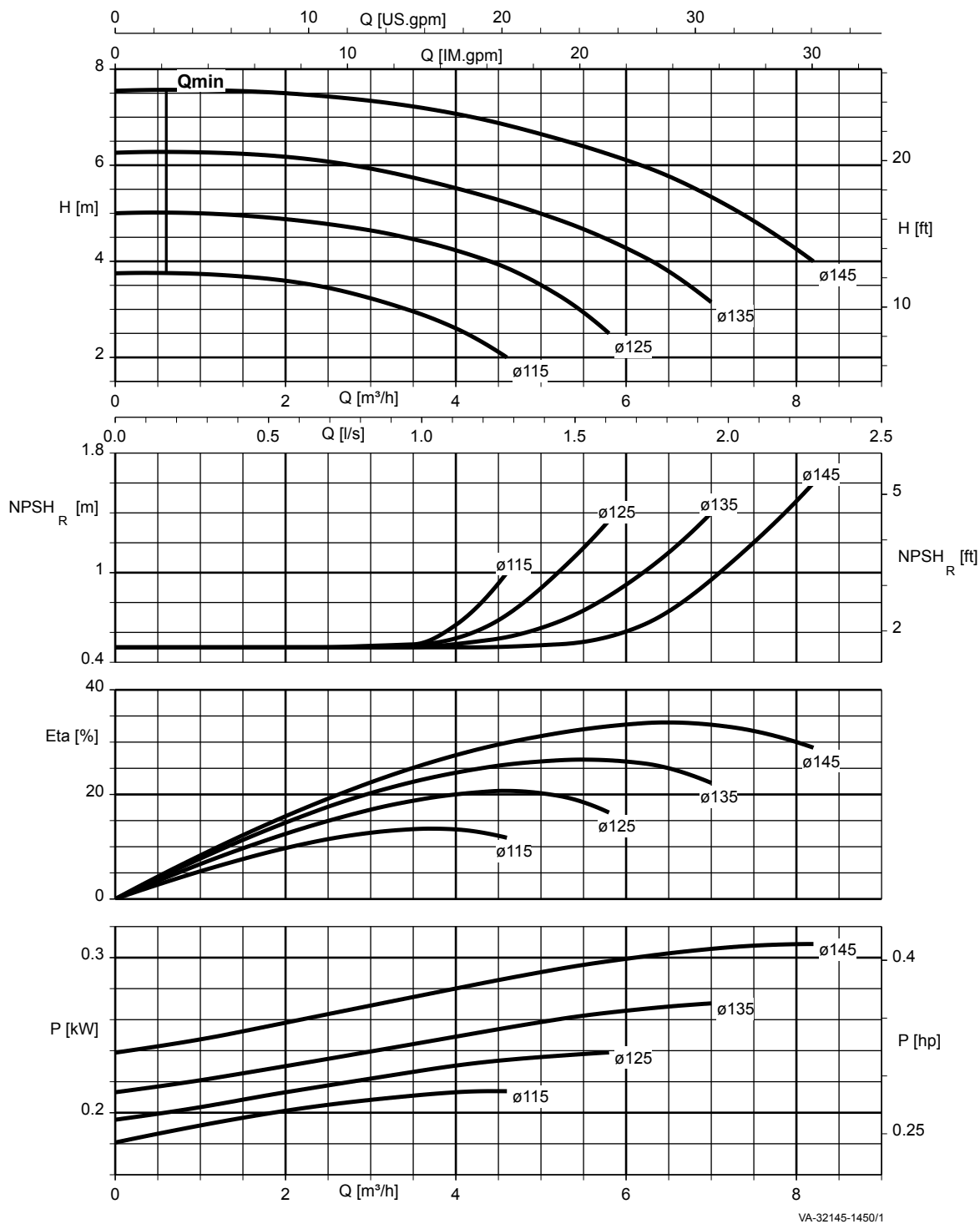
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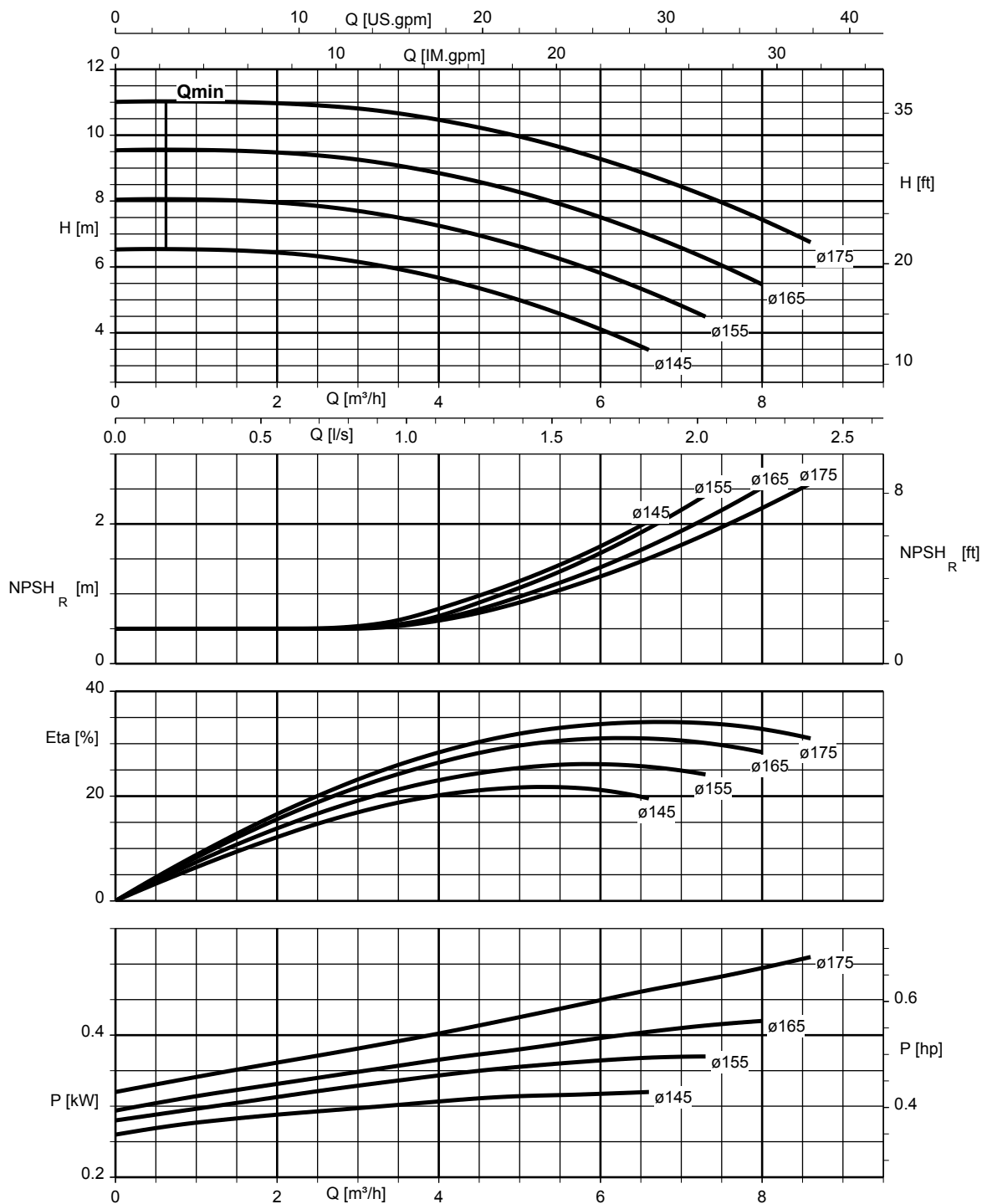
Vitacast 040-032-110, 1450 min⁻¹



Vitacast 040-032-145, 1450 min⁻¹

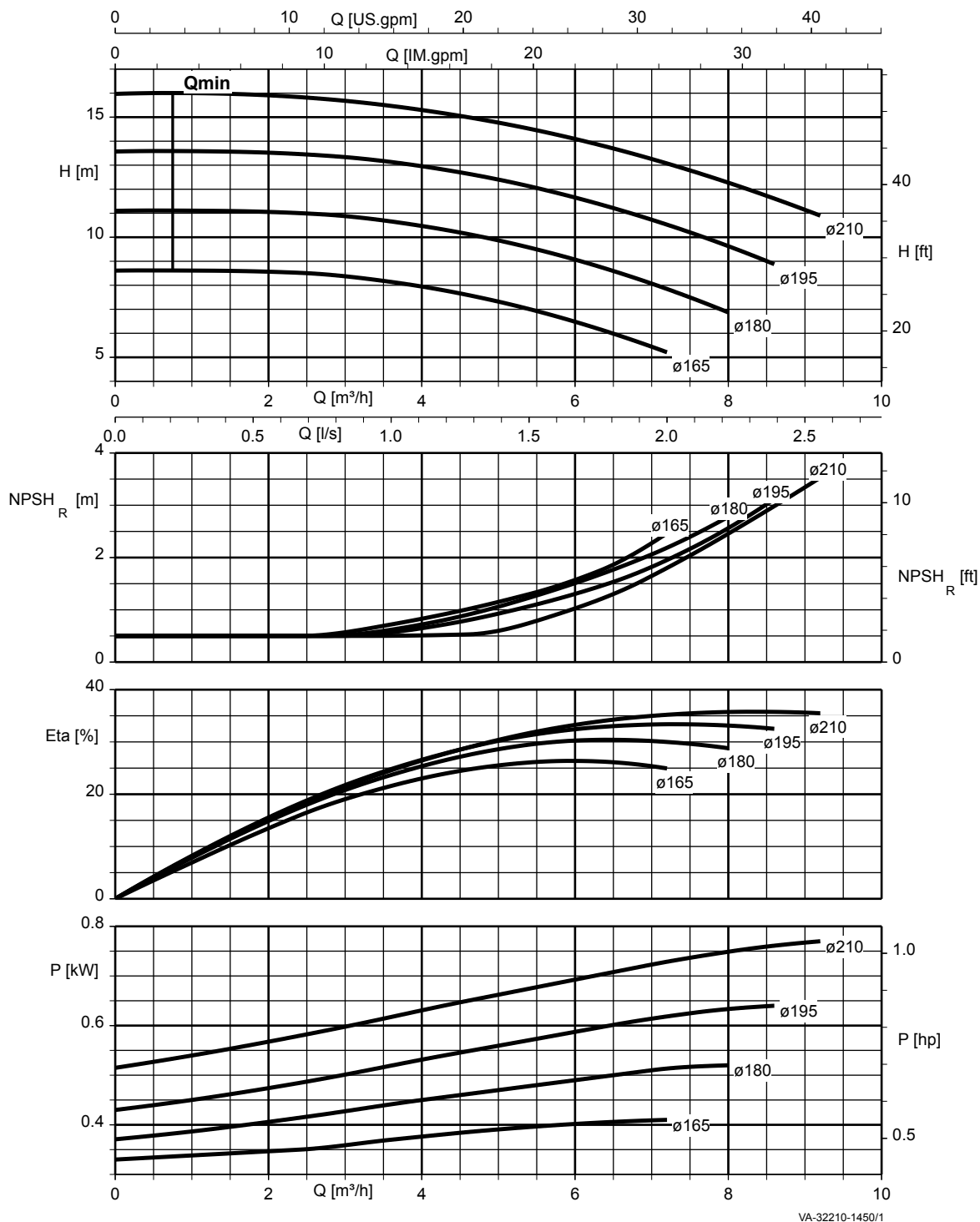


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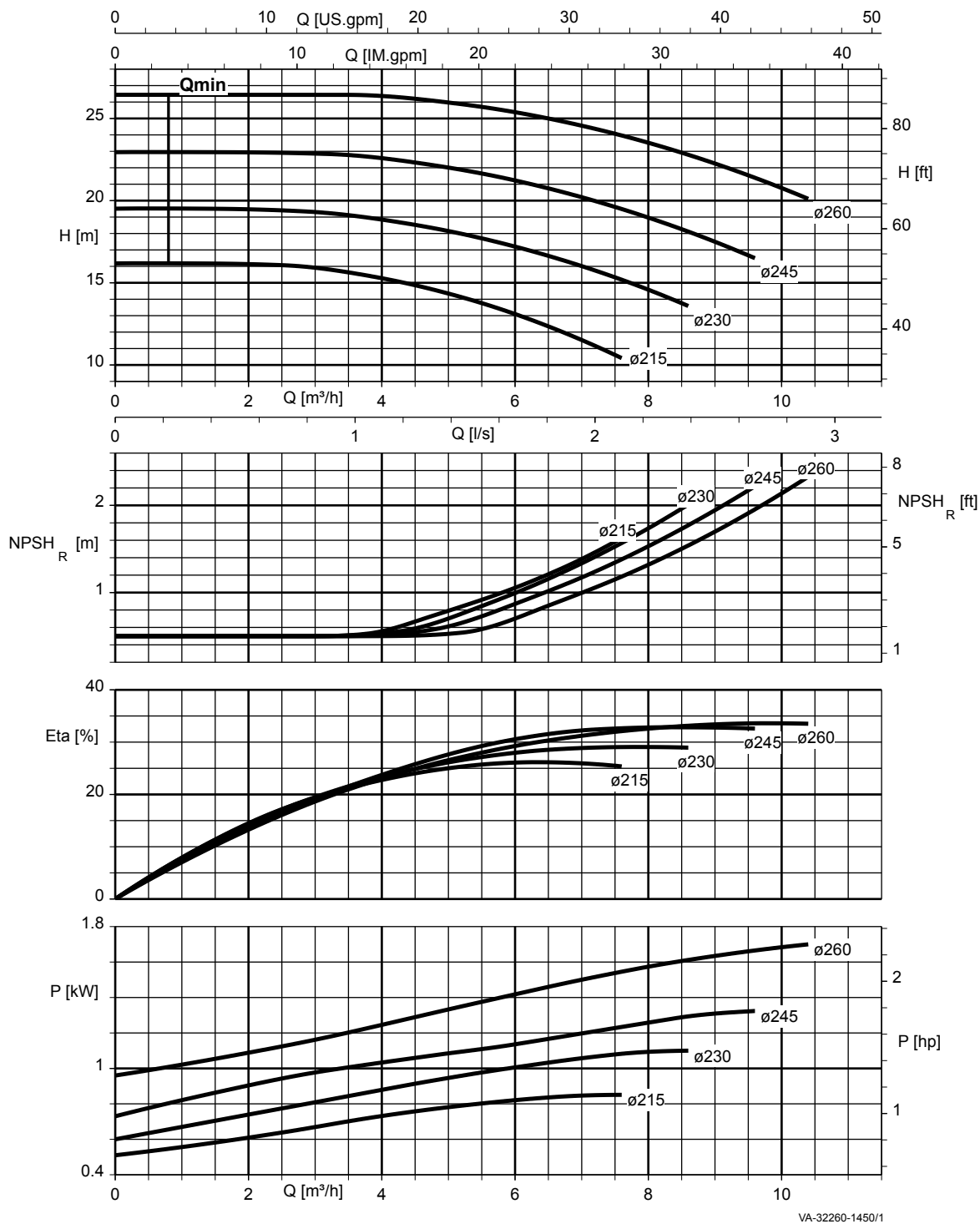


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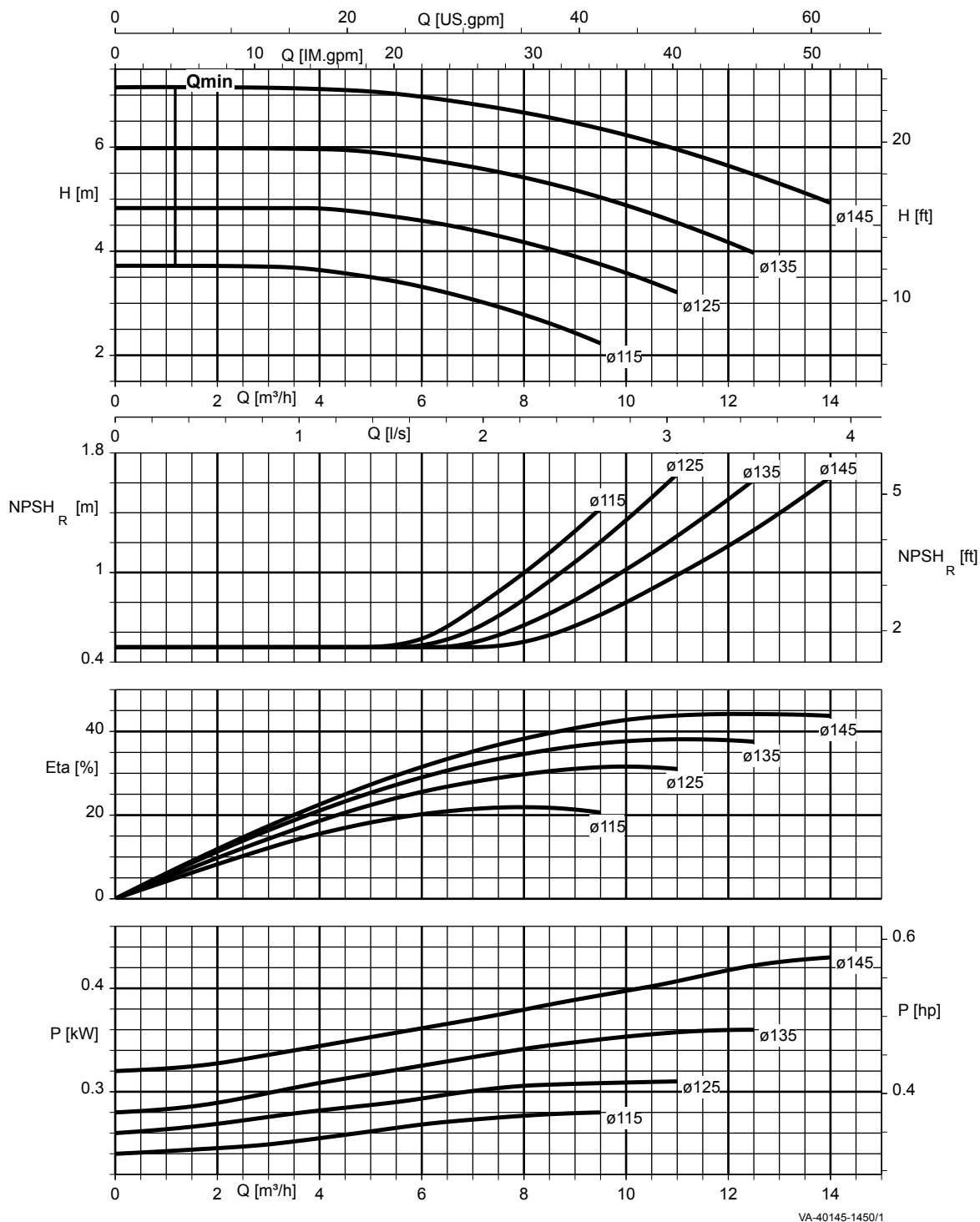
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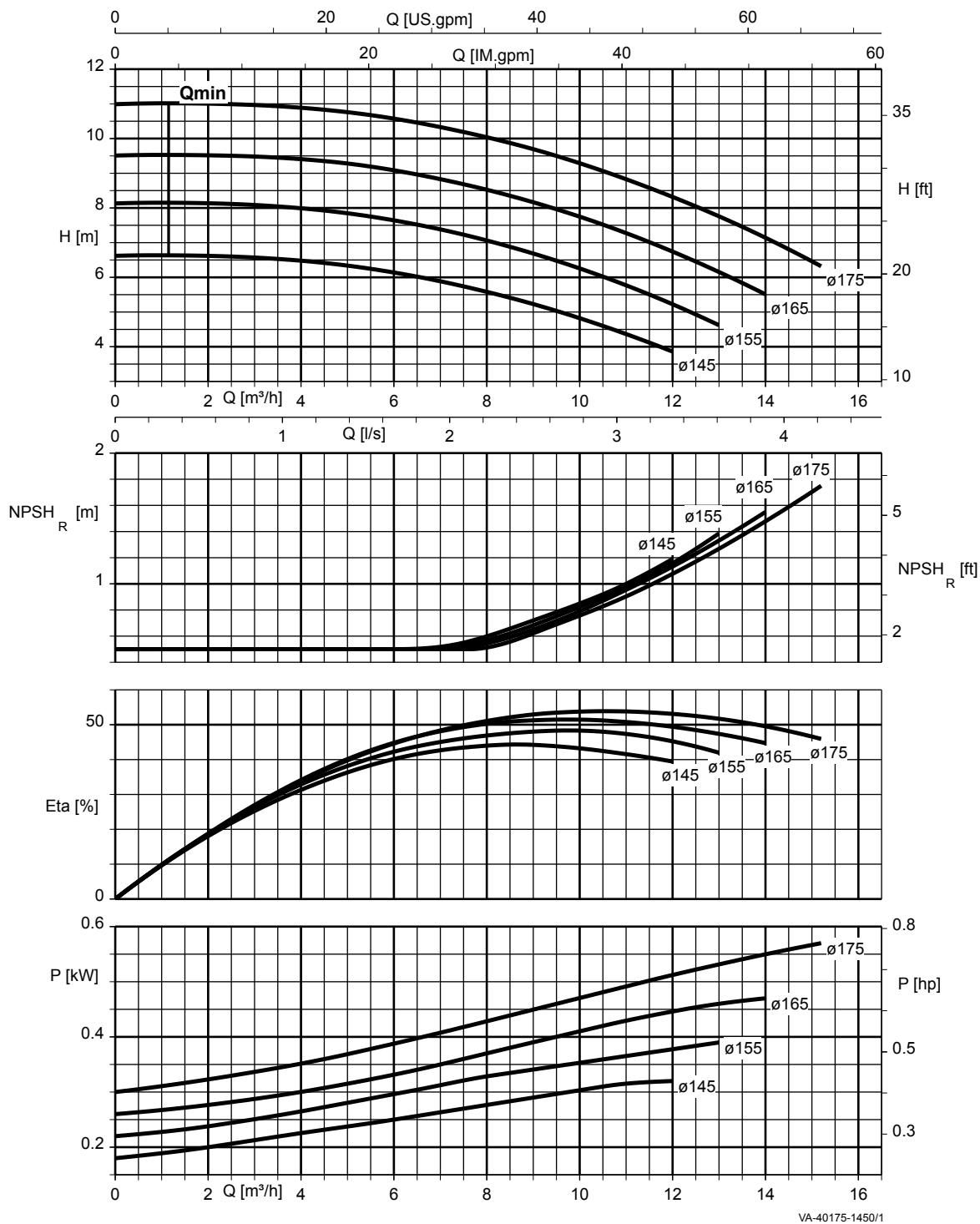
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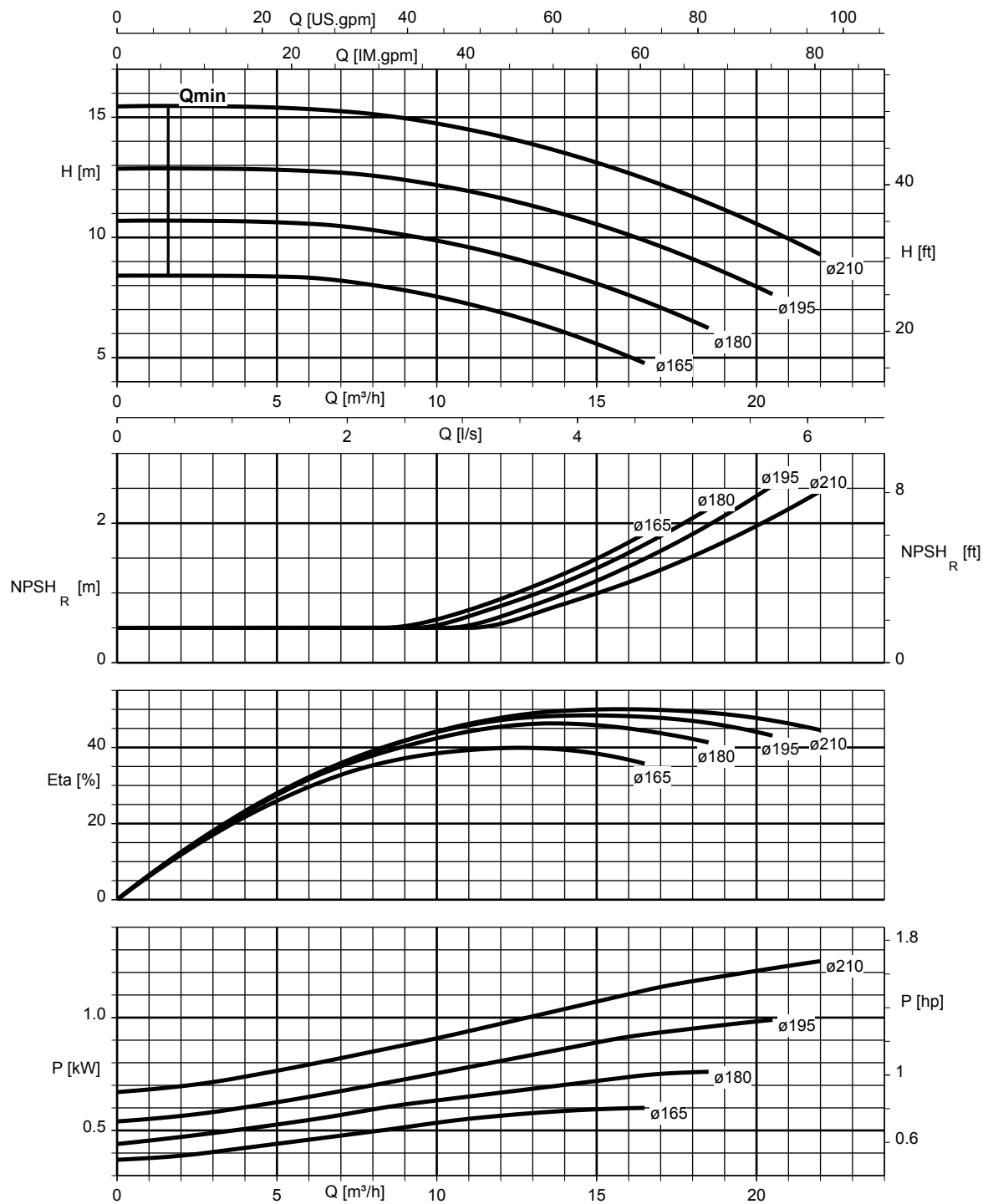
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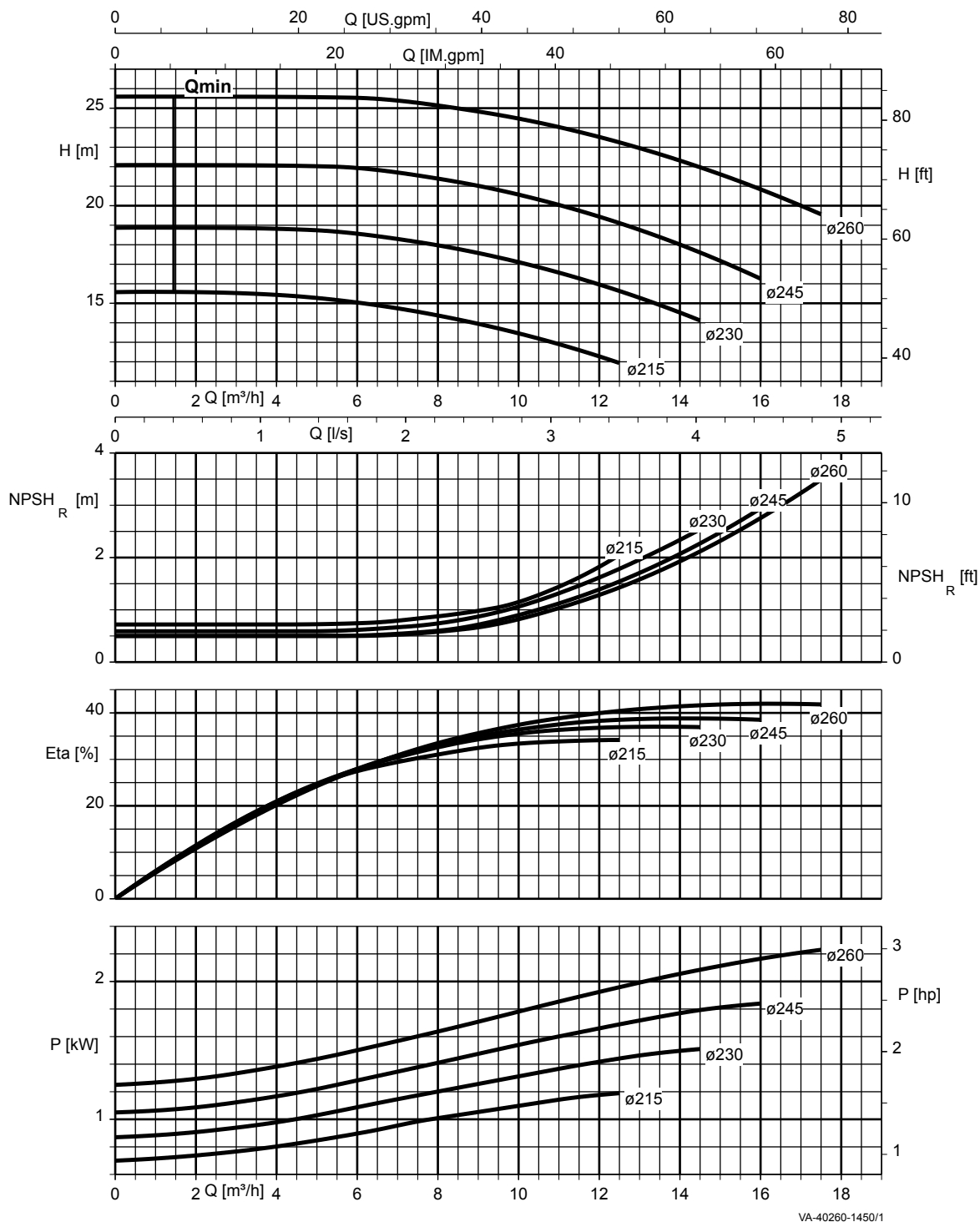
Vitacast 050-040-175, 1450 min⁻¹



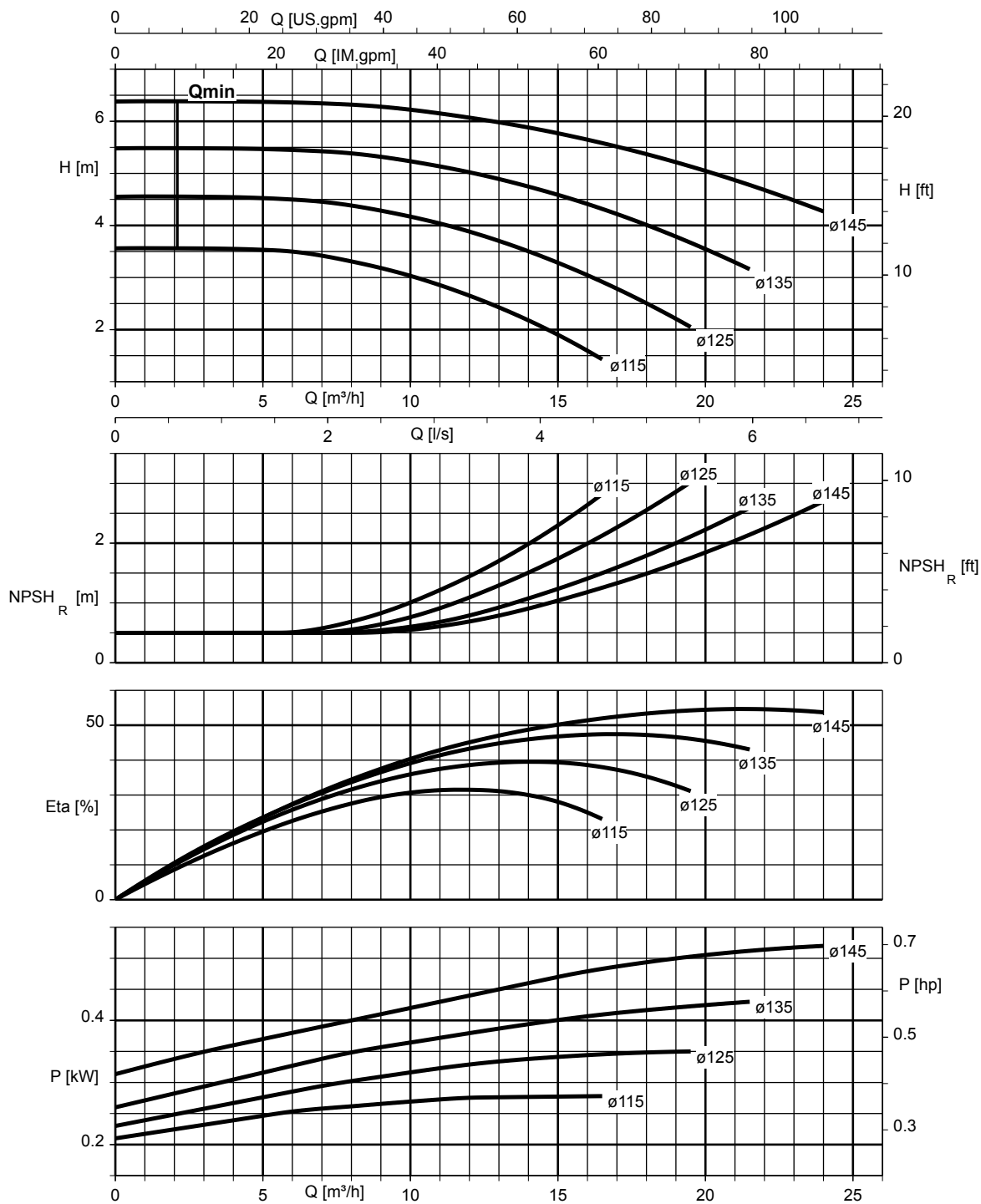
Vitacast 050-040-210, 1450 min⁻¹



Vitacast 050-040-260, 1450 min⁻¹

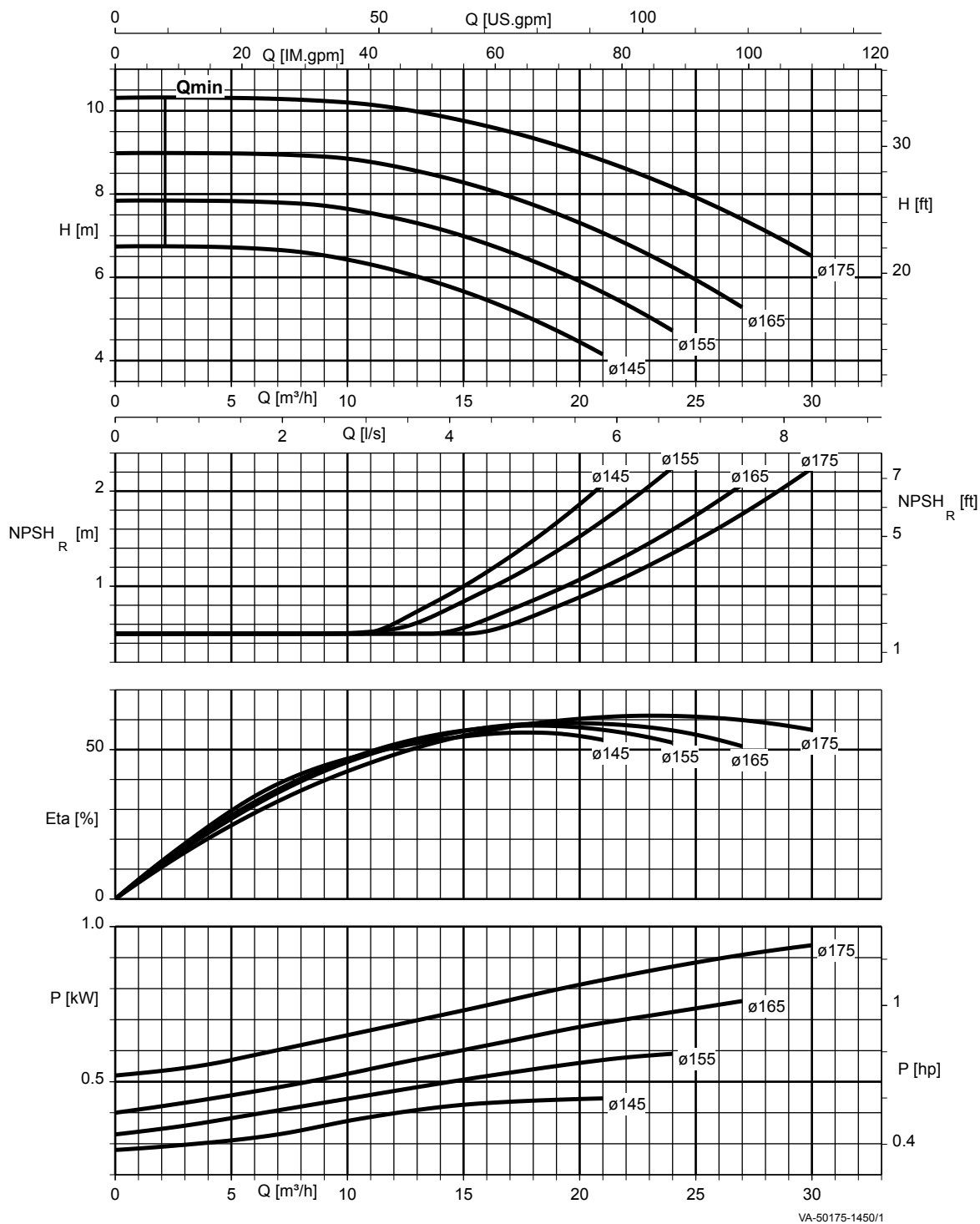


Vitacast 065-050-145, 1450 min⁻¹

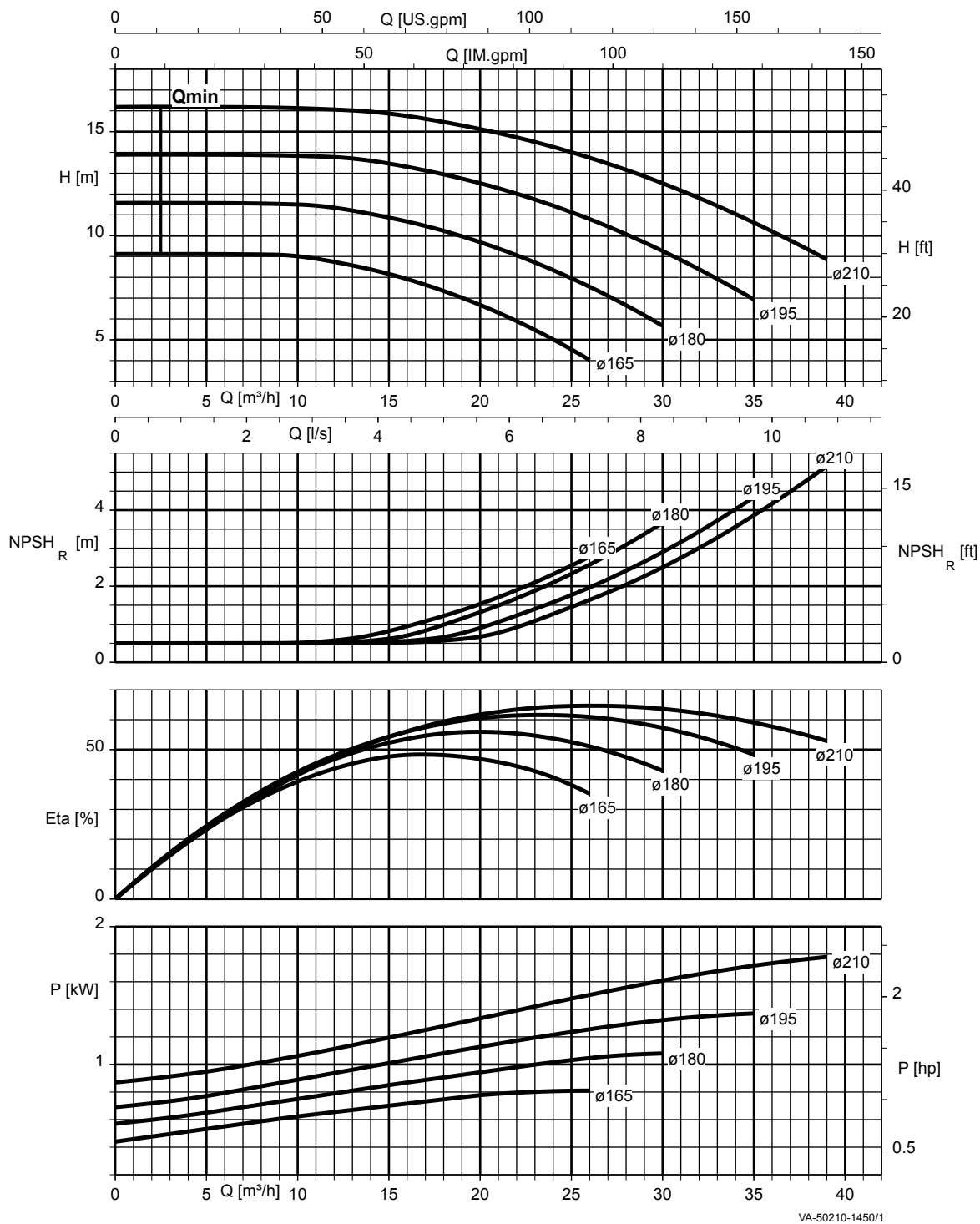


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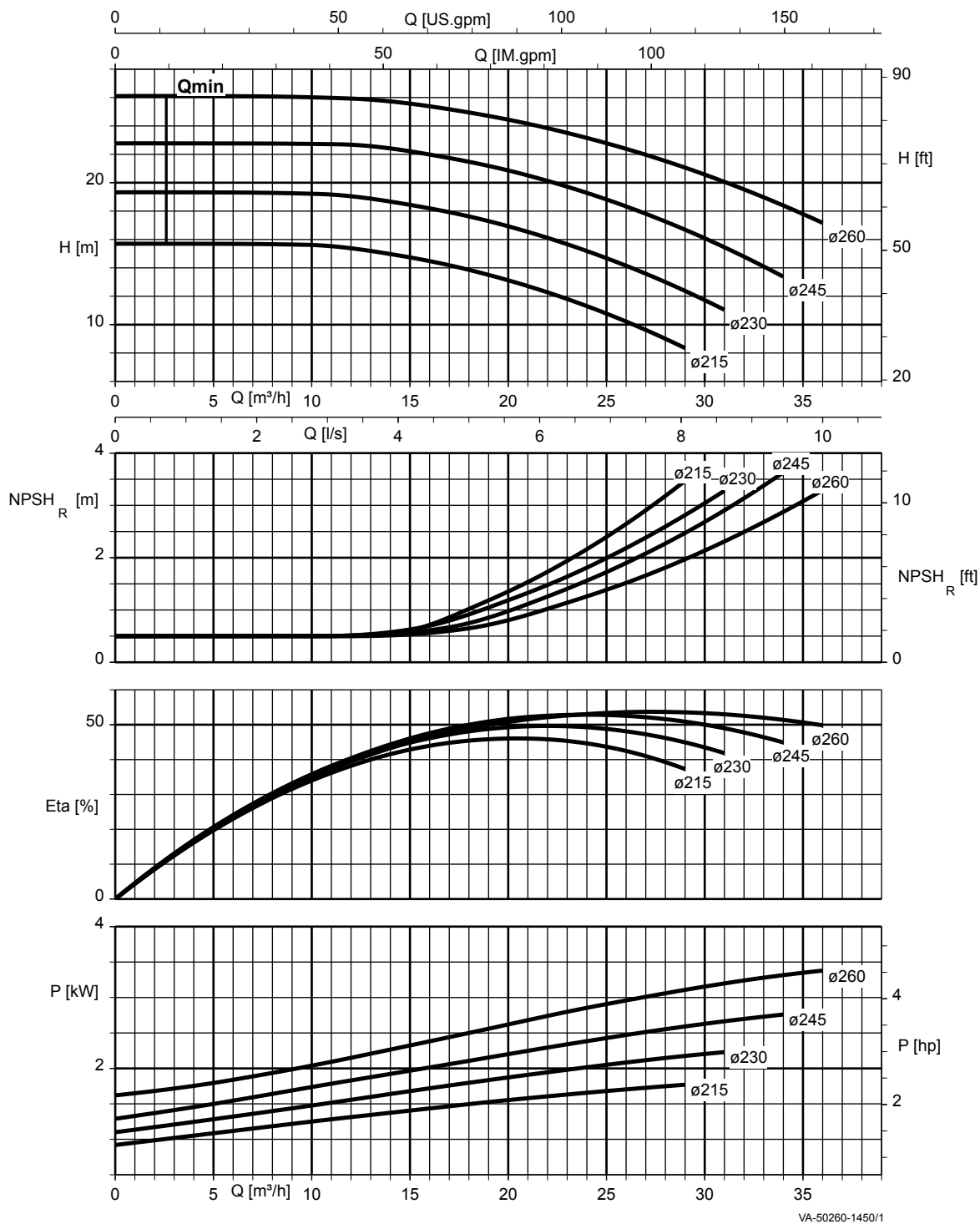
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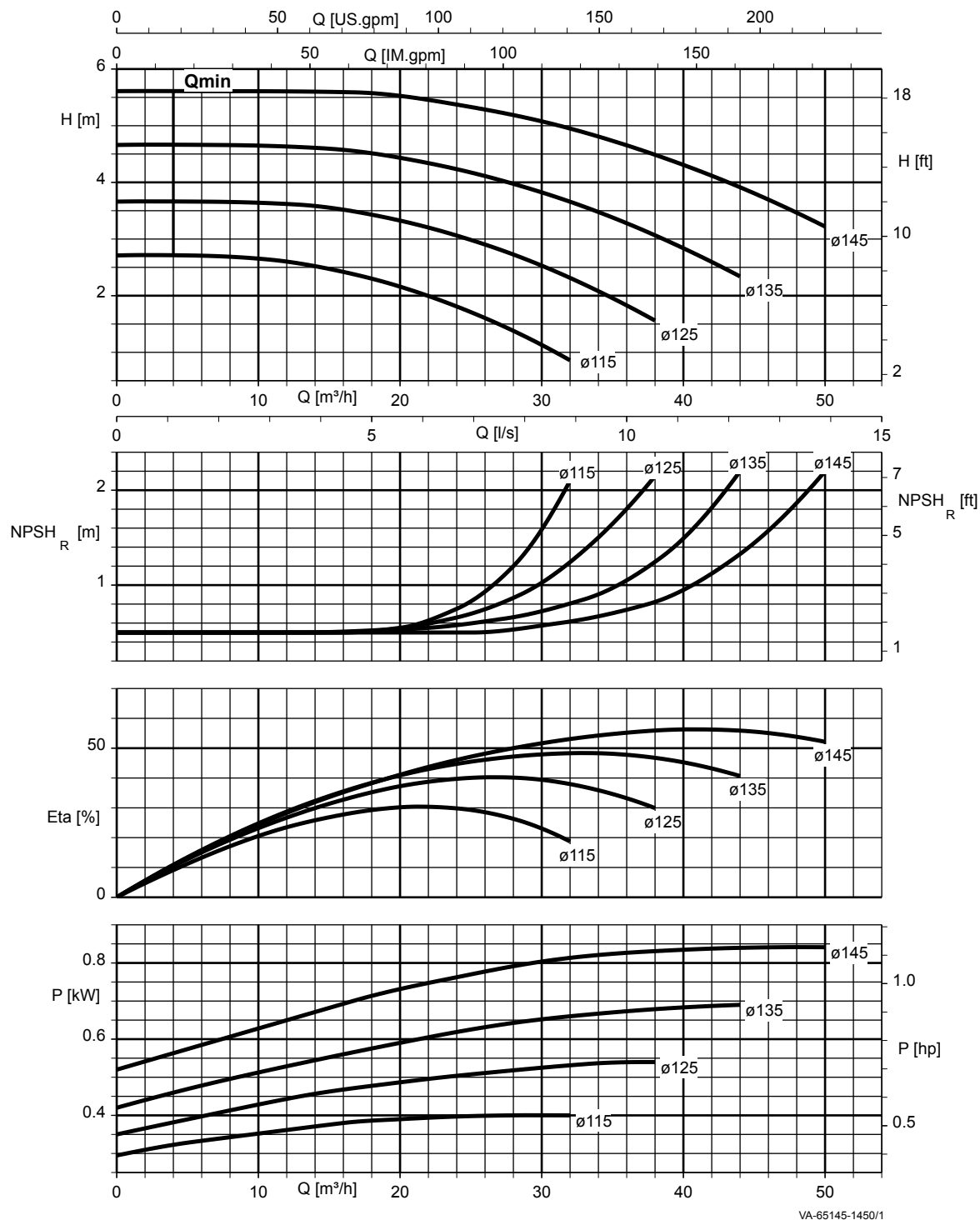
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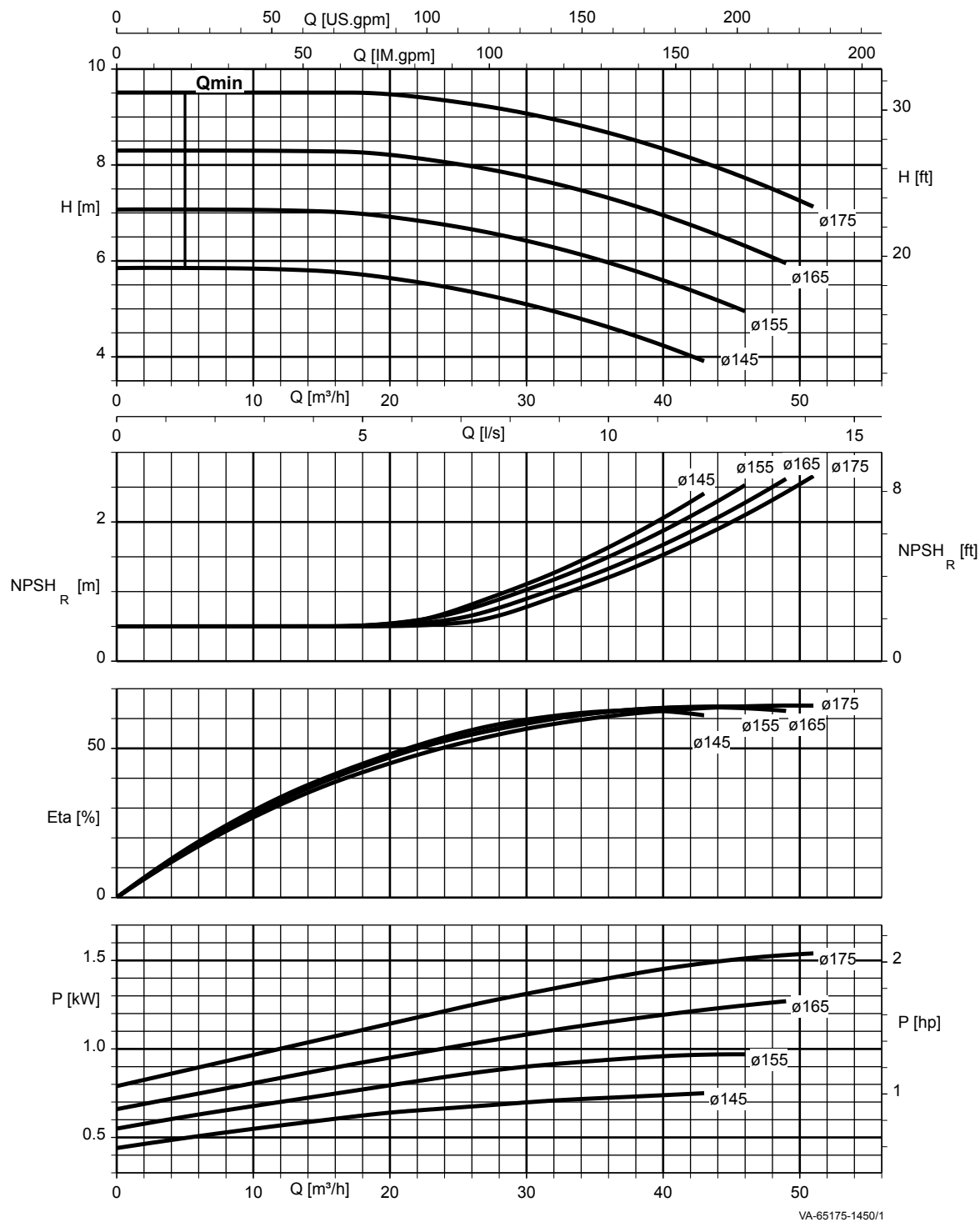
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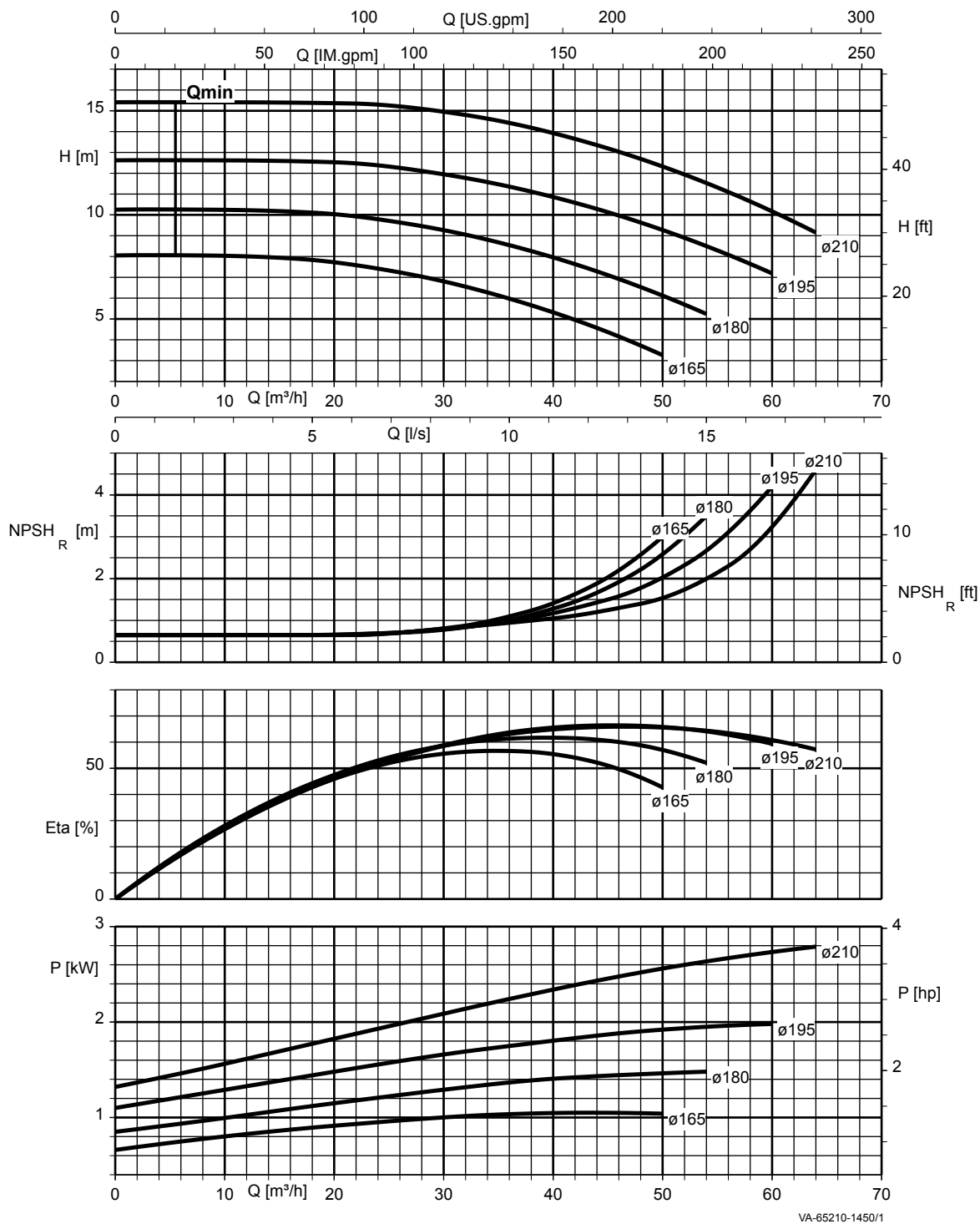
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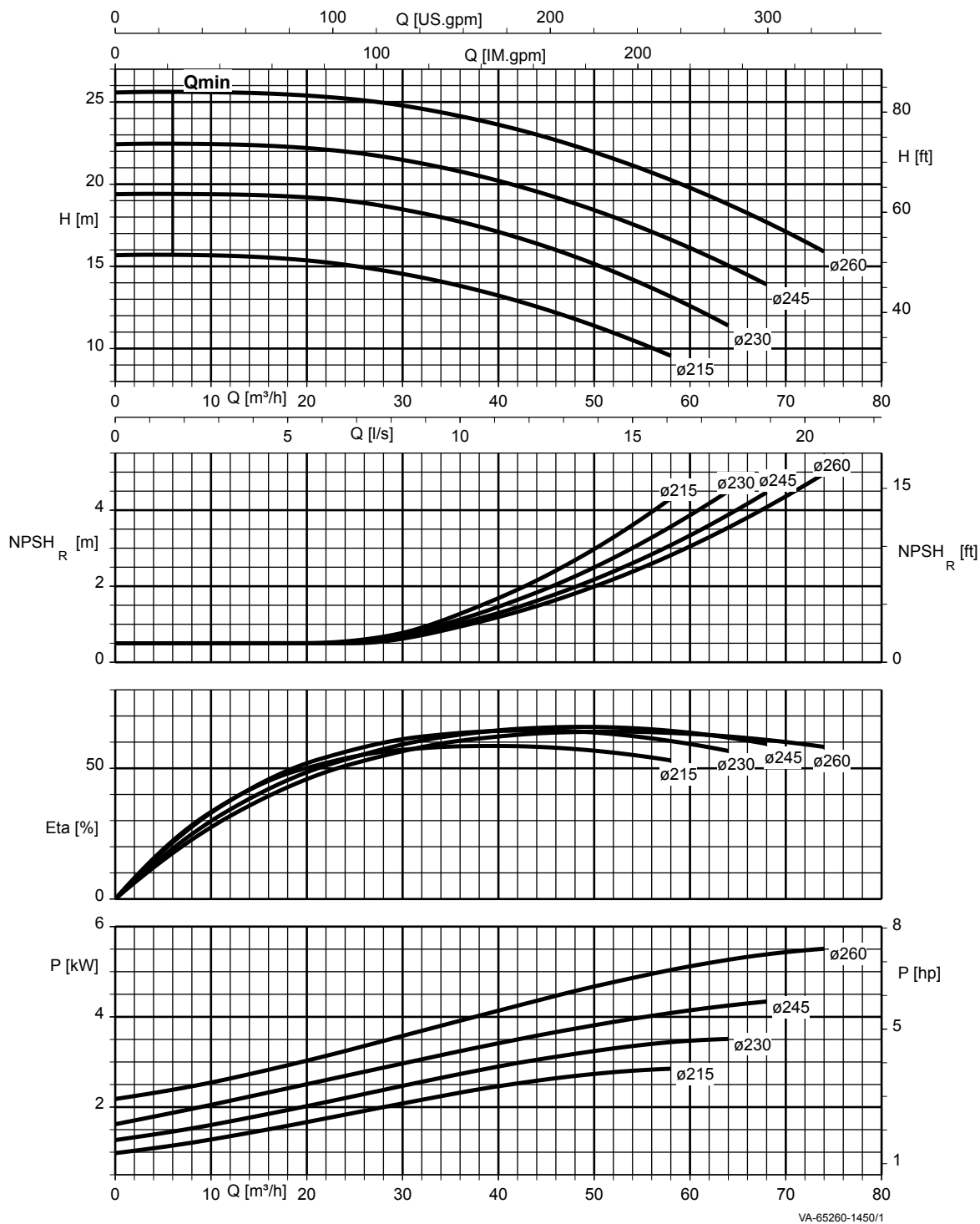
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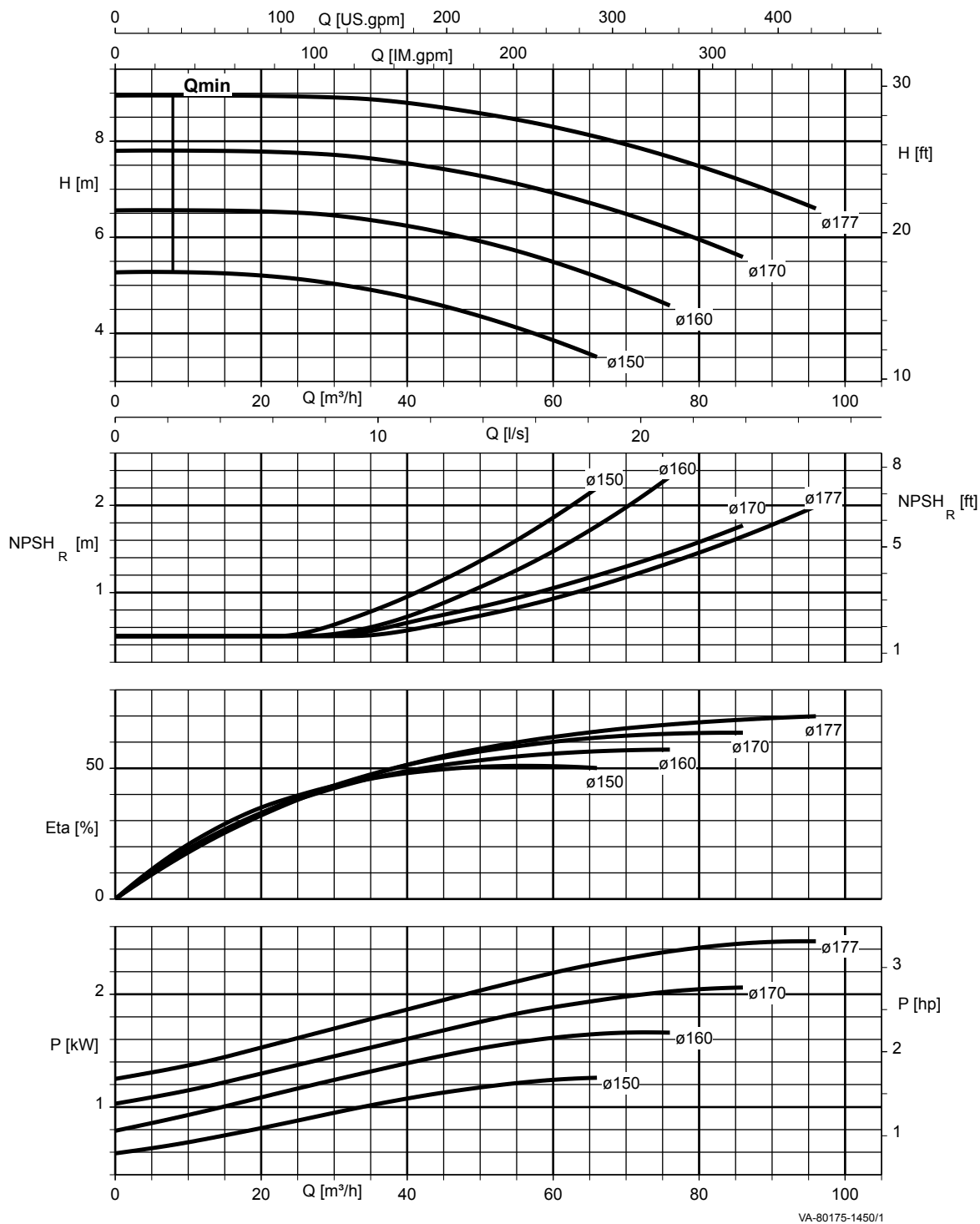
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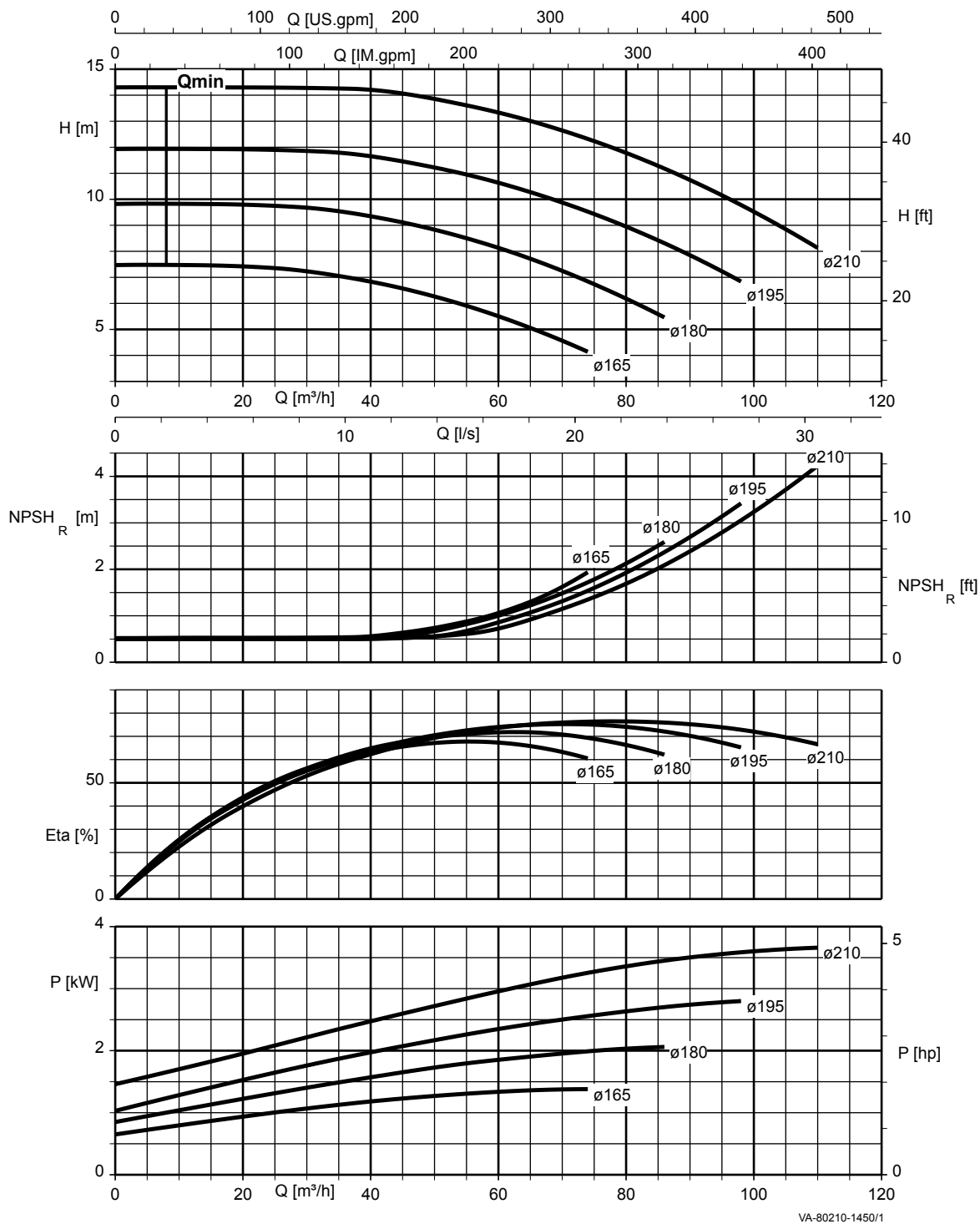
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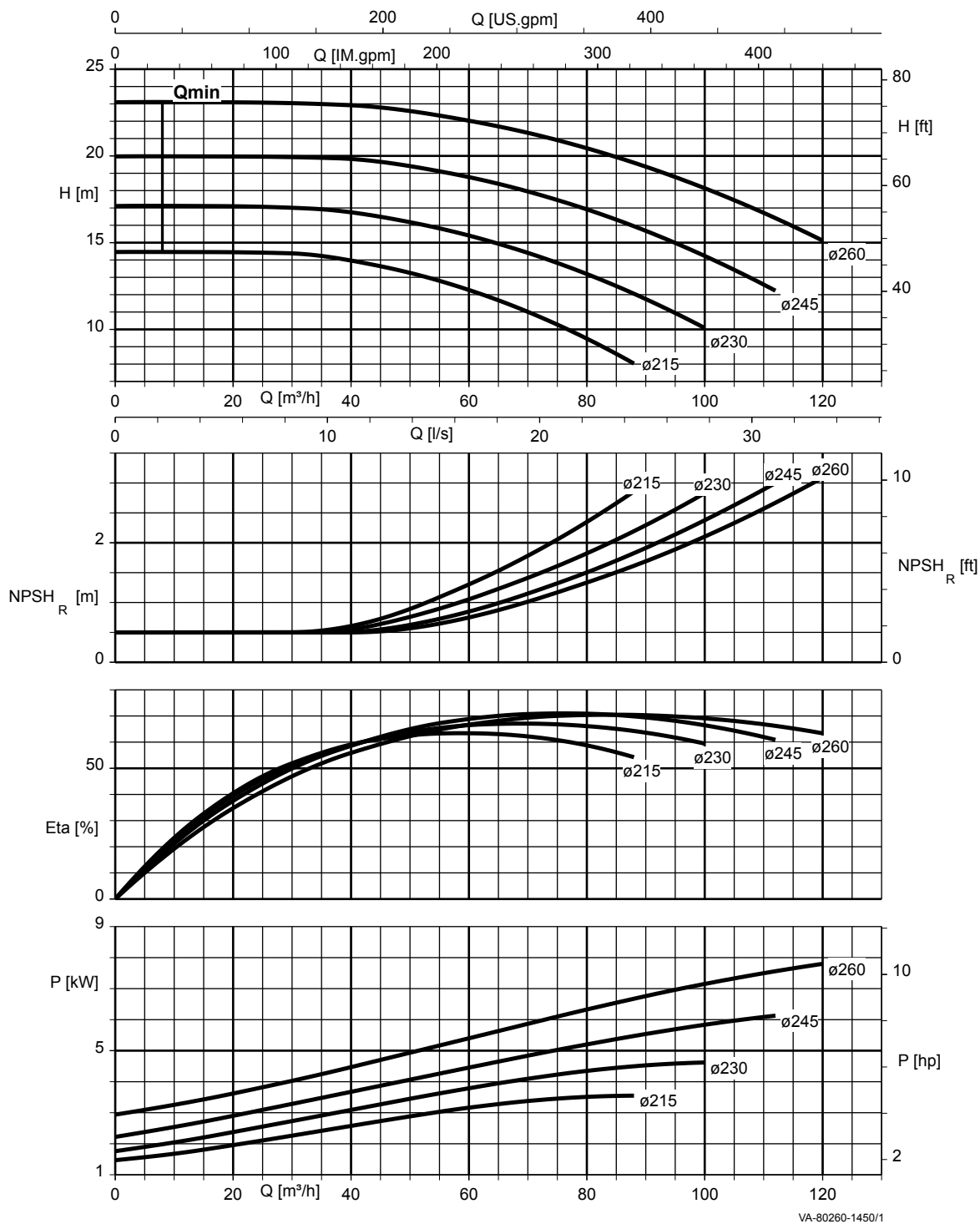
Vitacast 100-080-175, 1450 min⁻¹



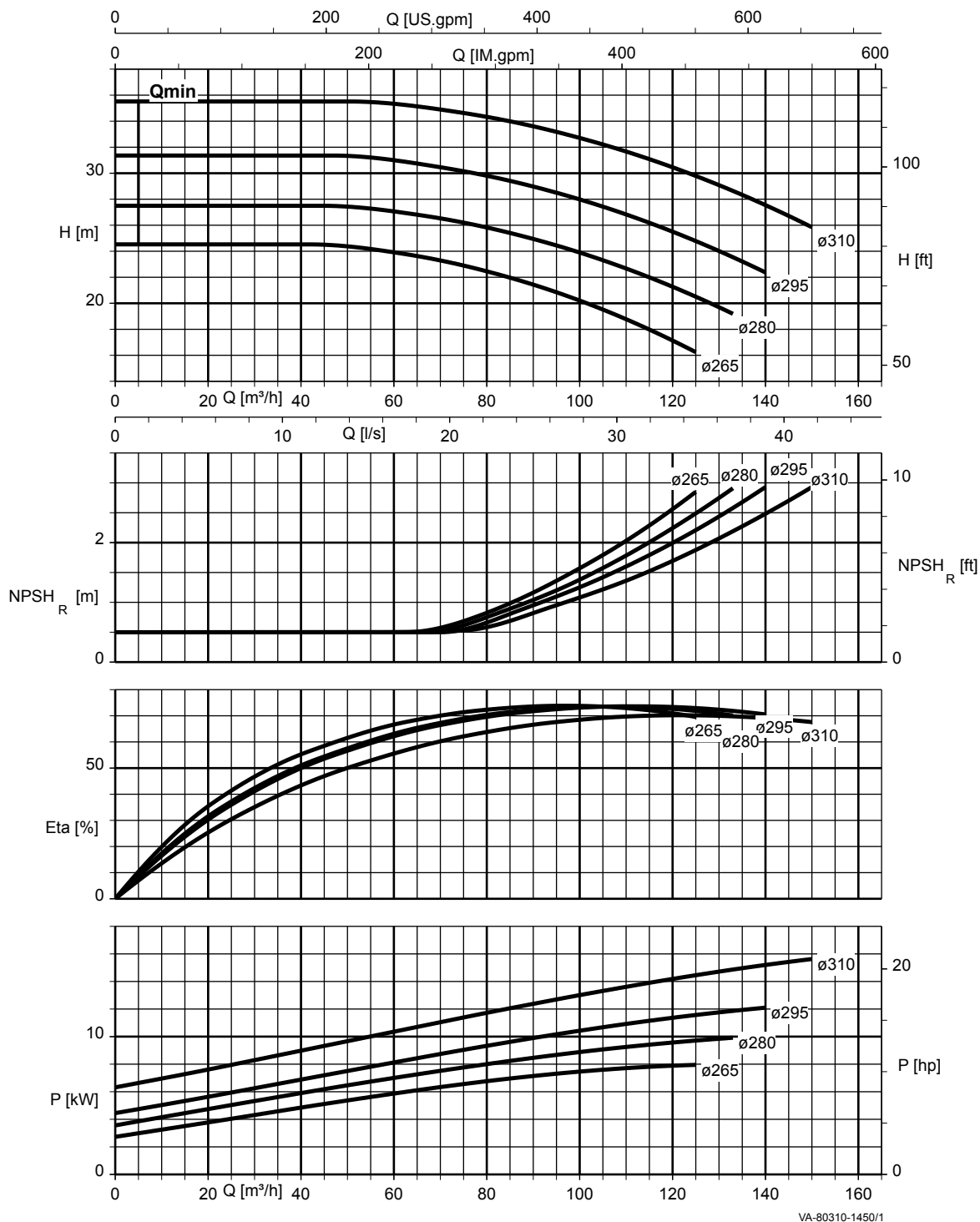
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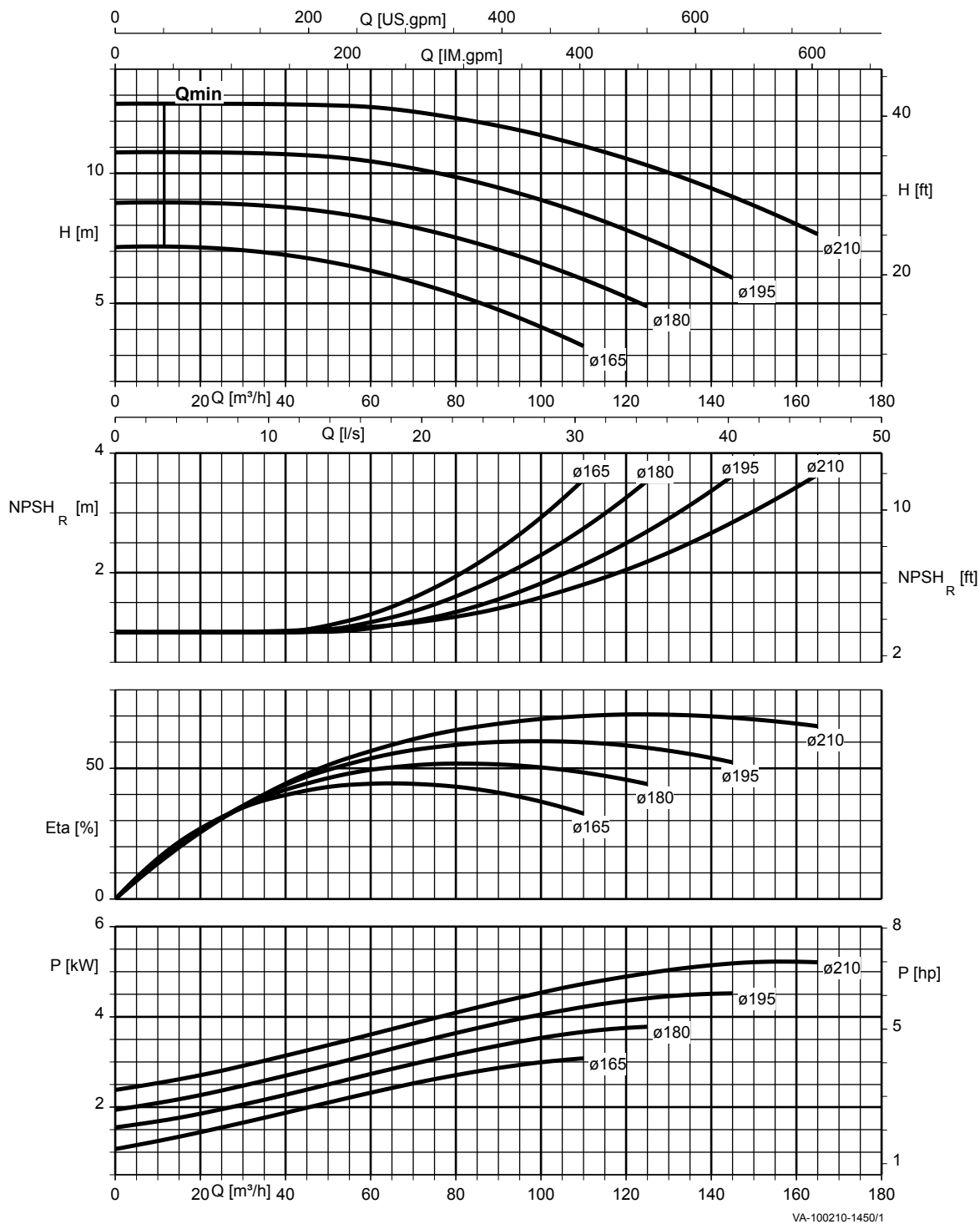
Vitacast 100-080-260, 1450 min⁻¹



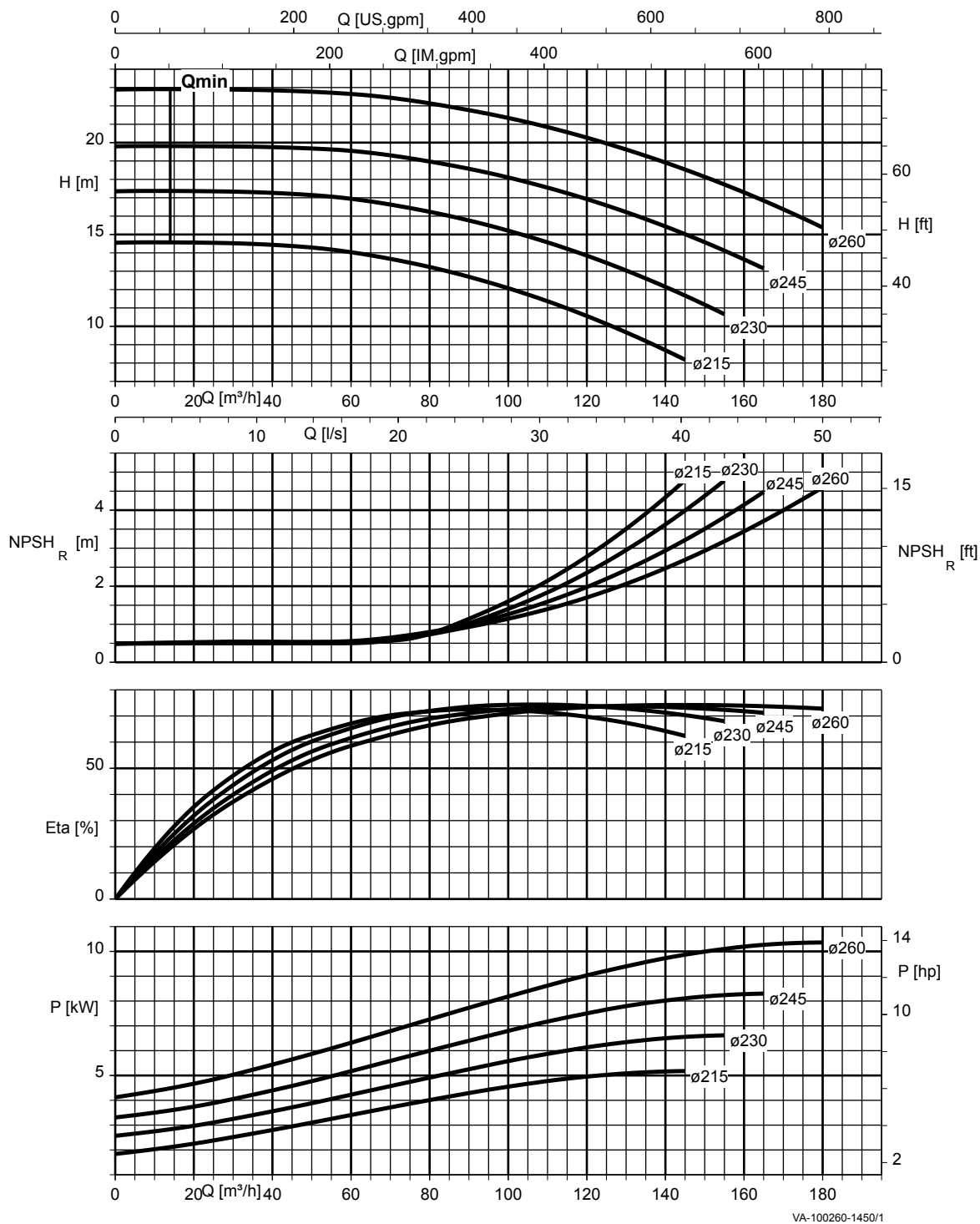
Vitacast 100-080-310, 1450 min⁻¹



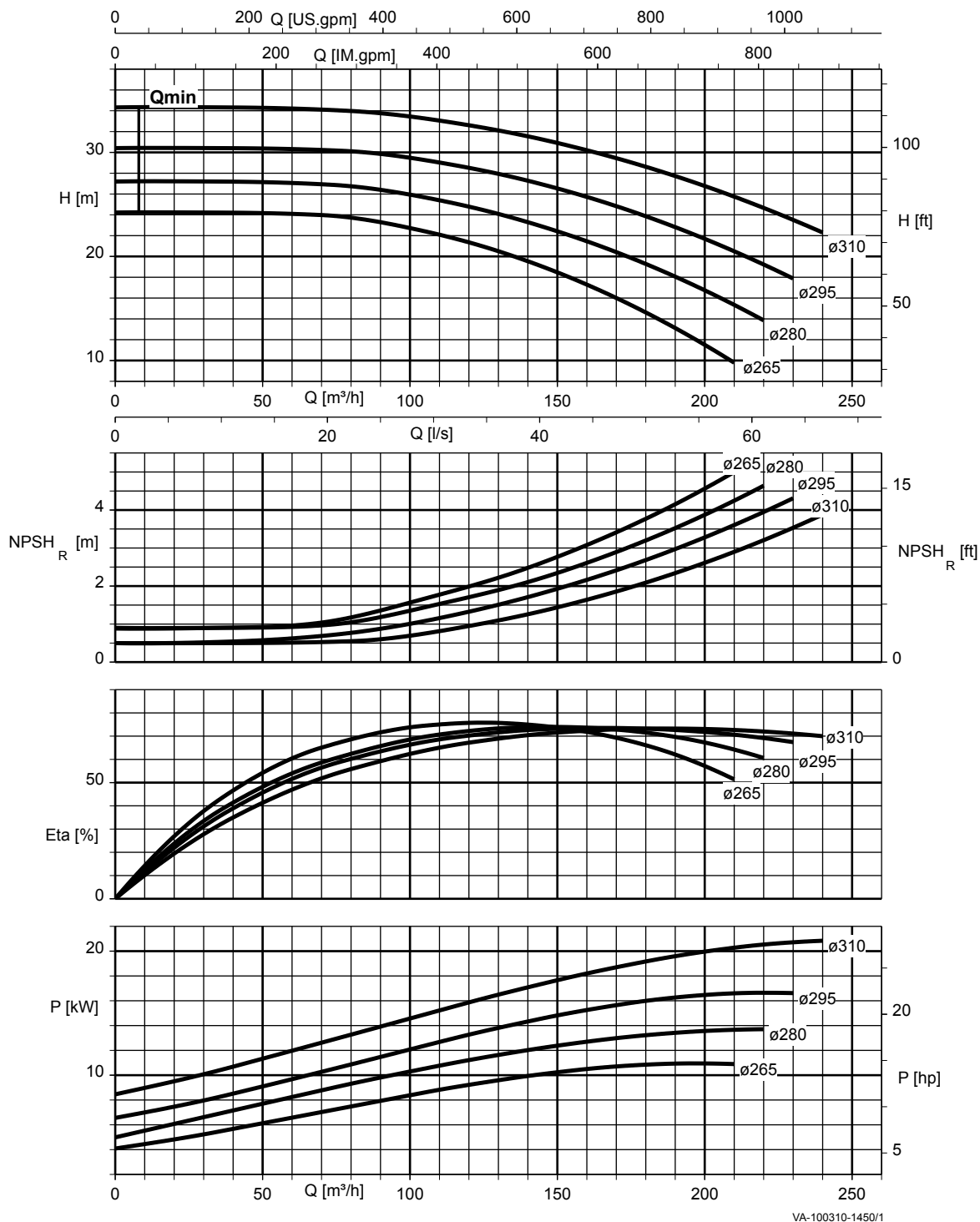
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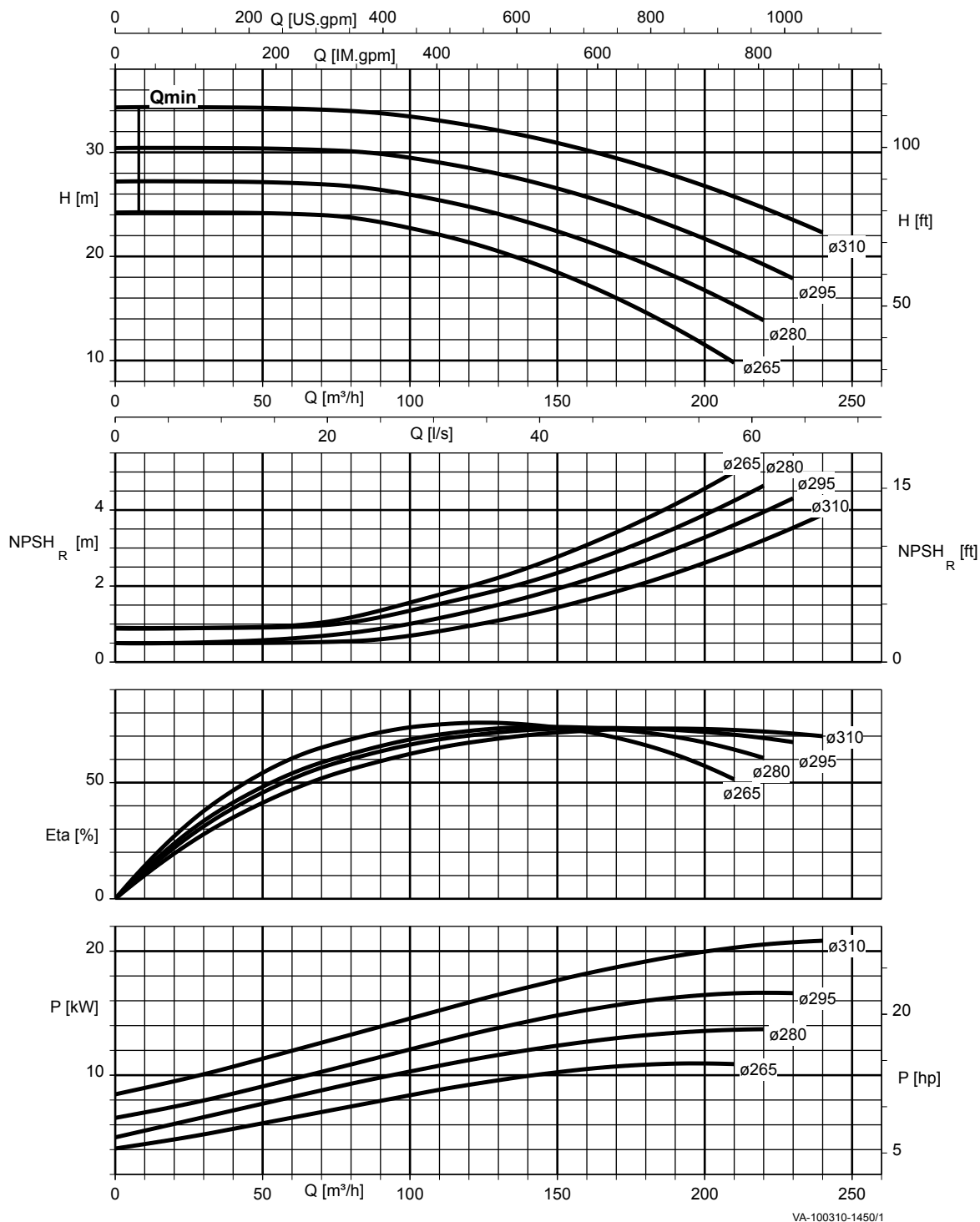
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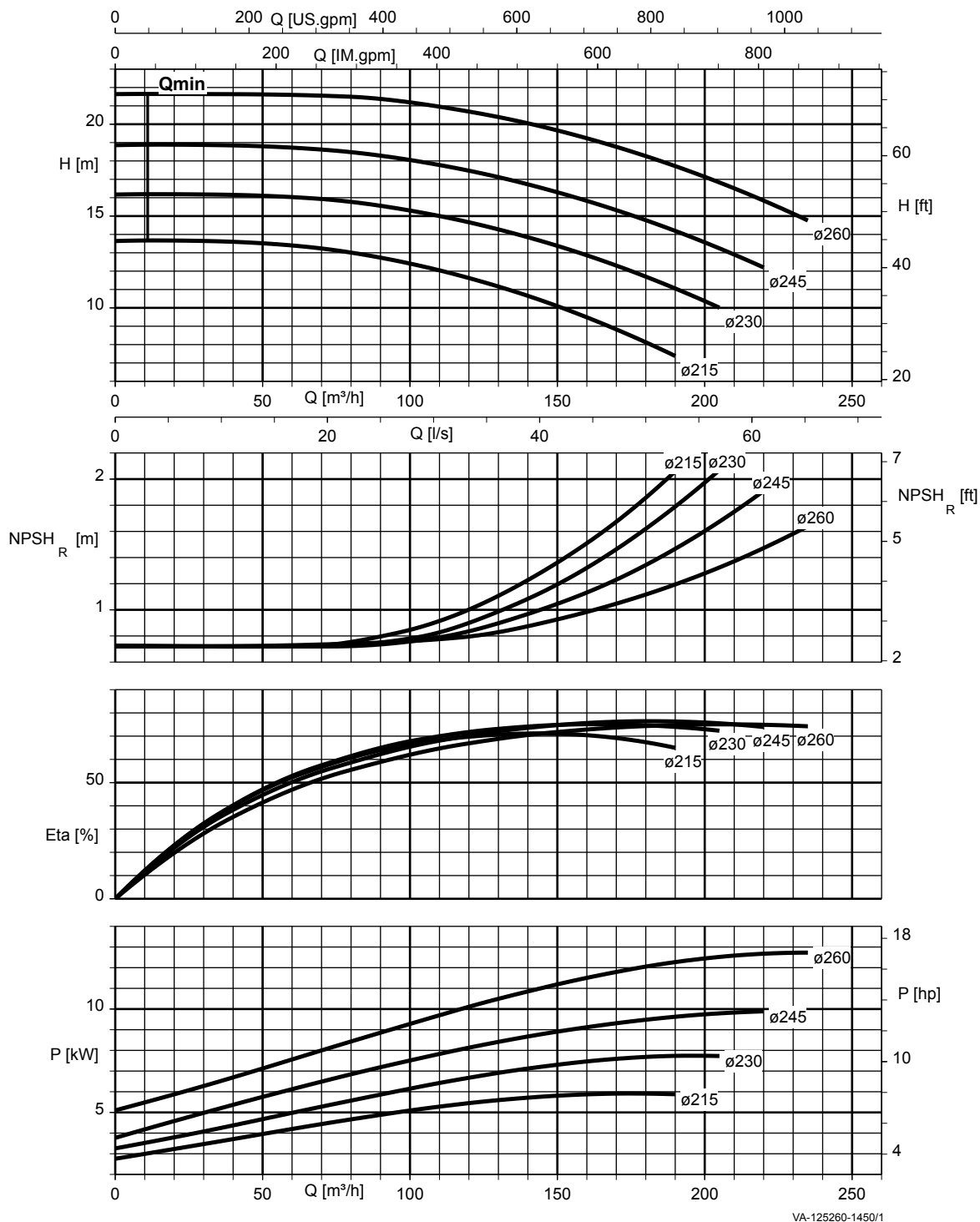
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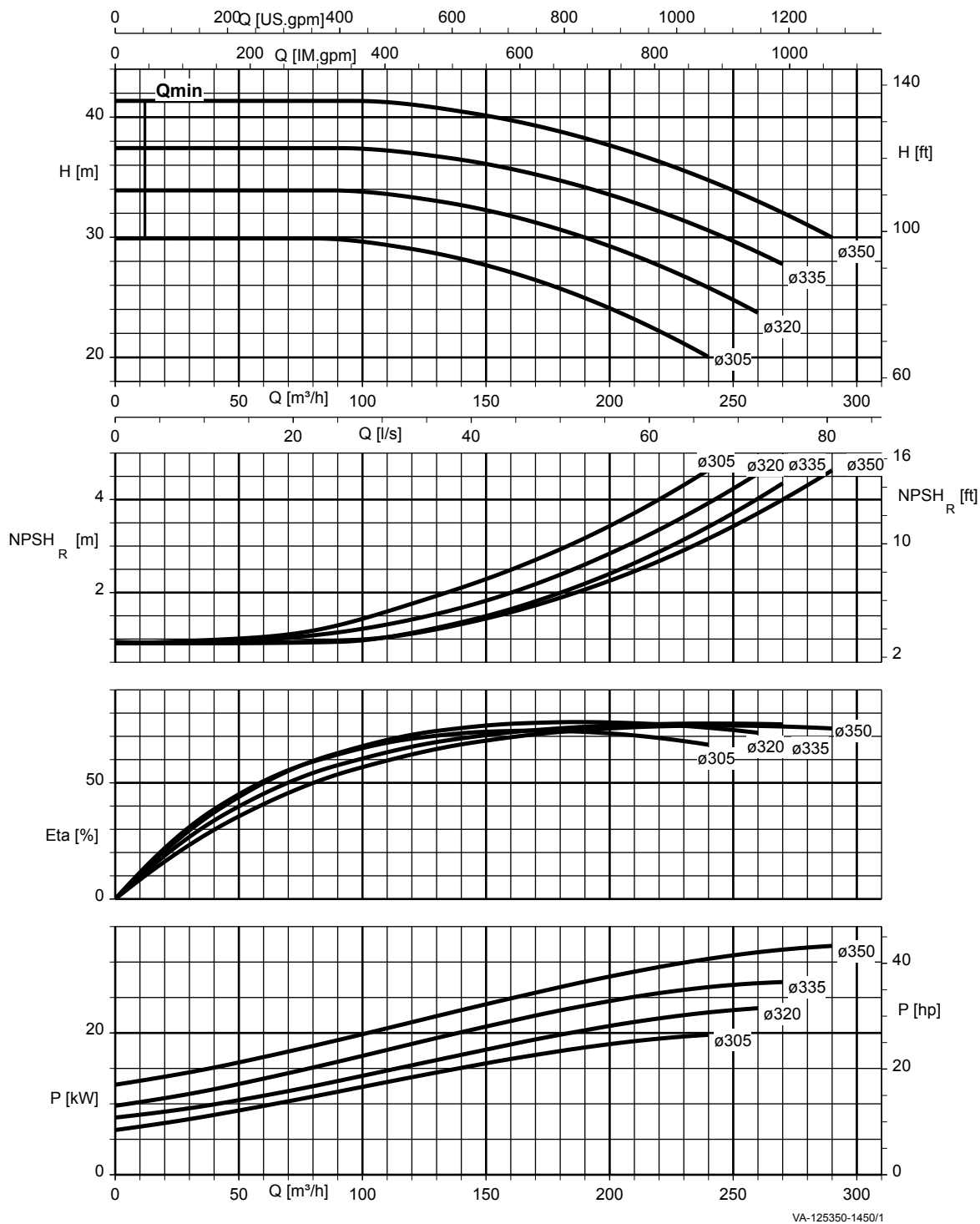
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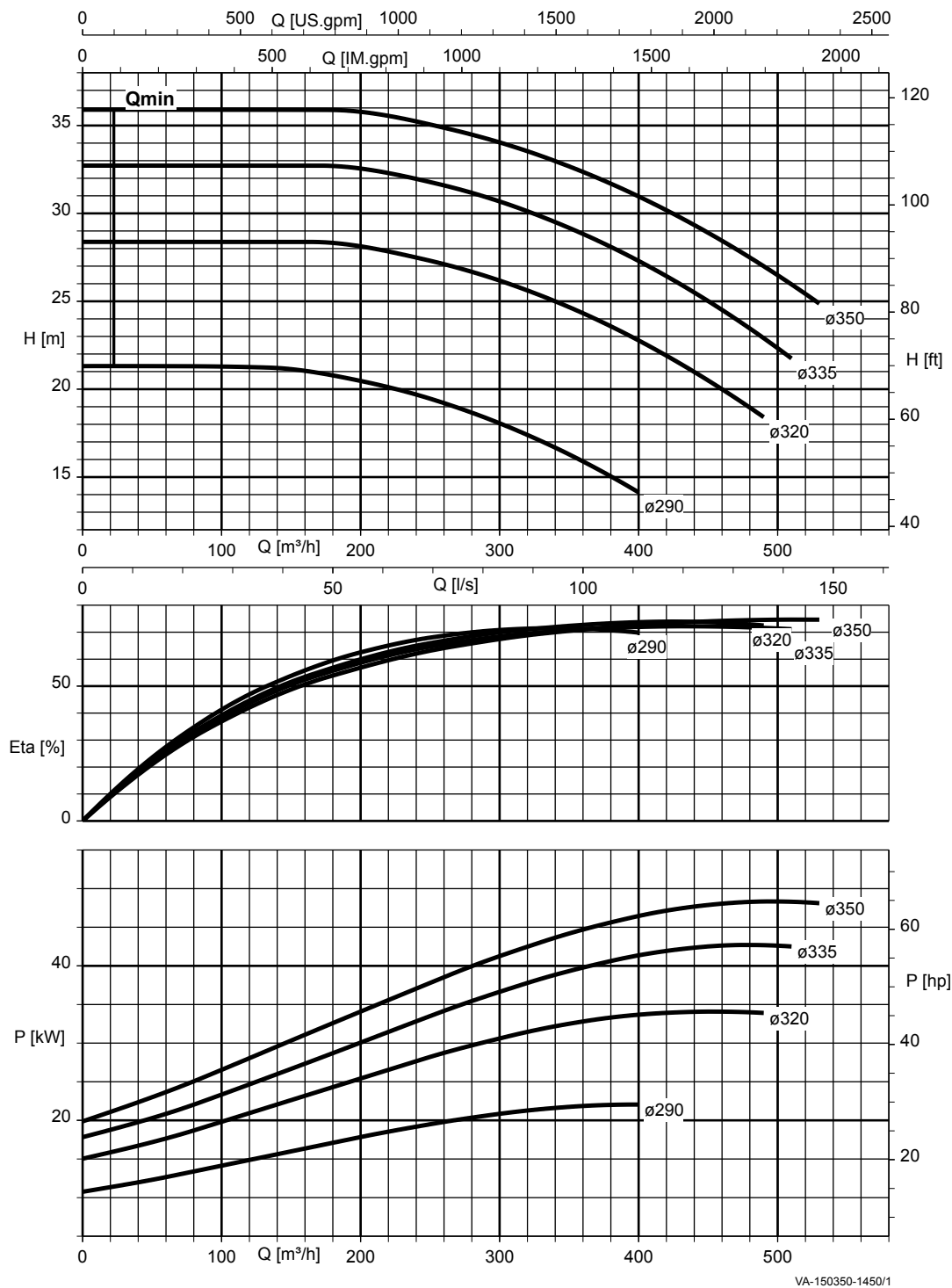
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Vitacast 150-125-350, 1450 min⁻¹

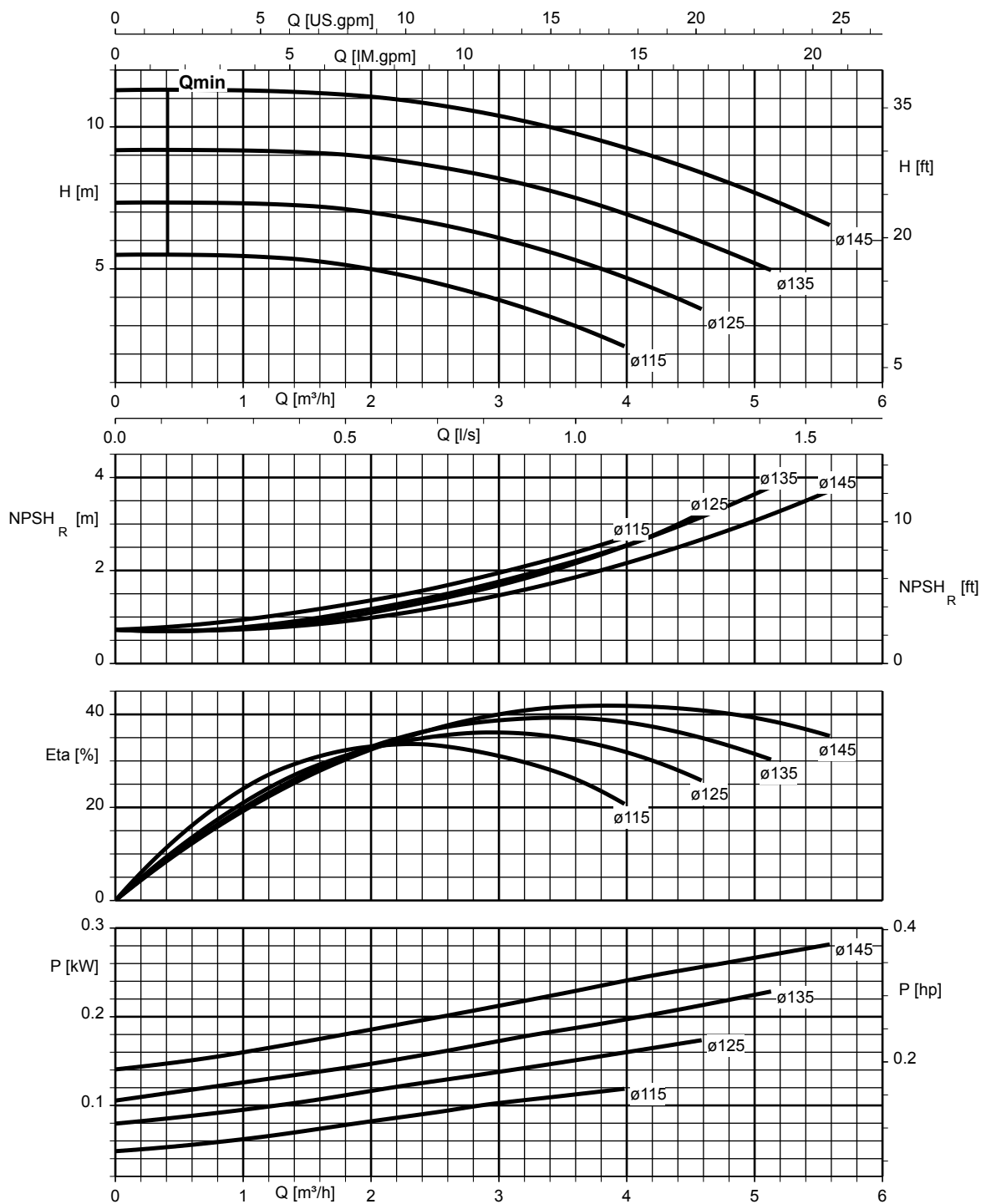


Vitacast 200-150-350, 1450 min⁻¹



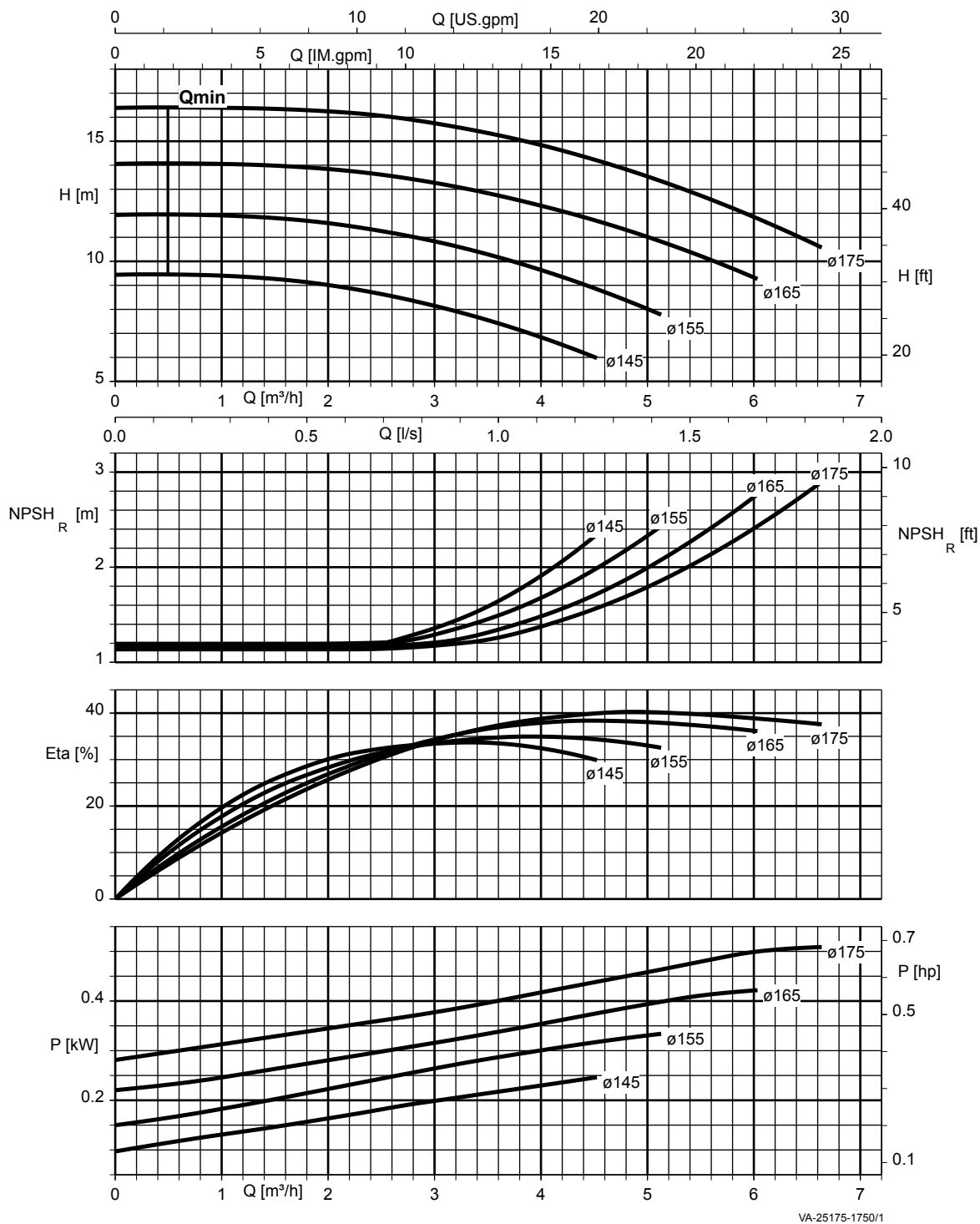
$n = 1750 \text{ min}^{-1}$

Vitacast 032-025-145, 1750 min^{-1}

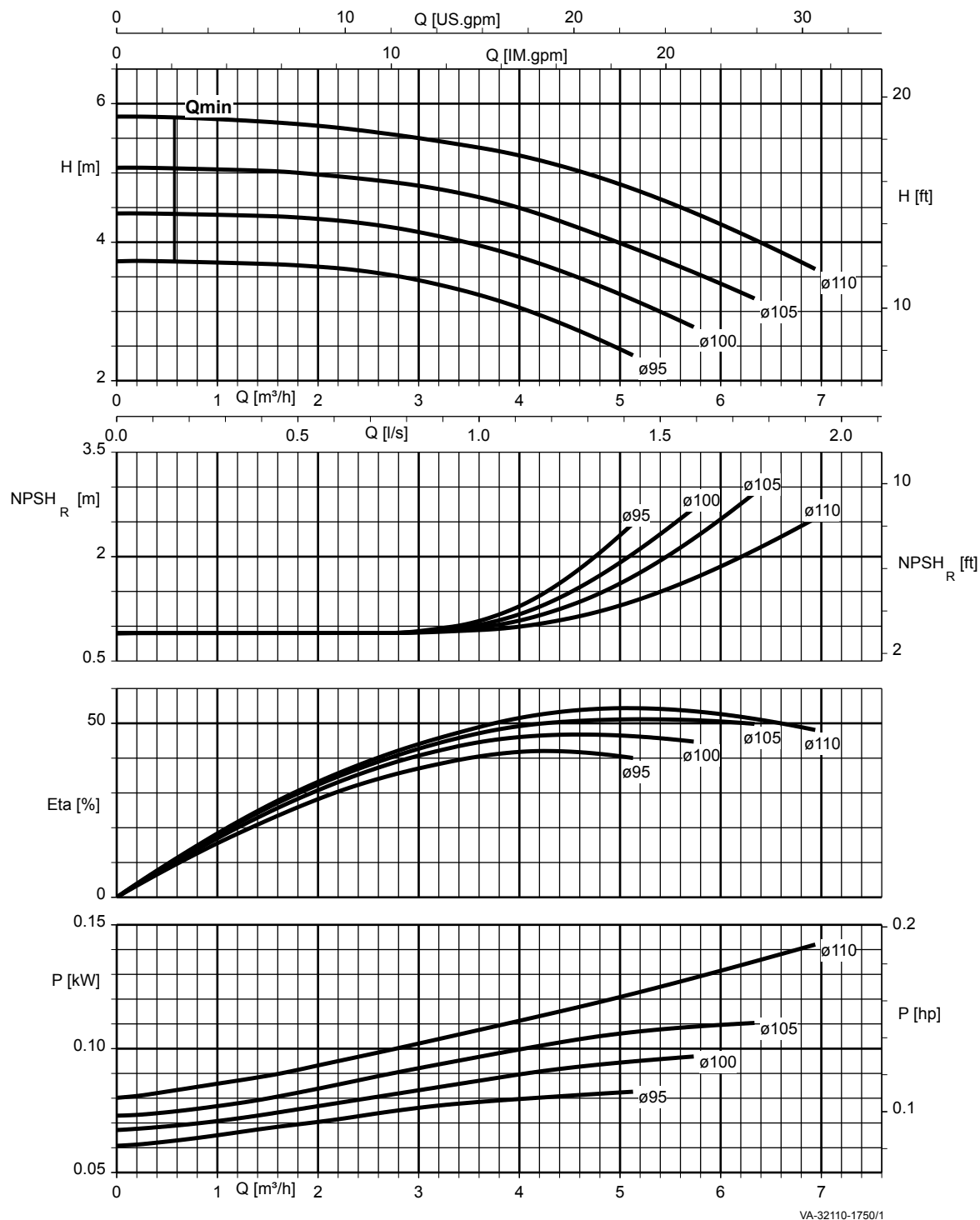


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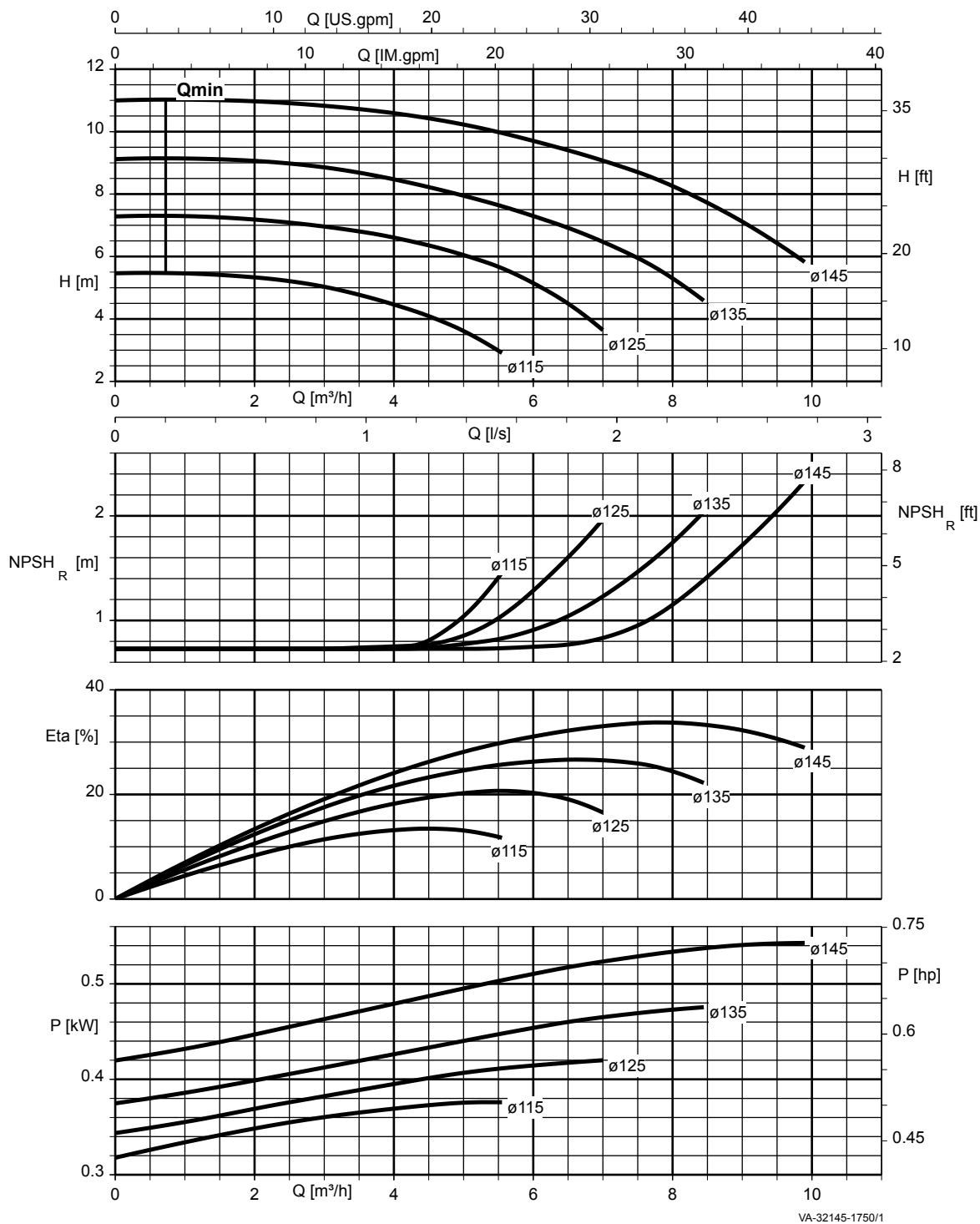
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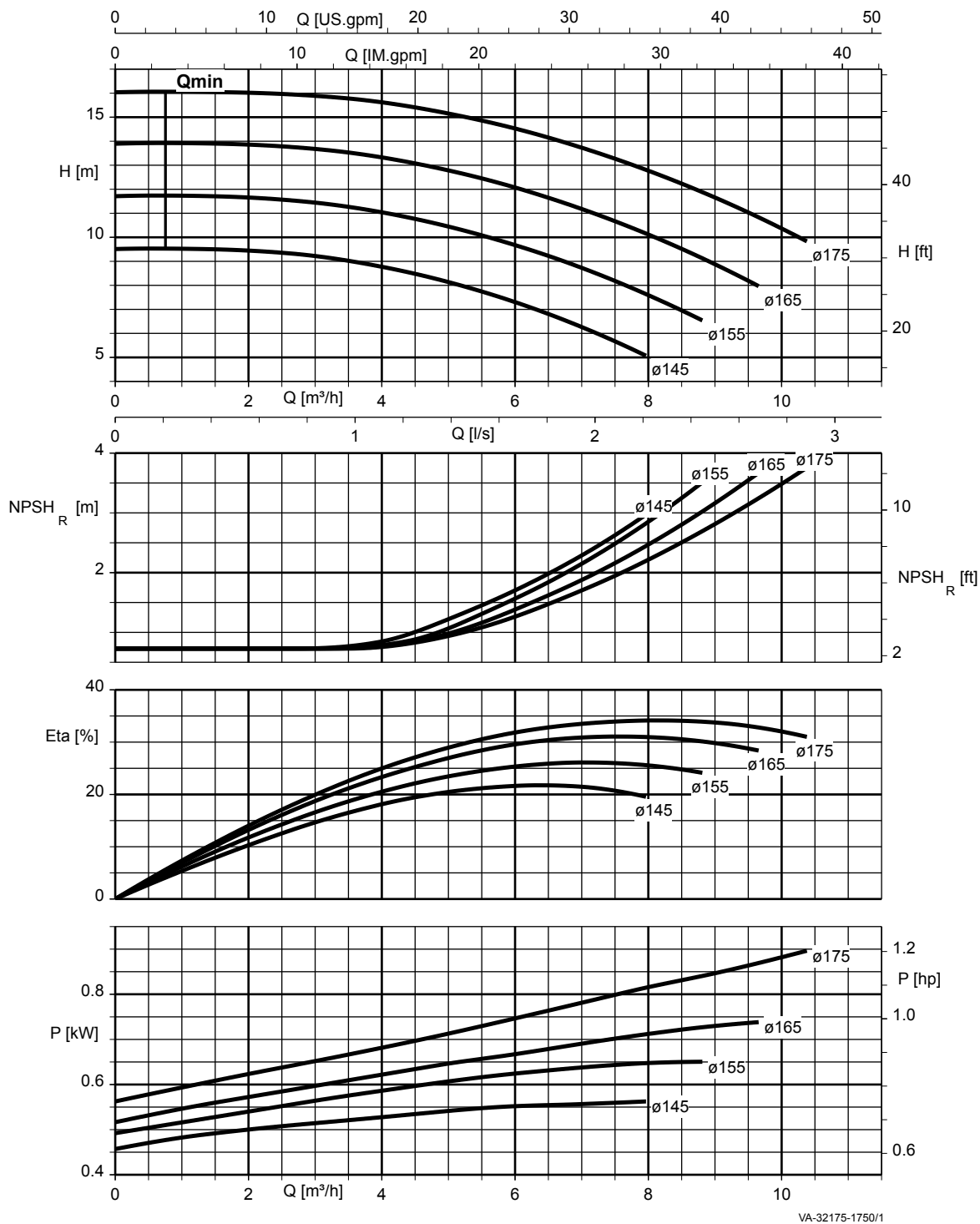
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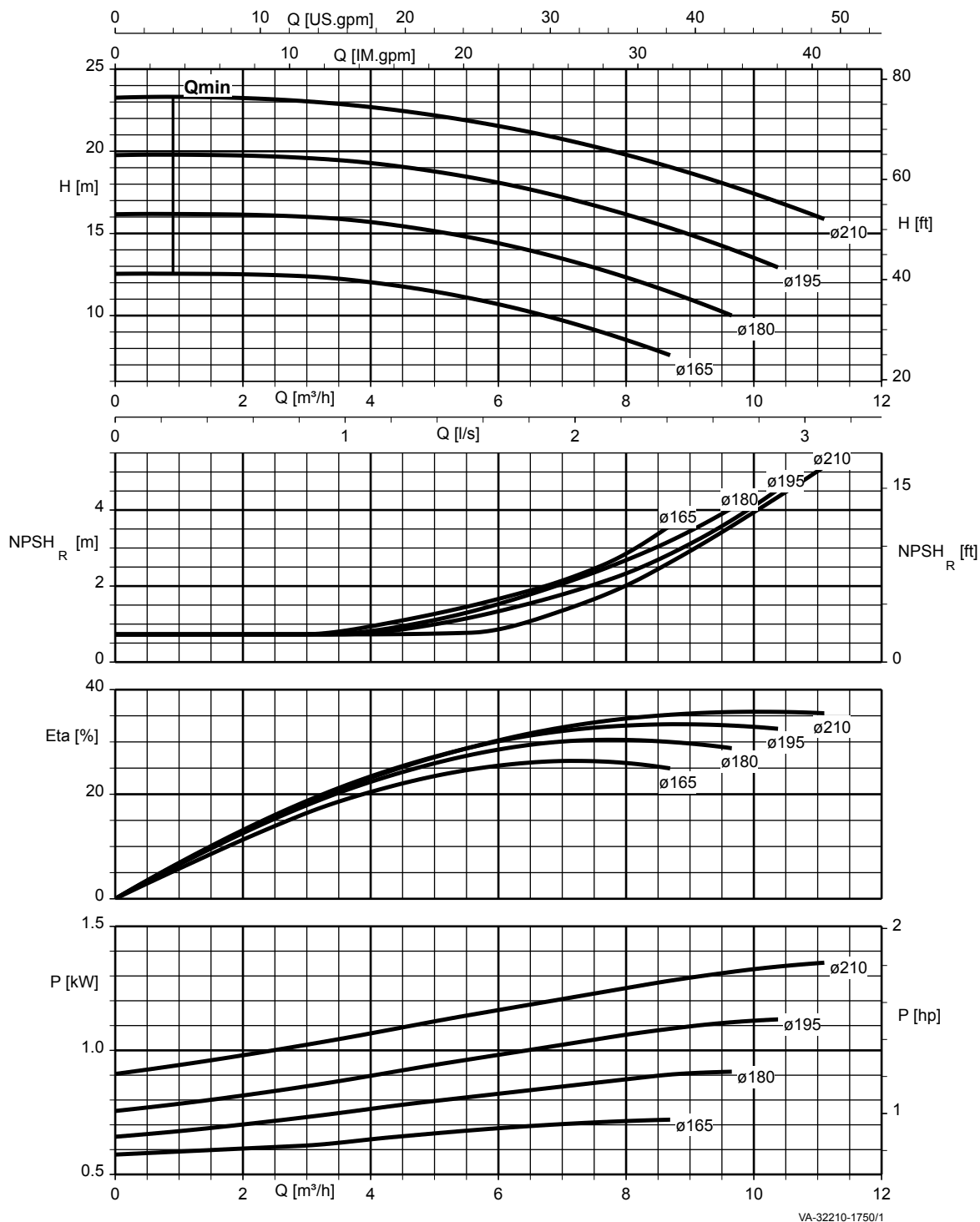
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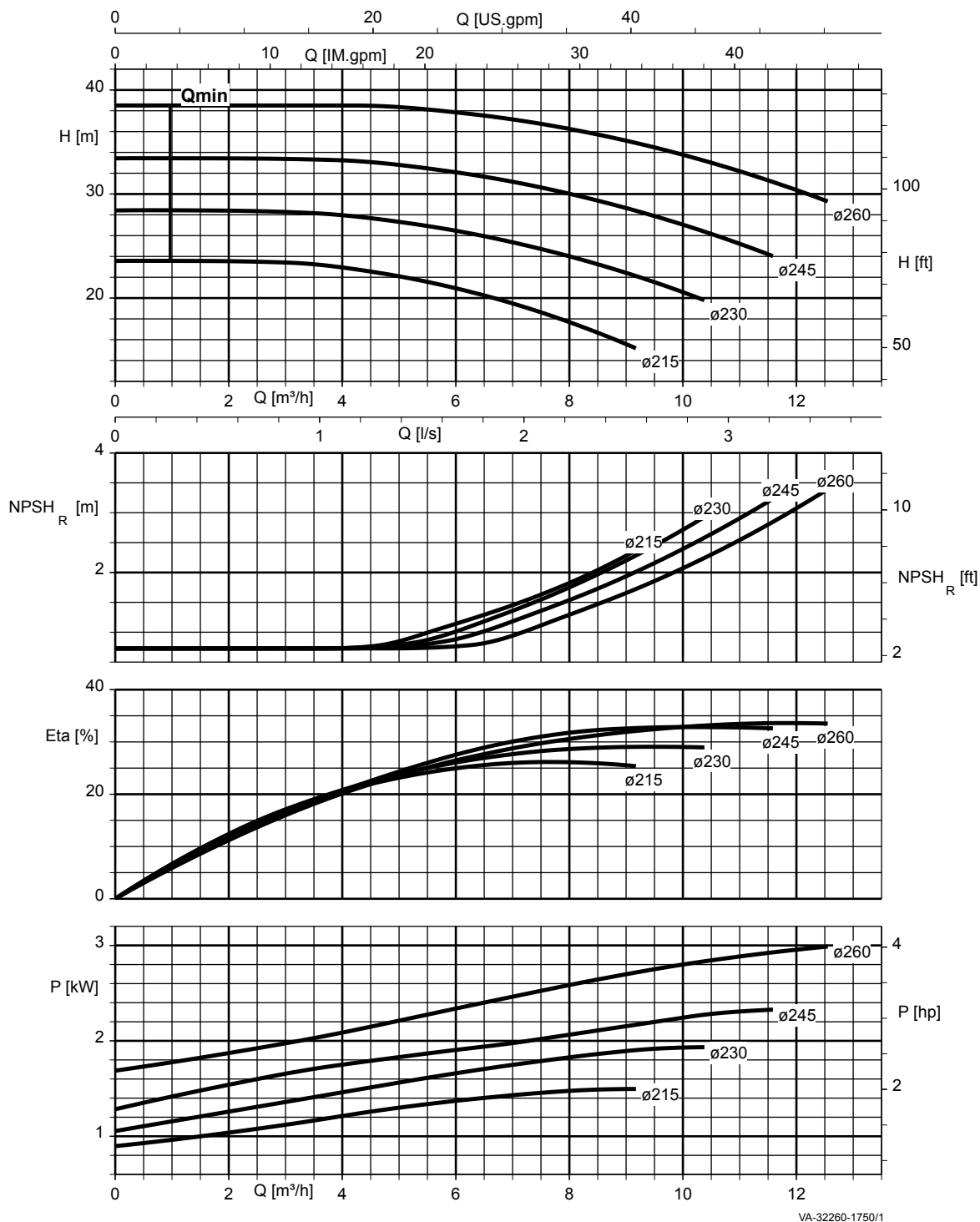
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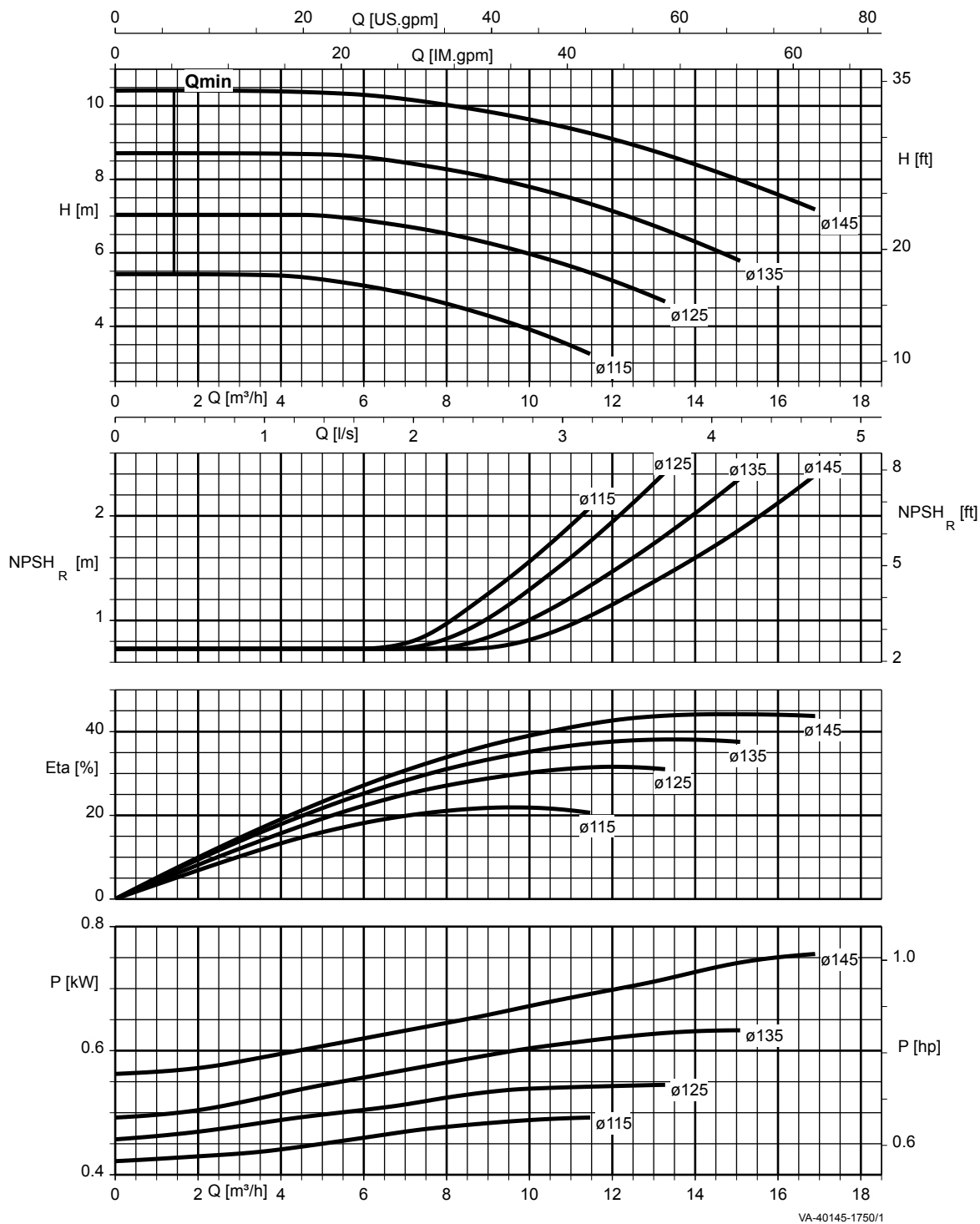
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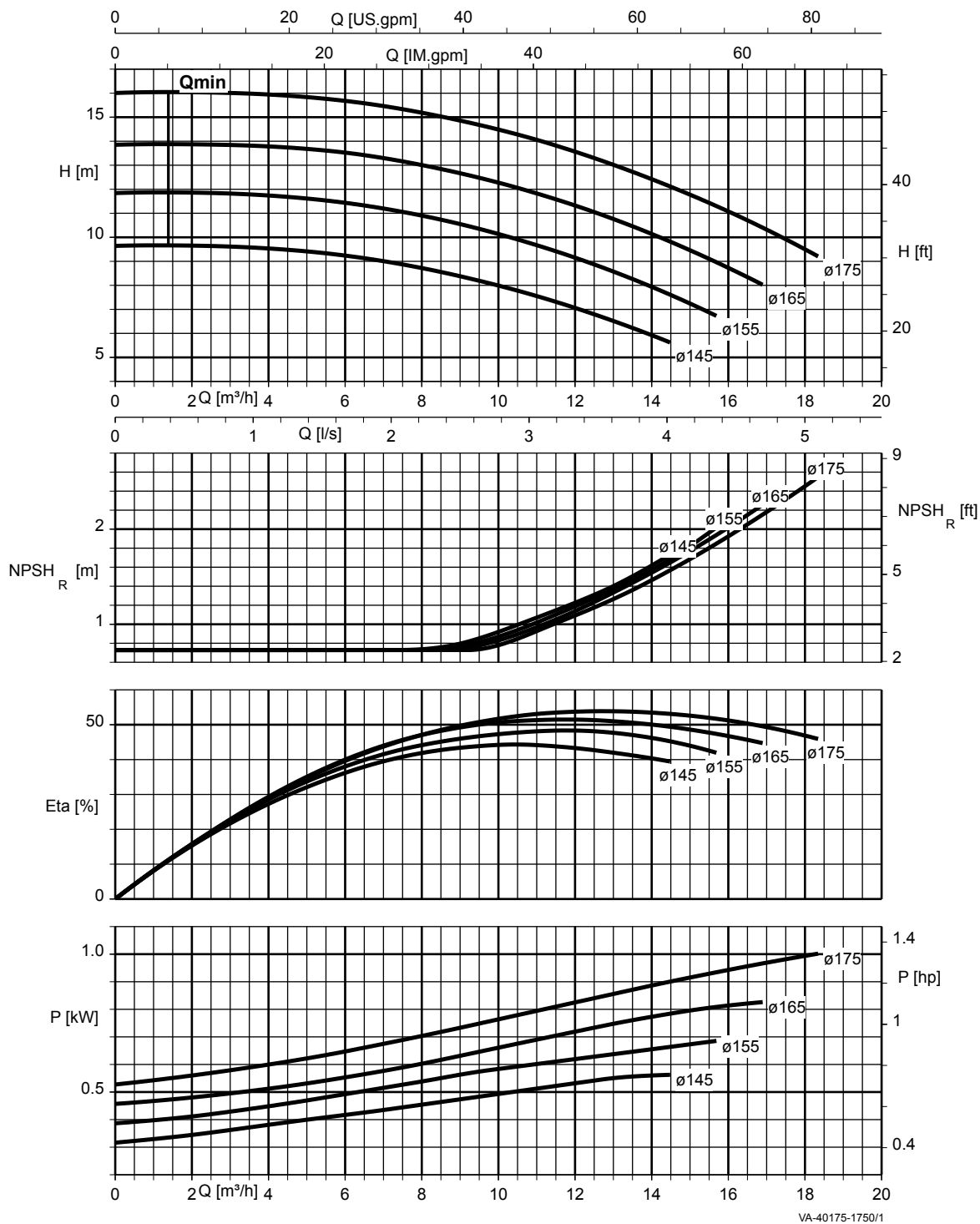
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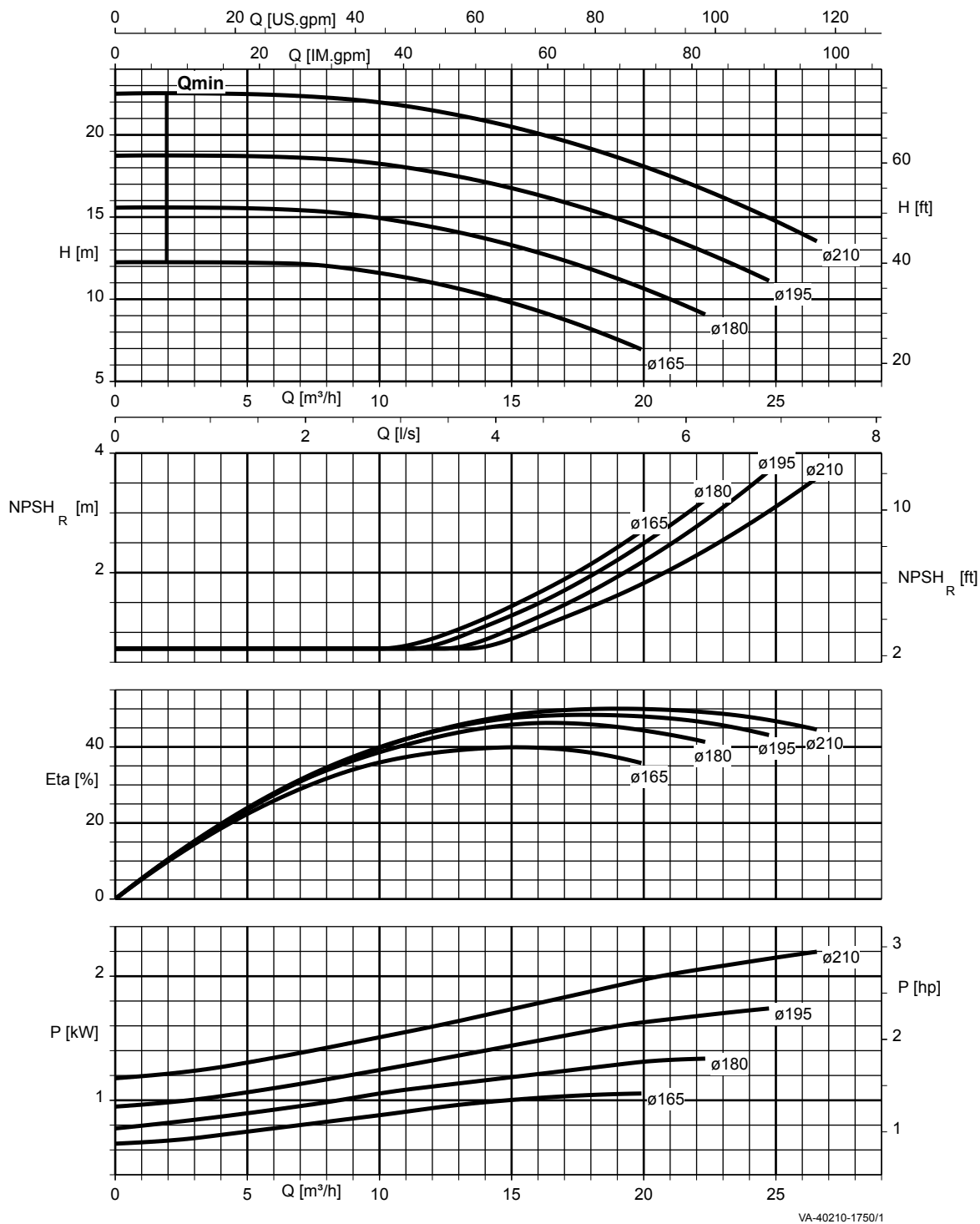
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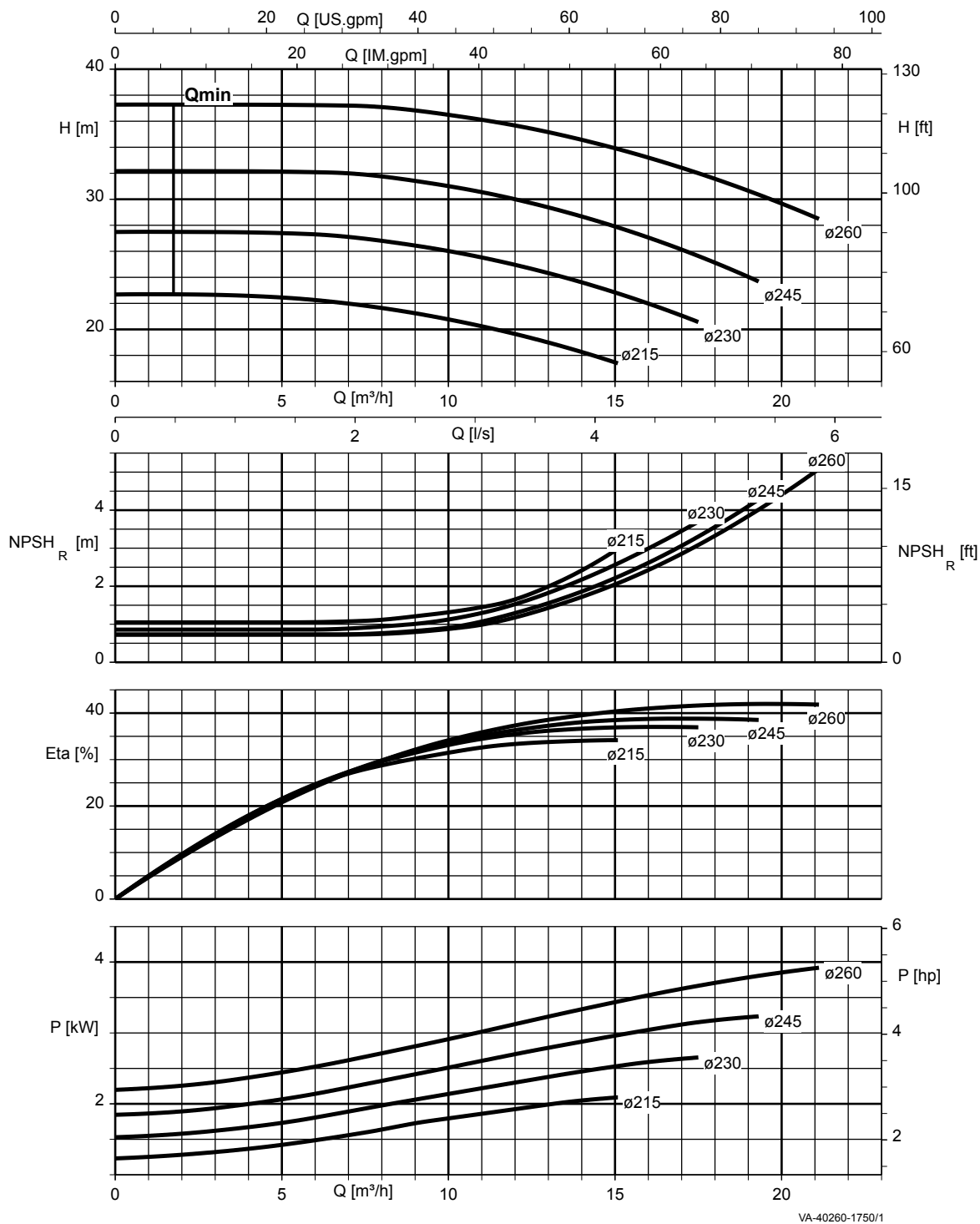
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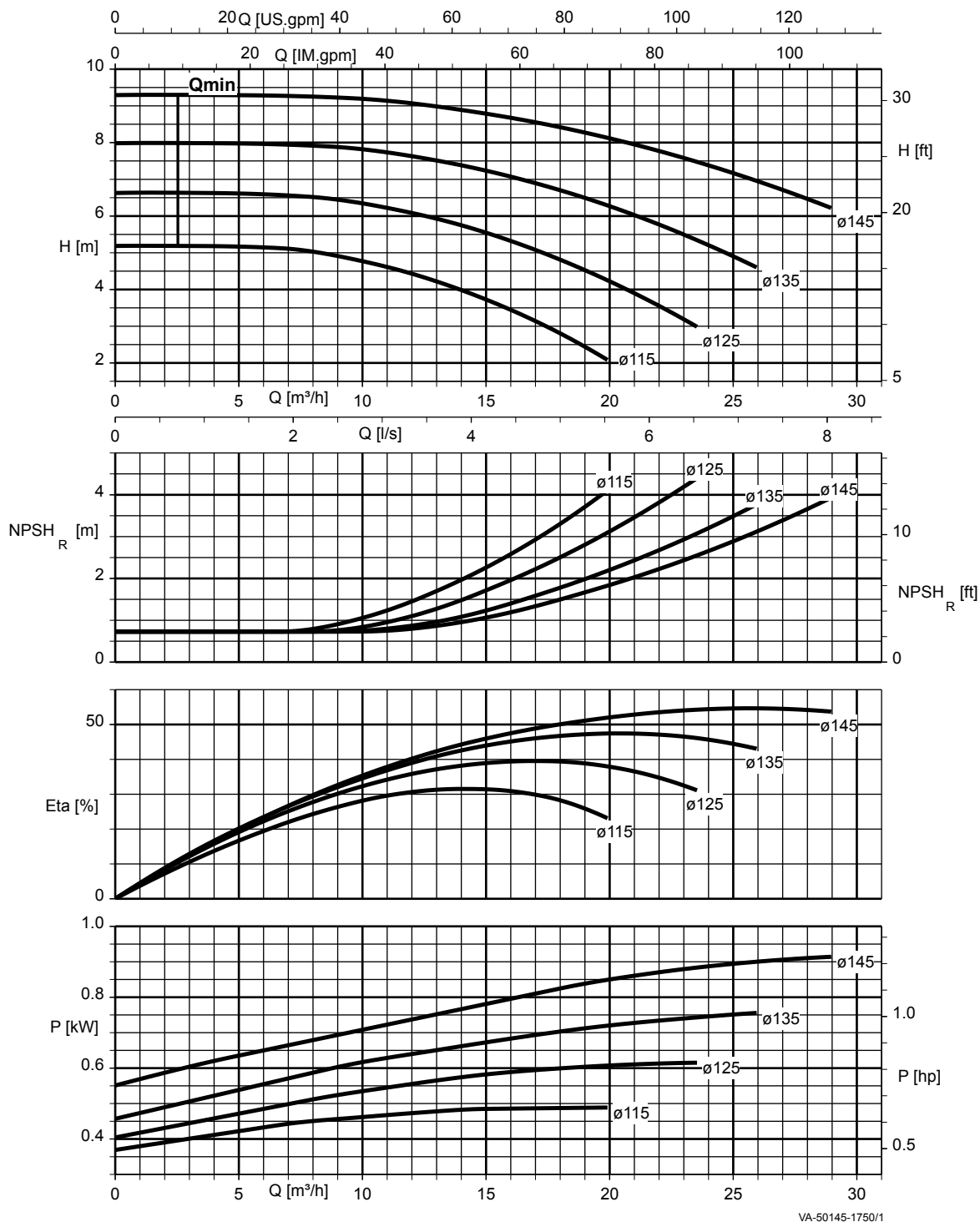
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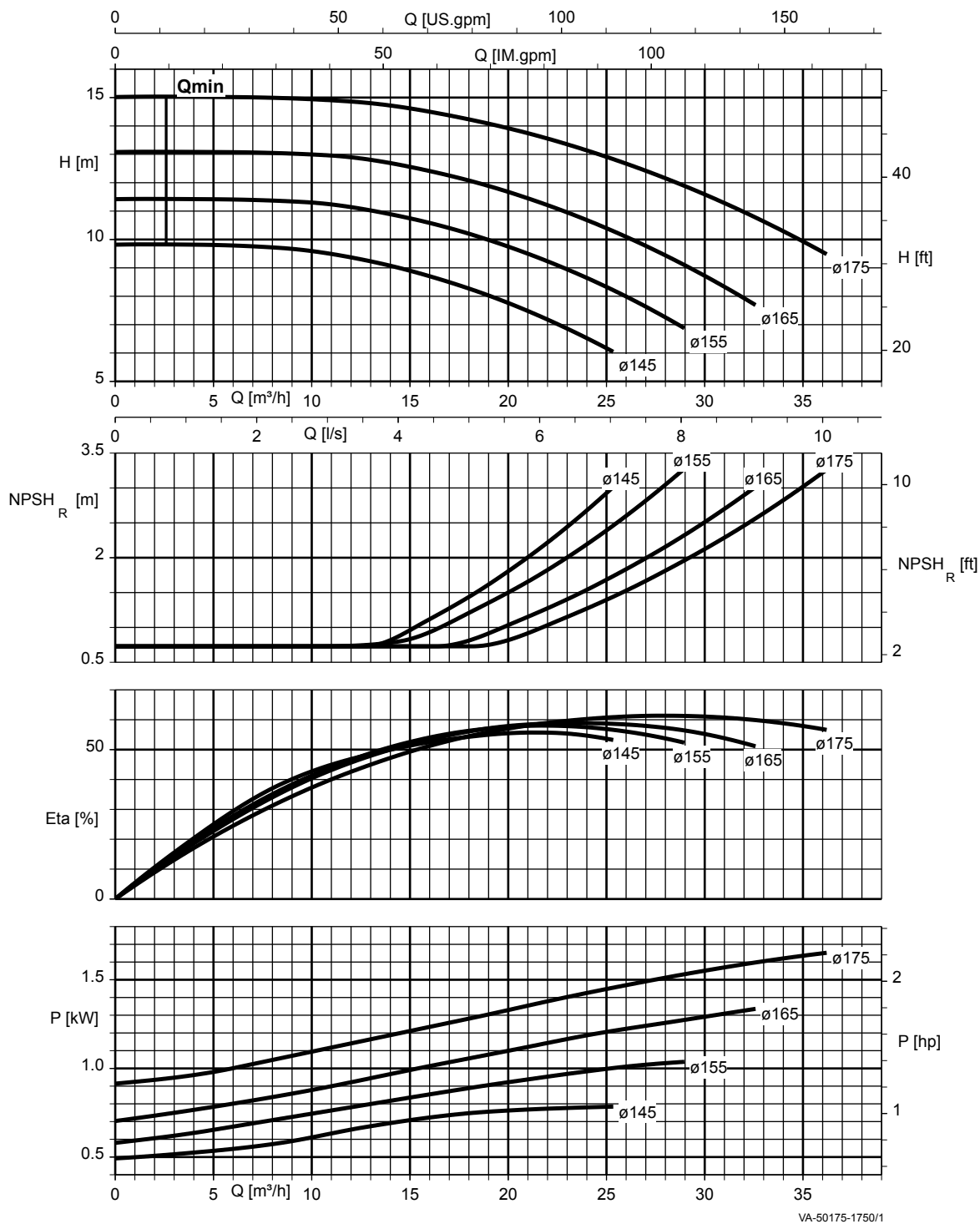
Vitacast 050-040-260, 1750 min⁻¹



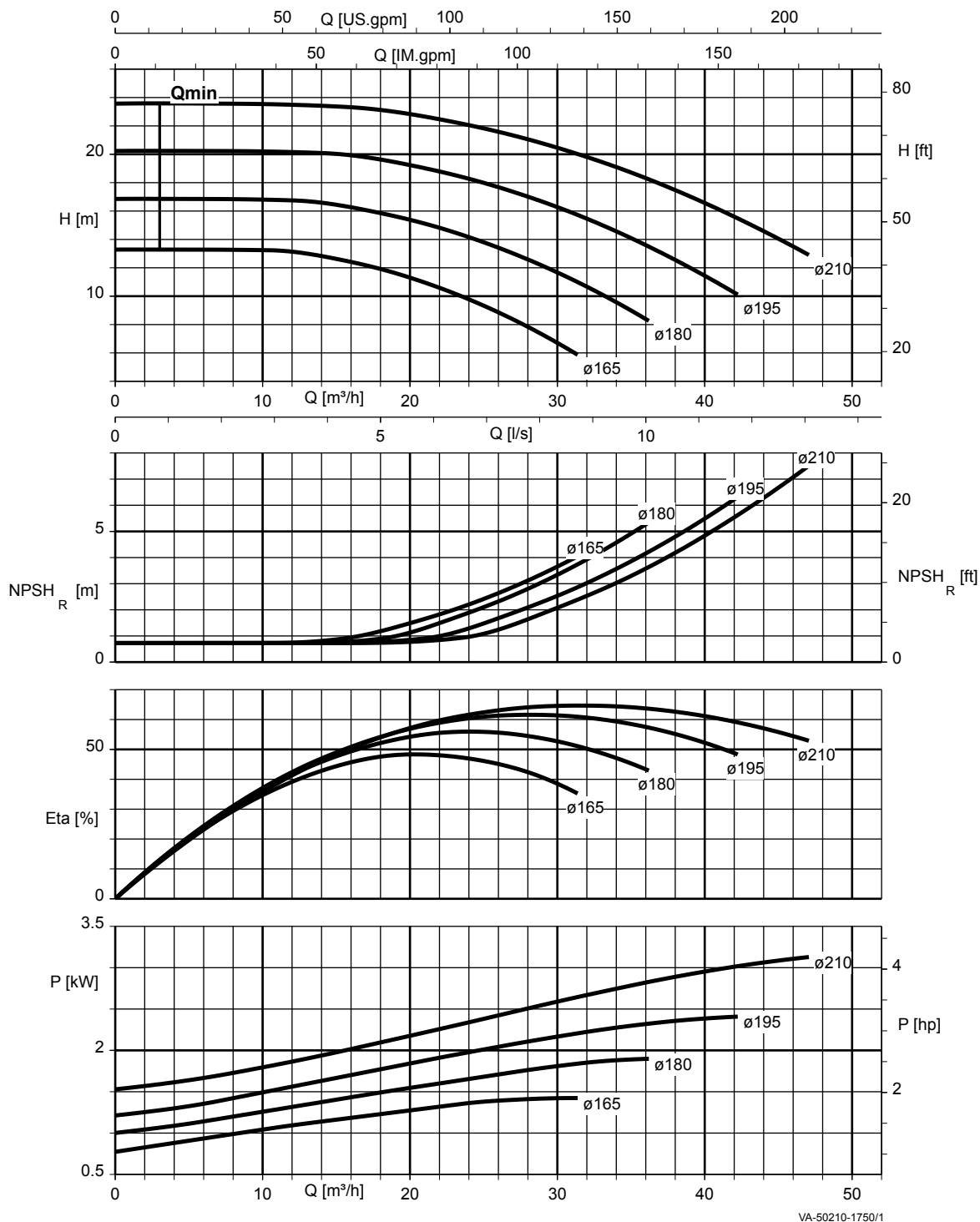
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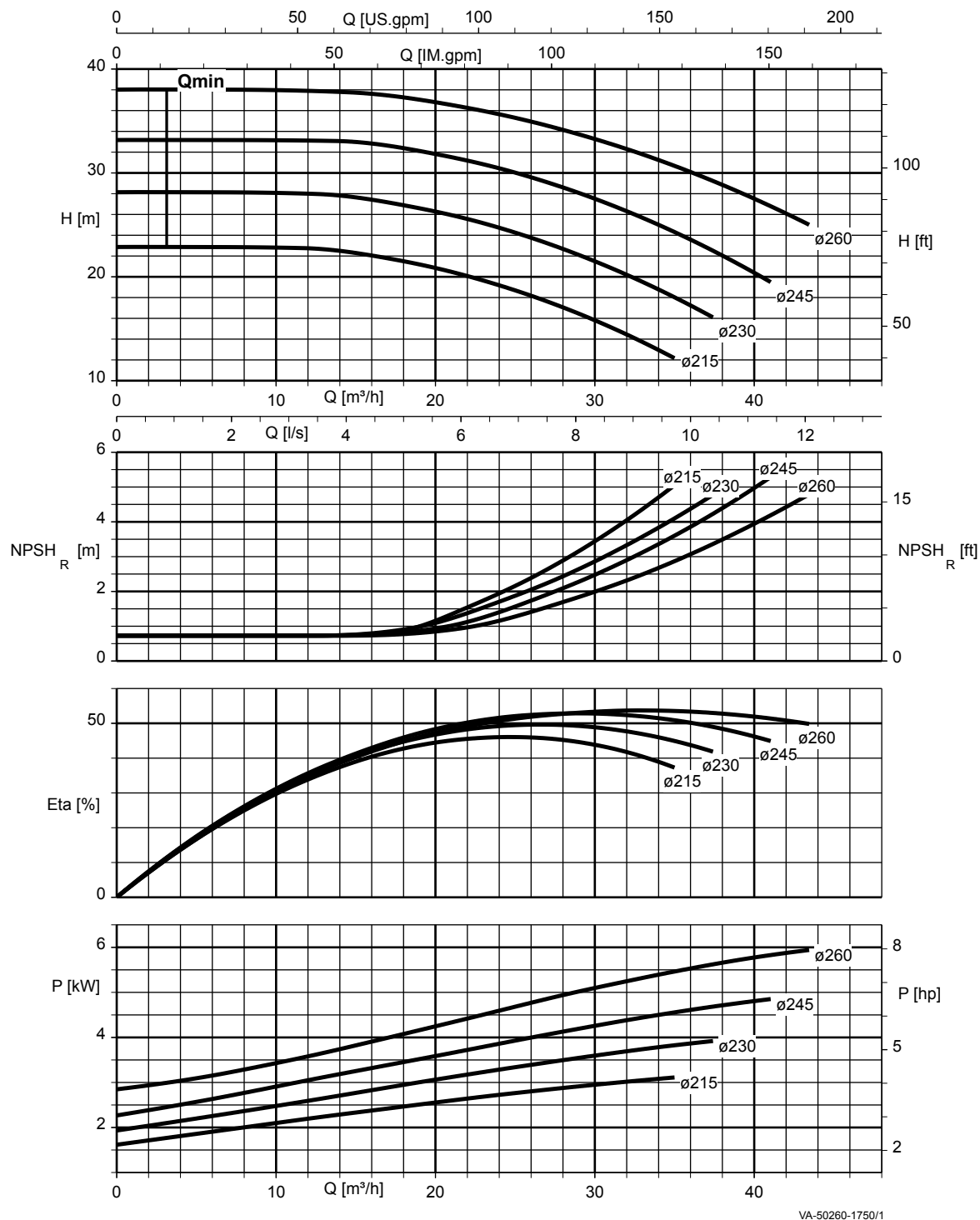
Vitacast 065-050-175, 1750 min⁻¹



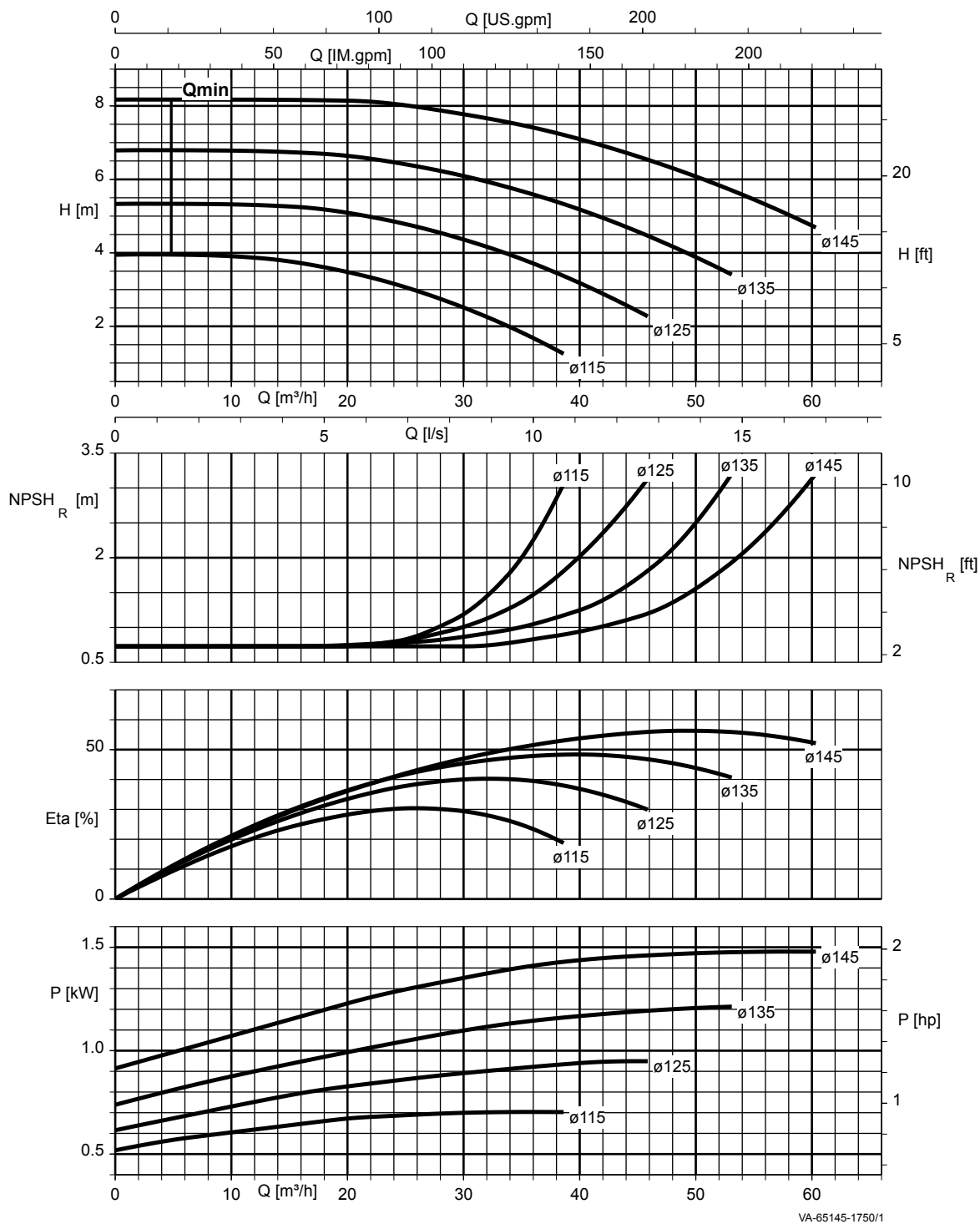
Vitacast 065-050-210, 1750 min⁻¹



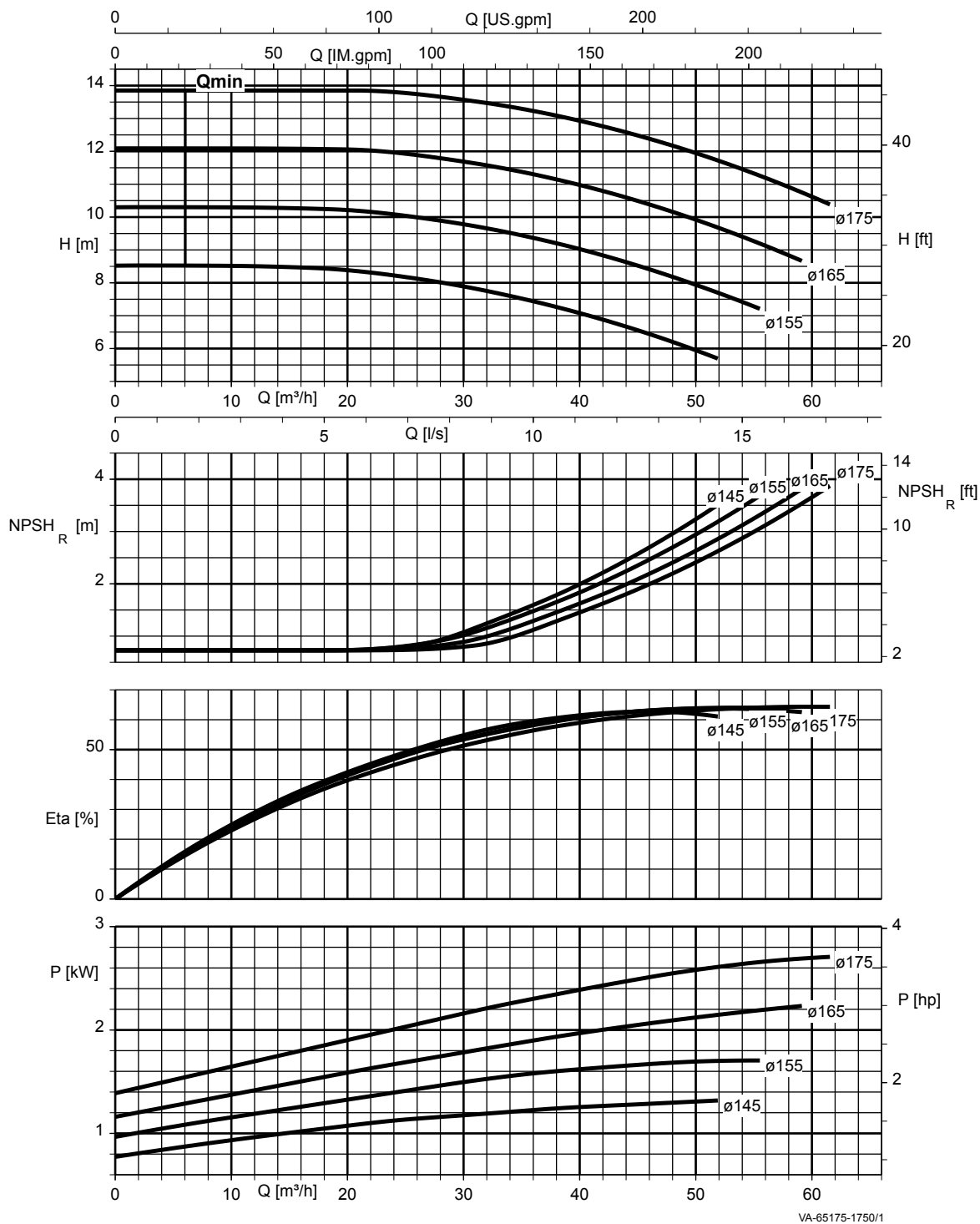
Vitacast 065-050-260, 1750 min⁻¹



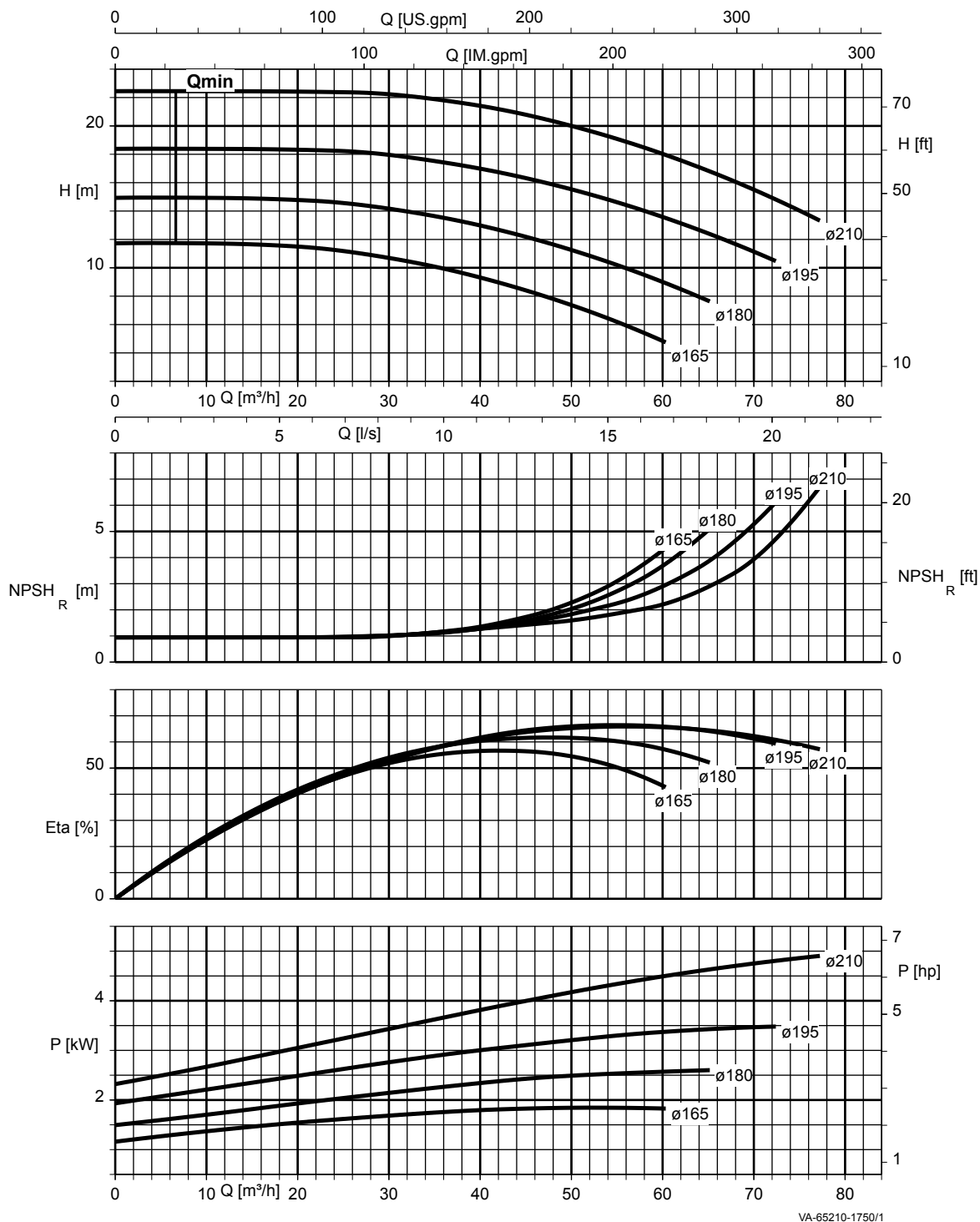
Vitacast 080-065-145, 1750 min⁻¹



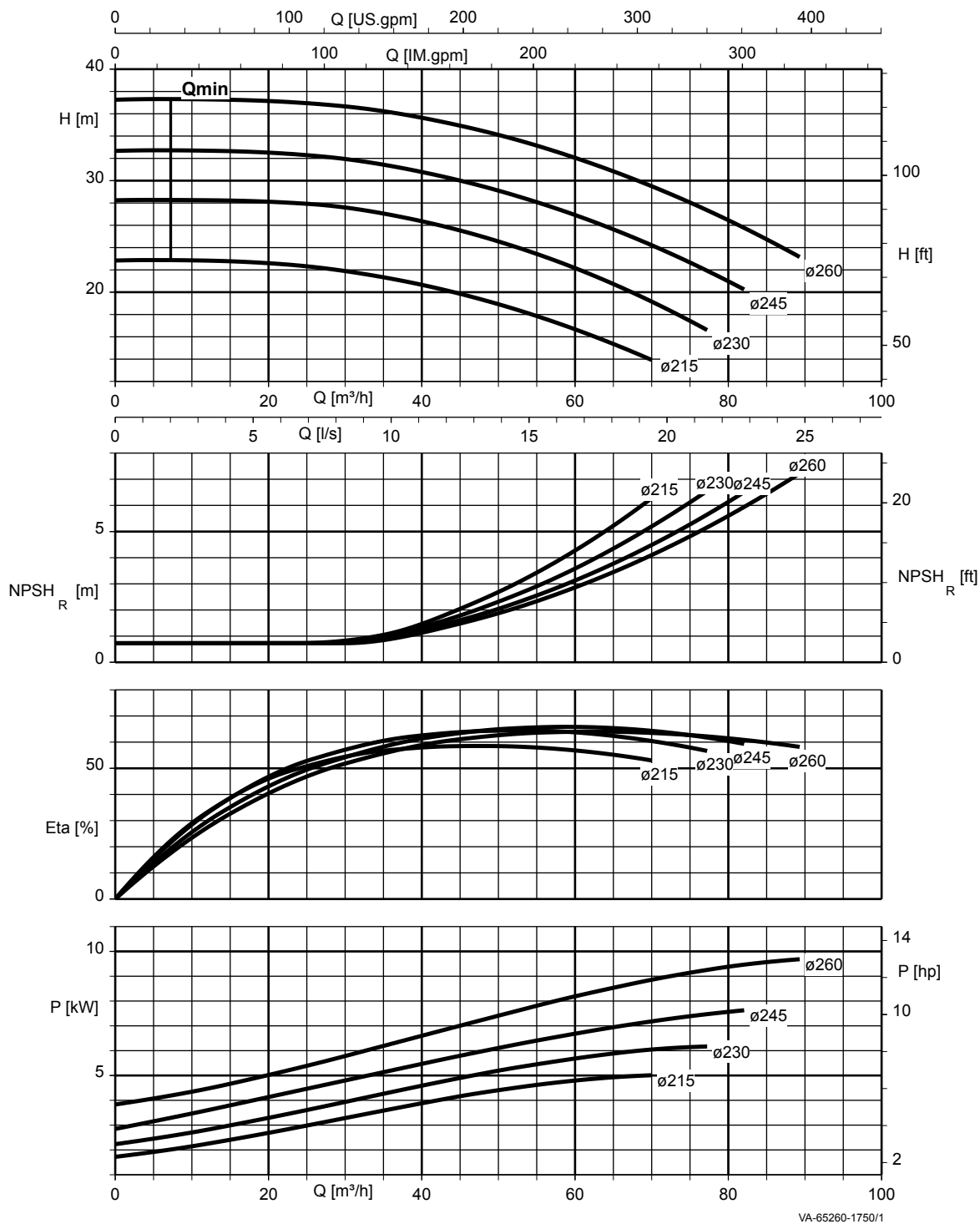
Vitacast 080-065-175, 1750 min⁻¹



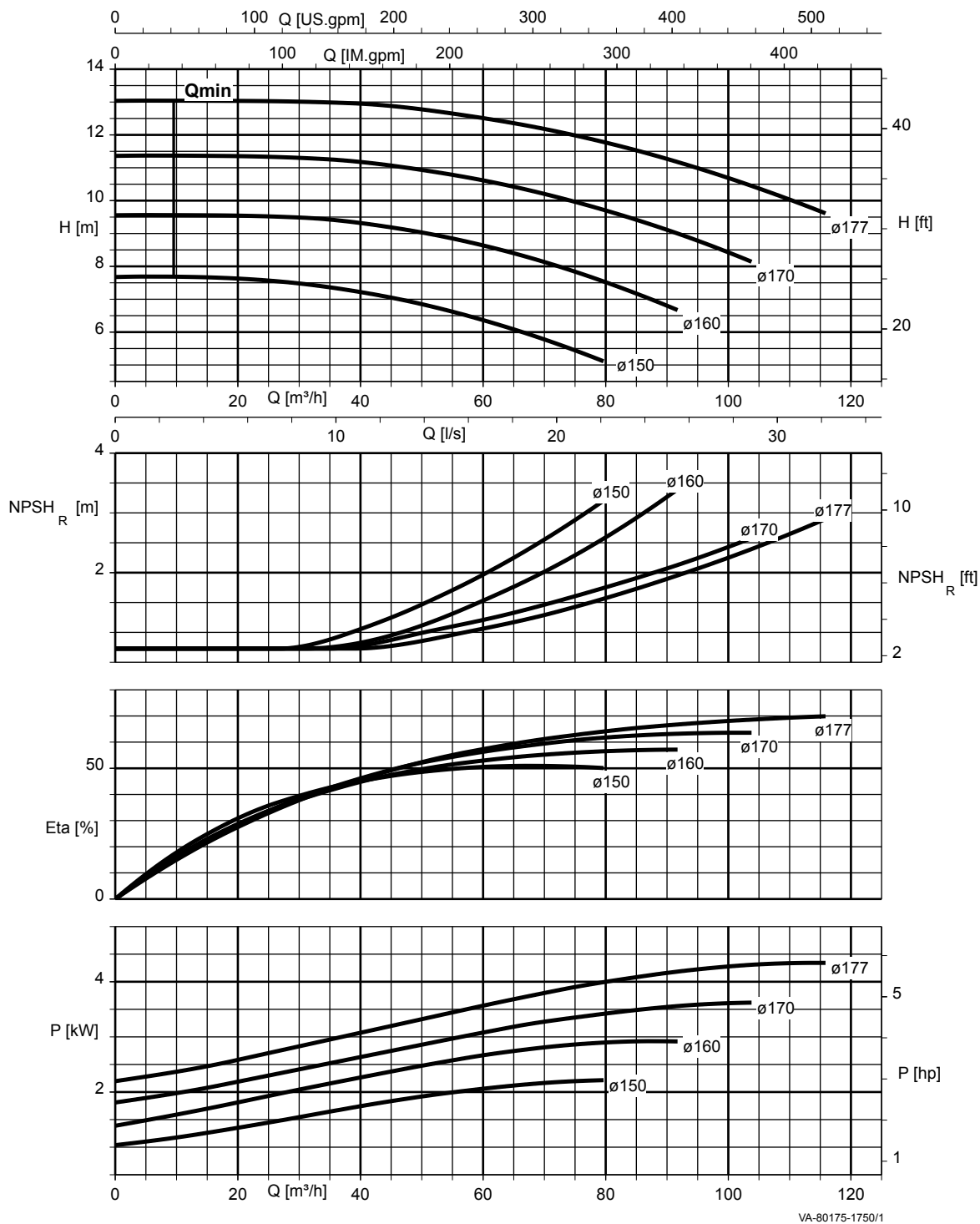
Vitacast 080-065-210, 1750 min⁻¹



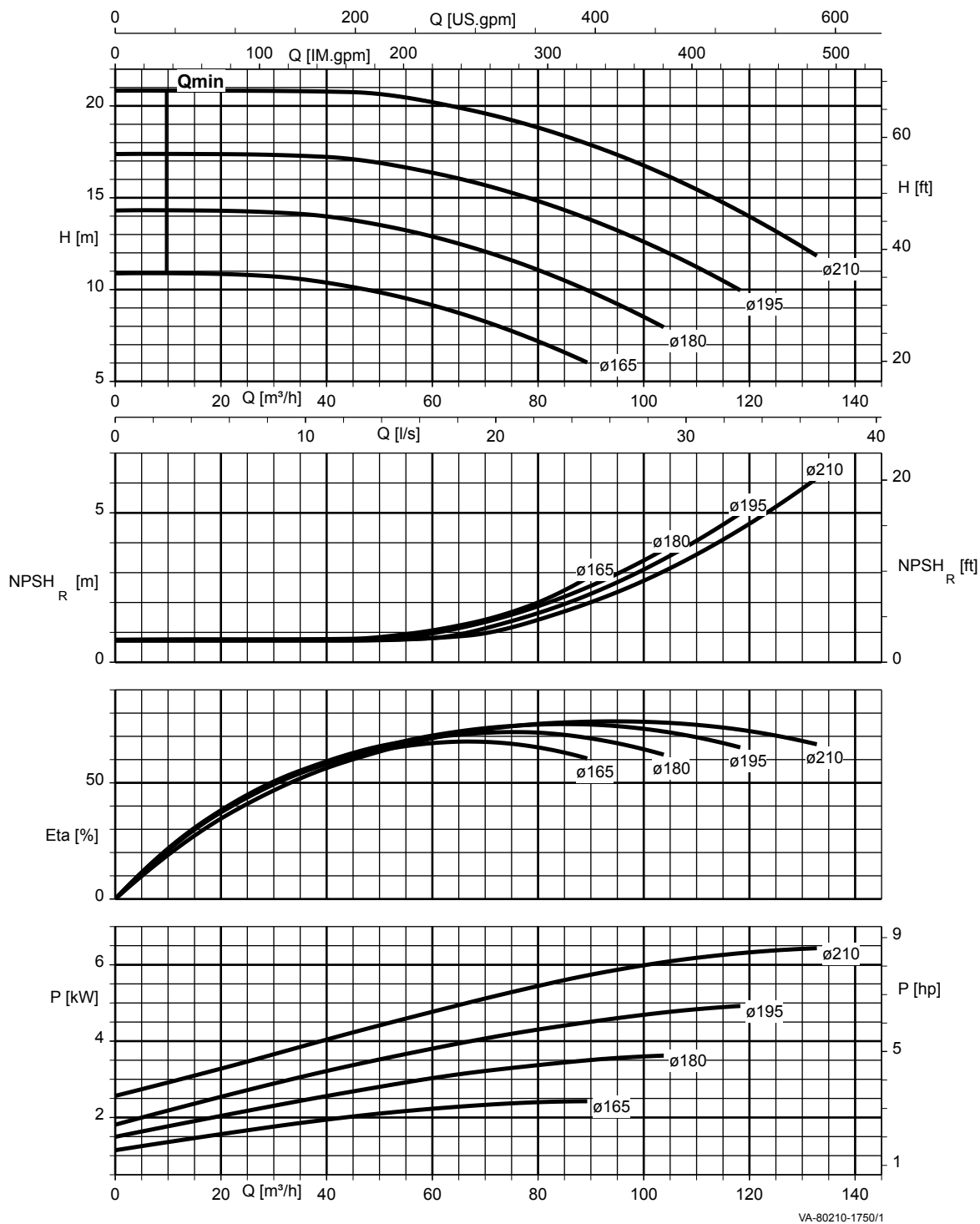
Vitacast 080-065-260, 1750 min⁻¹



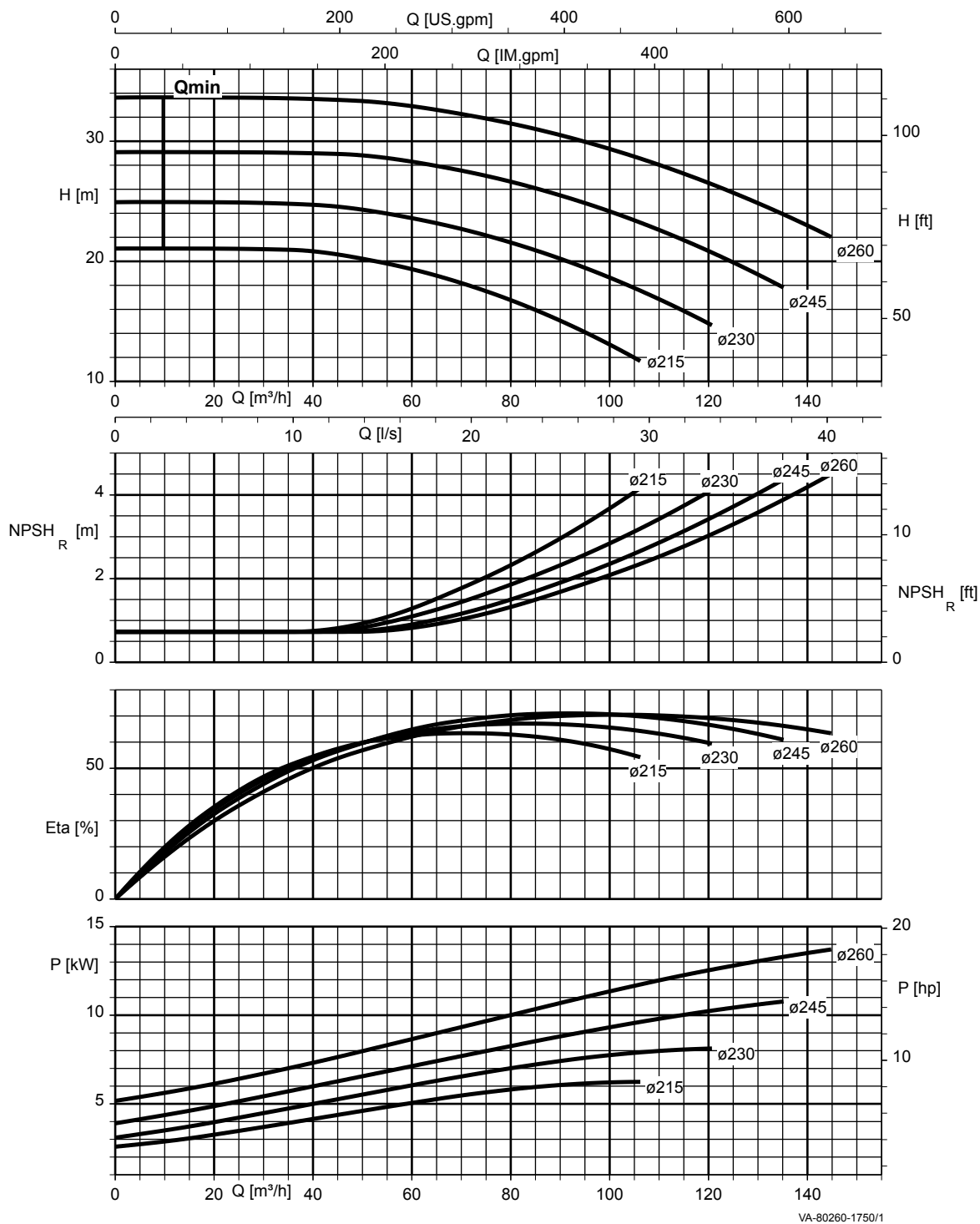
Vitacast 100-080-175, 1750 min⁻¹



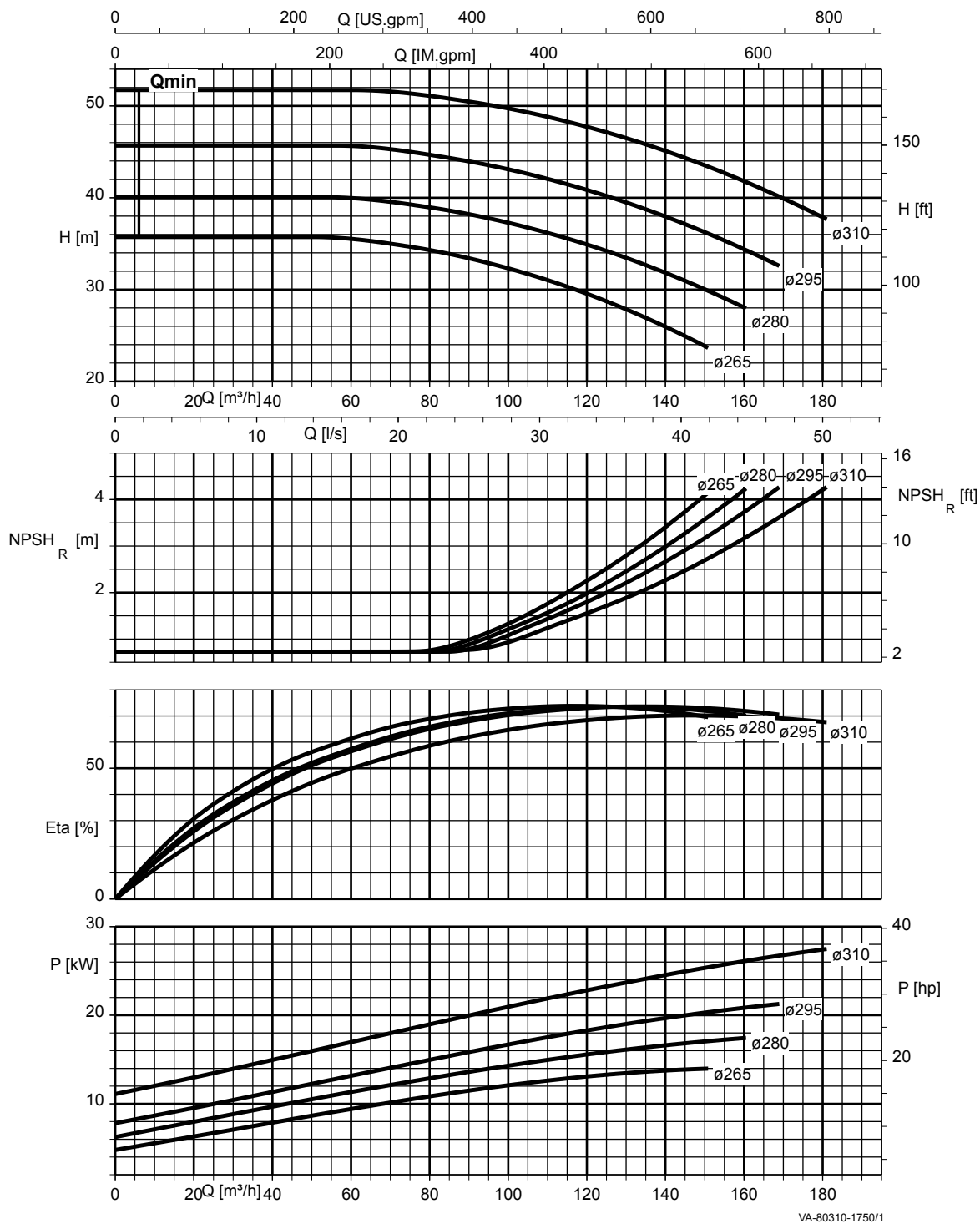
Vitacast 100-080-210, 1750 min⁻¹



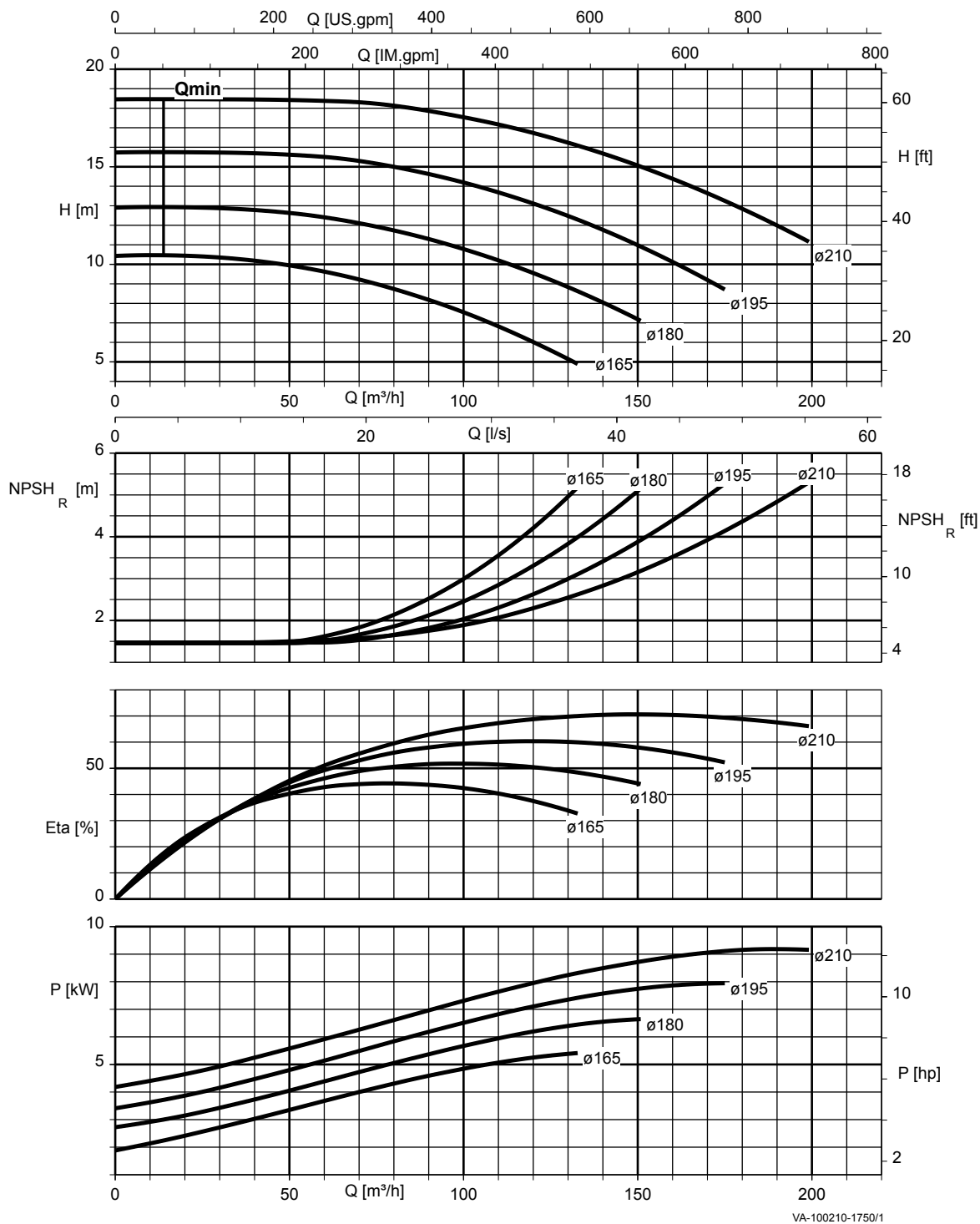
Vitacast 100-080-260, 1750 min⁻¹



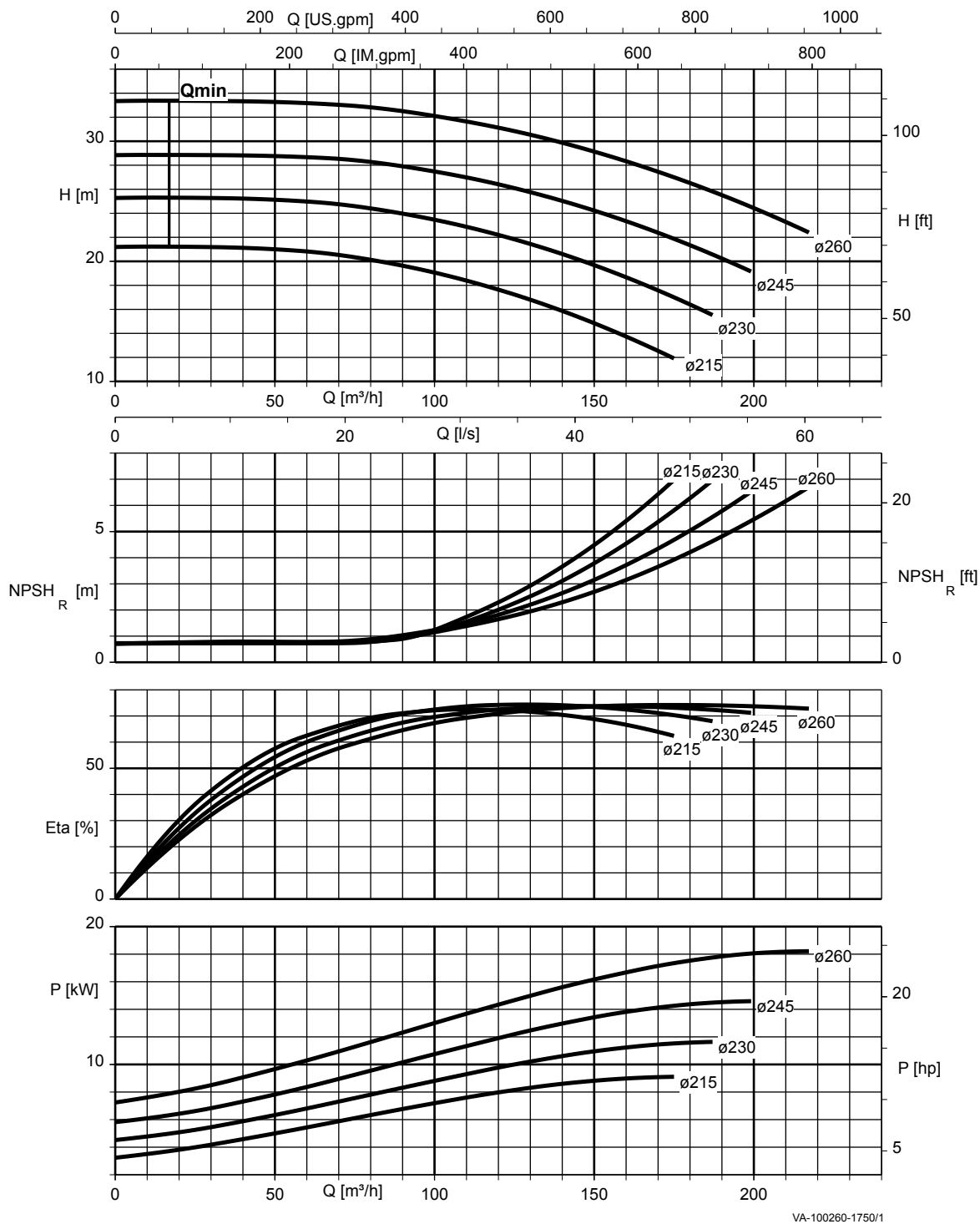
Vitacast 100-080-310, 1750 min⁻¹



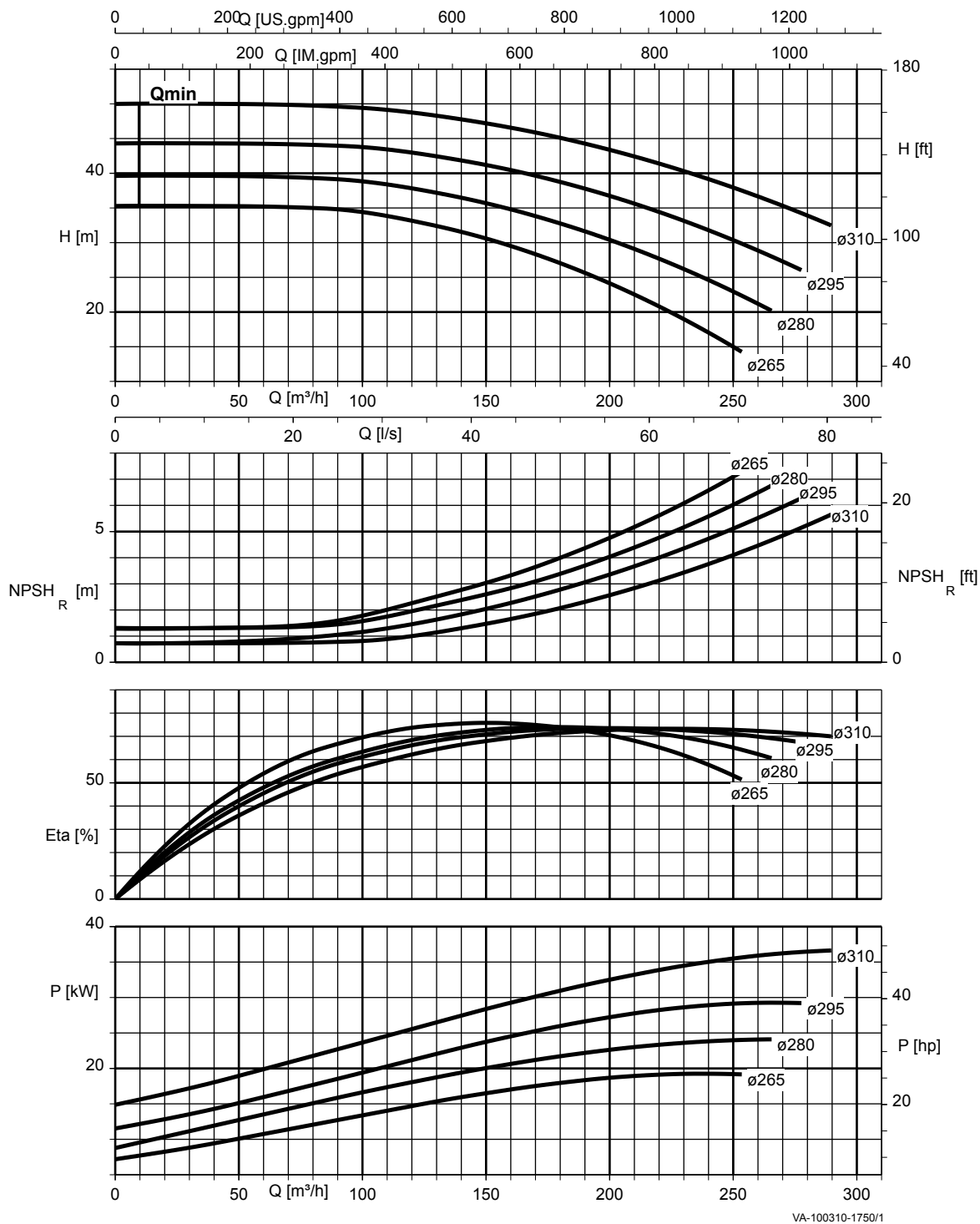
Vitacast 125-100-210, 1750 min⁻¹



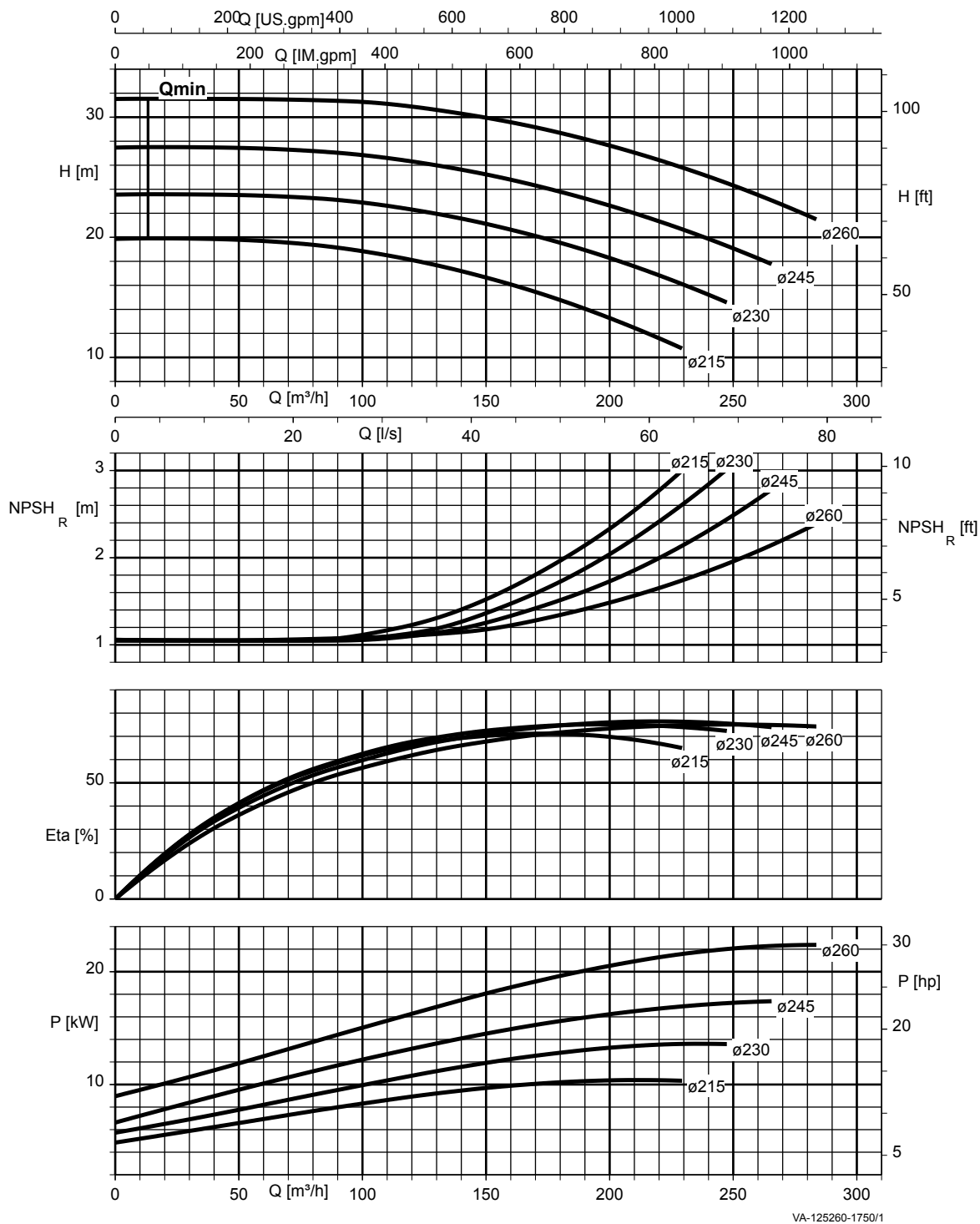
Vitacast 125-100-260, 1750 min⁻¹



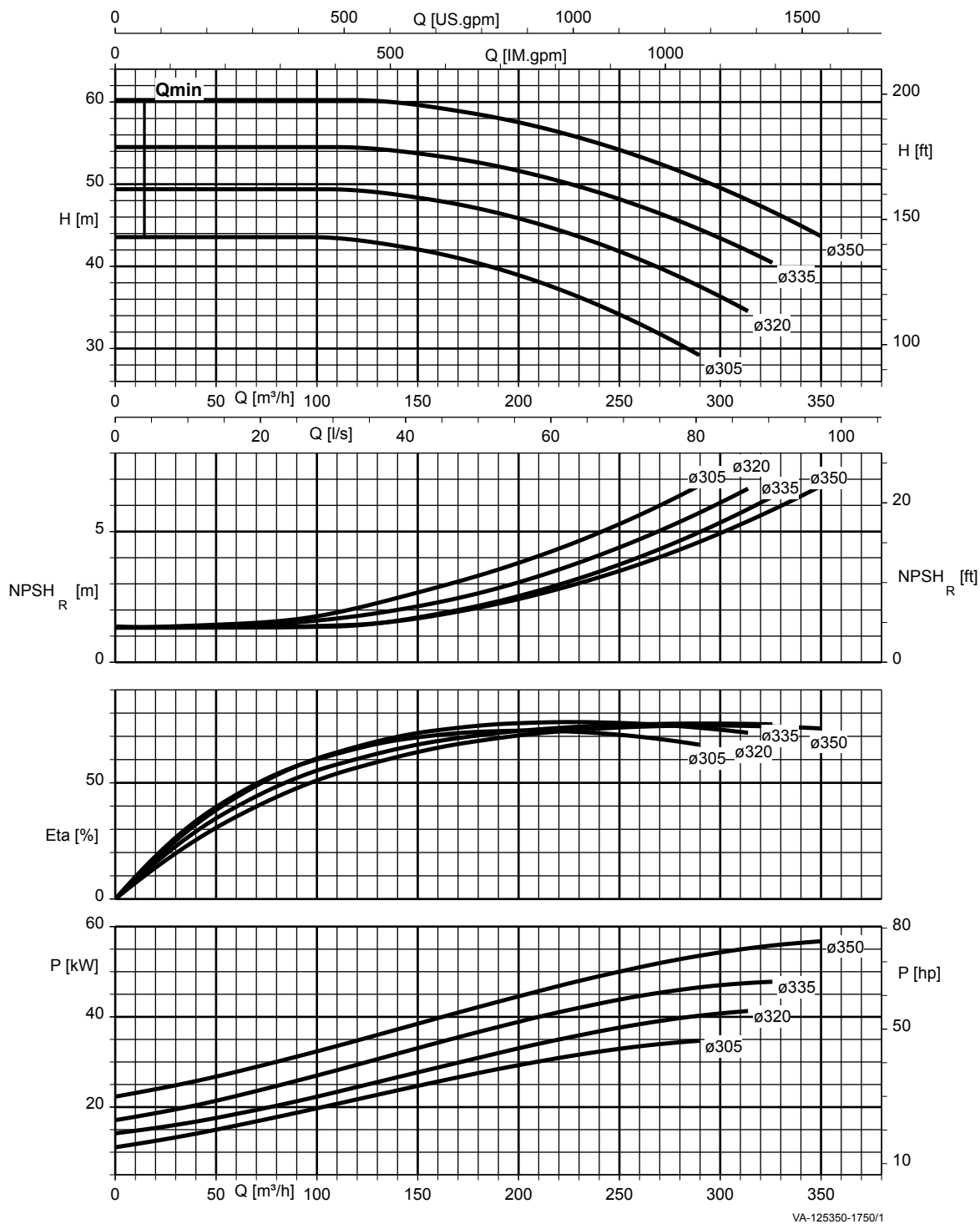
Vitacast 125-100-310, 1750 min⁻¹



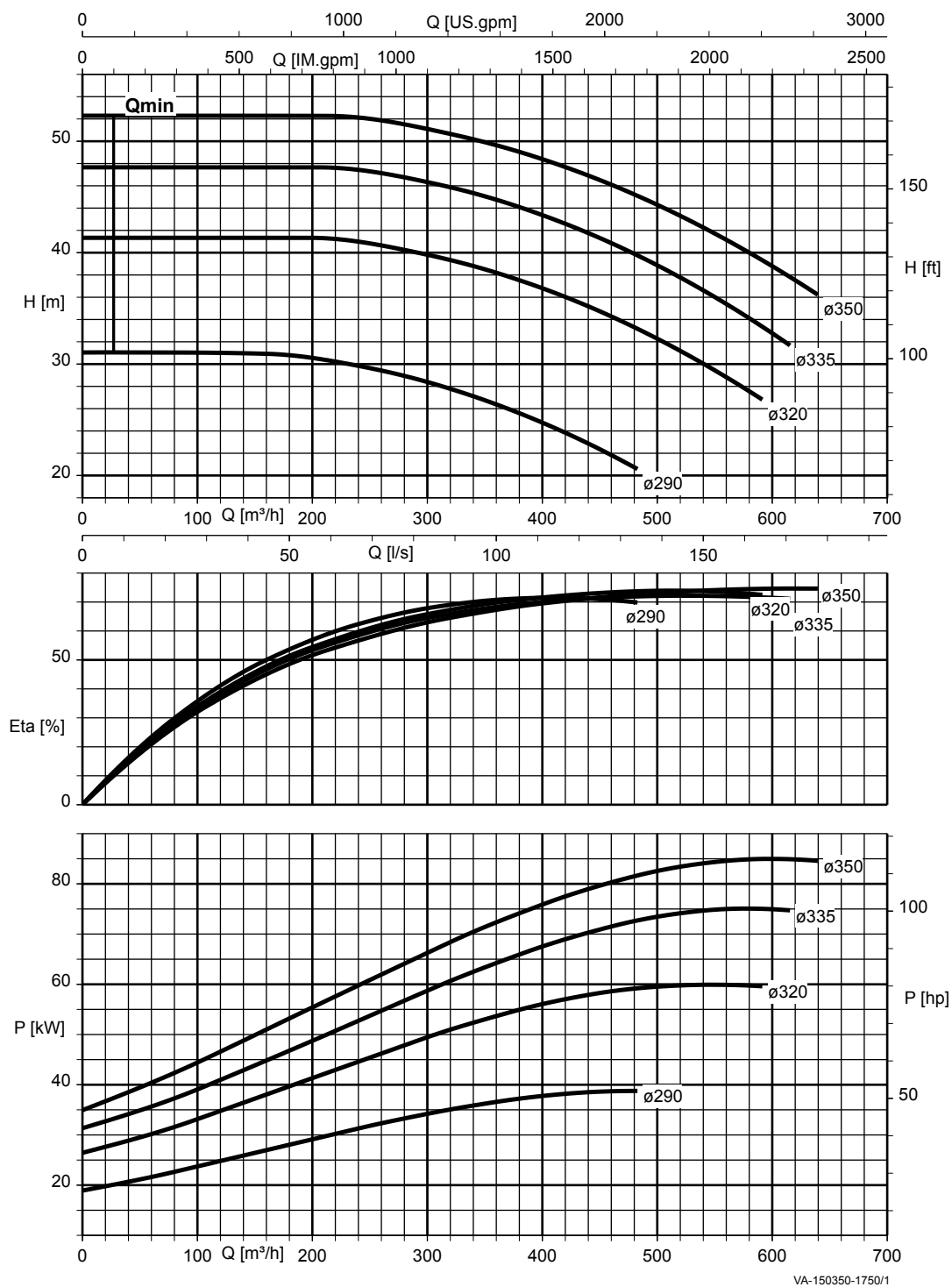
Vitacast 150-125-260, 1750 min⁻¹



Vitacast 150-125-350, 1750 min⁻¹

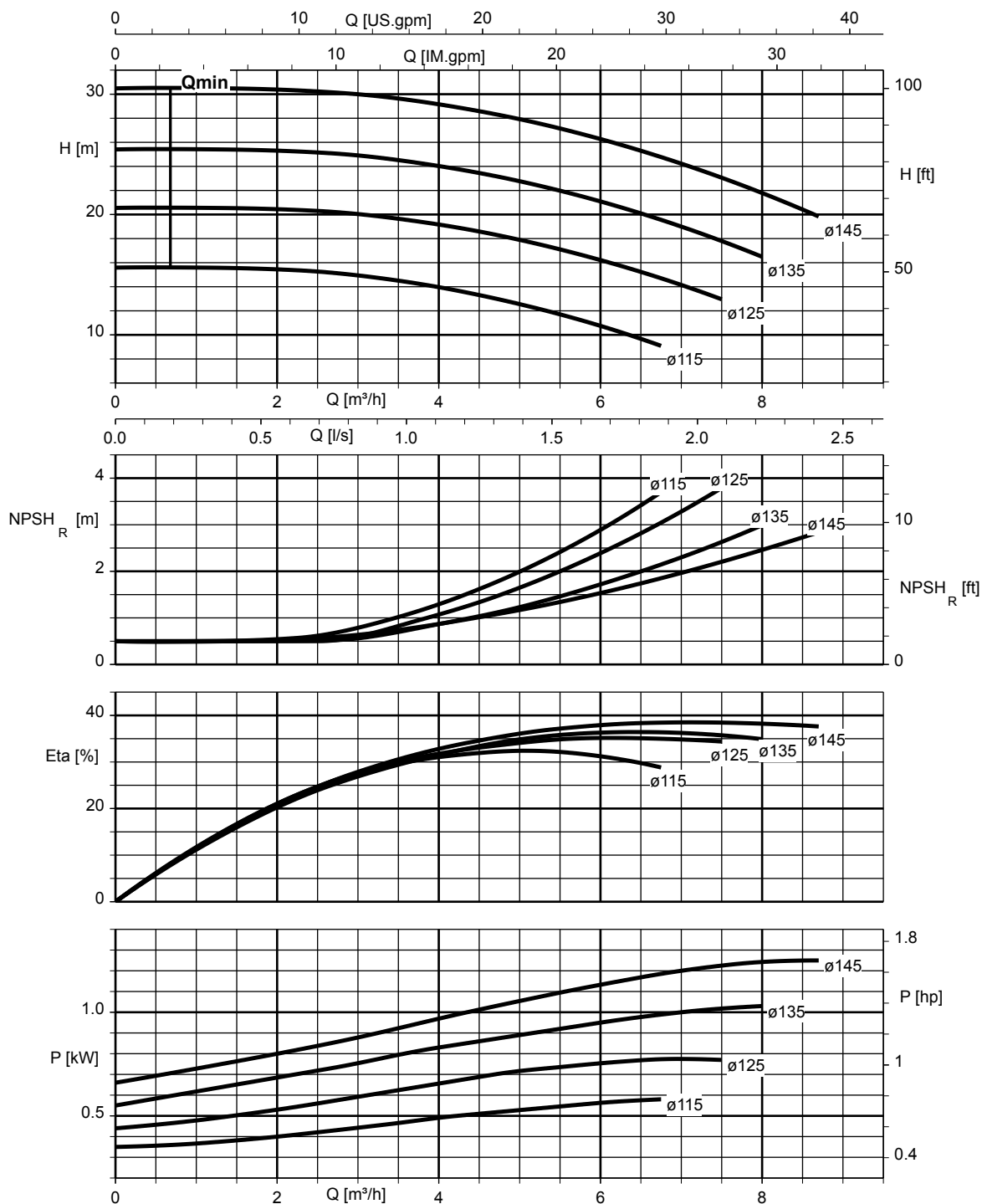


Vitacast 200-150-350, 1750 min⁻¹



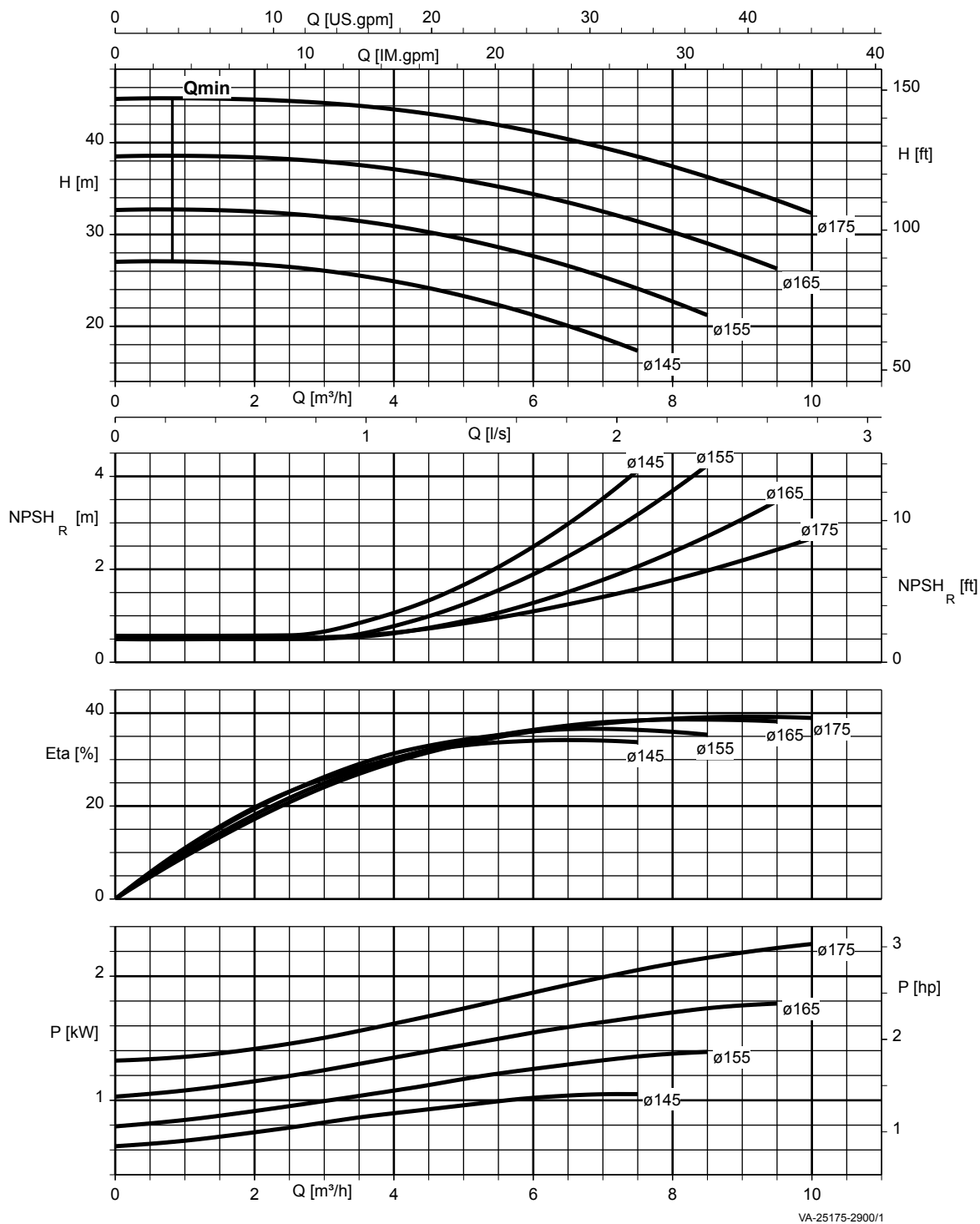
$n = 2900 \text{ min}^{-1}$

Vitacast 032-025-145, 2900 min^{-1}

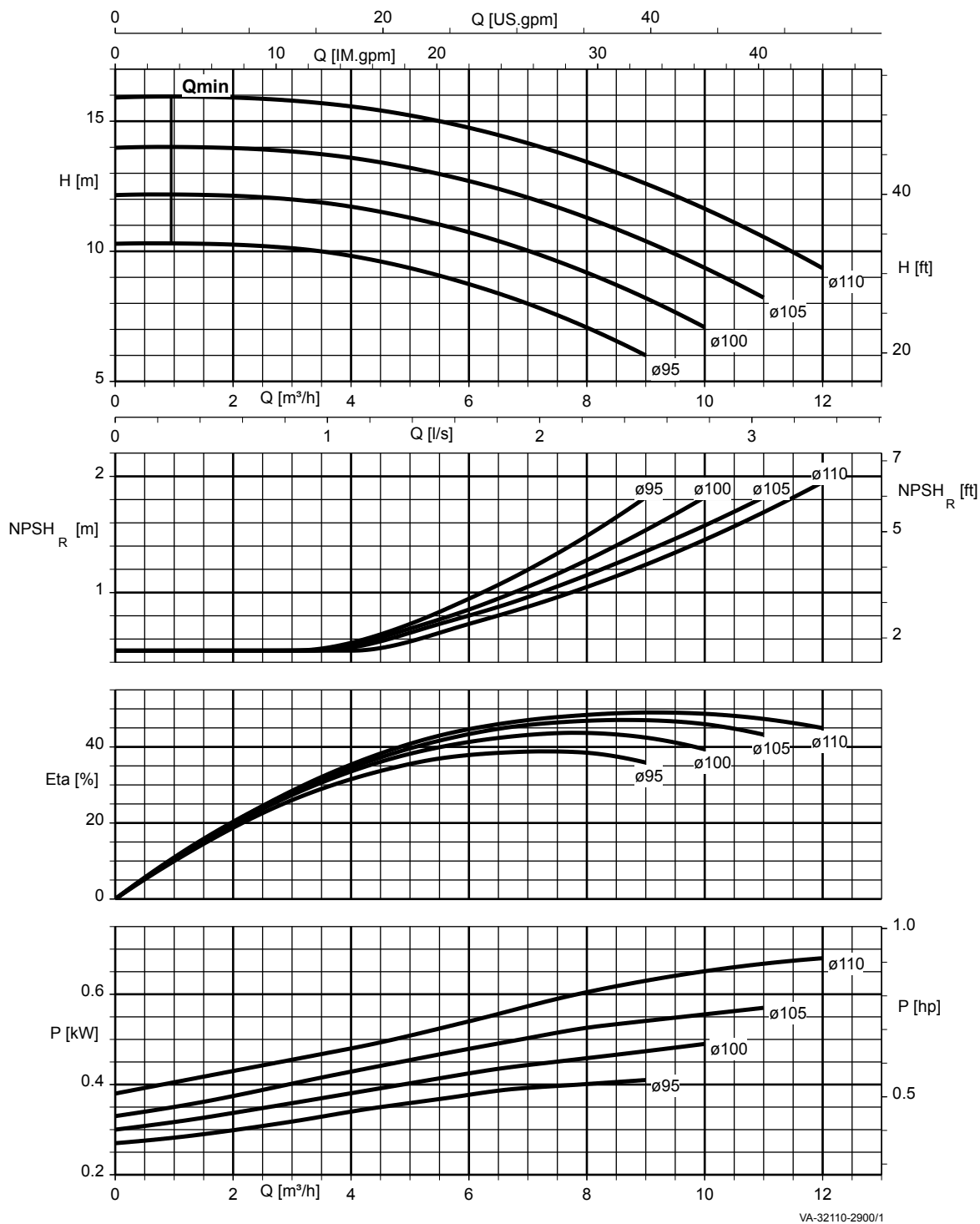


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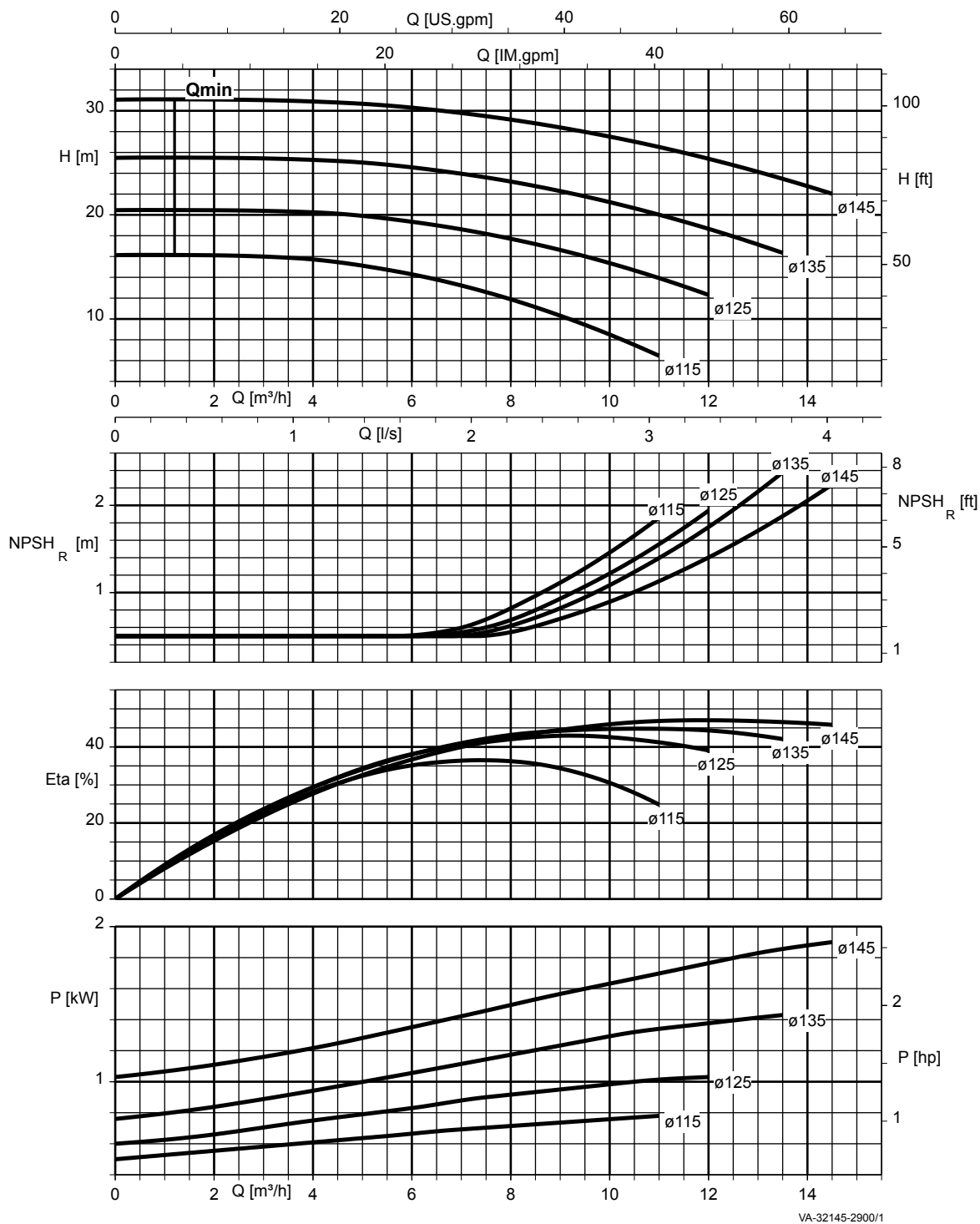
Vitacast 032-025-175, 2900 min⁻¹



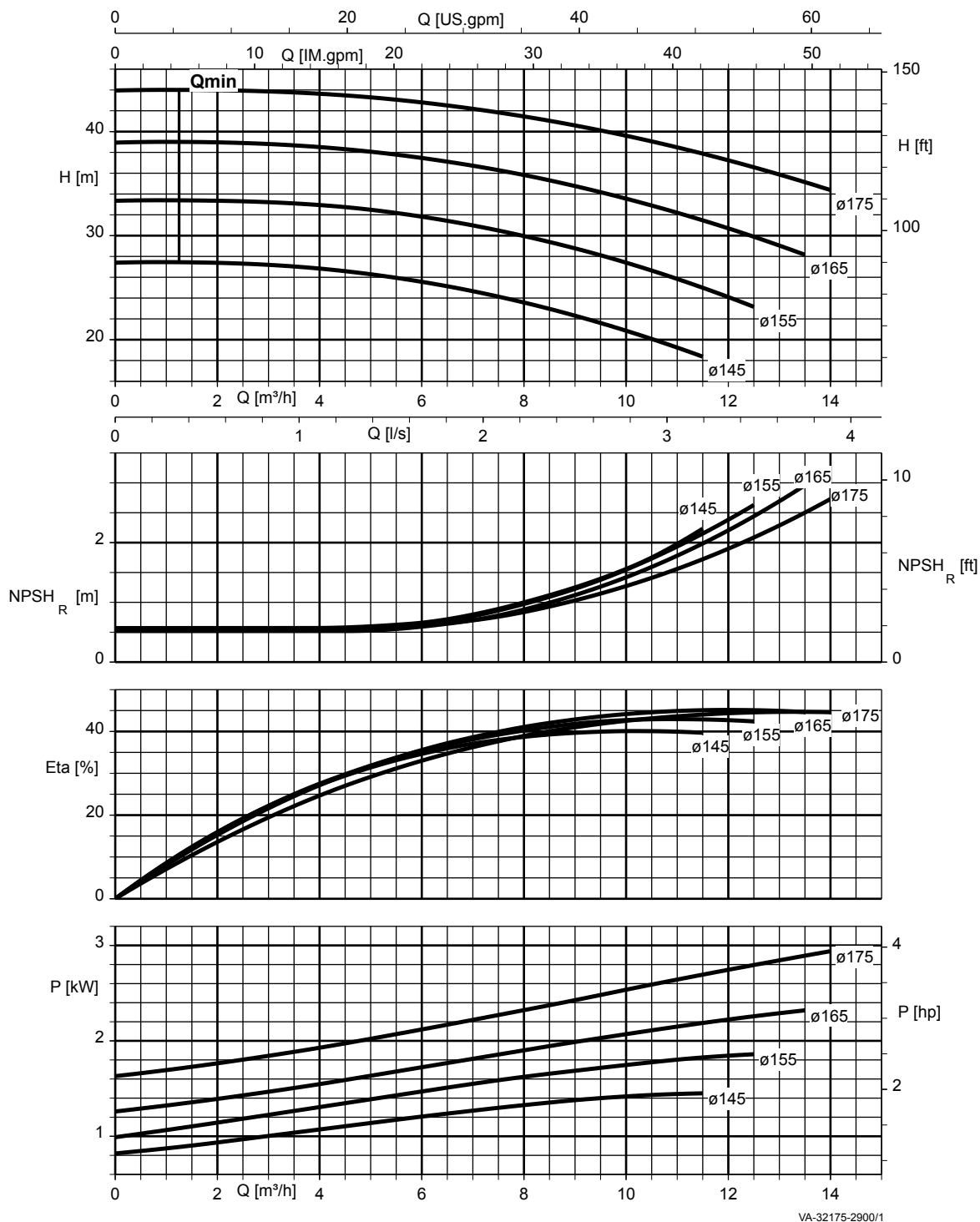
Vitacast 040-032-110, 2900 min⁻¹



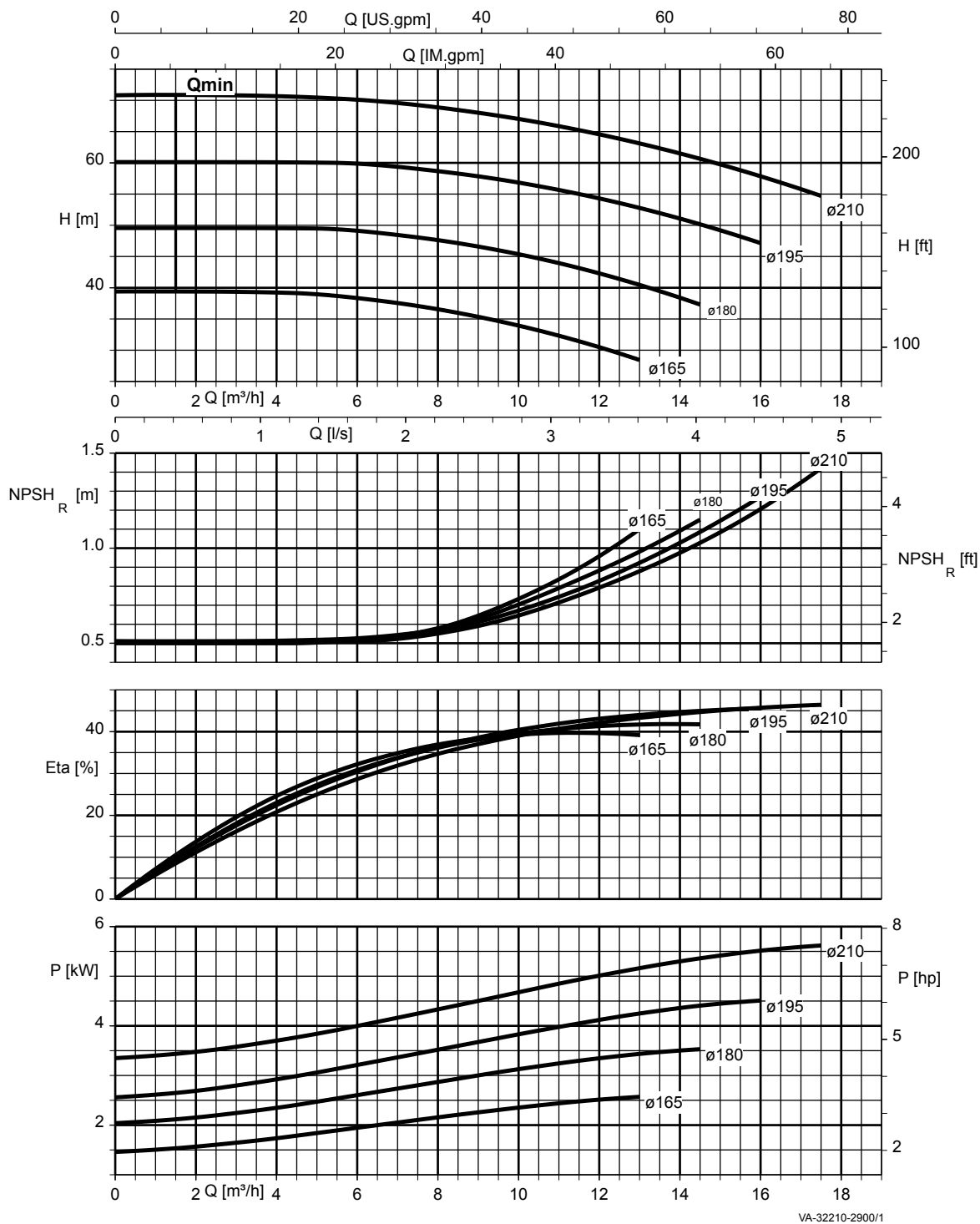
Vitacast 040-032-145, 2900 min⁻¹



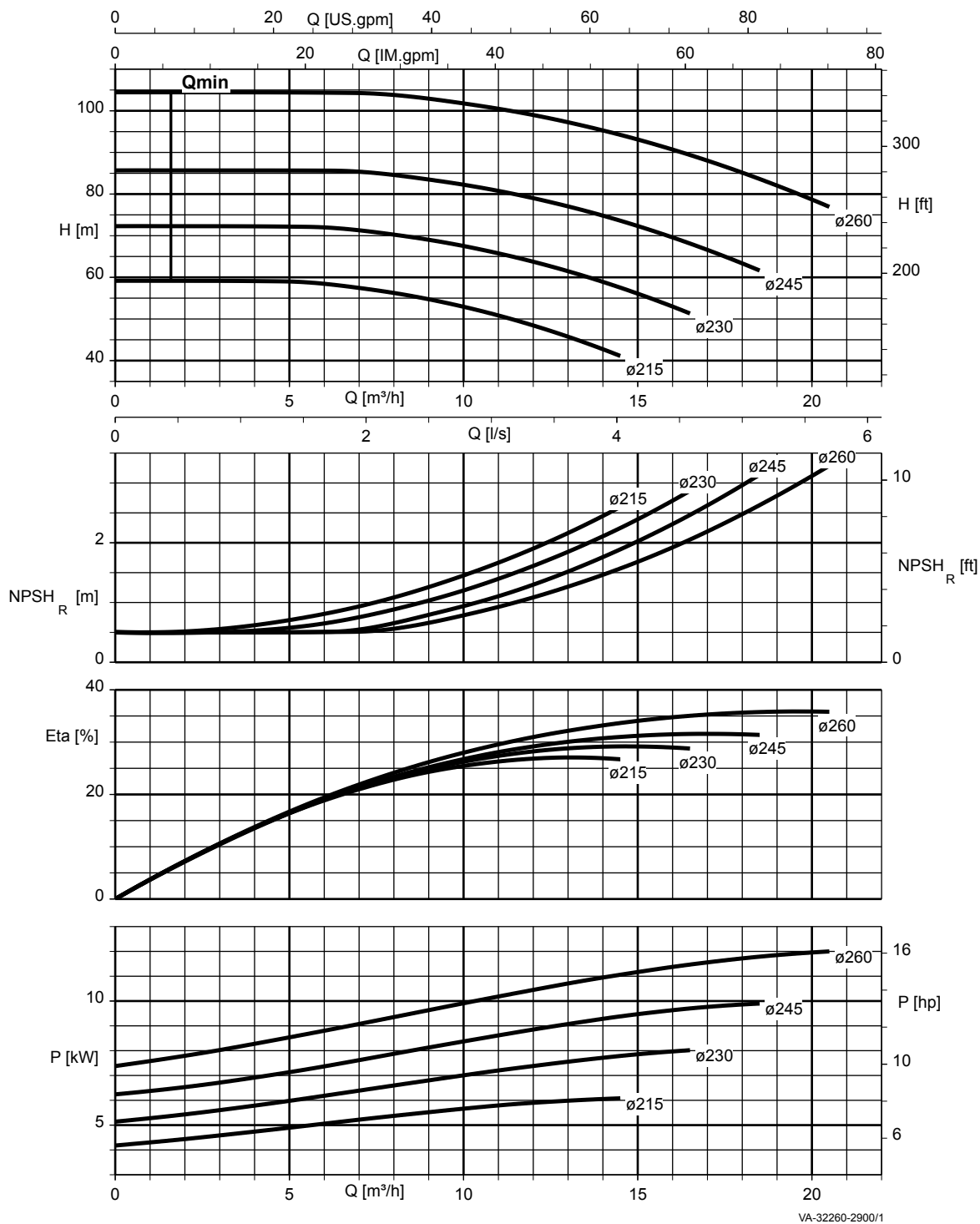
Vitacast 040-032-175, 2900 min⁻¹



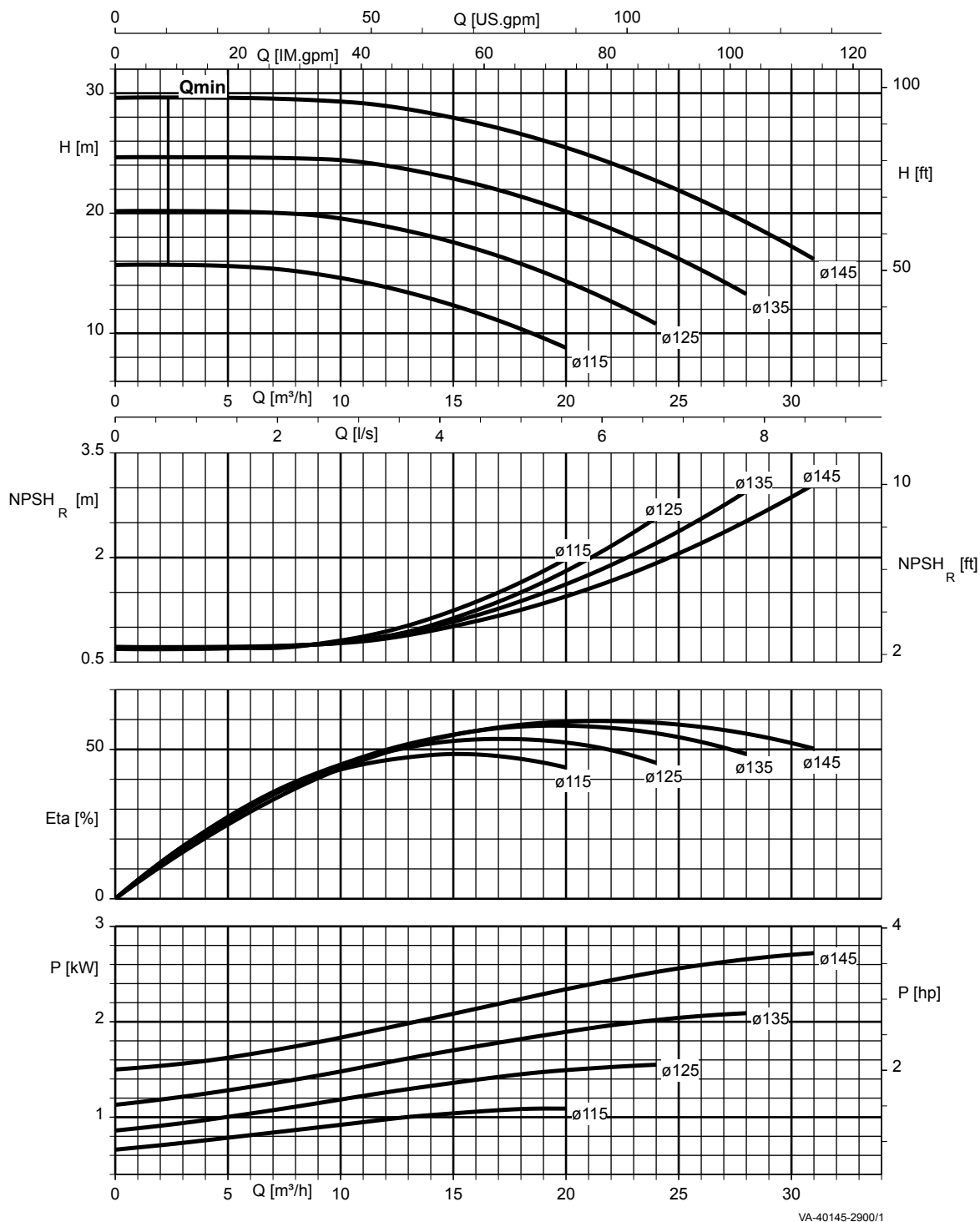
Vitacast 040-032-210, 2900 min⁻¹



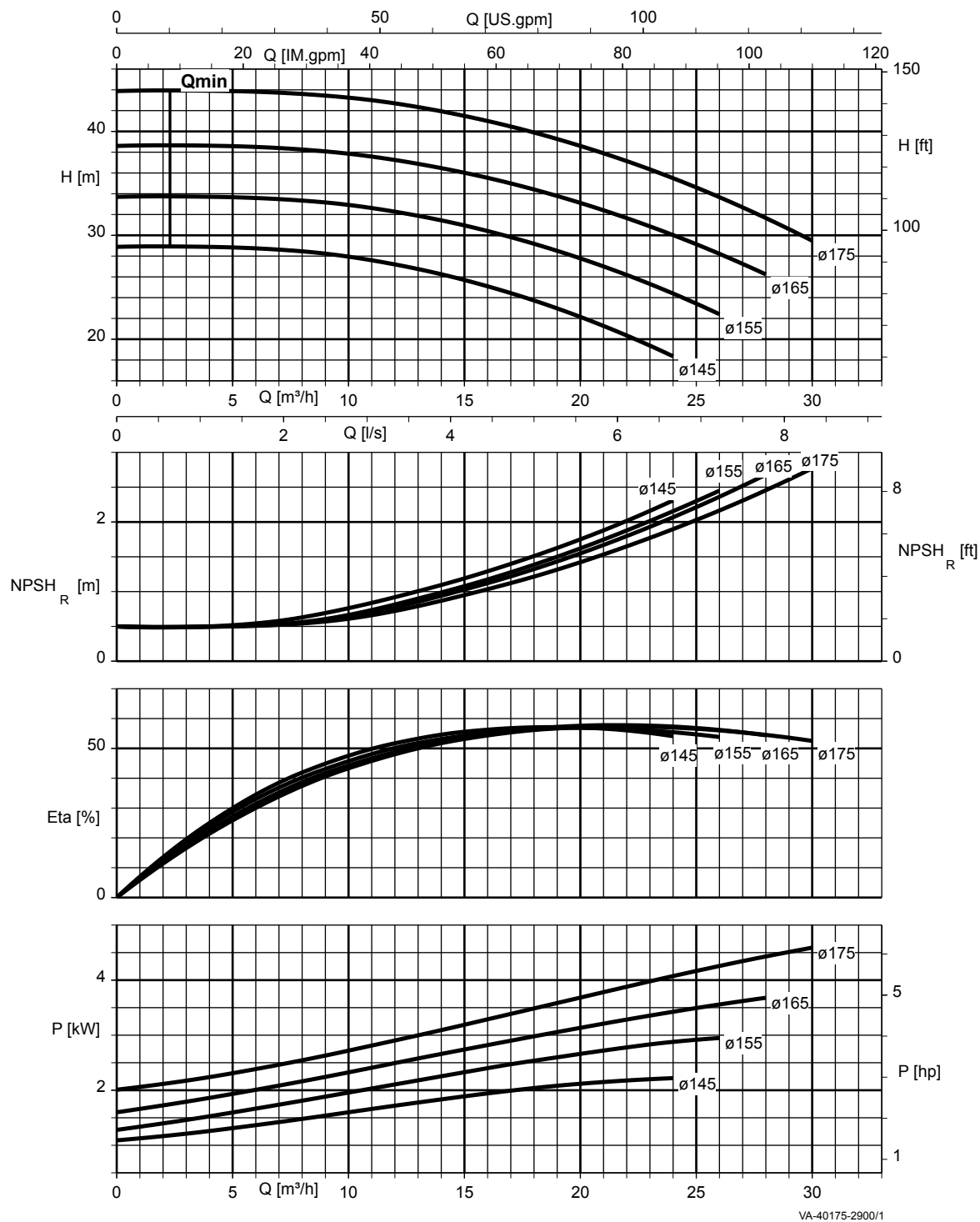
Vitacast 040-032-260, 2900 min⁻¹



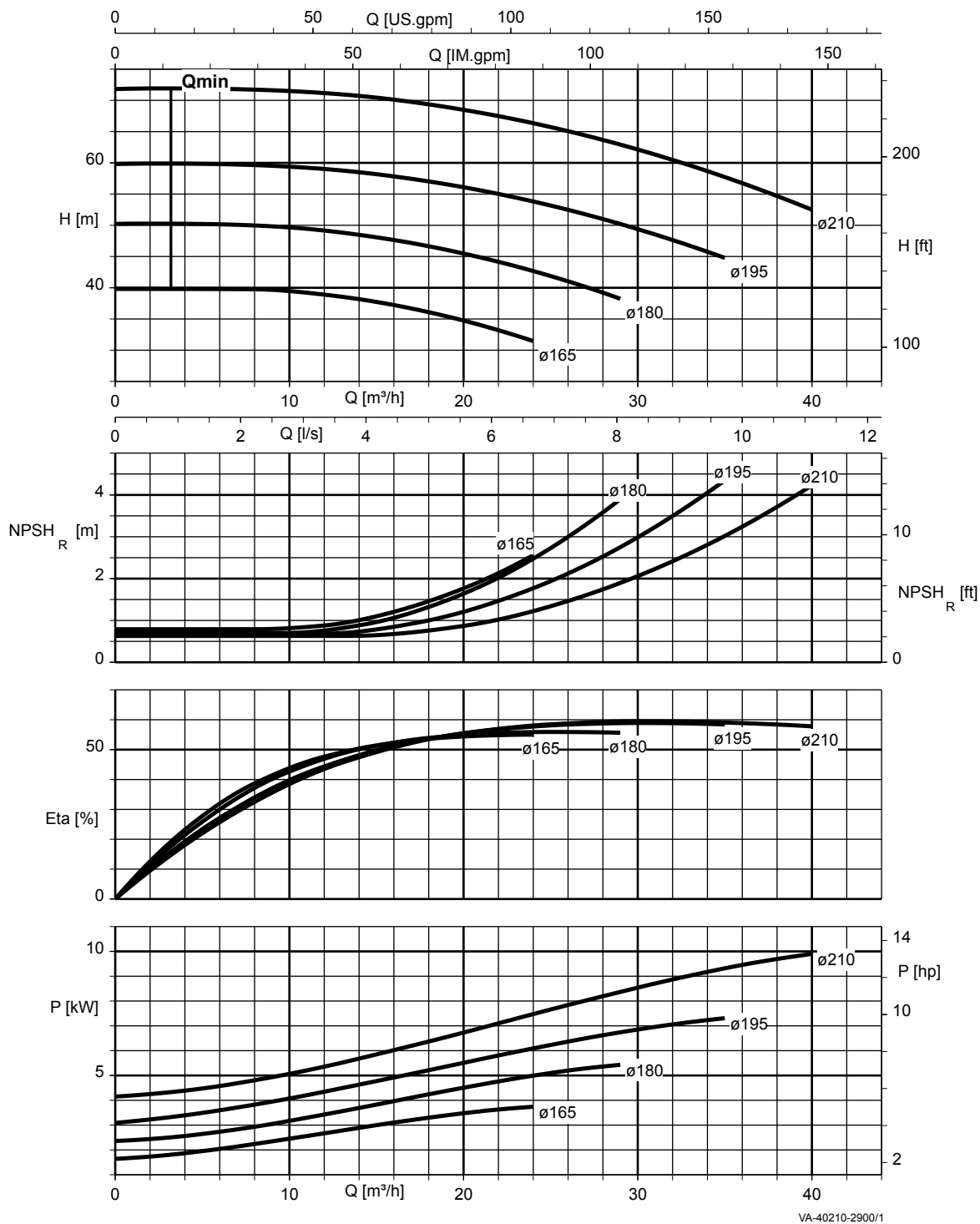
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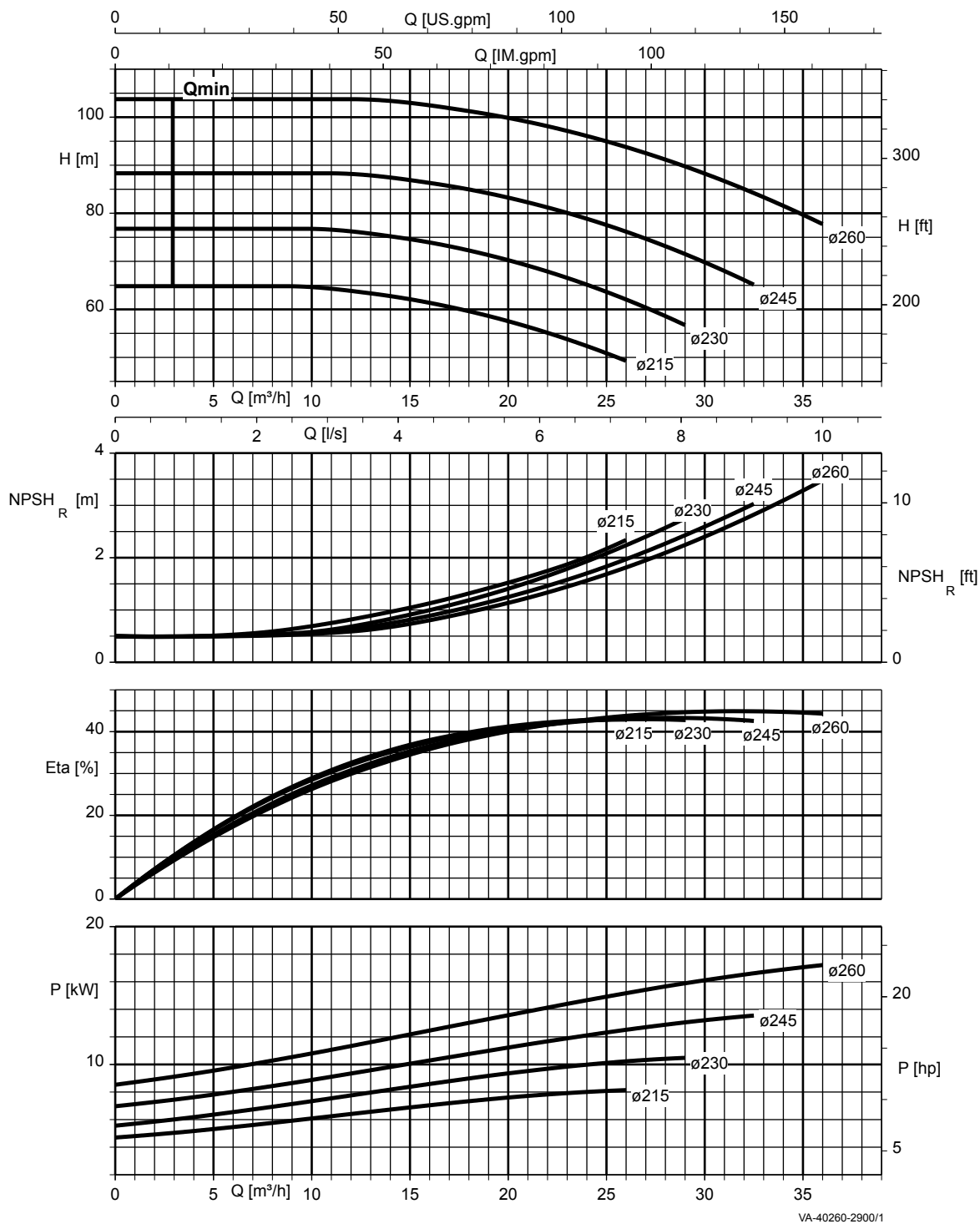
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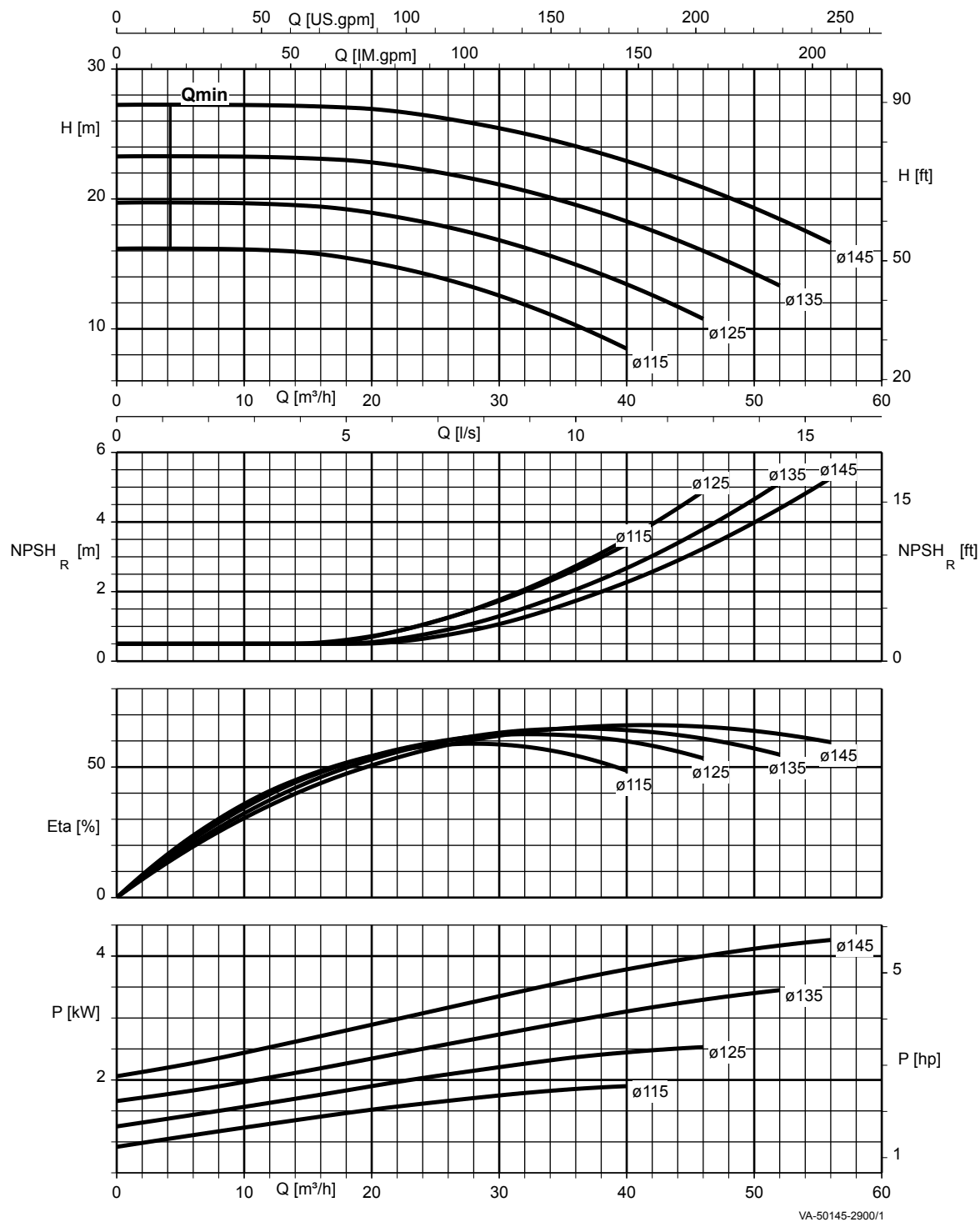
Vitacast 050-040-210, 2900 min⁻¹



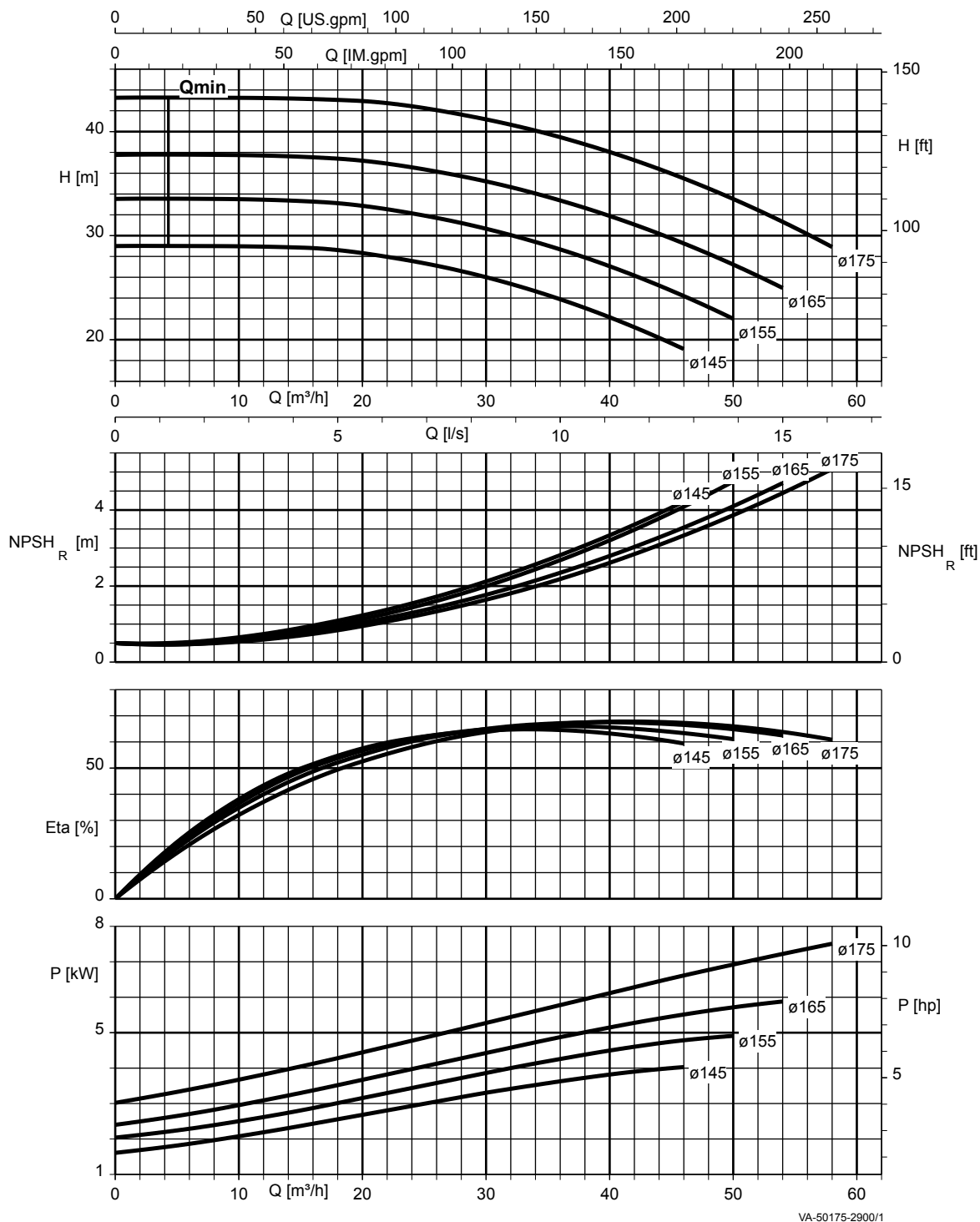
Vitacast 050-040-260, 2900 min⁻¹



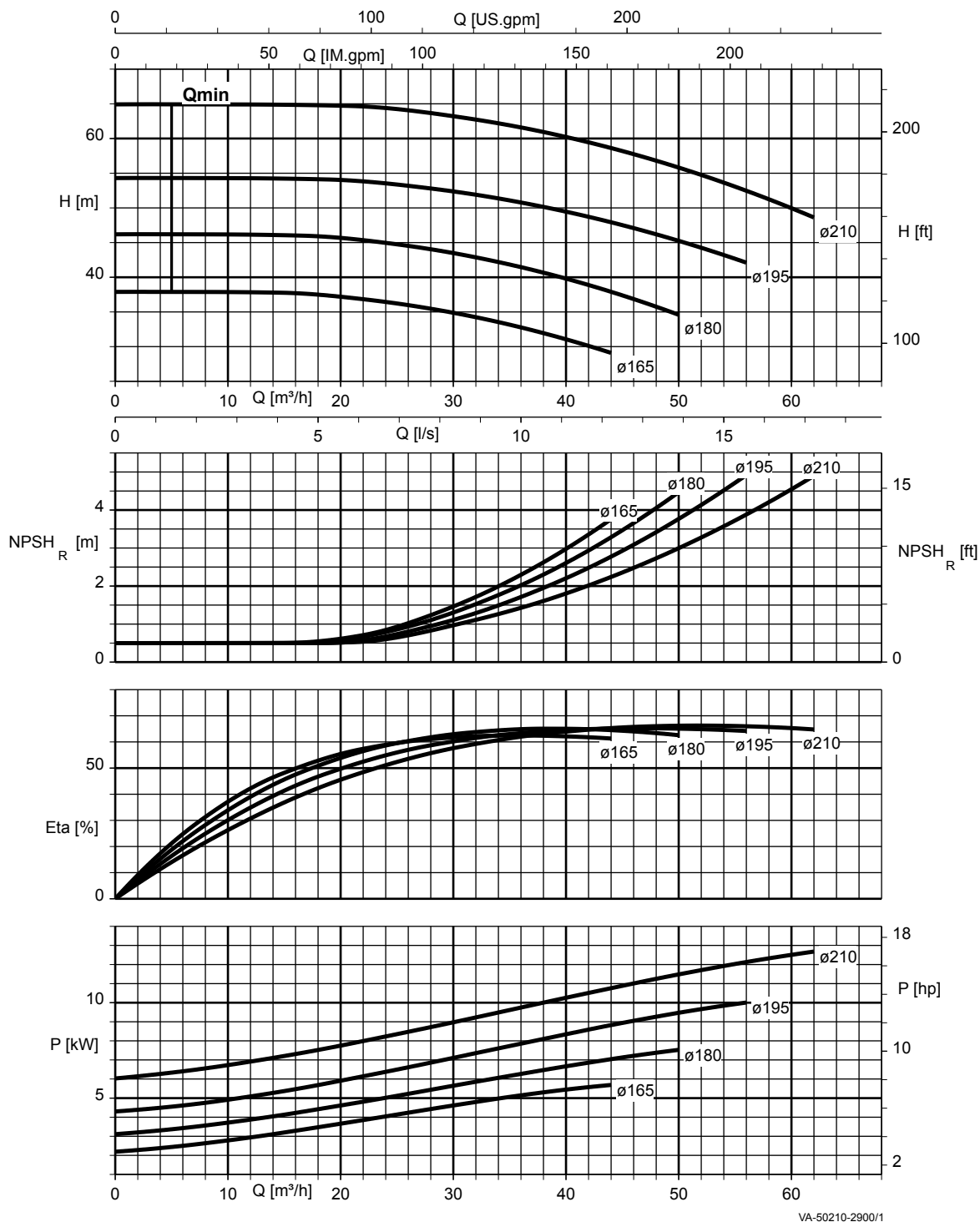
Vitacast 065-050-145, 2900 min⁻¹



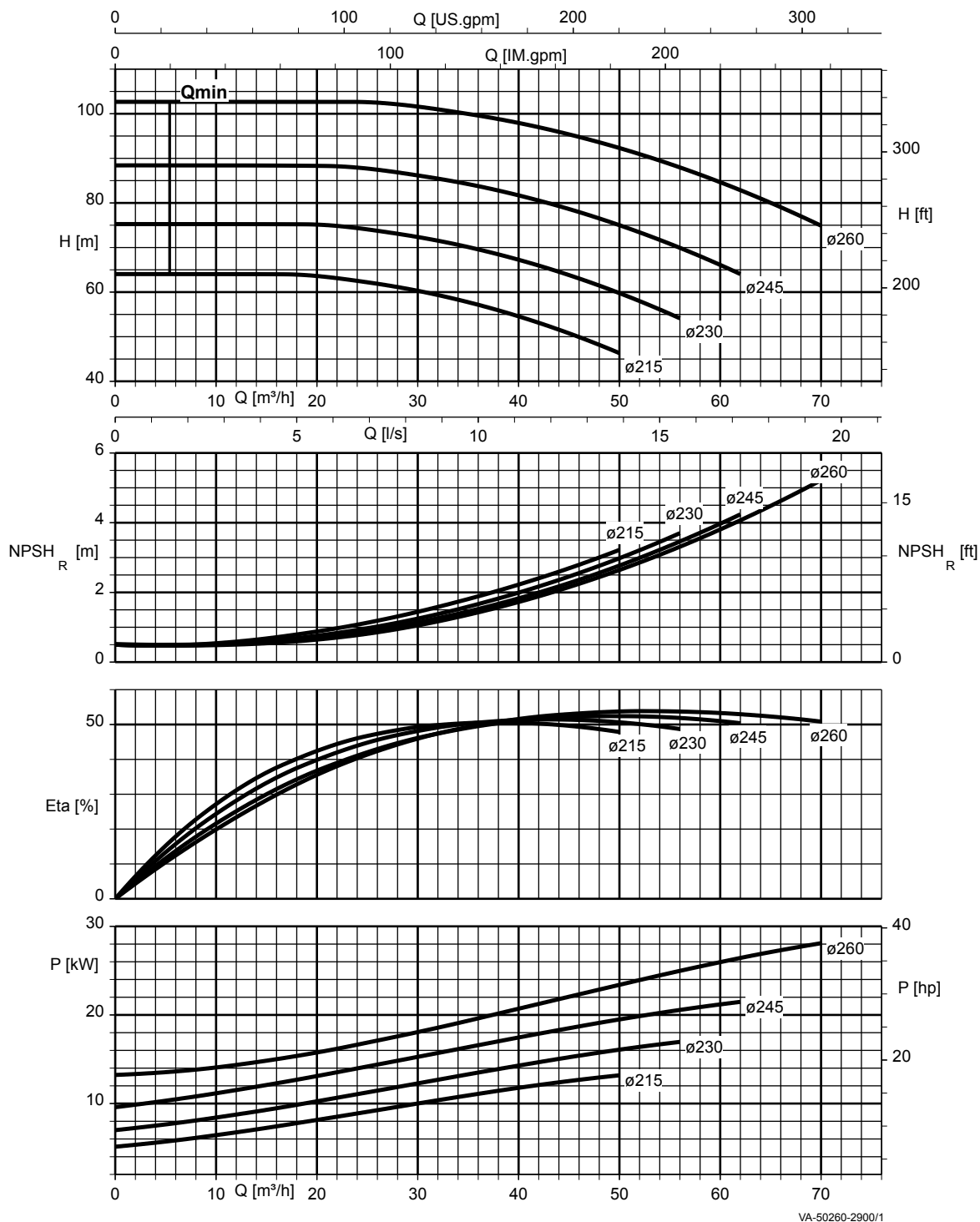
Vitacast 065-050-175, 2900 min⁻¹



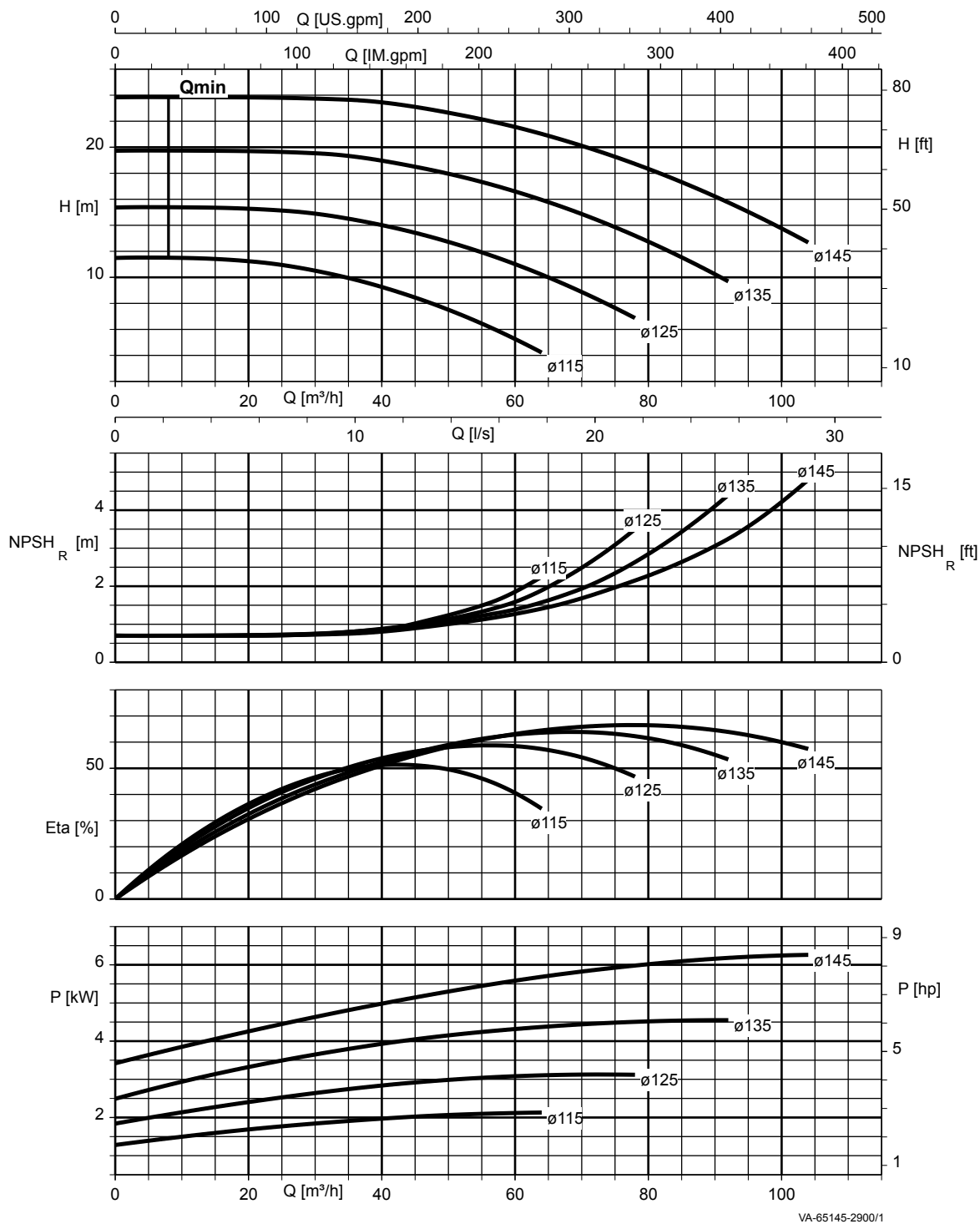
Vitacast 065-050-210, 2900 min⁻¹



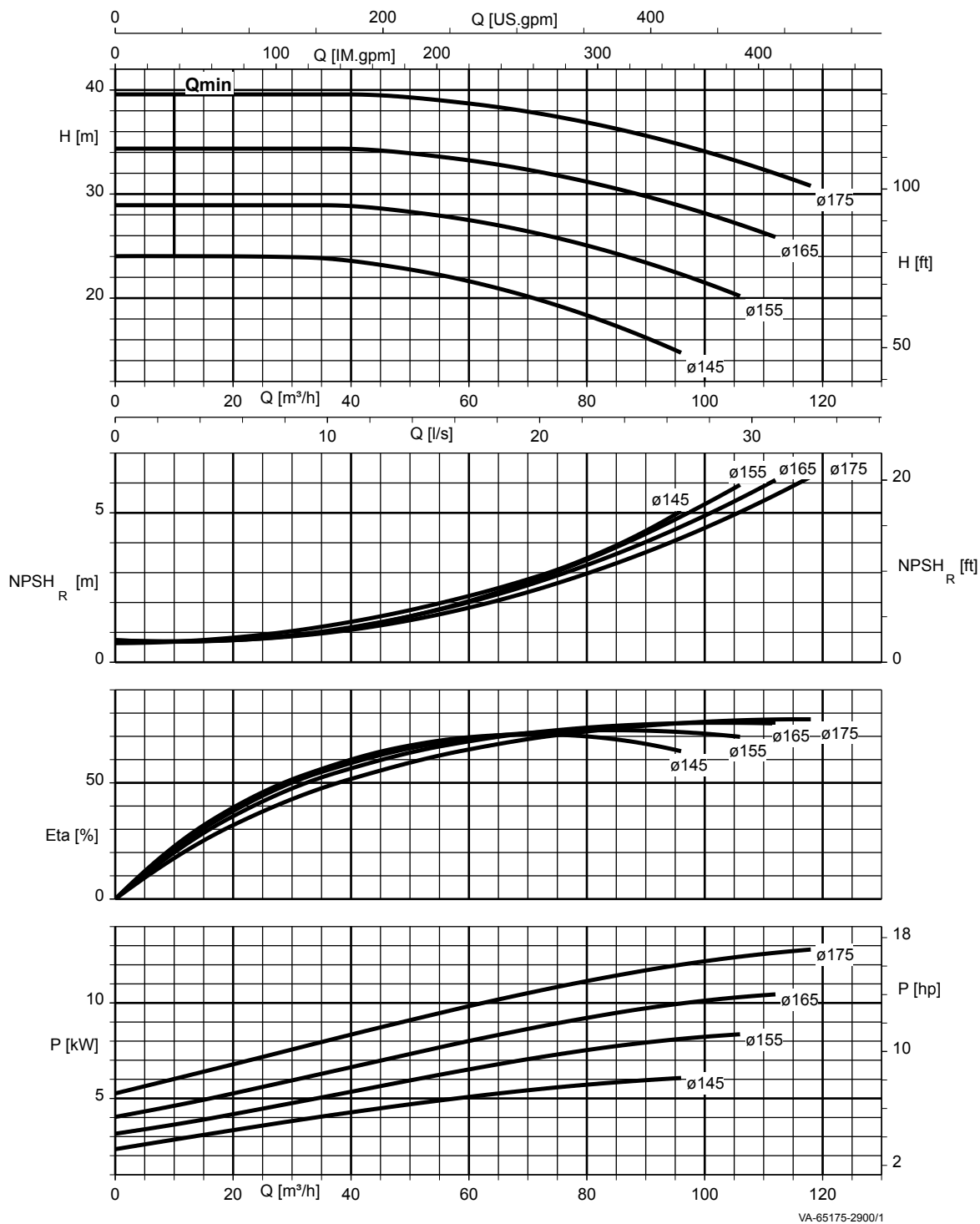
Vitacast 065-050-260, 2900 min⁻¹



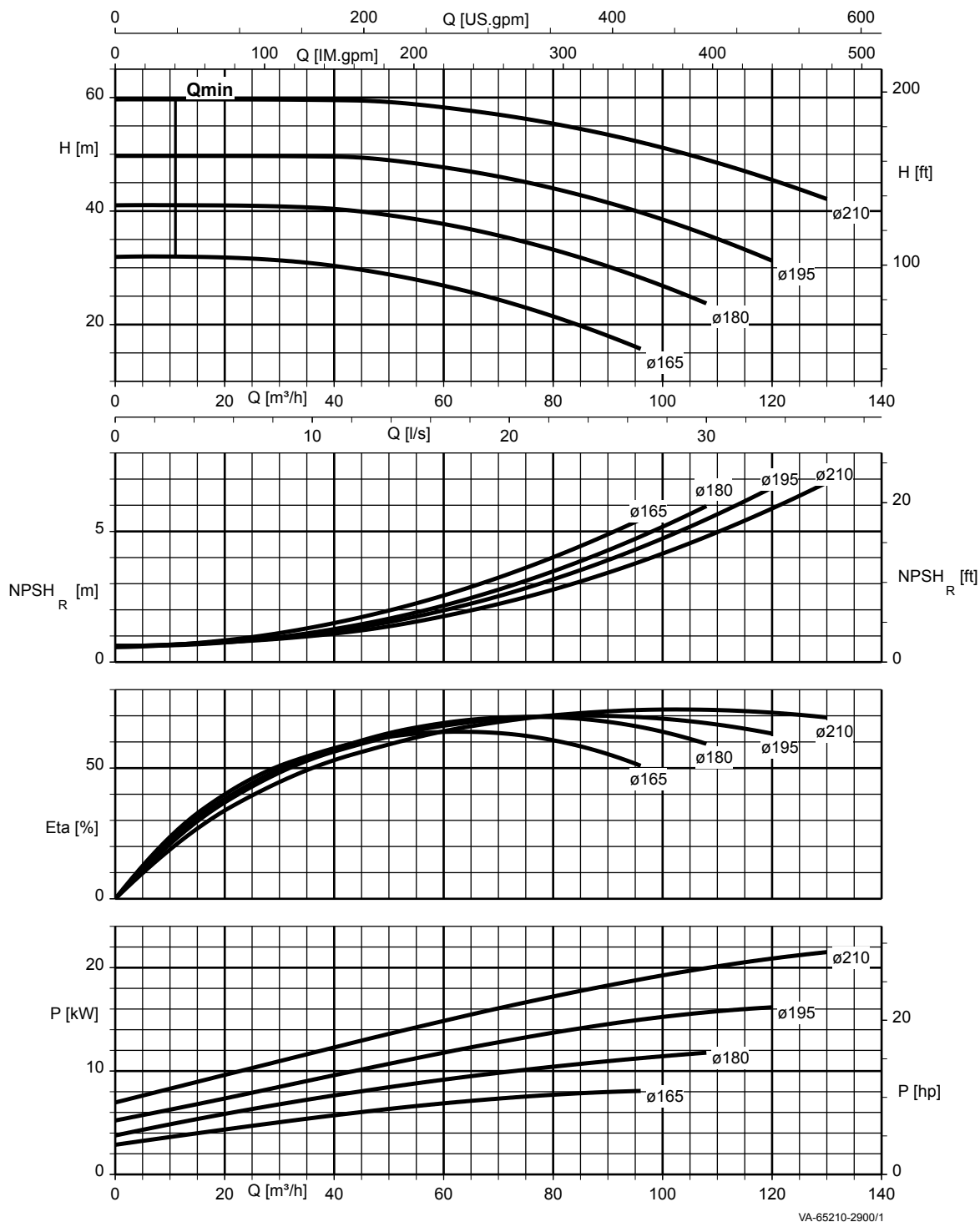
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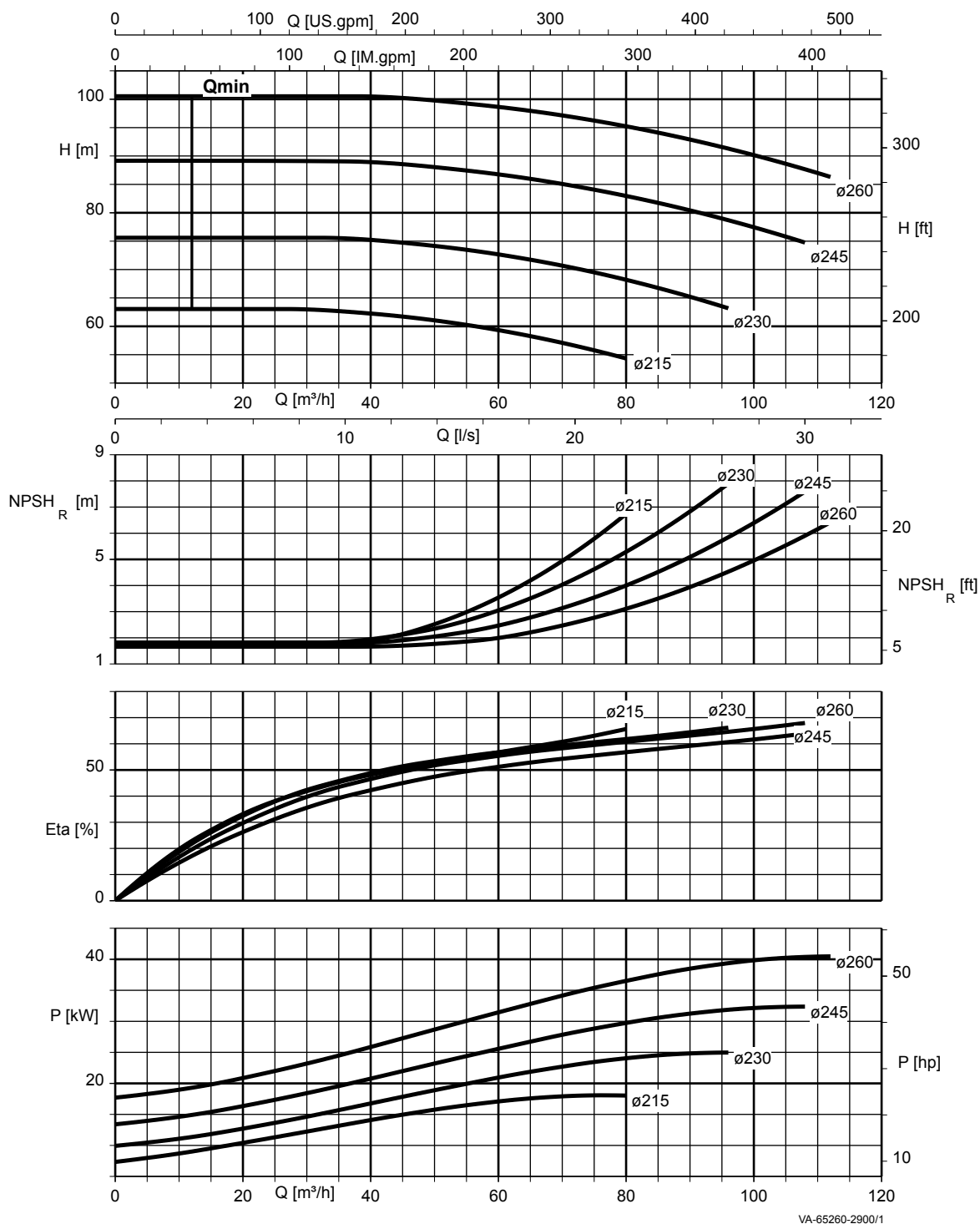
Vitacast 080-065-175, 2900 min⁻¹



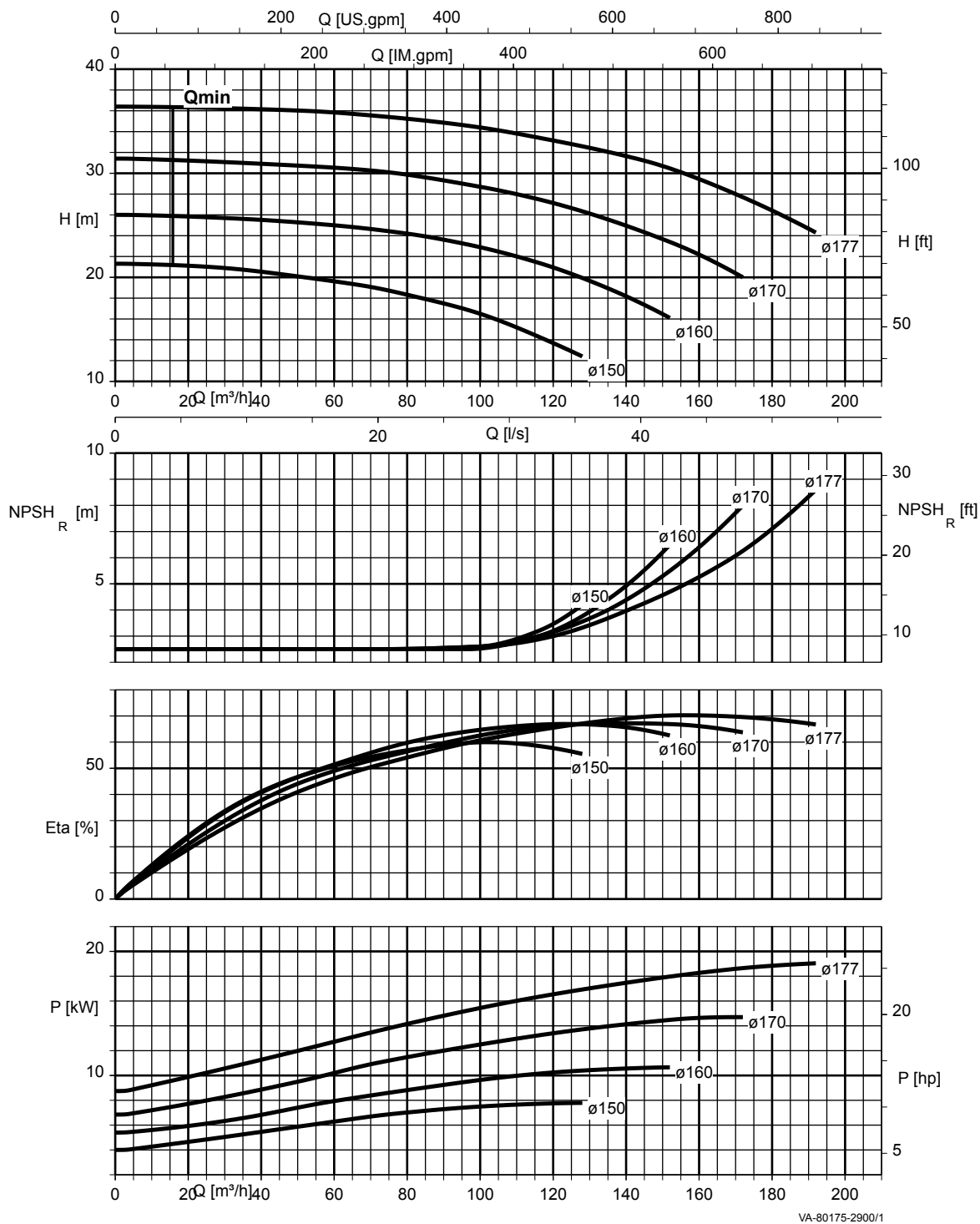
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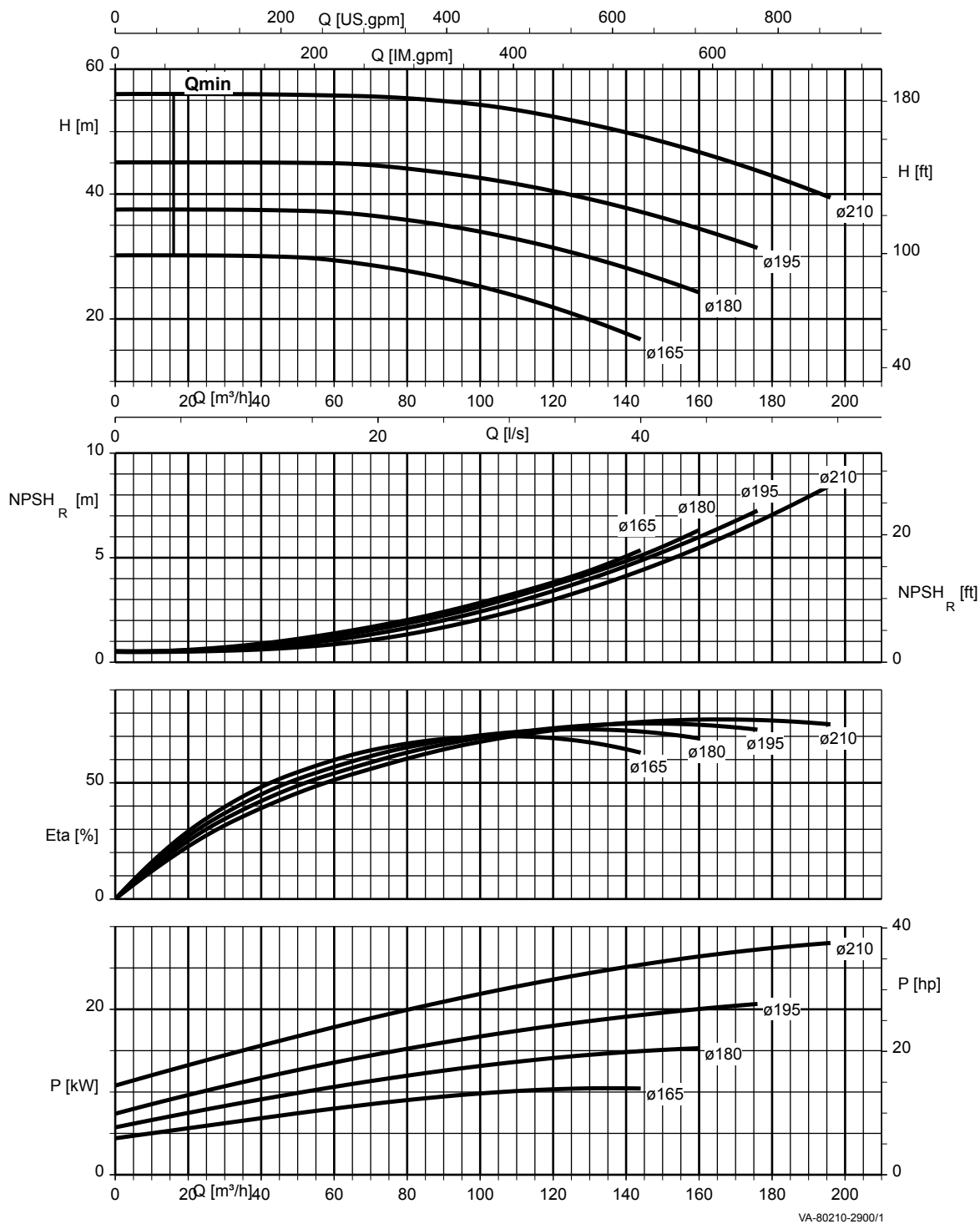
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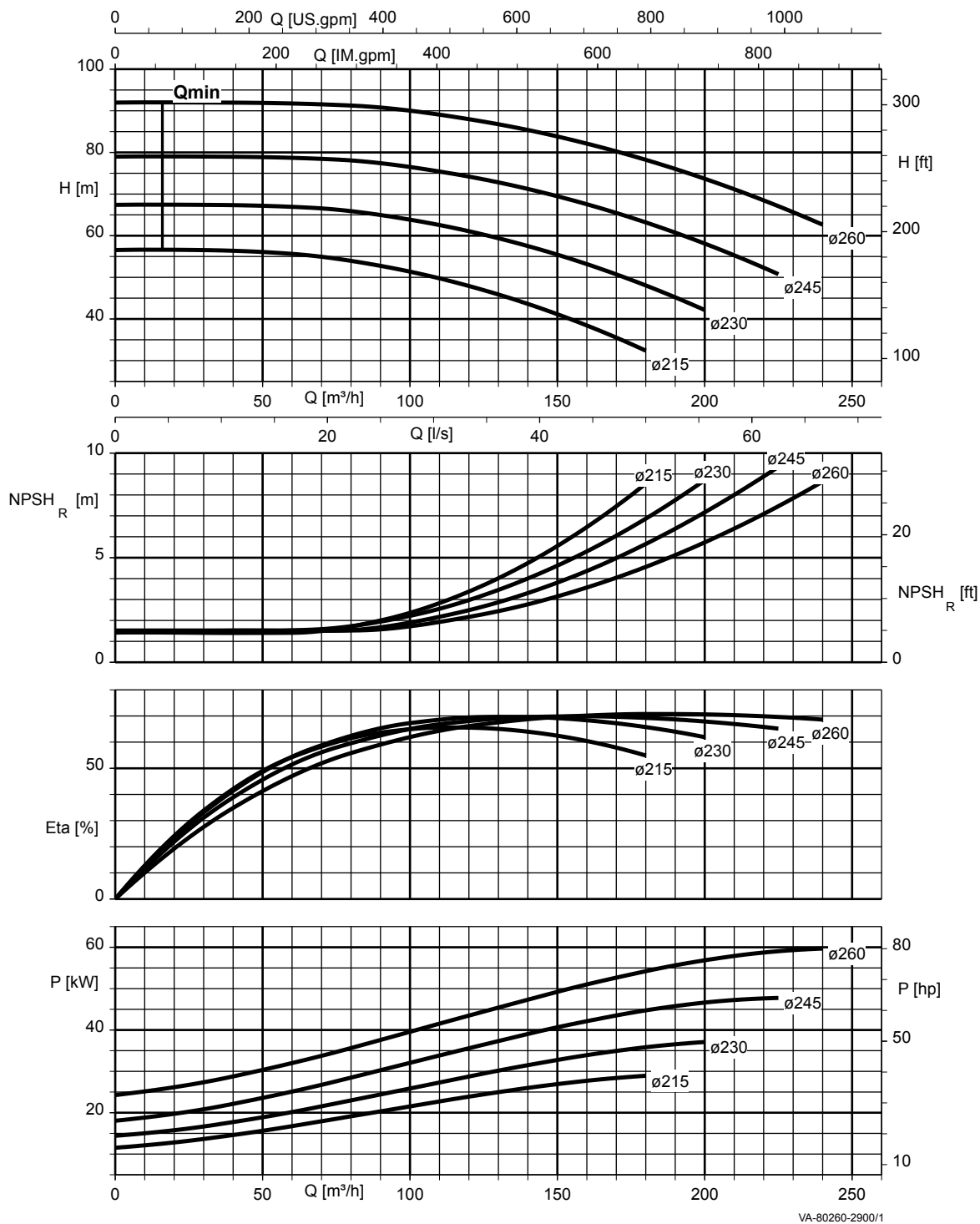
Vitacast 100-080-175, 2900 min⁻¹



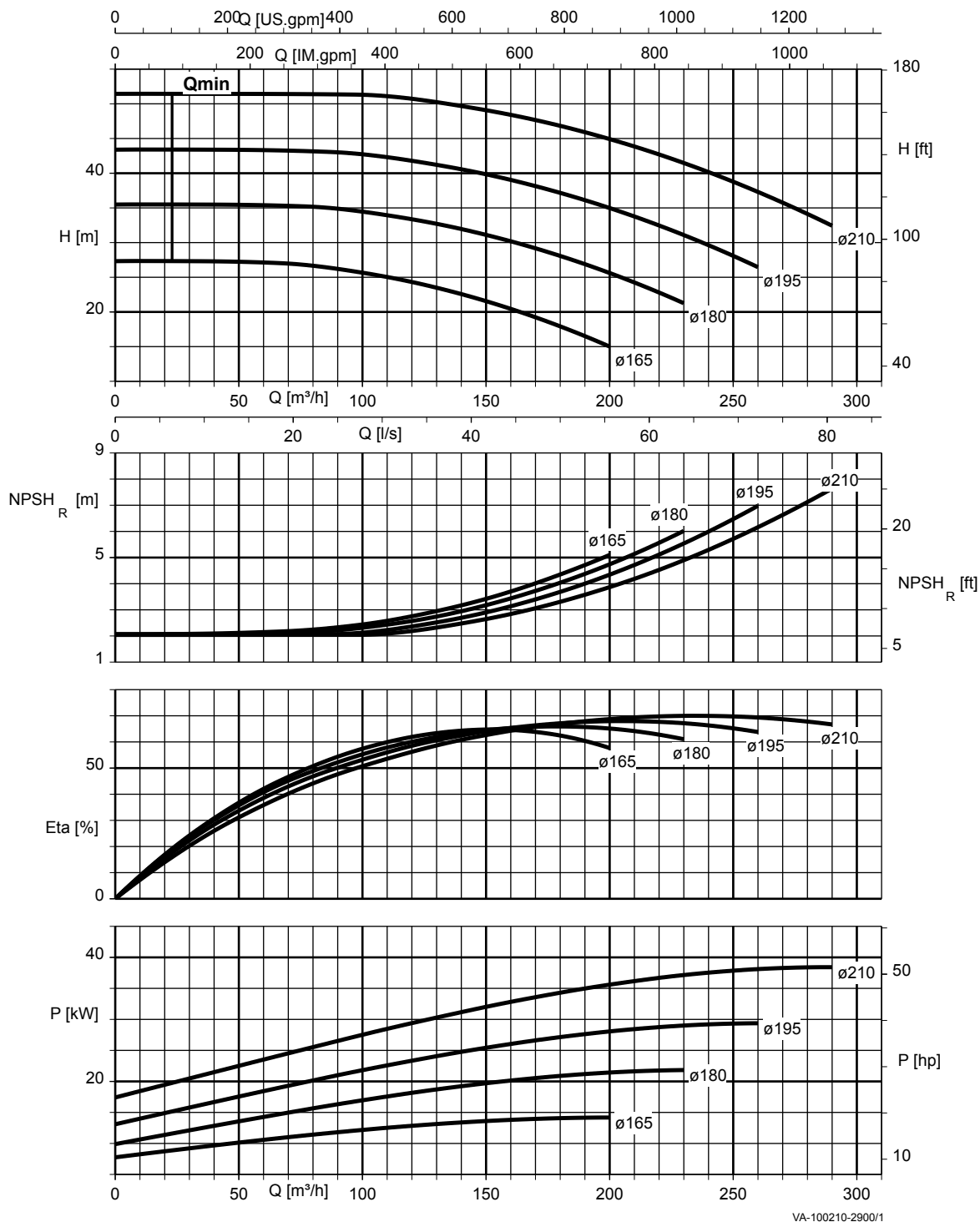
Vitacast 100-080-210, 2900 min⁻¹



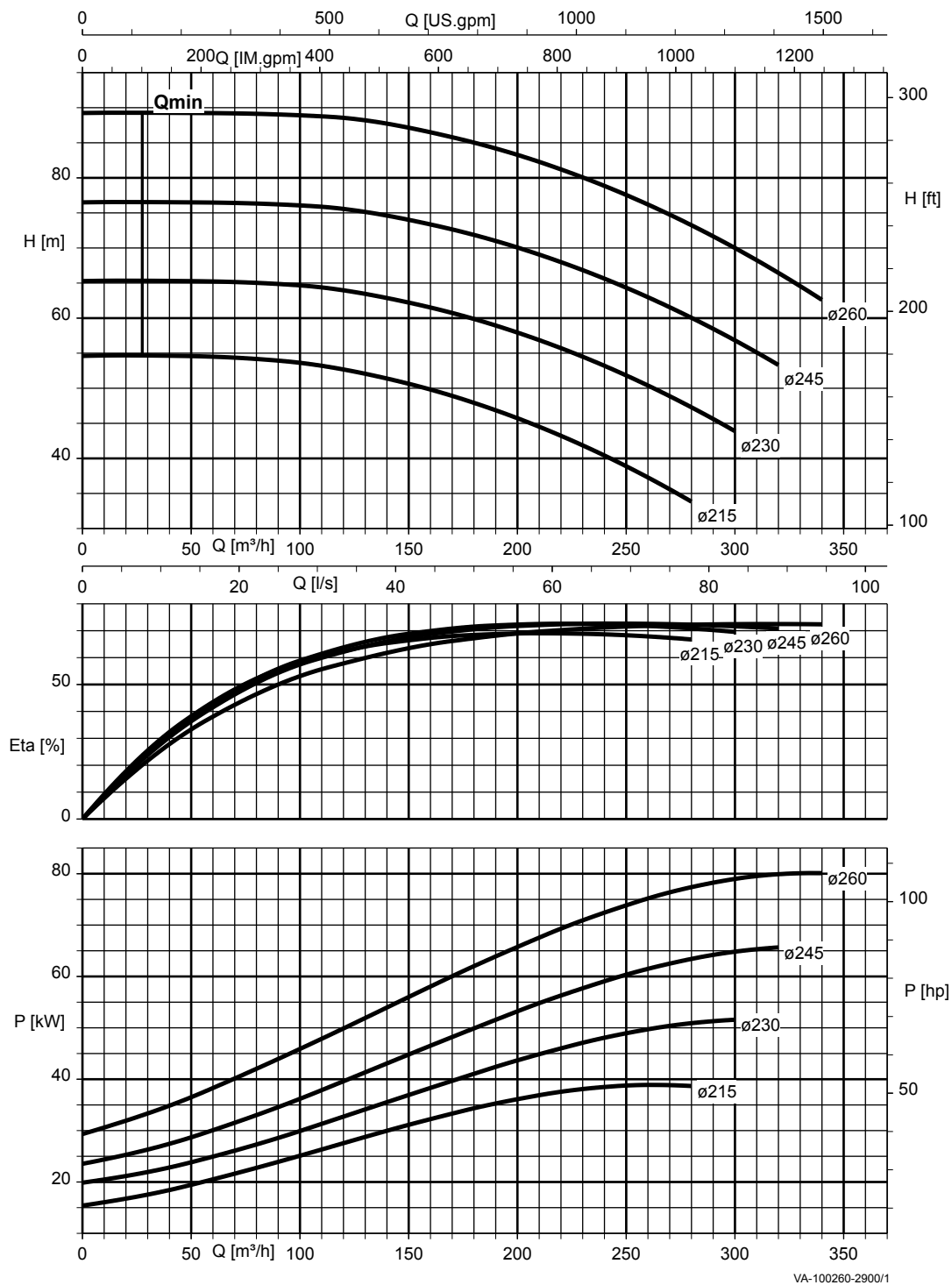
Vitacast 100-080-260, 2900 min⁻¹



Vitacast 125-100-210, 2900 min⁻¹

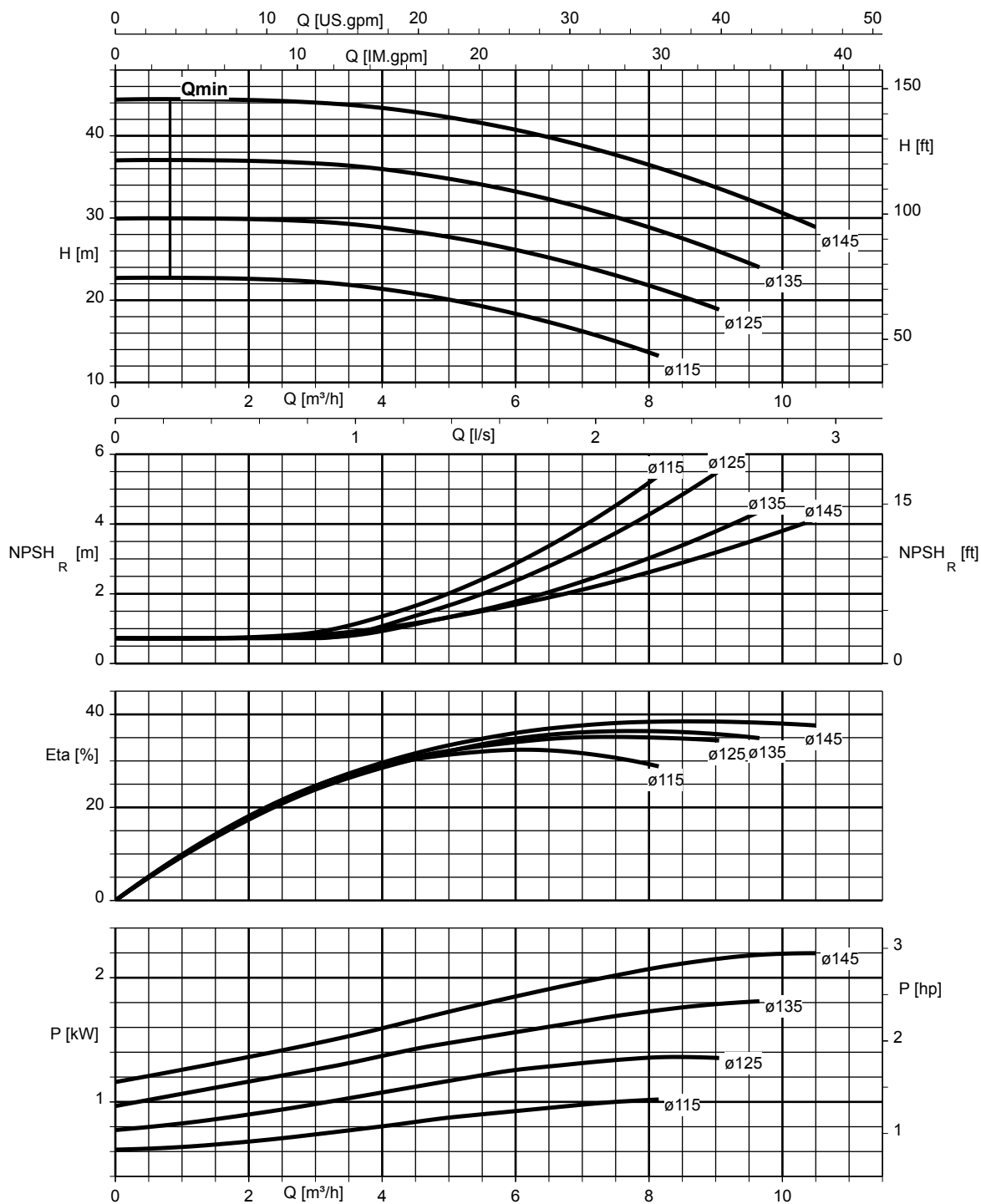


Vitacast 125-100-260, 2900 min⁻¹



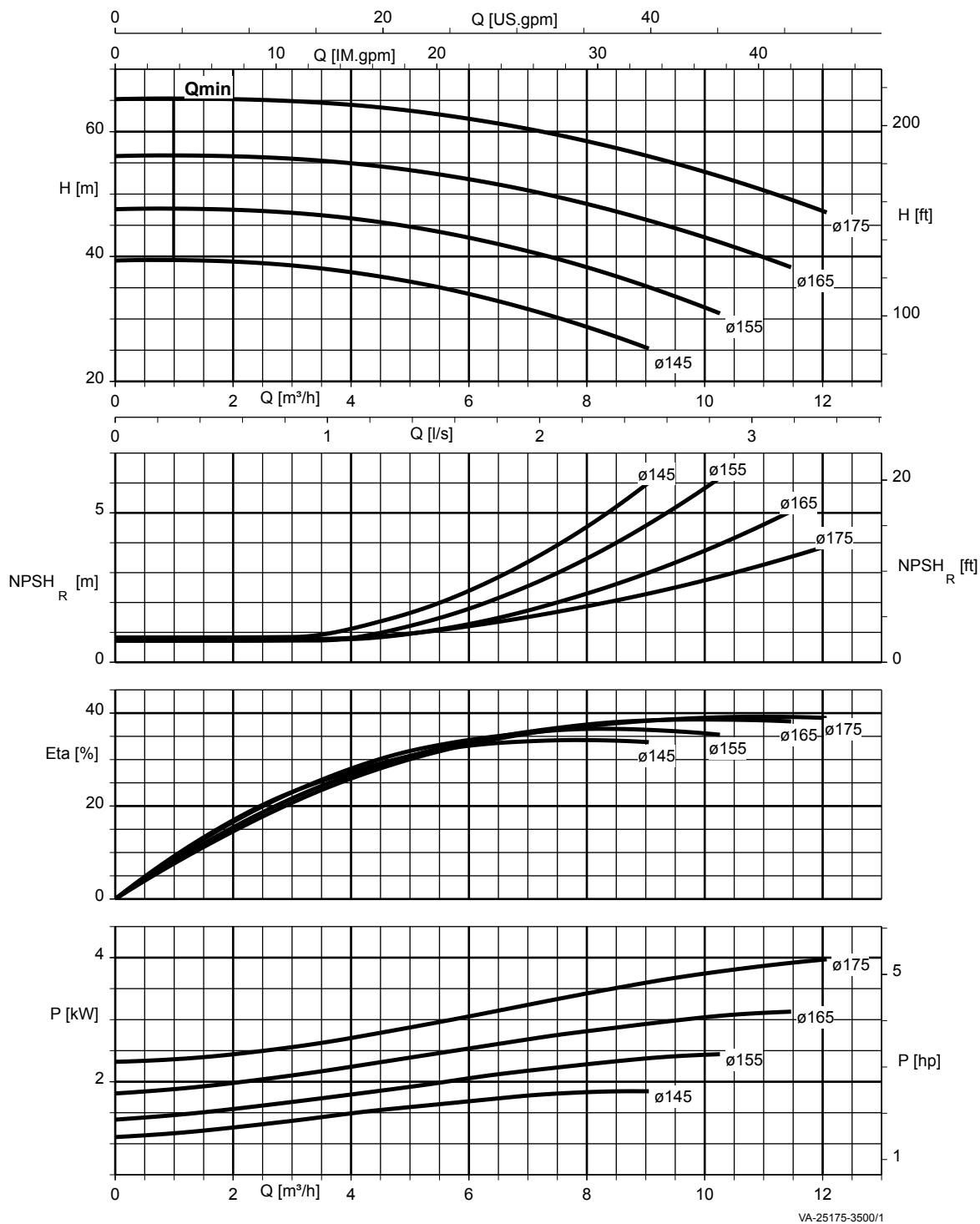
$n = 3500 \text{ min}^{-1}$

Vitacast 032-025-145, 3500 min^{-1}

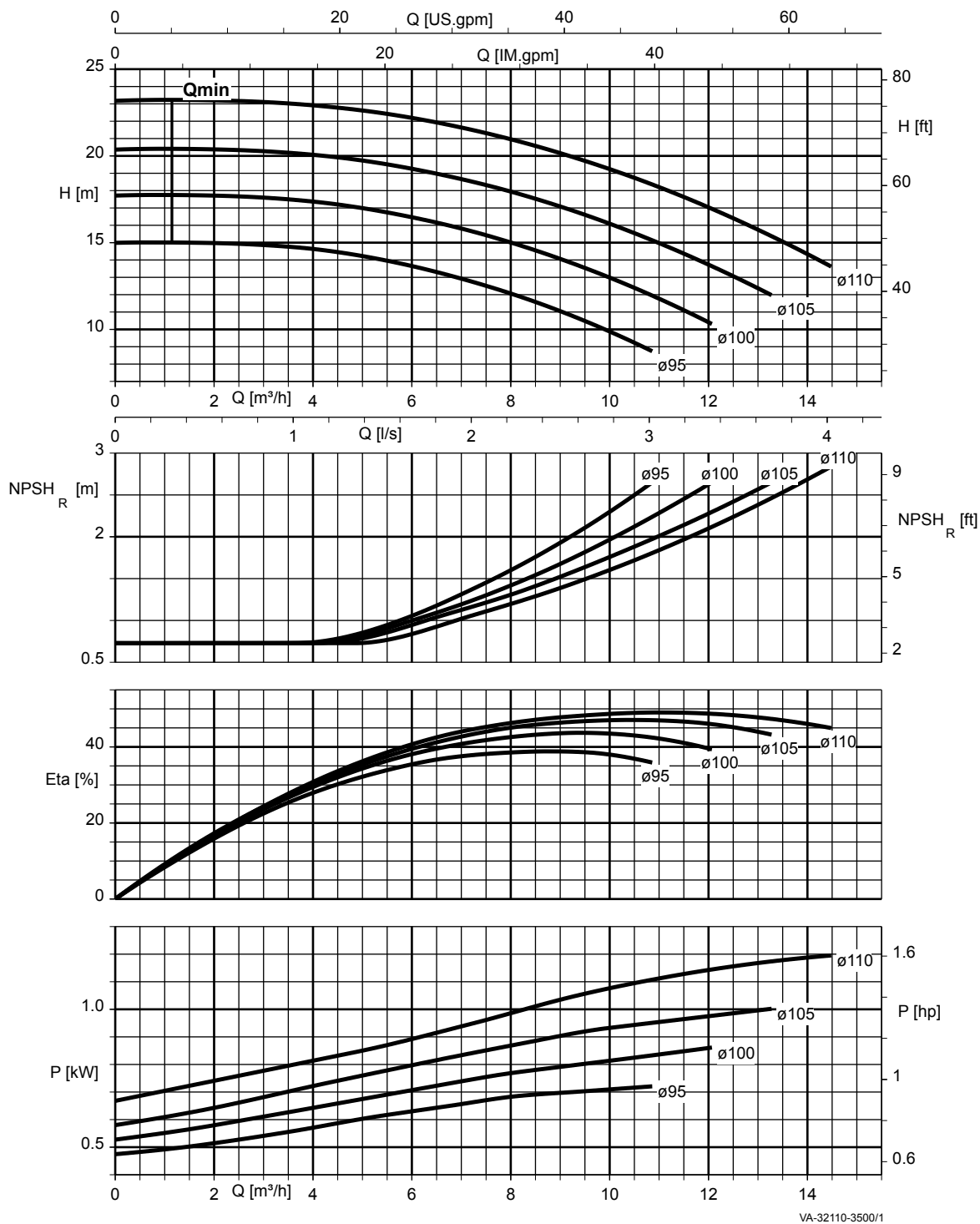


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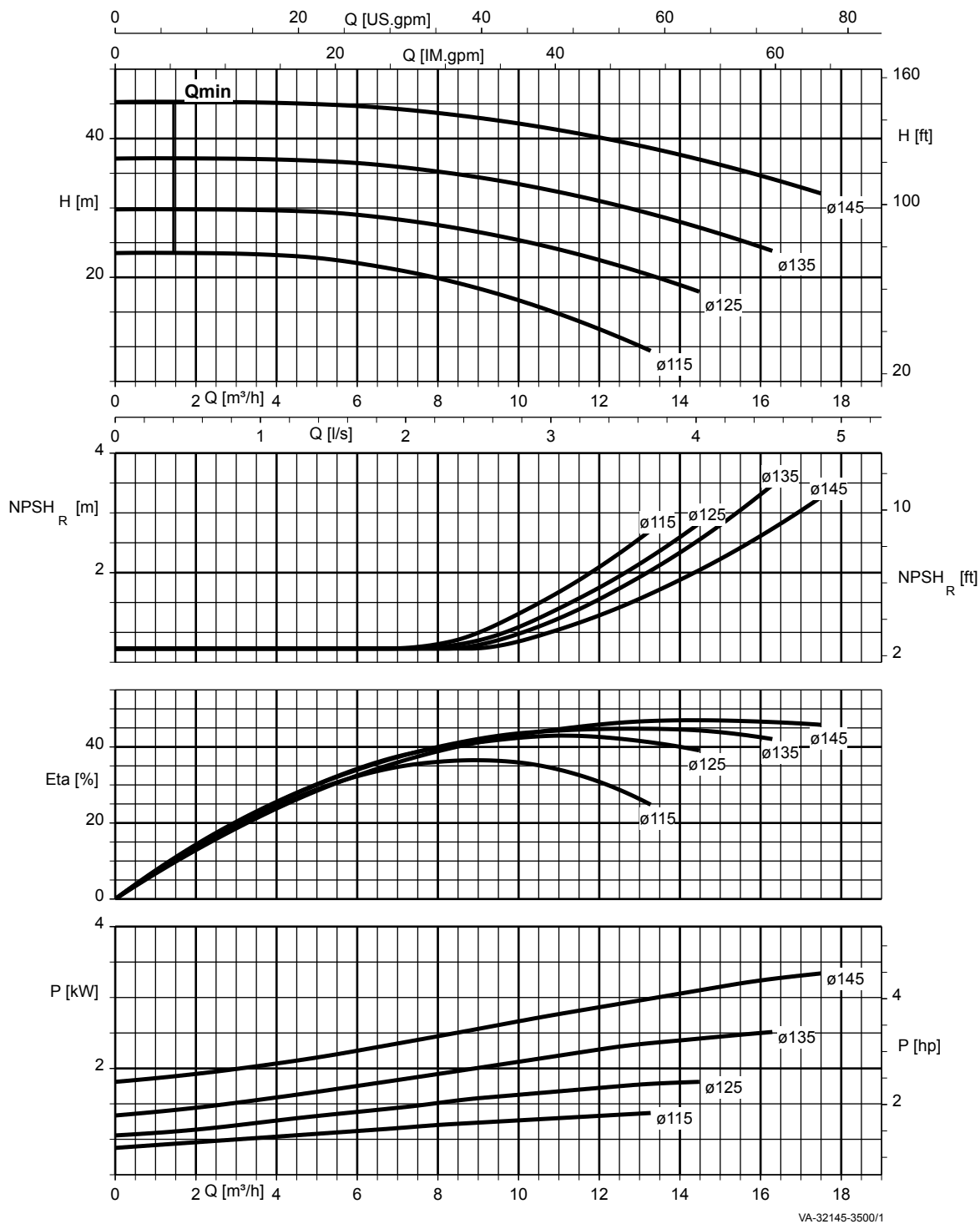
Vitacast 032-025-175, 3500 min⁻¹



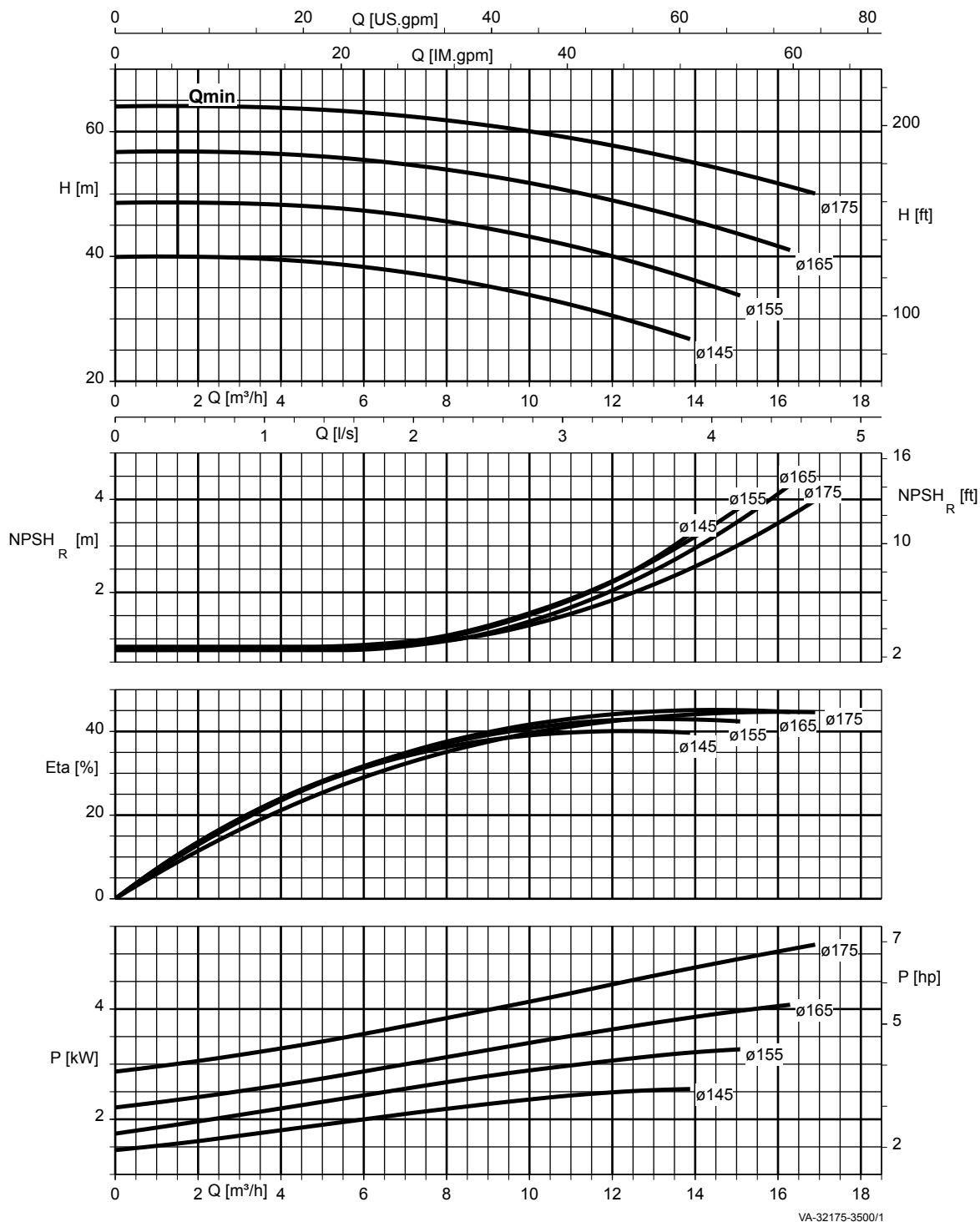
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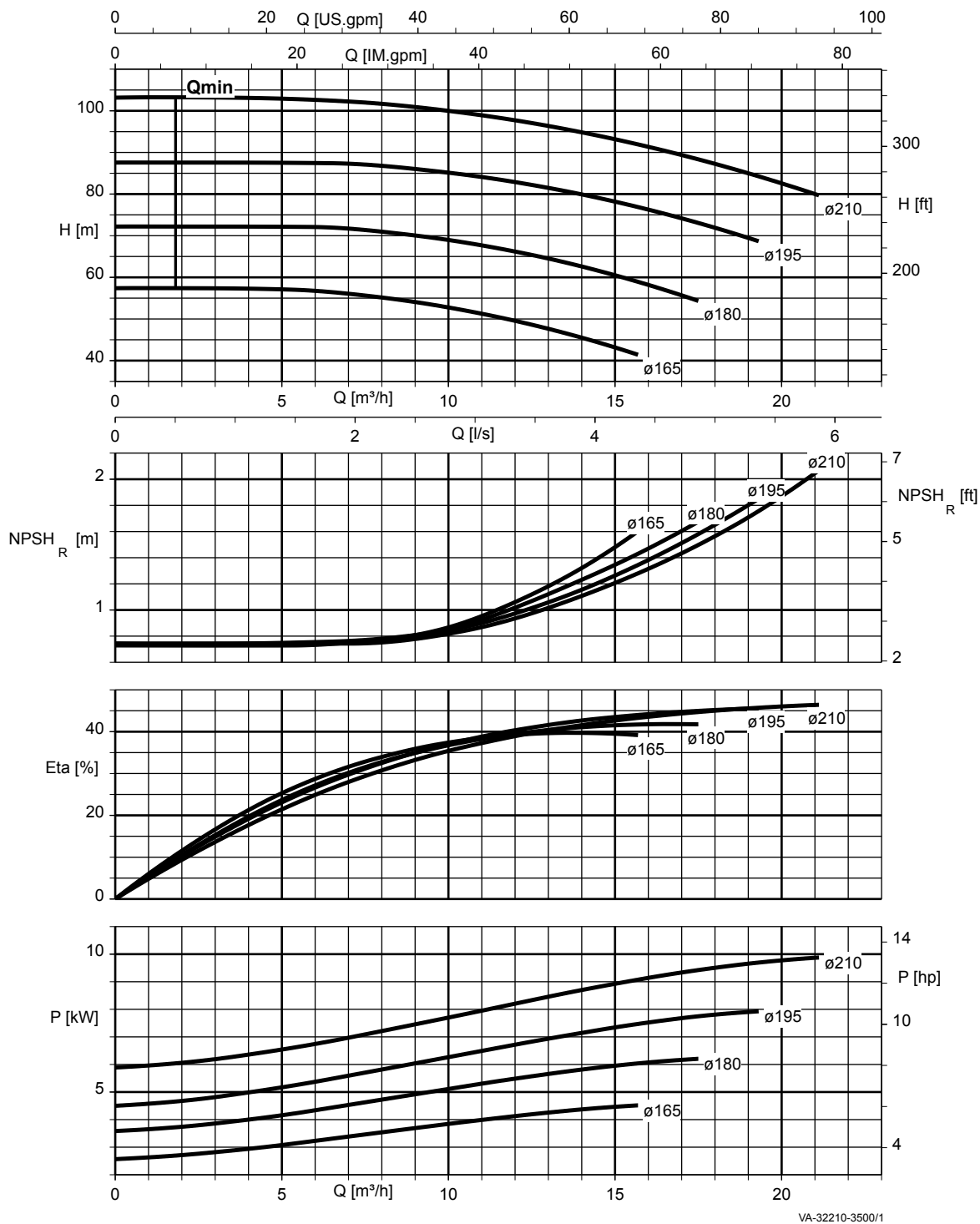
Vitacast 040-032-145, 3500 min⁻¹



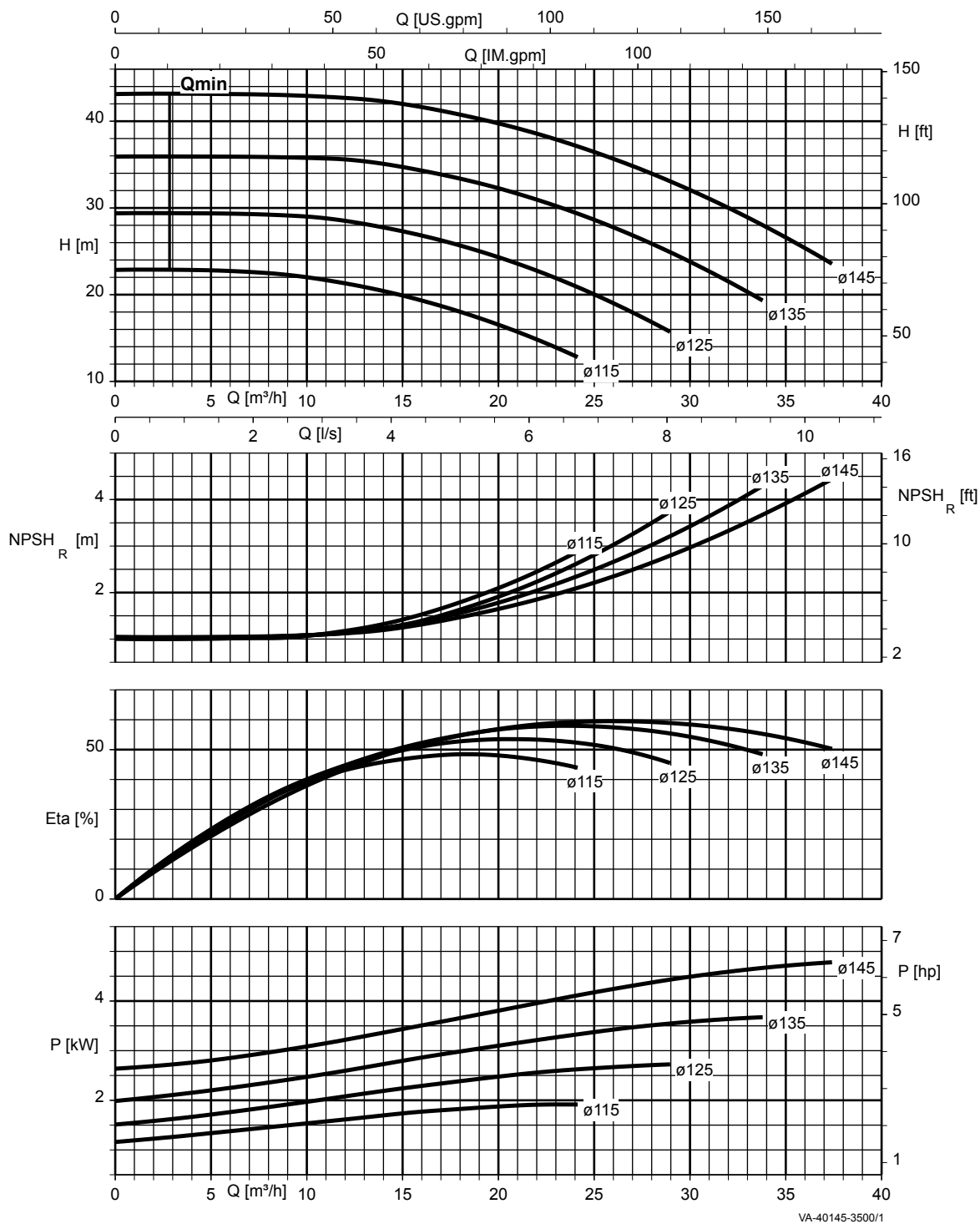
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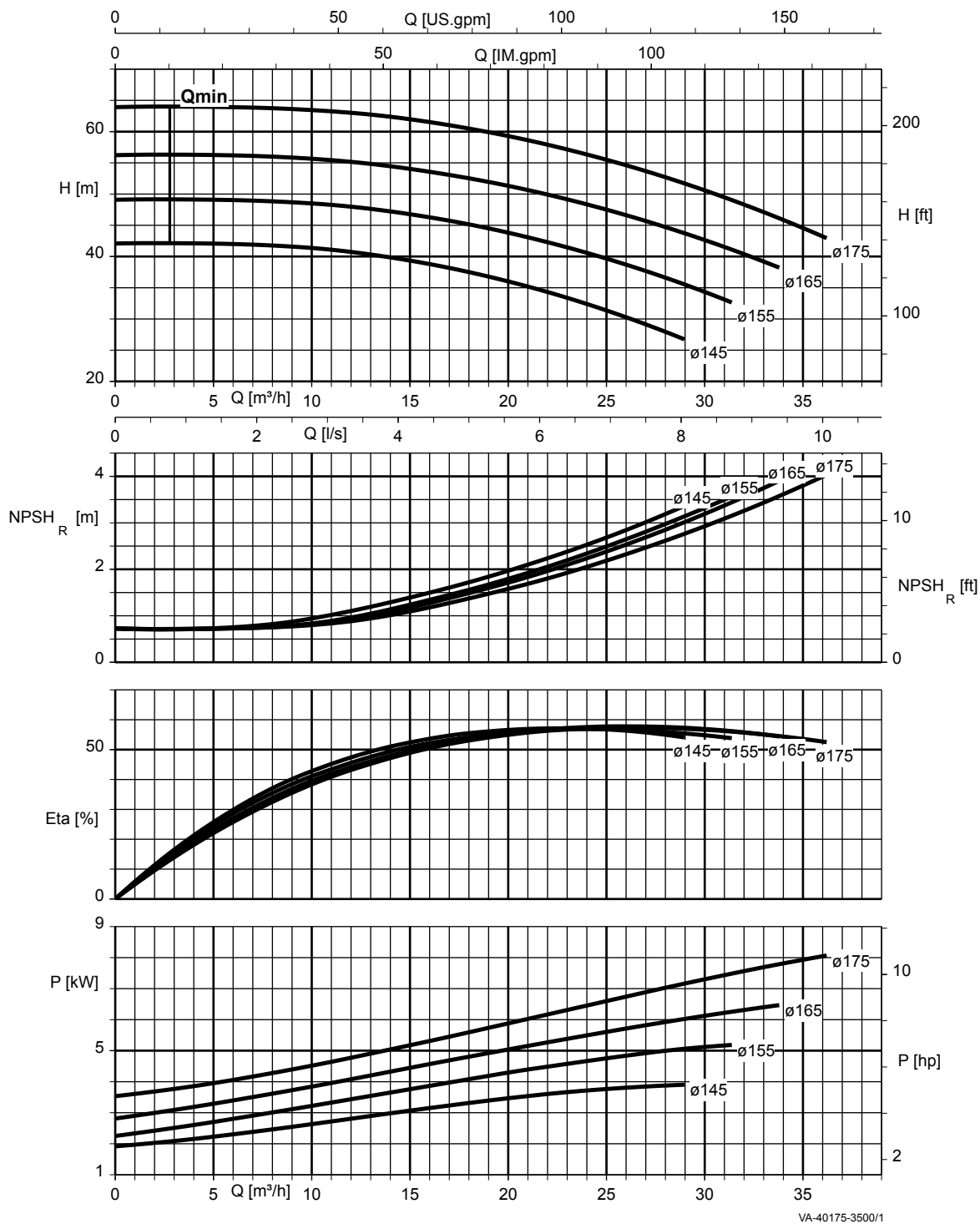
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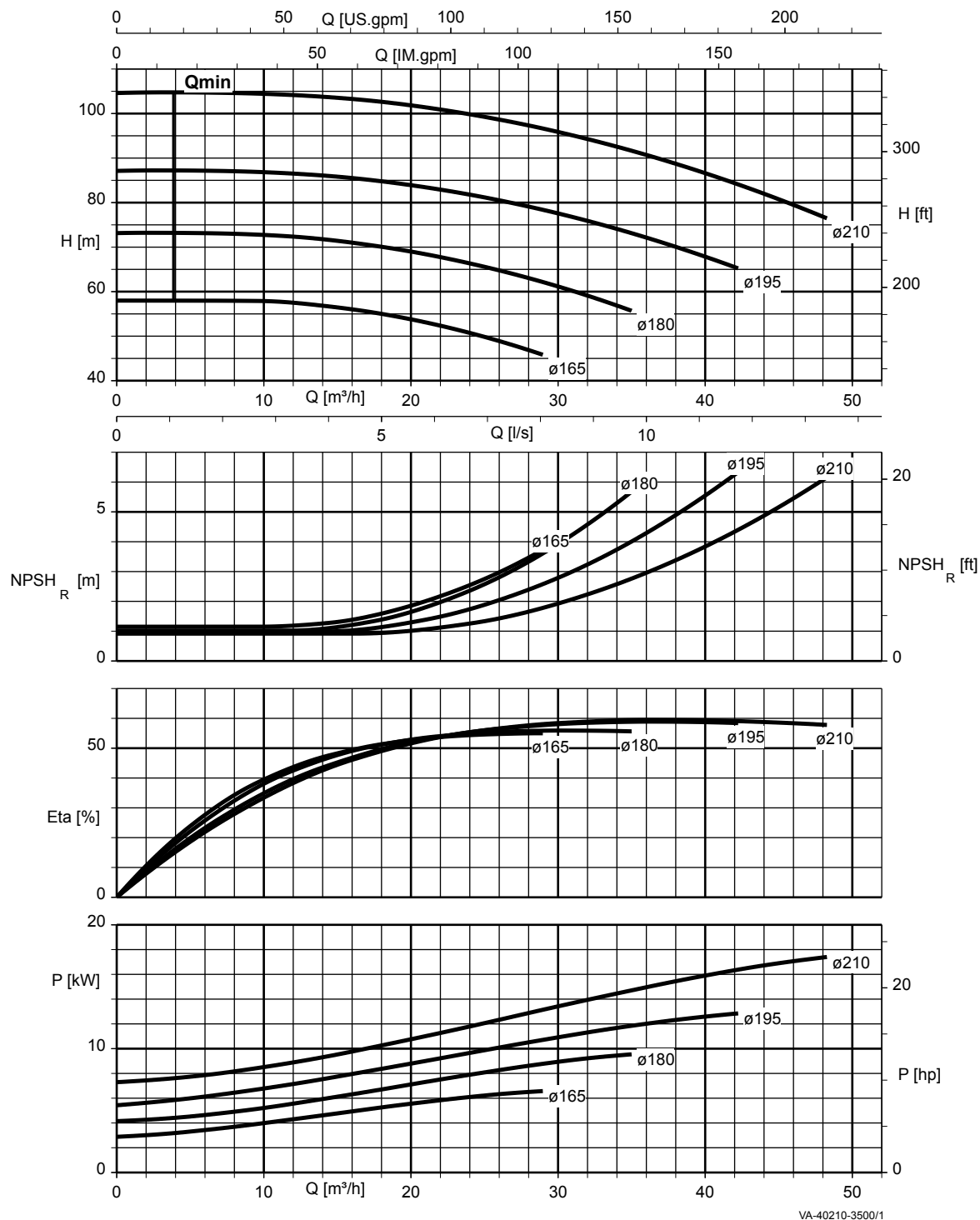
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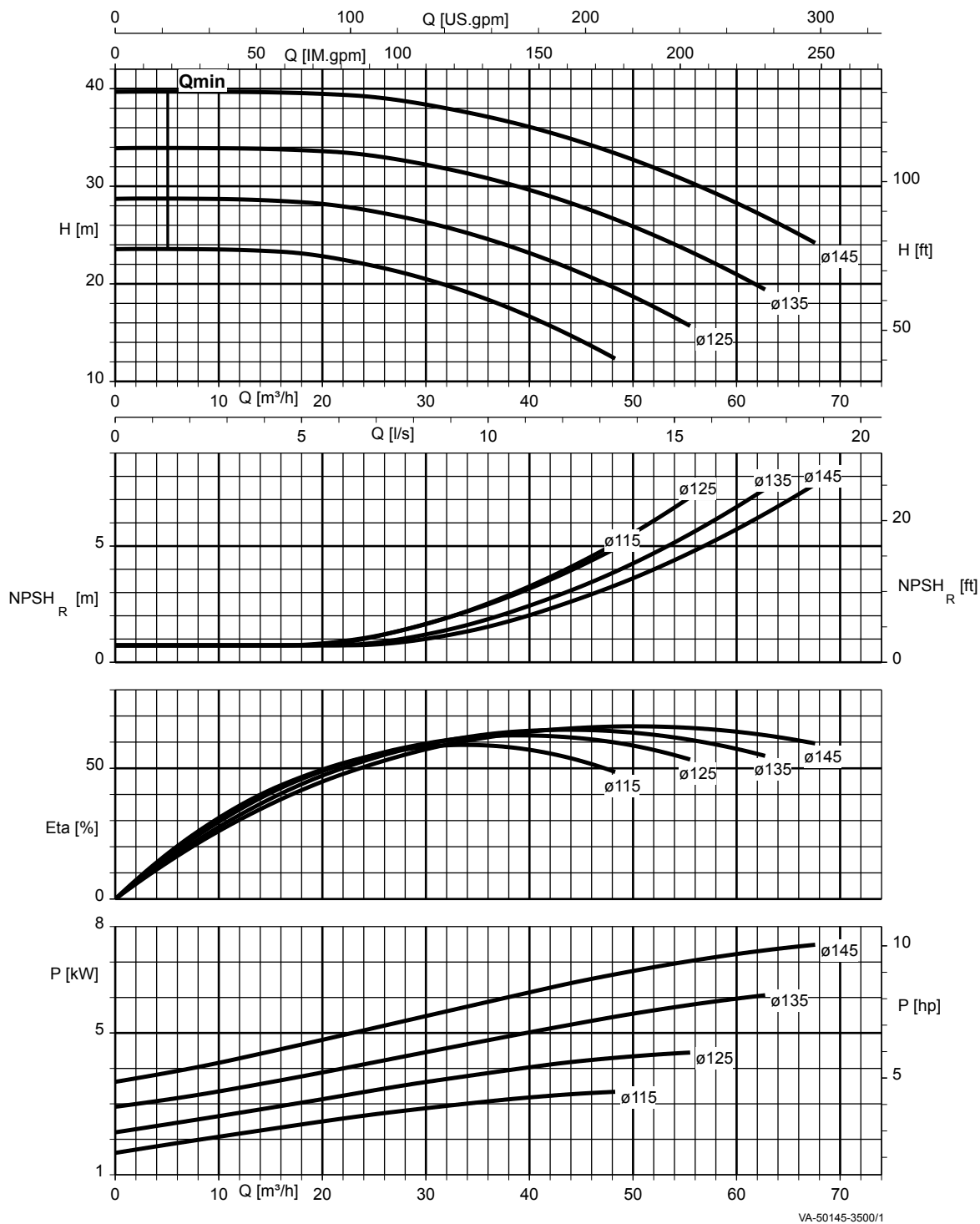
Vitacast 050-040-175, 3500 min⁻¹



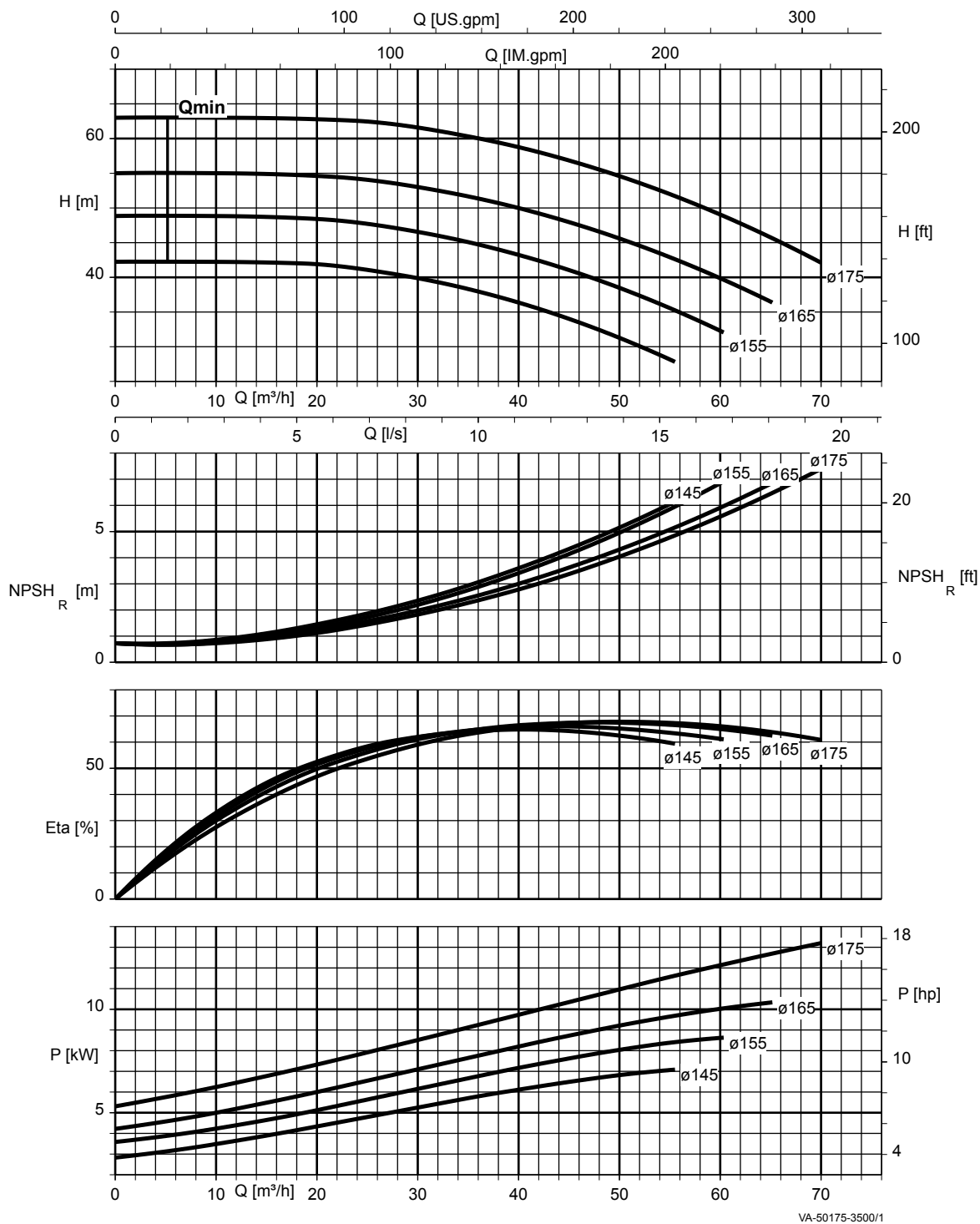
Vitacast 050-040-210, 3500 min⁻¹



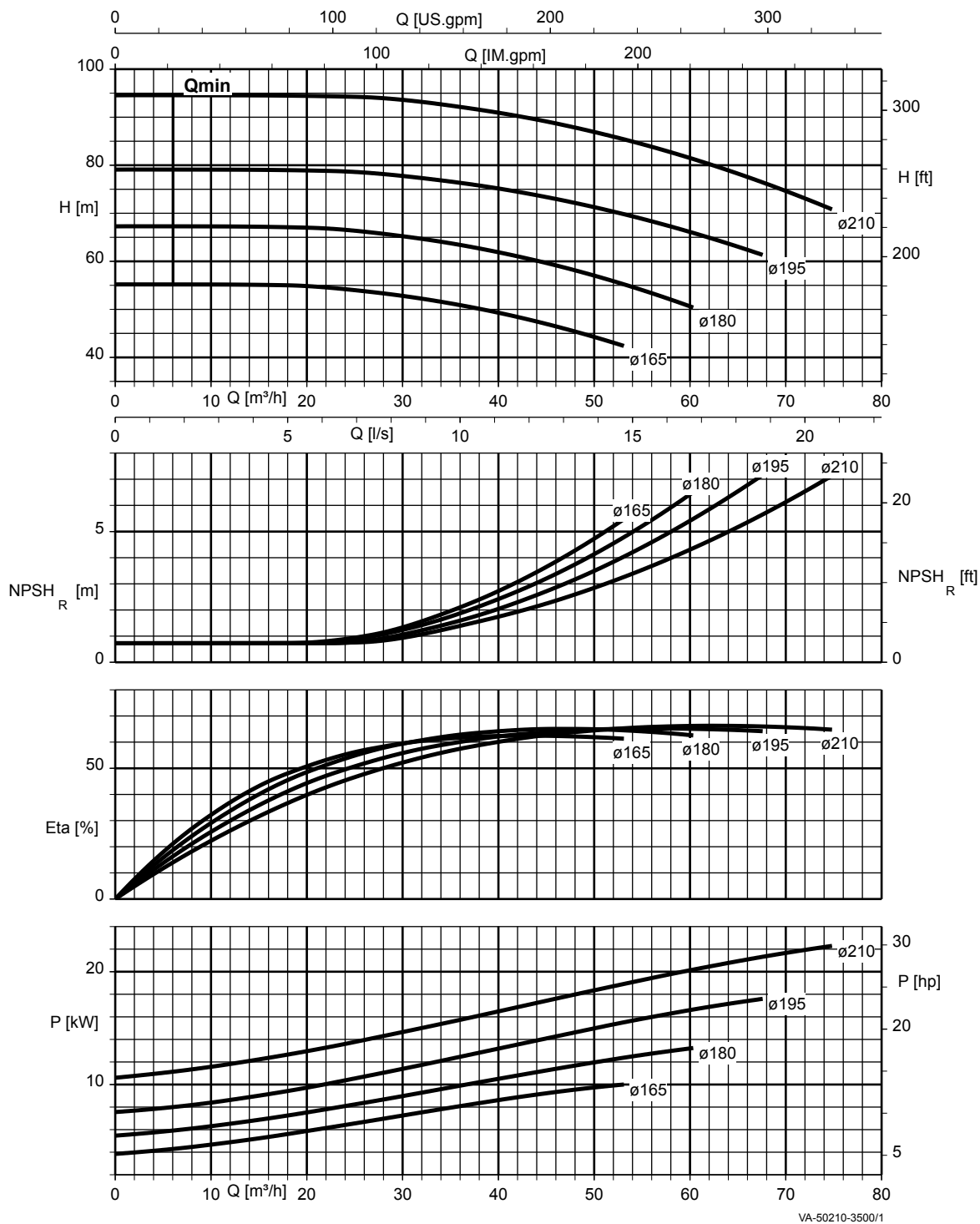
Vitacast 065-050-145, 3500 min⁻¹



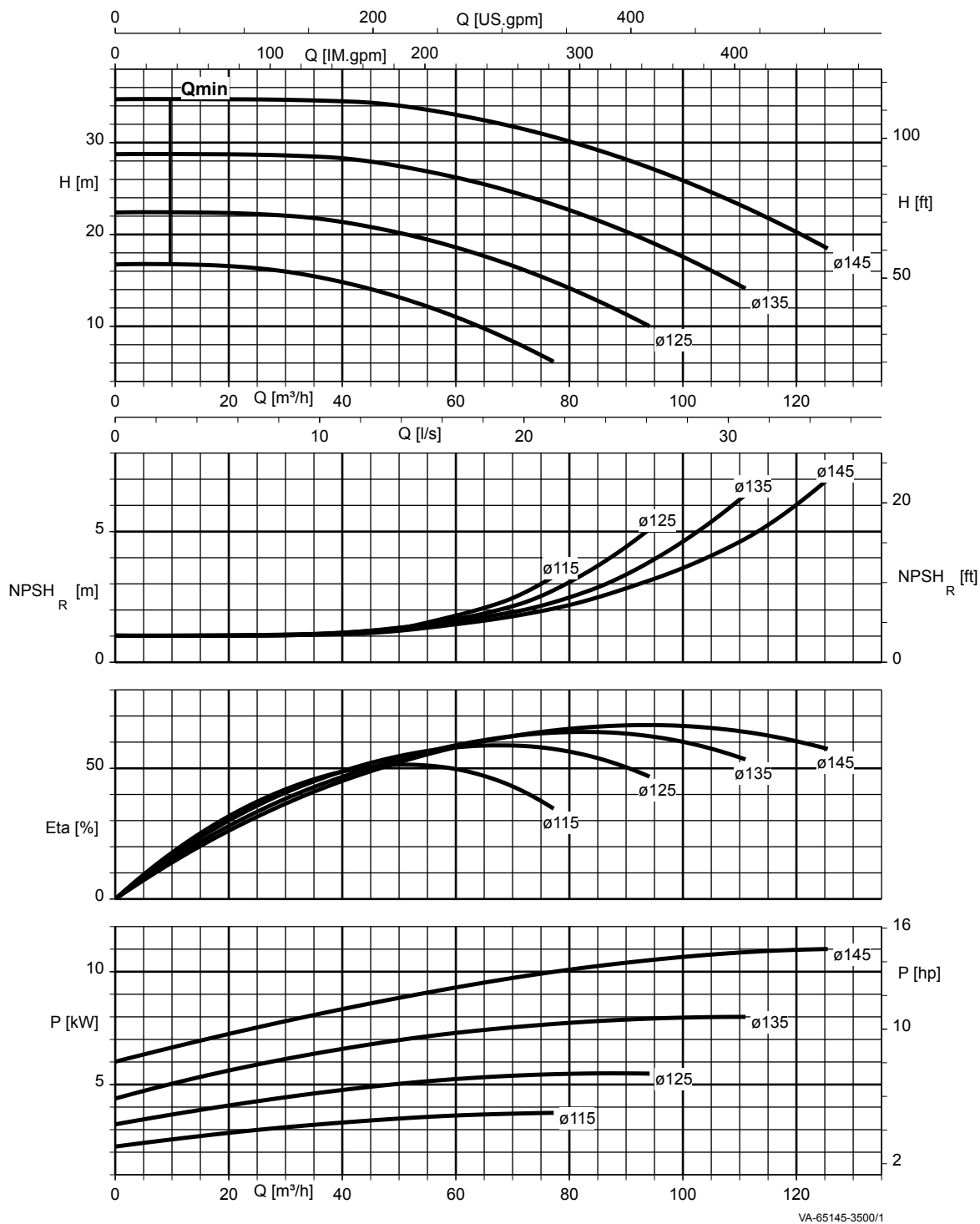
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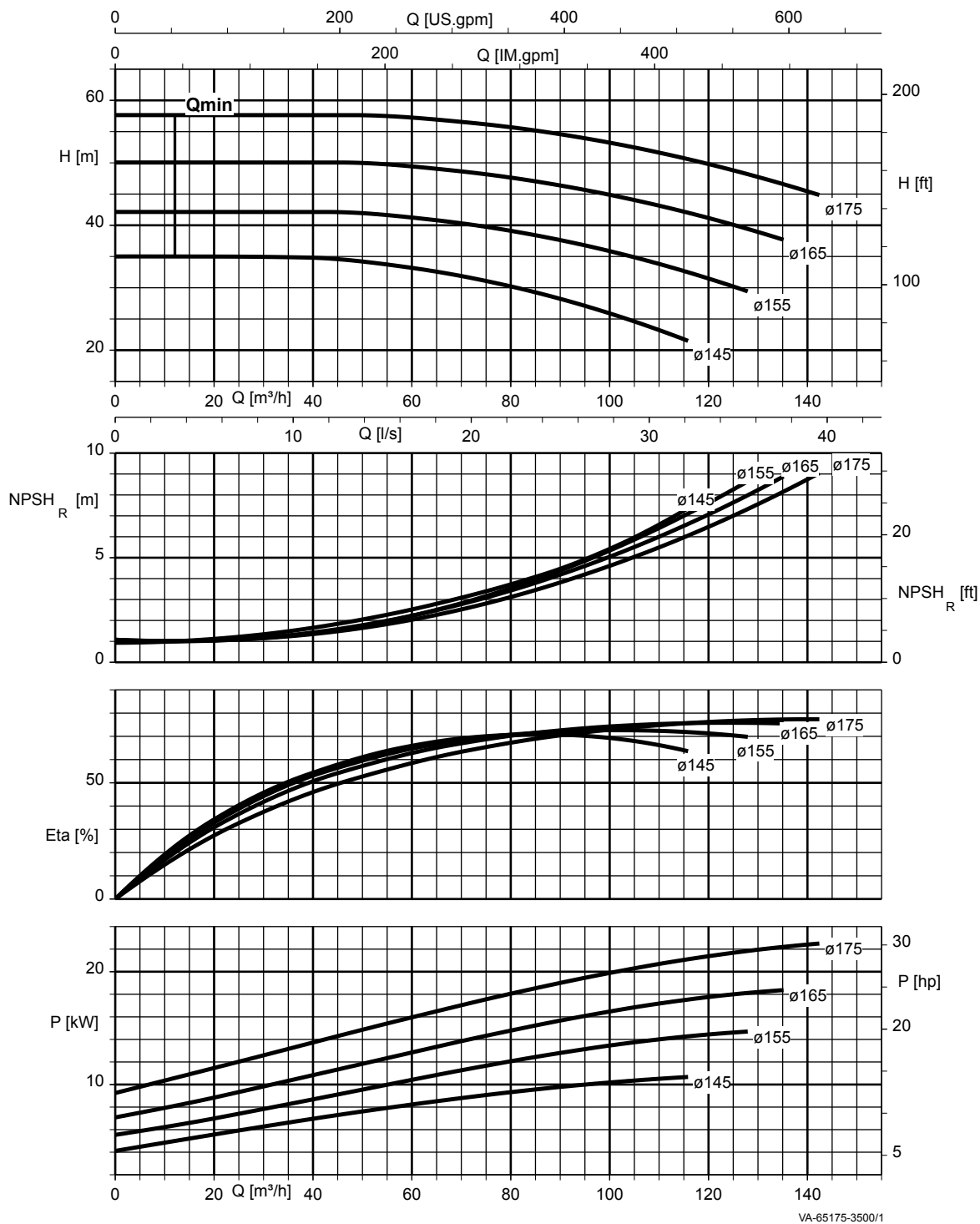
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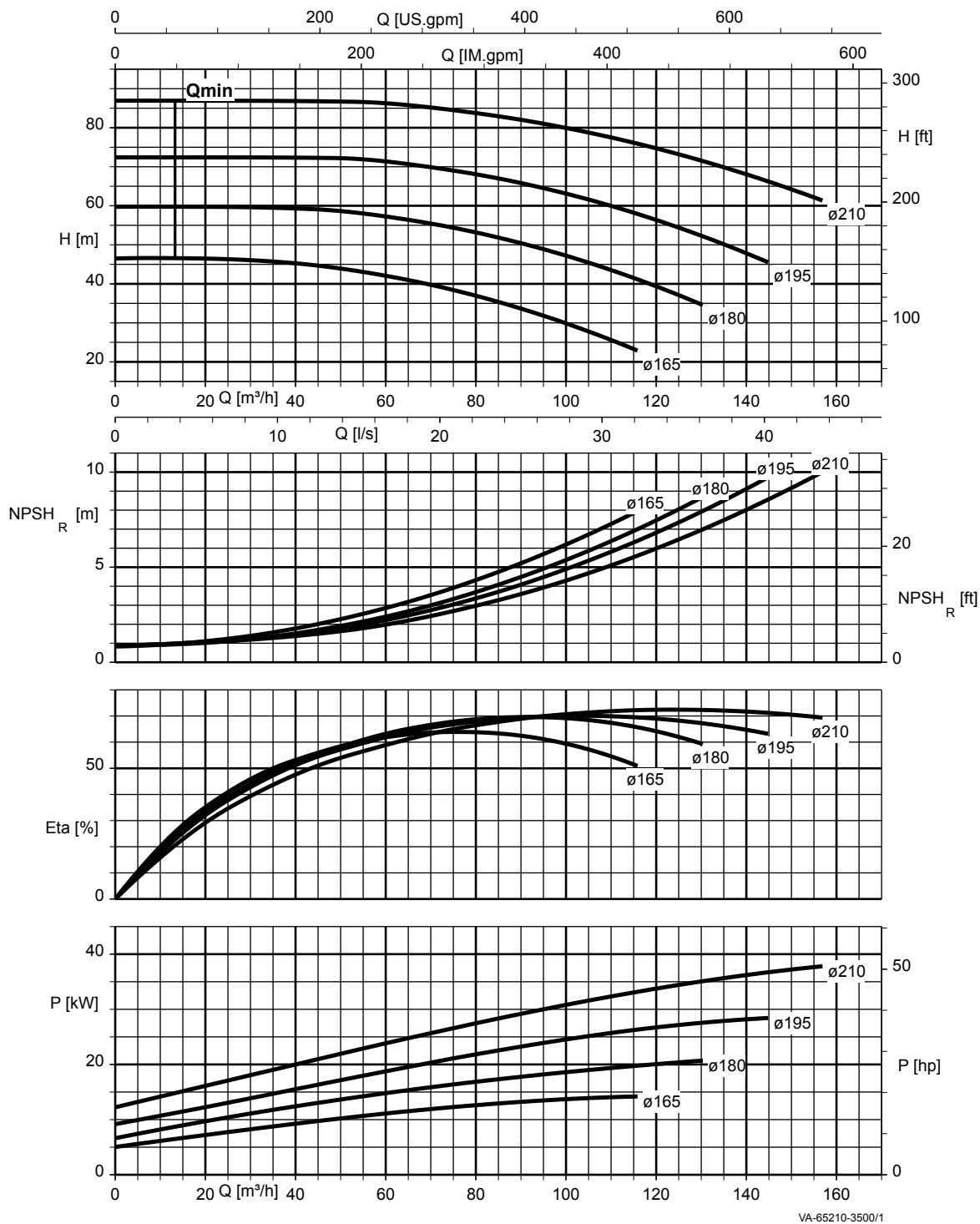
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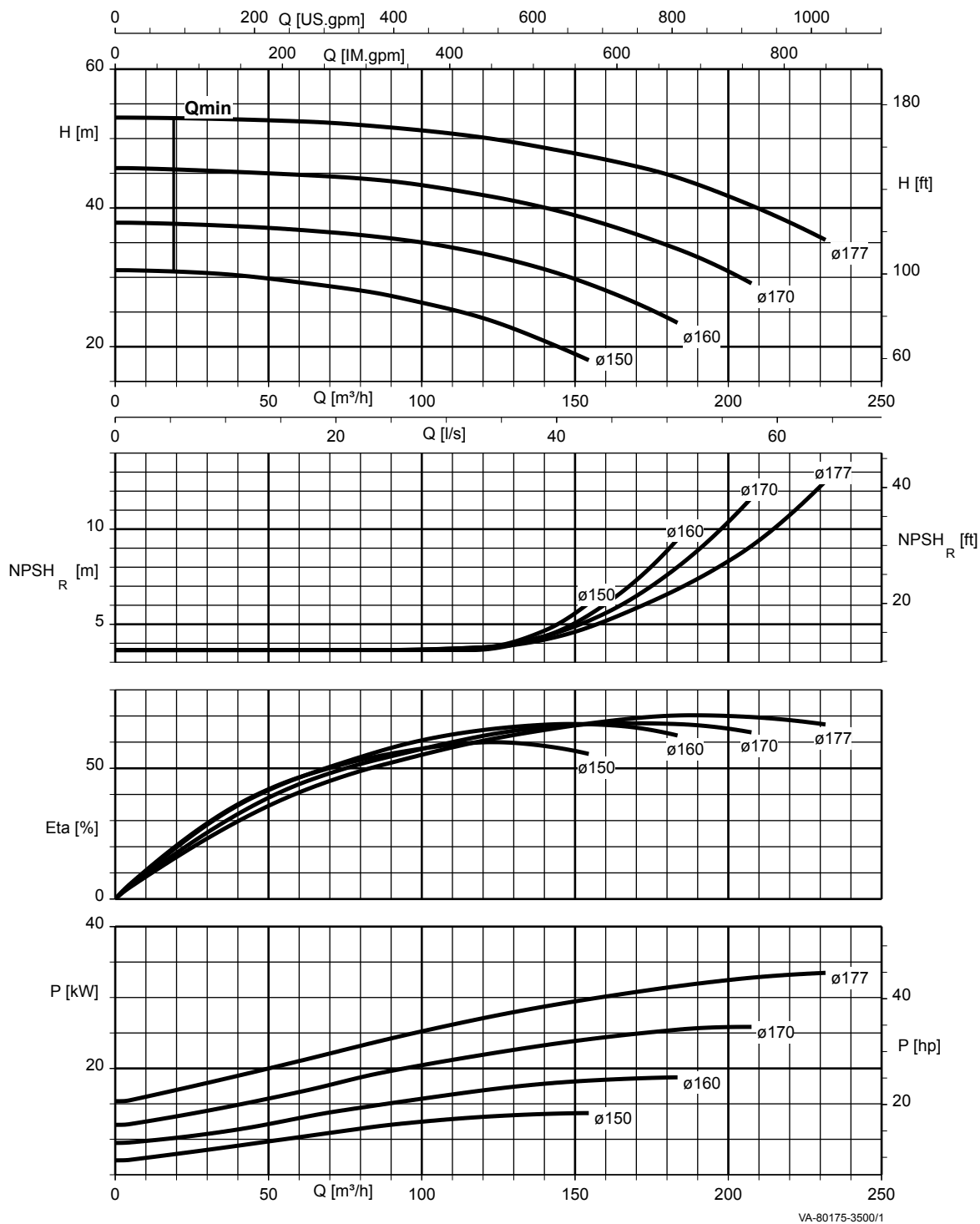
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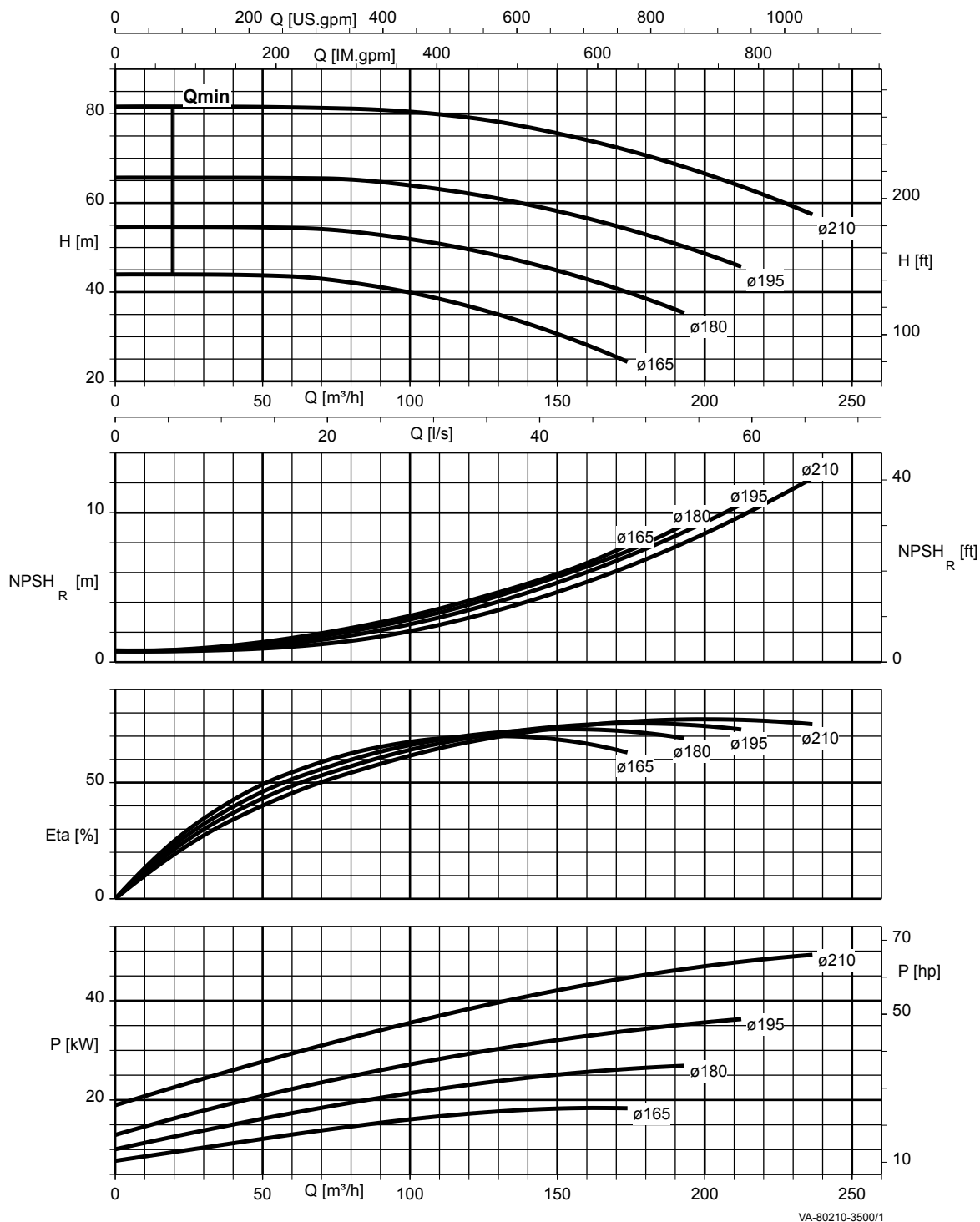
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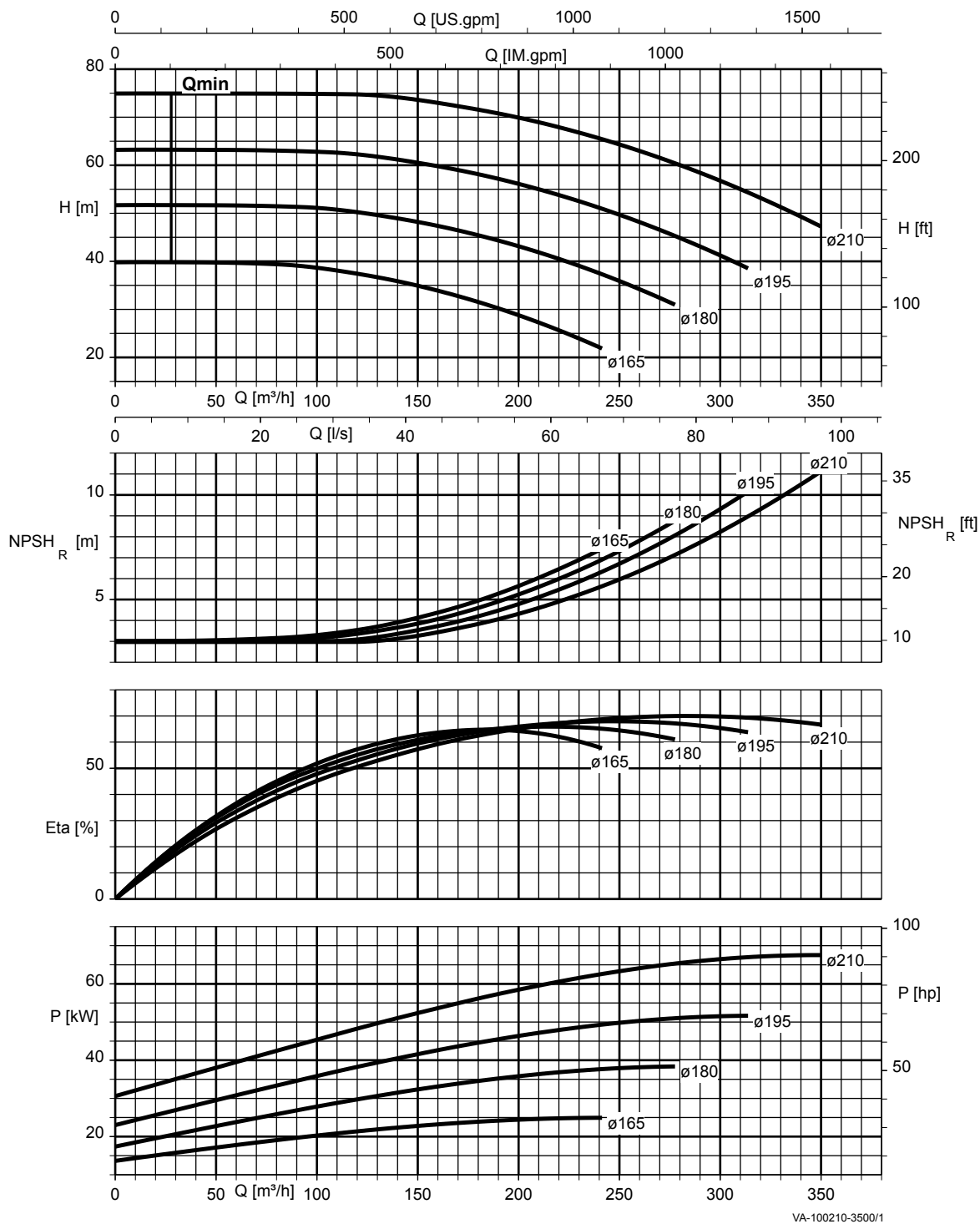
Vitacast 100-080-175, 3500 min⁻¹



Vitacast 100-080-210, 3500 min⁻¹



Vitacast 125-100-210, 3500 min⁻¹





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