Normpumpe / Blockpumpe

Etachrom L / Etachrom B

50 Hz / 60 Hz

Kennlinienheft



Impressum

Kennlinienheft Etachrom L / Etachrom B

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Generell gilt: Technische Änderungen vorbehalten.

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Kreiselpumpen mit Wellendichtung

Ringraumgehäusepumpe/
Ringraumgehäuseblockpumpe

Etachrom L / Etachrom B



Etachrom L



Etachrom B

Allgemein

Die in den Kennlinien angegebenen NPSH-Werte sind Minimalwerte, die der Kavitationsgrenze entsprechen. Sie gelten für entgastes Wasser. Aus Sicherheitsgründen sind daher die Kurvenwerte für die Anwendung um mindestens 0,5 m zu erhöhen.

Abnahmeklasse
Kennlinien gemäß ISO 9906-Klasse 3B

Dichte des Fördermediums
Förderhöhen und Leistungsangaben gelten für Fördermedien mit einer Dichte ρ = 1,0 kg/dm³ und einer kinematischen Viskosität ν bis max. 20 mm²/s. Ist die Dichte ≠ 1,0, muss die Leistungsangabe mit ρ multipliziert werden. Bei Viskosität >20 mm²/s müssen entsprechende Kaltwasserdaten berechnet und der Einfluss auf die Leistung der Pumpe ermittelt werden.

Die Motornennleistungen gelten bei einer Umgebungstemperatur bis 40 °C und einer Aufstellungshöhe bis 1000 m über dem Meeresspiegel.

Antrieb

- KSB-IEC-Normmotor mit IE2 (ab 0,75 kW)
- Bauart V1 ≤ 4 kW
- Bauart V15 > 4 kW
- Wicklung 50 Hz, 220-240 V / 380-420 V ≤ 2,20 kW
- Wicklung 50 Hz, 380-420 V / 660-725 V ≥ 3,00 kW
- Wicklung 60 Hz, 3~ 440-480 V ≥ 2.41 hp (1,80 kW)
- Schutzart IP55
- Wärmeklasse F

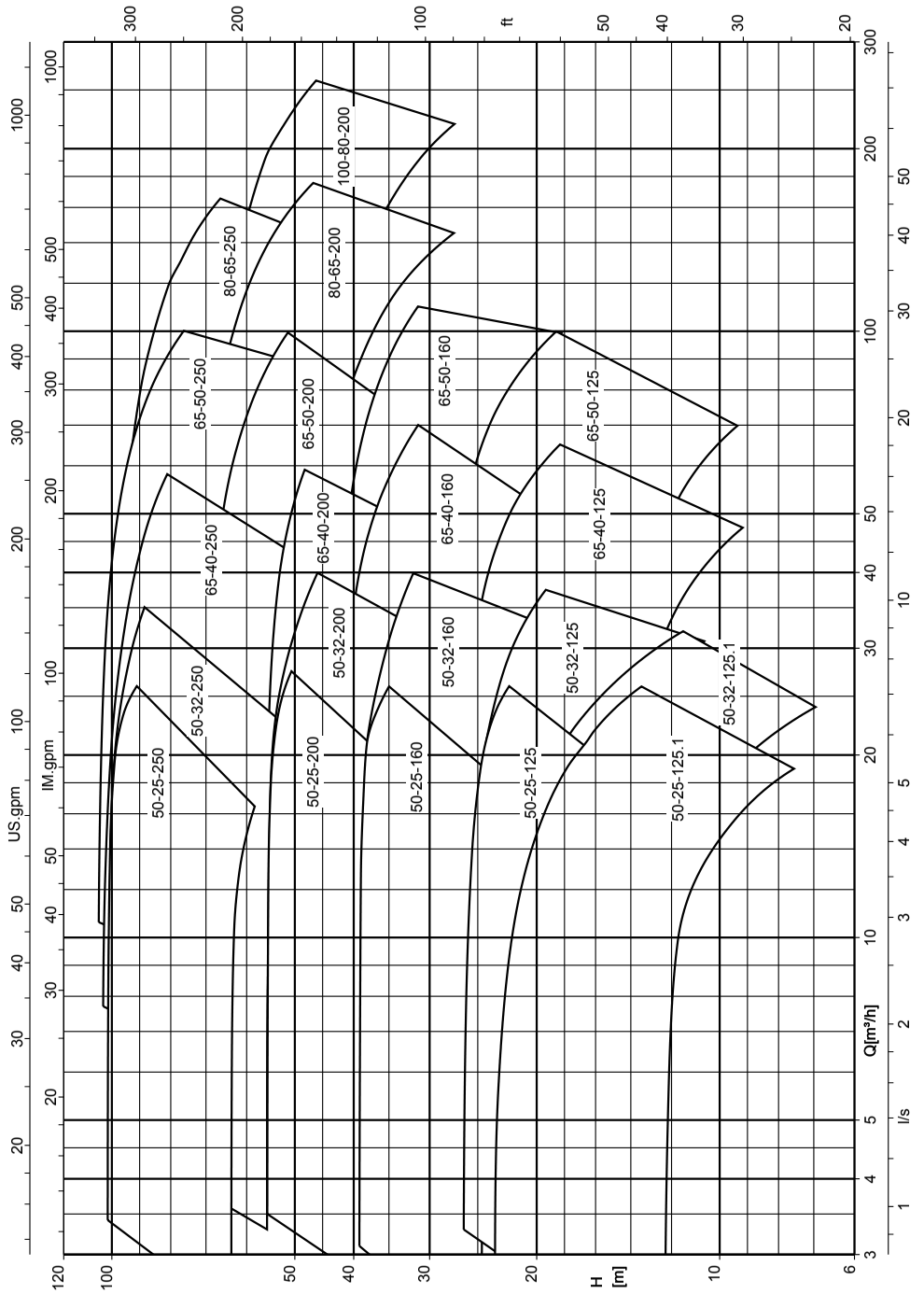
Baugrößenübersicht

Baugrößenübersicht

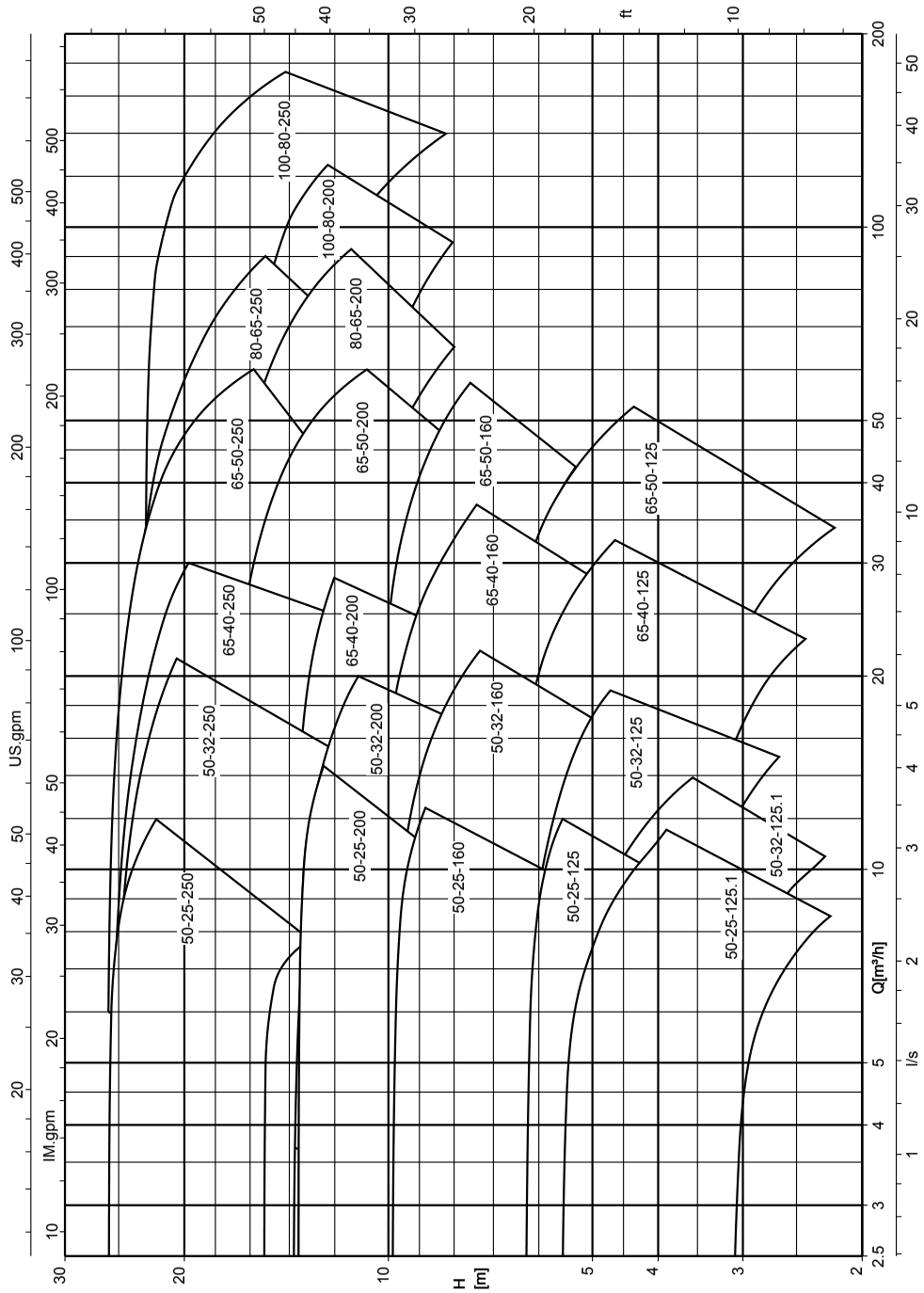
Baugröße		50 Hz		60 Hz	
		2900 min^{-1}	1450 min^{-1}	3500 min^{-1}	1750 min^{-1}
Etachrom L / Etachrom B	050 - 025 - 125	(⇨ Seite 10)	(⇨ Seite 32)	(⇨ Seite 55)	(⇨ Seite 71)
Etachrom L / Etachrom B	050 - 025 - 125.1	(⇨ Seite 11)	(⇨ Seite 33)	(⇨ Seite 56)	(⇨ Seite 72)
Etachrom L / Etachrom B	050 - 025 - 160	(⇨ Seite 12)	(⇨ Seite 34)	(⇨ Seite 57)	(⇨ Seite 73)
Etachrom L / Etachrom B	050 - 025 - 200	(⇨ Seite 13)	(⇨ Seite 35)	(⇨ Seite 58)	(⇨ Seite 74)
Etachrom L / Etachrom B	050 - 025 - 250	(⇨ Seite 14)	(⇨ Seite 36)	-	(⇨ Seite 75)
Etachrom L / Etachrom B	050 - 032 - 125	(⇨ Seite 15)	(⇨ Seite 37)	(⇨ Seite 59)	(⇨ Seite 76)
Etachrom L / Etachrom B	050 - 032 - 125.1	(⇨ Seite 16)	(⇨ Seite 38)	(⇨ Seite 60)	(⇨ Seite 77)
Etachrom L / Etachrom B	050 - 032 - 160	(⇨ Seite 17)	(⇨ Seite 39)	(⇨ Seite 61)	(⇨ Seite 78)
Etachrom L / Etachrom B	050 - 032 - 200	(⇨ Seite 18)	(⇨ Seite 40)	(⇨ Seite 62)	(⇨ Seite 79)
Etachrom L / Etachrom B	050 - 032 - 250	(⇨ Seite 19)	(⇨ Seite 41)	-	(⇨ Seite 80)
Etachrom L / Etachrom B	065 - 040 - 125	(⇨ Seite 20)	(⇨ Seite 42)	(⇨ Seite 63)	(⇨ Seite 81)
Etachrom L / Etachrom B	065 - 040 - 160	(⇨ Seite 21)	(⇨ Seite 43)	(⇨ Seite 64)	(⇨ Seite 82)
Etachrom L / Etachrom B	065 - 040 - 200	(⇨ Seite 22)	(⇨ Seite 44)	(⇨ Seite 65)	(⇨ Seite 83)
Etachrom L / Etachrom B	065 - 040 - 250	(⇨ Seite 23)	(⇨ Seite 45)	-	(⇨ Seite 84)
Etachrom B mit Freistromrad	065 - 050 - 125	(⇨ Seite 24)	(⇨ Seite 46)	(⇨ Seite 66)	(⇨ Seite 85)
Etachrom L / Etachrom B	065 - 050 - 125	(⇨ Seite 25)	(⇨ Seite 47)	(⇨ Seite 67)	(⇨ Seite 86)
Etachrom L / Etachrom B	065 - 050 - 160	(⇨ Seite 26)	(⇨ Seite 48)	(⇨ Seite 68)	(⇨ Seite 87)
Etachrom L / Etachrom B	065 - 050 - 200	(⇨ Seite 27)	(⇨ Seite 49)	(⇨ Seite 69)	(⇨ Seite 88)
Etachrom L / Etachrom B	065 - 050 - 250	(⇨ Seite 28)	(⇨ Seite 50)	-	(⇨ Seite 89)
Etachrom L / Etachrom B	080 - 065 - 200	(⇨ Seite 29)	(⇨ Seite 51)	(⇨ Seite 70)	(⇨ Seite 90)
Etachrom L / Etachrom B	080 - 065 - 250	(⇨ Seite 30)	(⇨ Seite 52)	-	(⇨ Seite 91)
Etachrom L / Etachrom B	100 - 080 - 200	(⇨ Seite 31)	(⇨ Seite 53)	-	(⇨ Seite 92)
Etachrom L / Etachrom B	100 - 080 - 250	-	(⇨ Seite 54)	-	(⇨ Seite 93)

Kennfelder

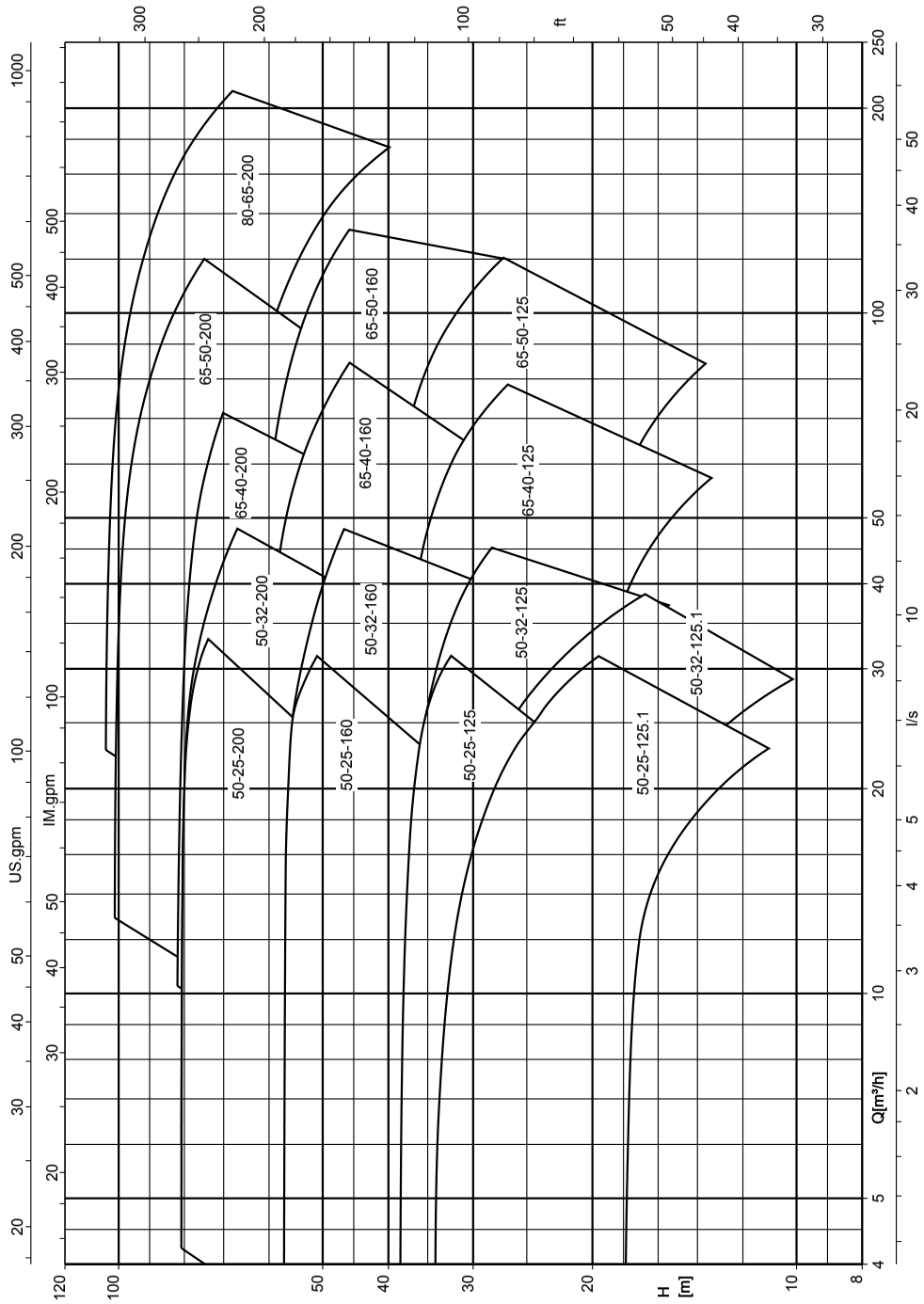
Etachrom L / Etachrom B, n = 2900 min⁻¹



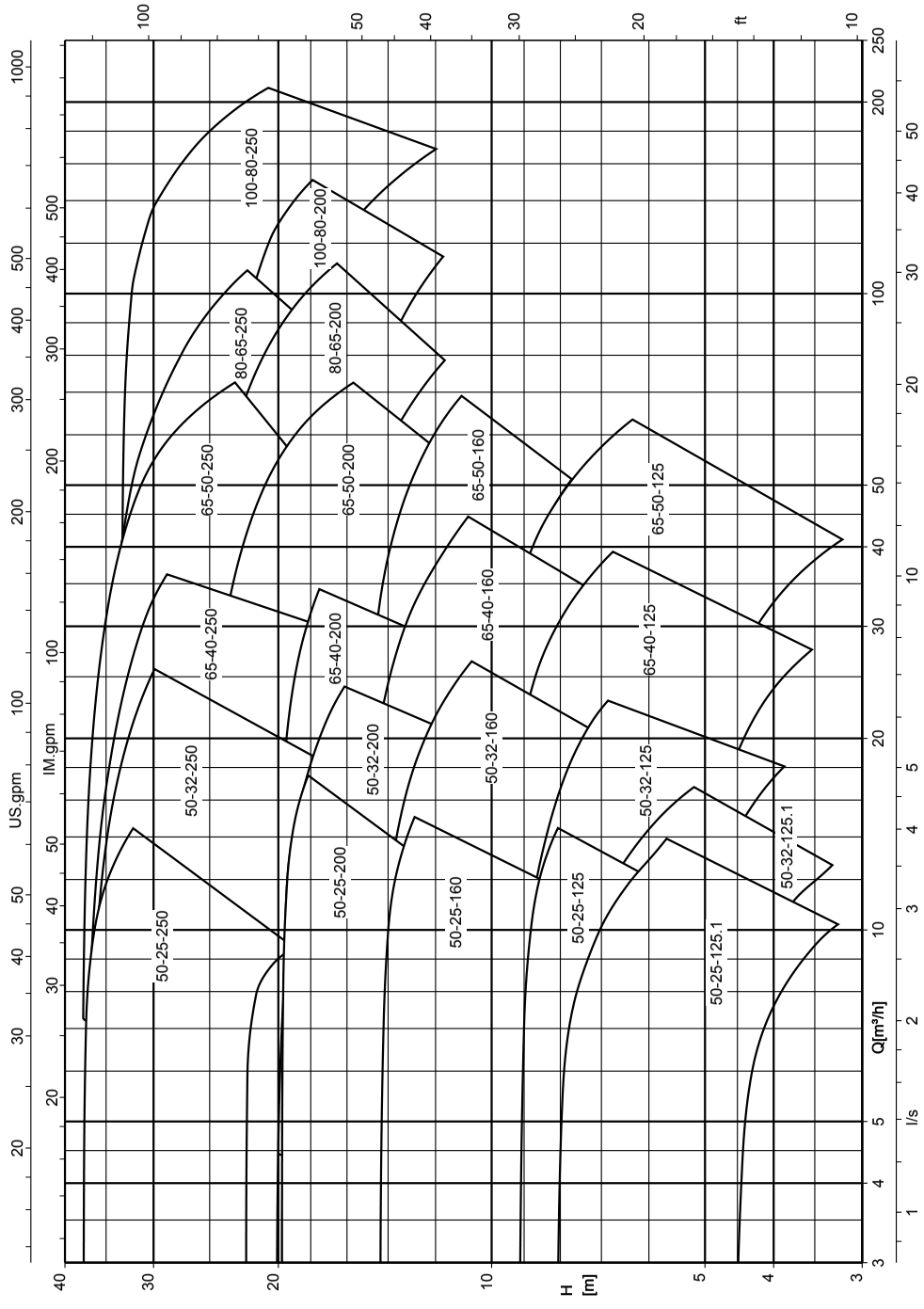
Etachrom L / Etachrom B, n = 1450 min⁻¹



Etachrom L / Etachrom B, n = 3500 min⁻¹



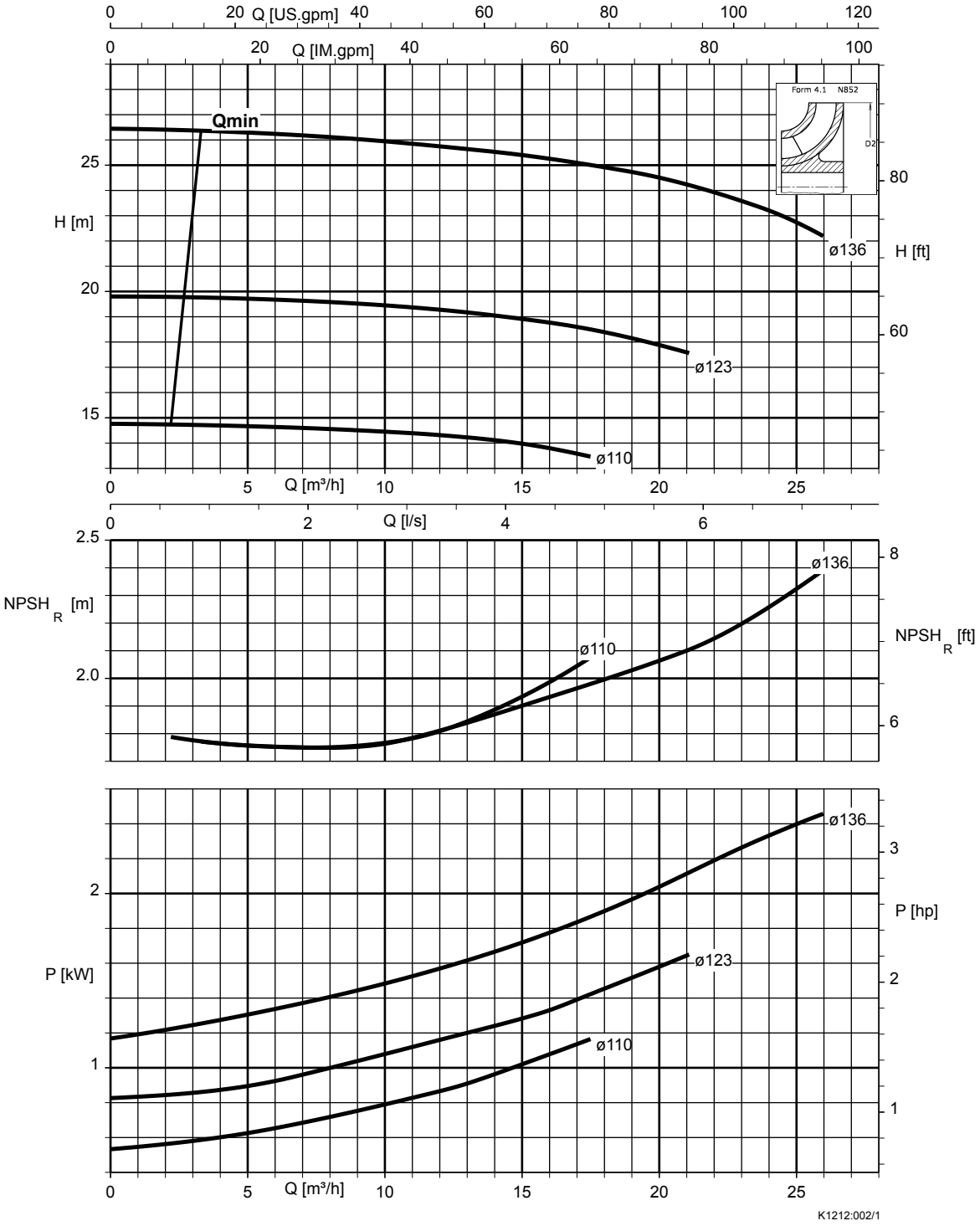
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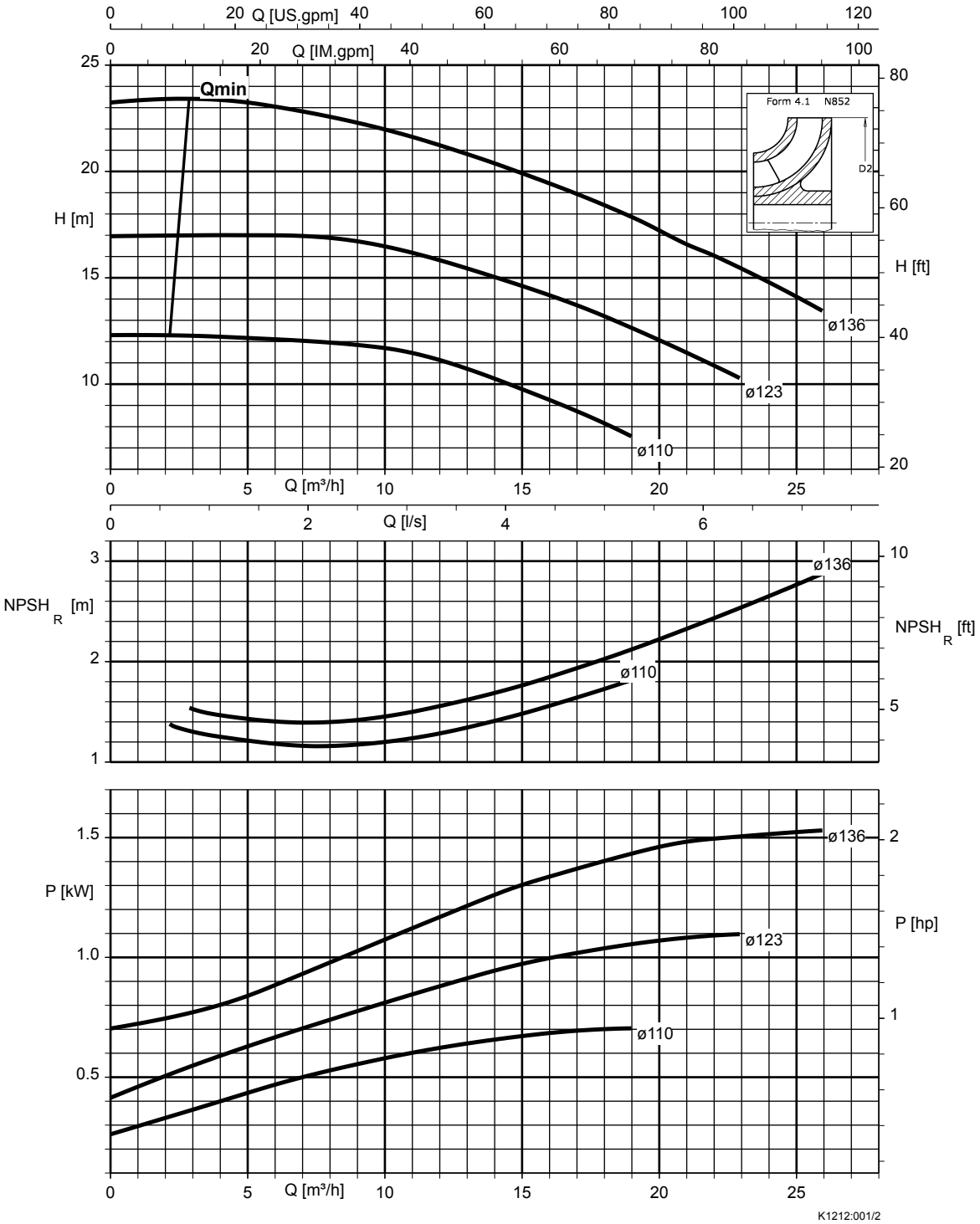
Kennlinien

n = 2900 min⁻¹

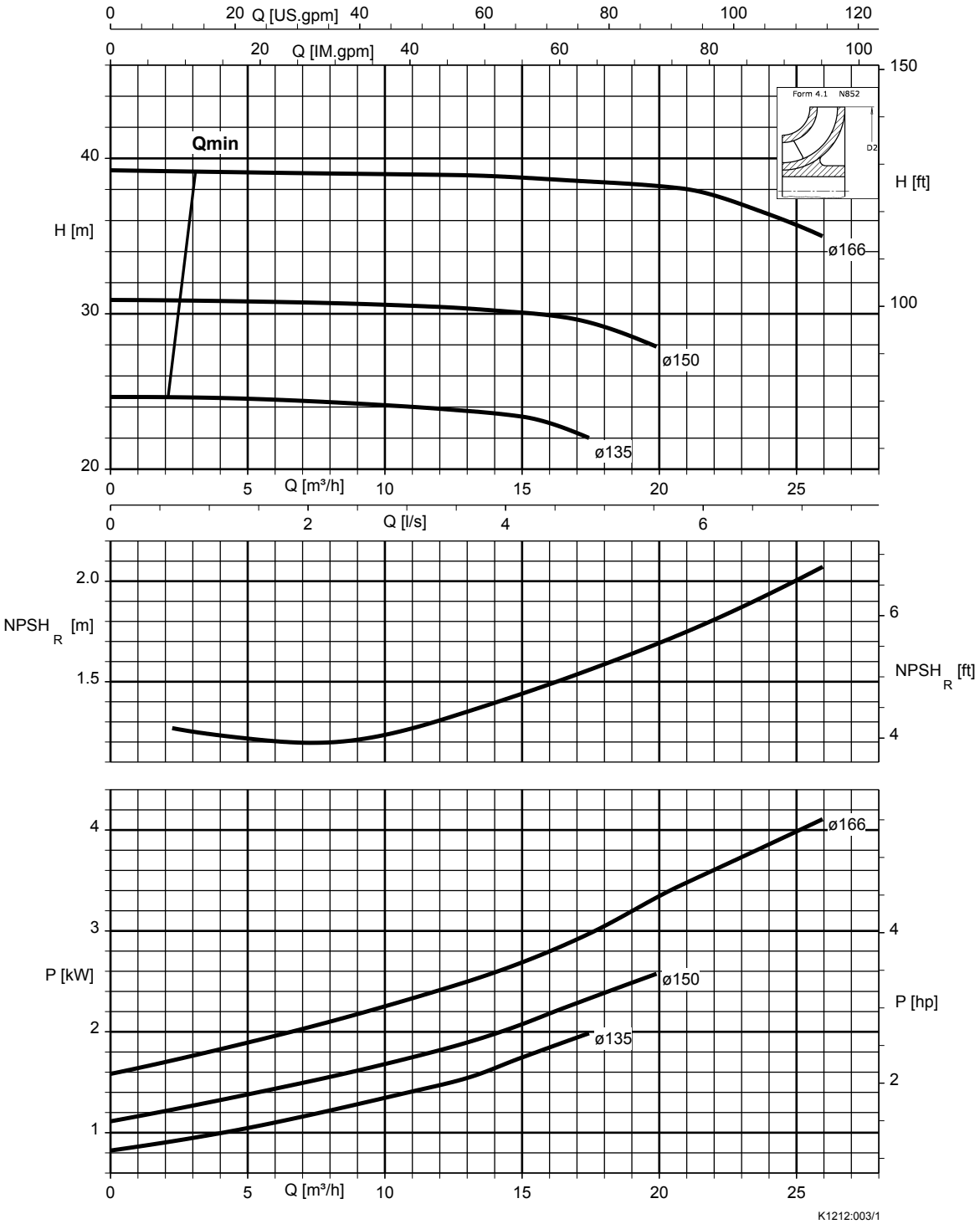
Etachrom L / Etachrom B, 050-025-125, n = 2900 min⁻¹



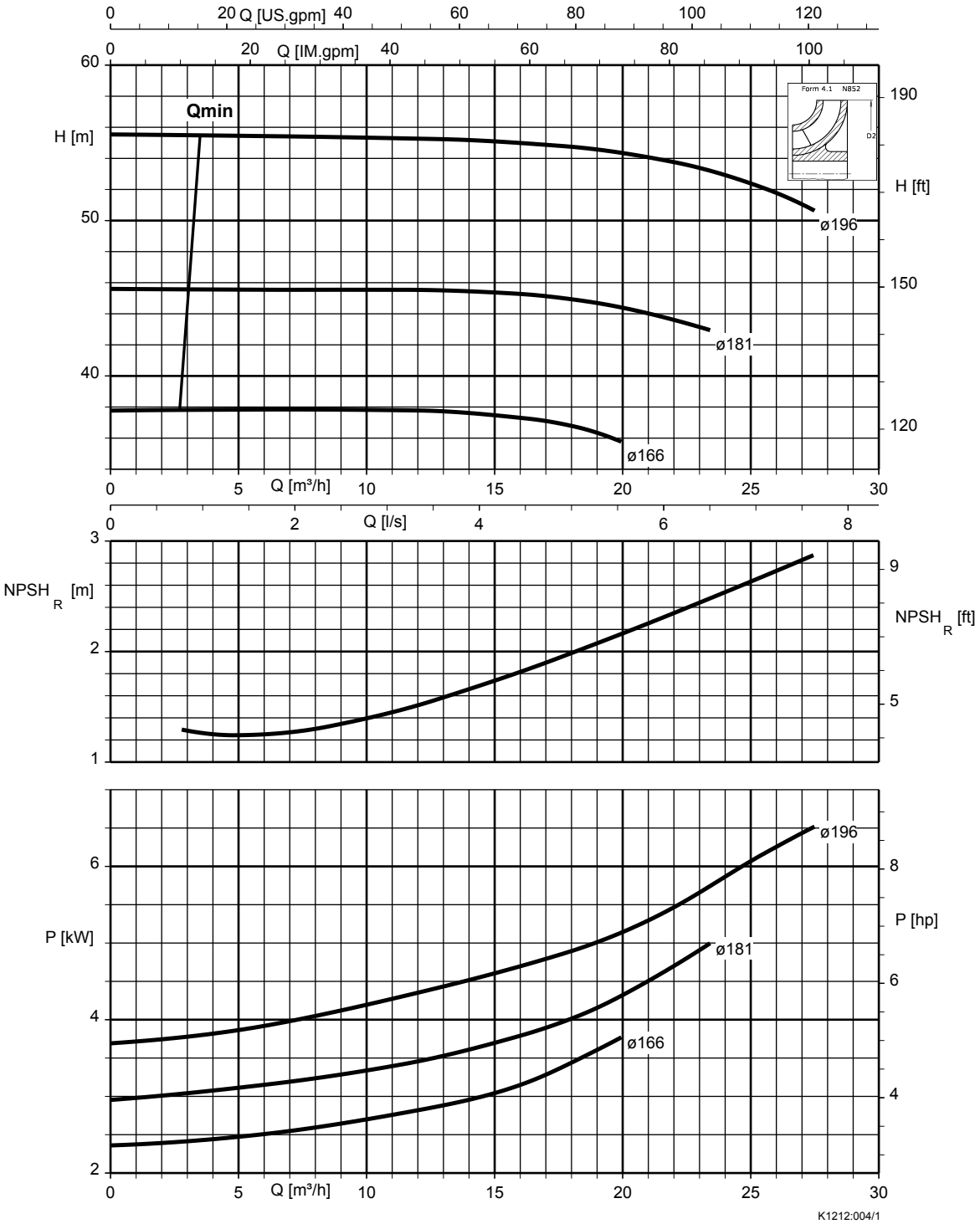
Etachrom L / Etachrom B, 050-025-125.1, n = 2900 min⁻¹



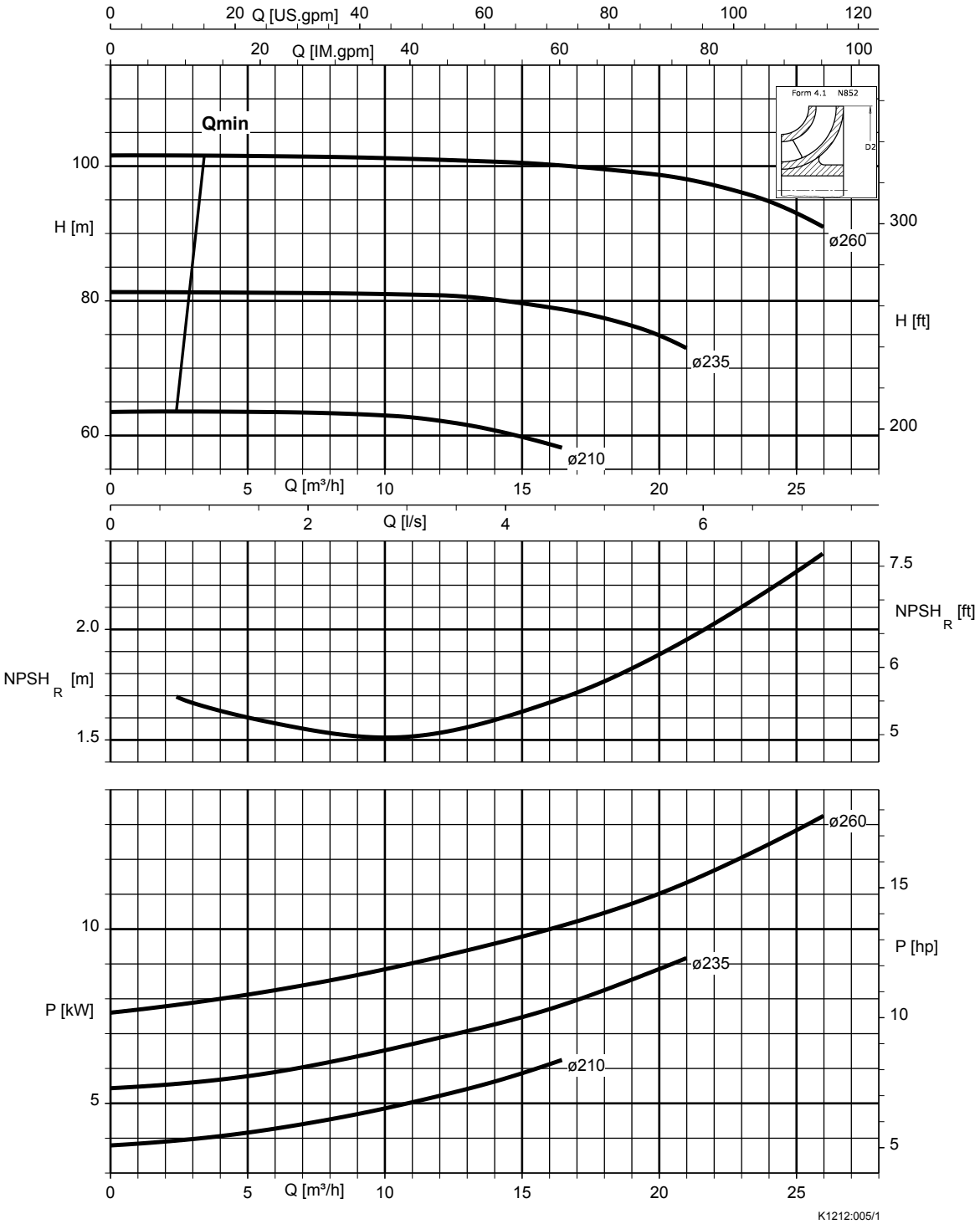
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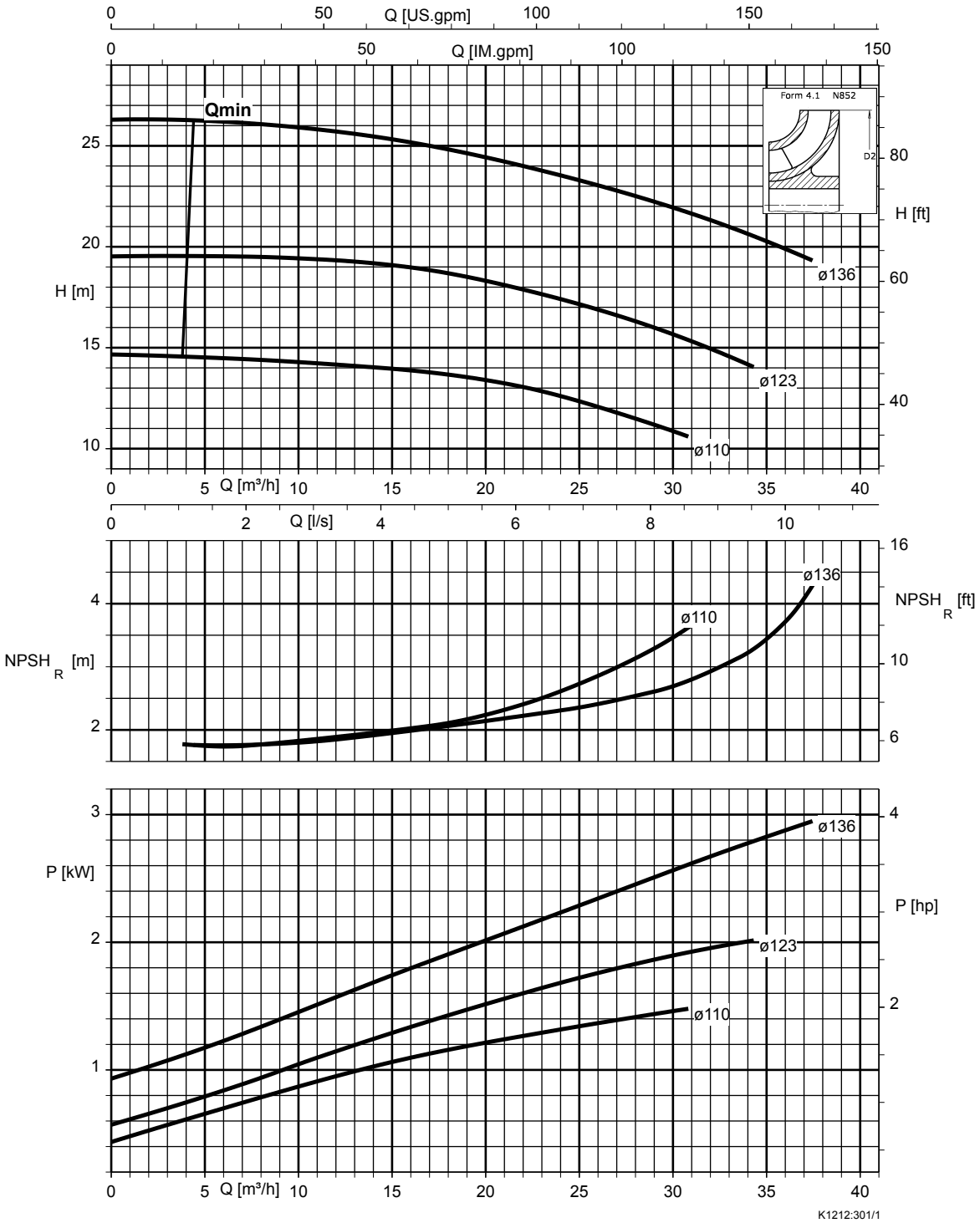
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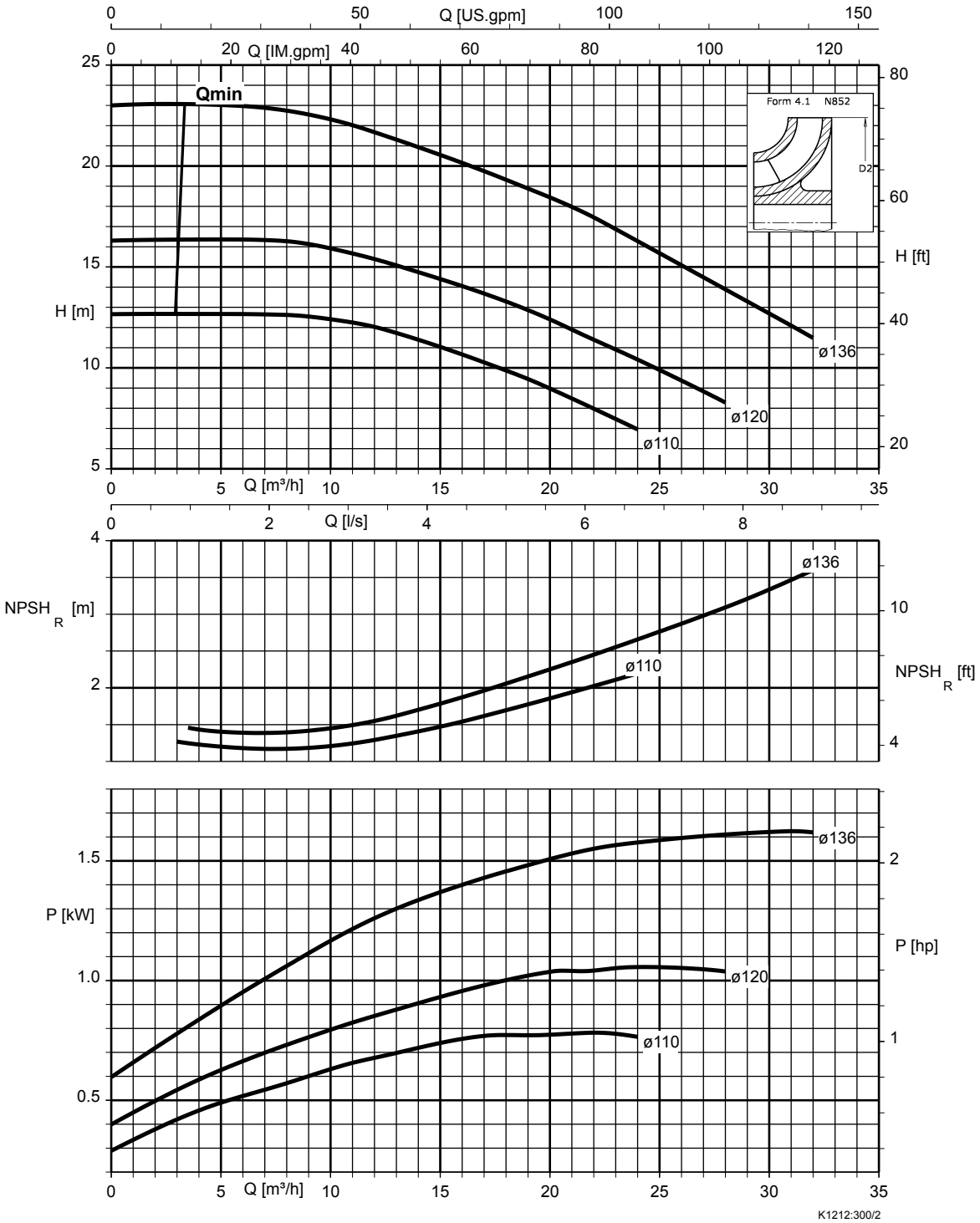
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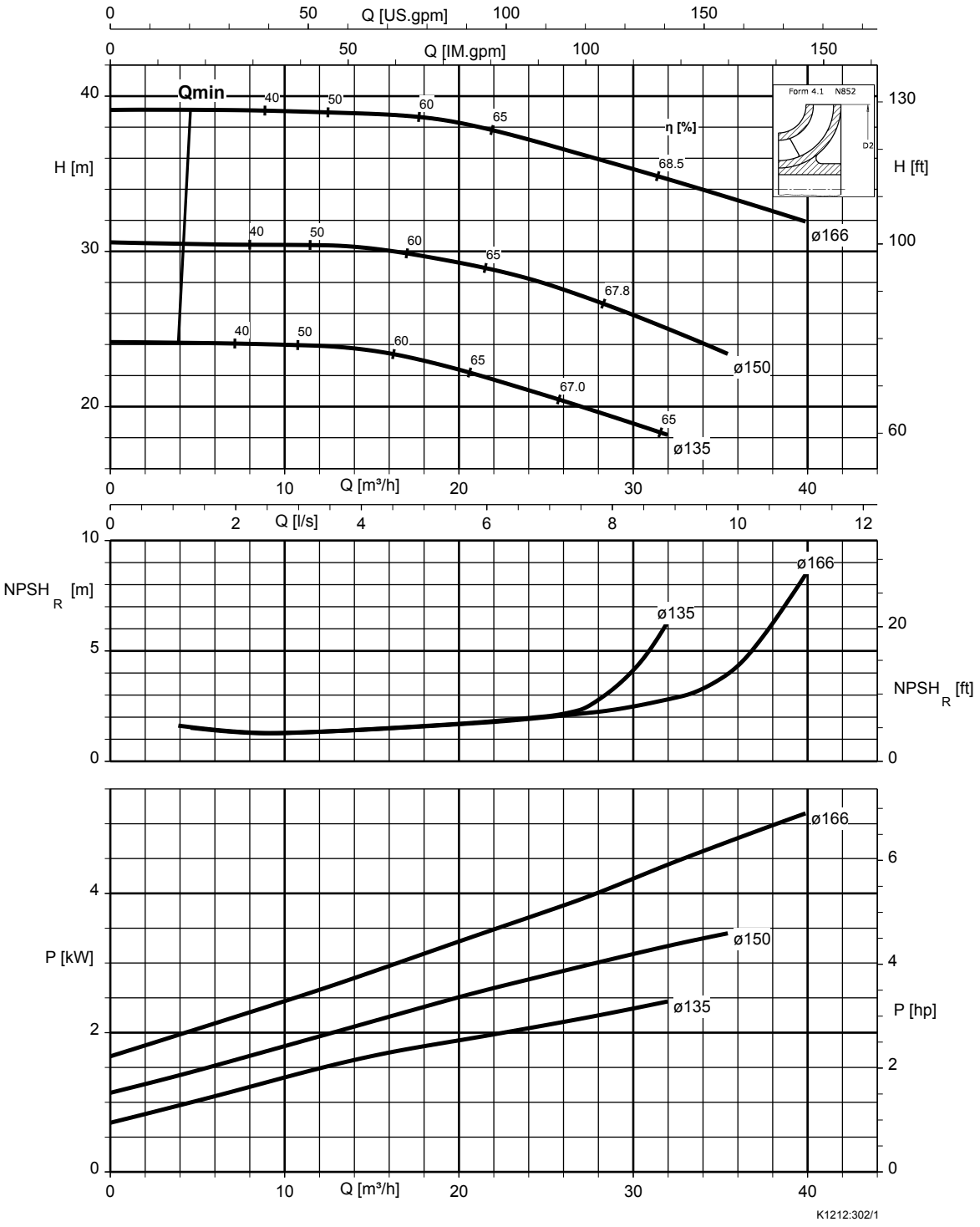
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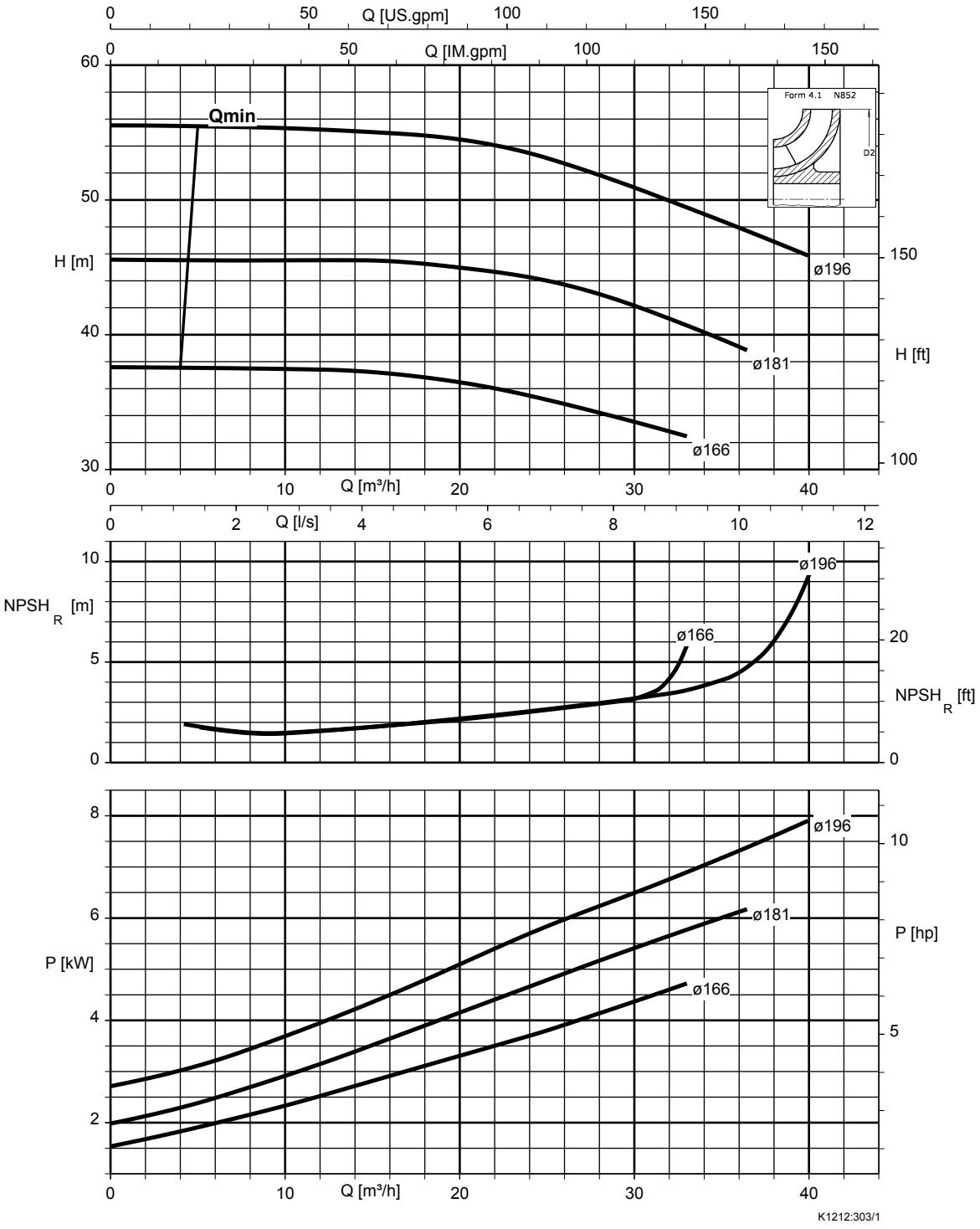
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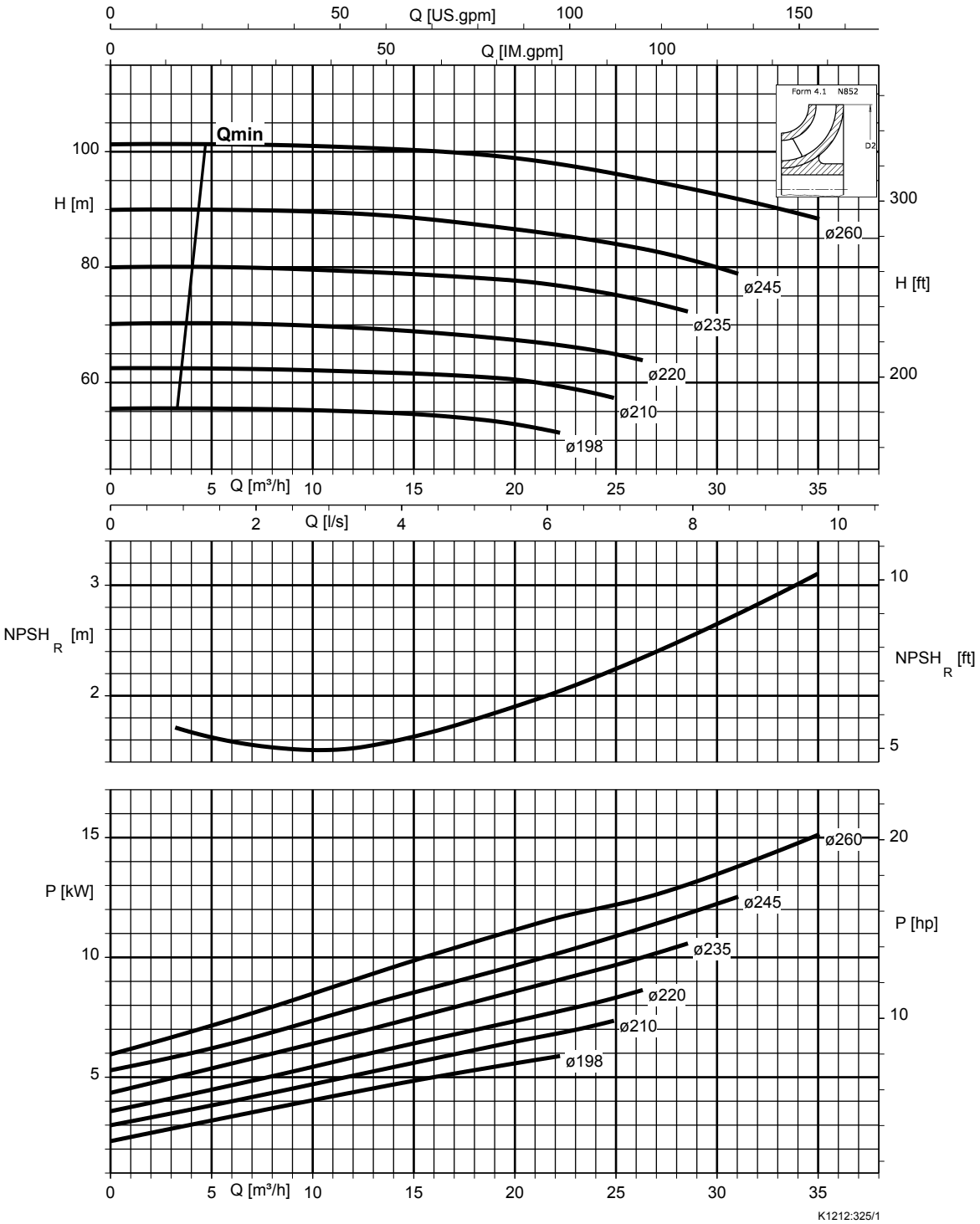
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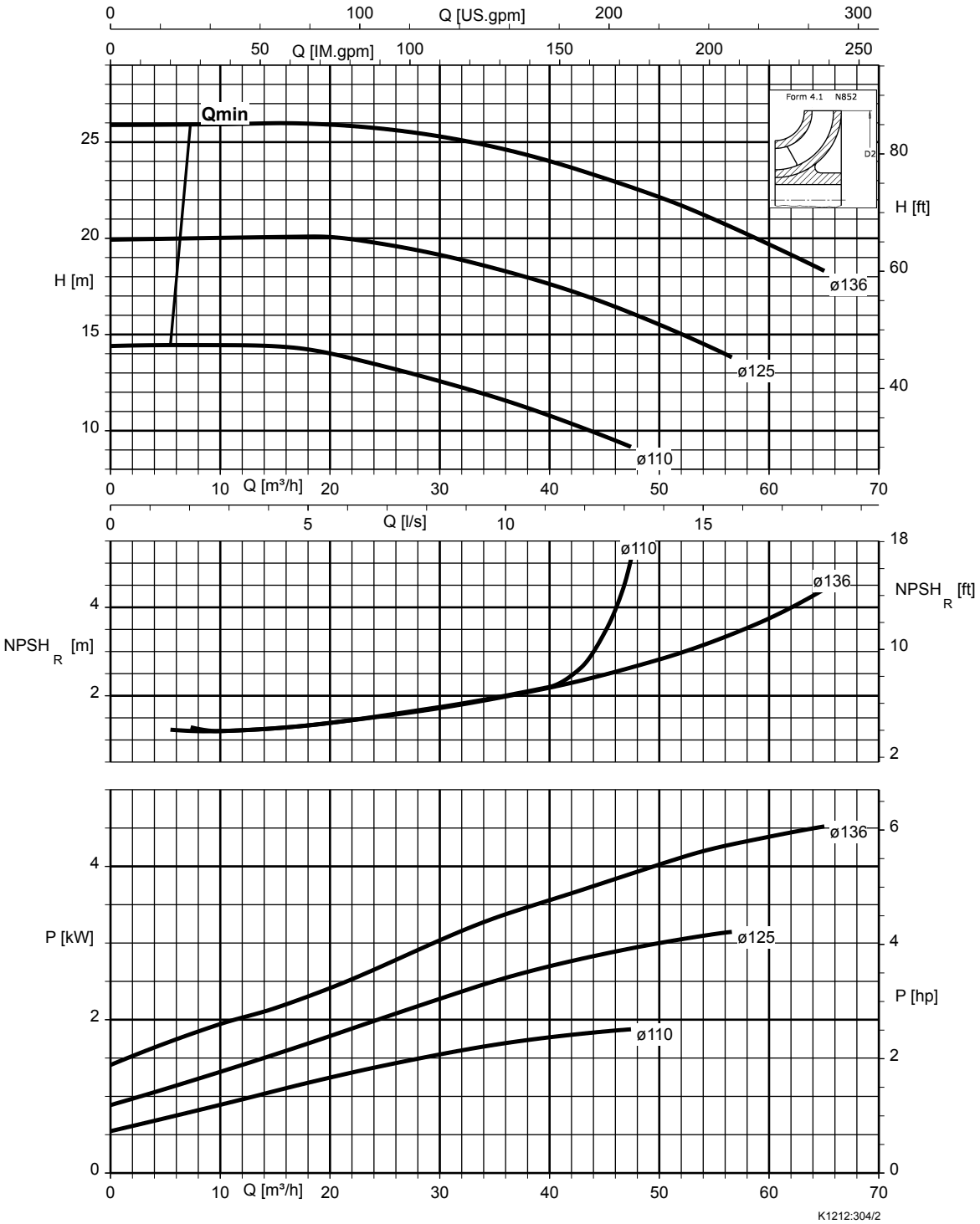
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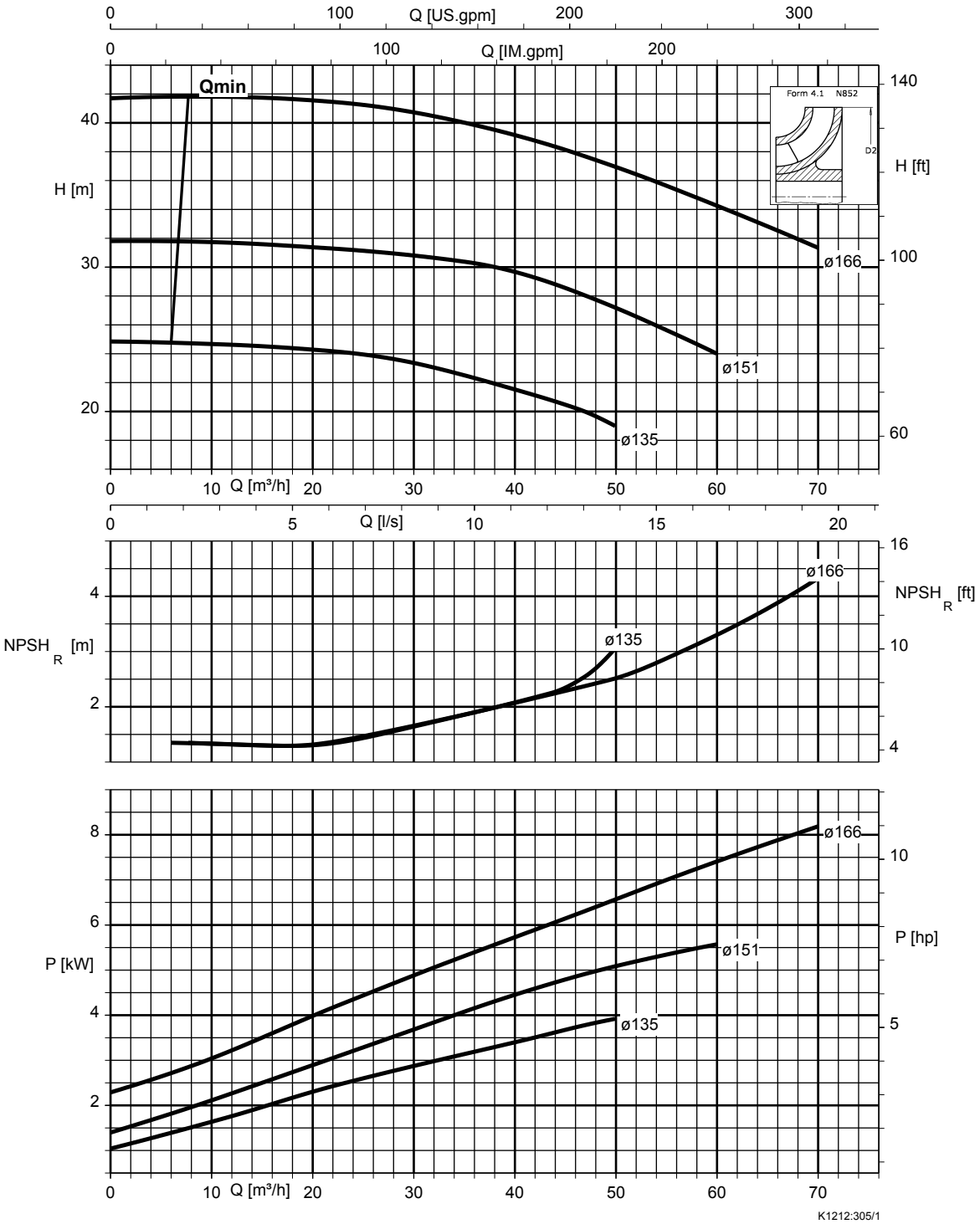
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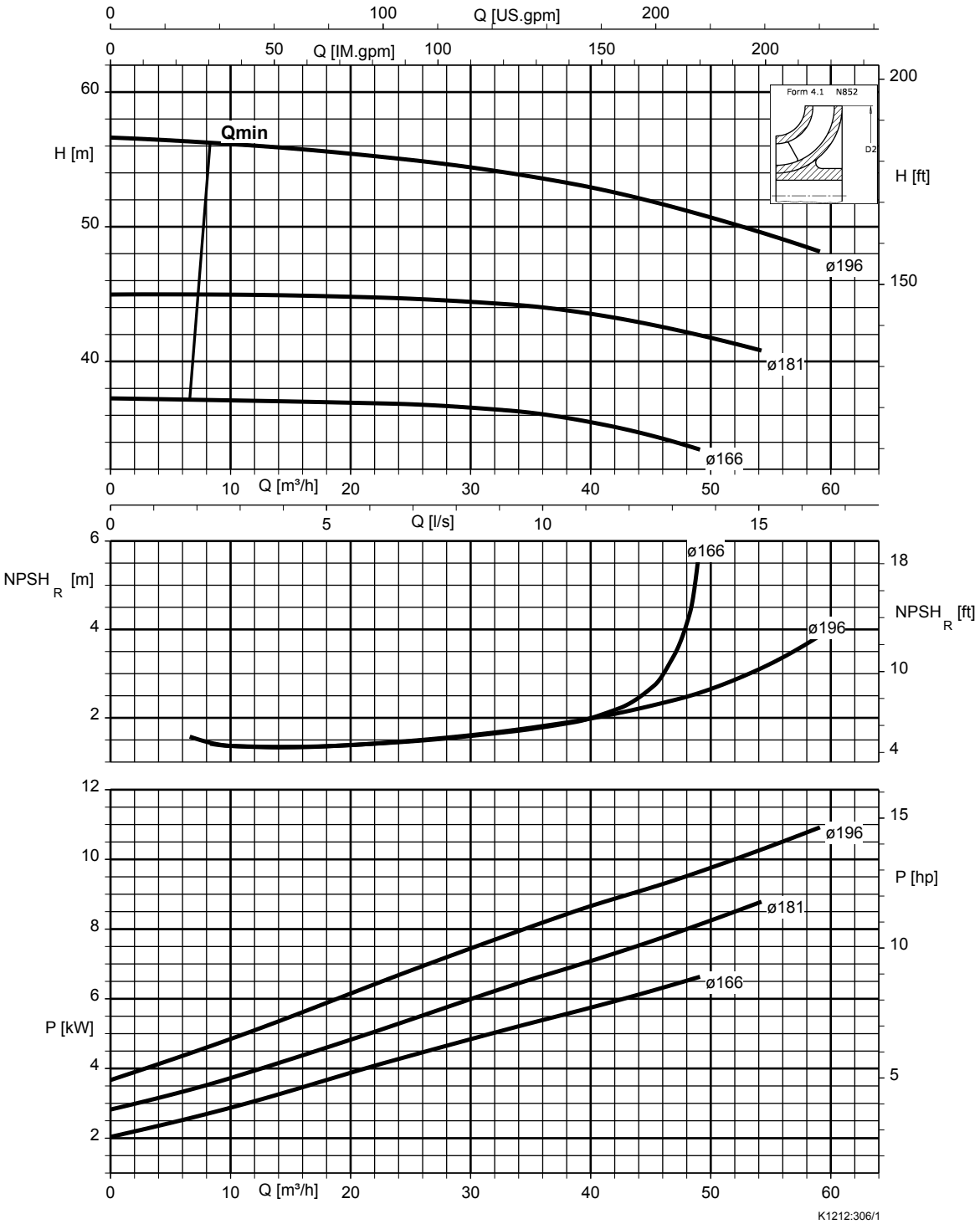
Etachrom L / Etachrom B, 065-040-125, n = 2900 min⁻¹



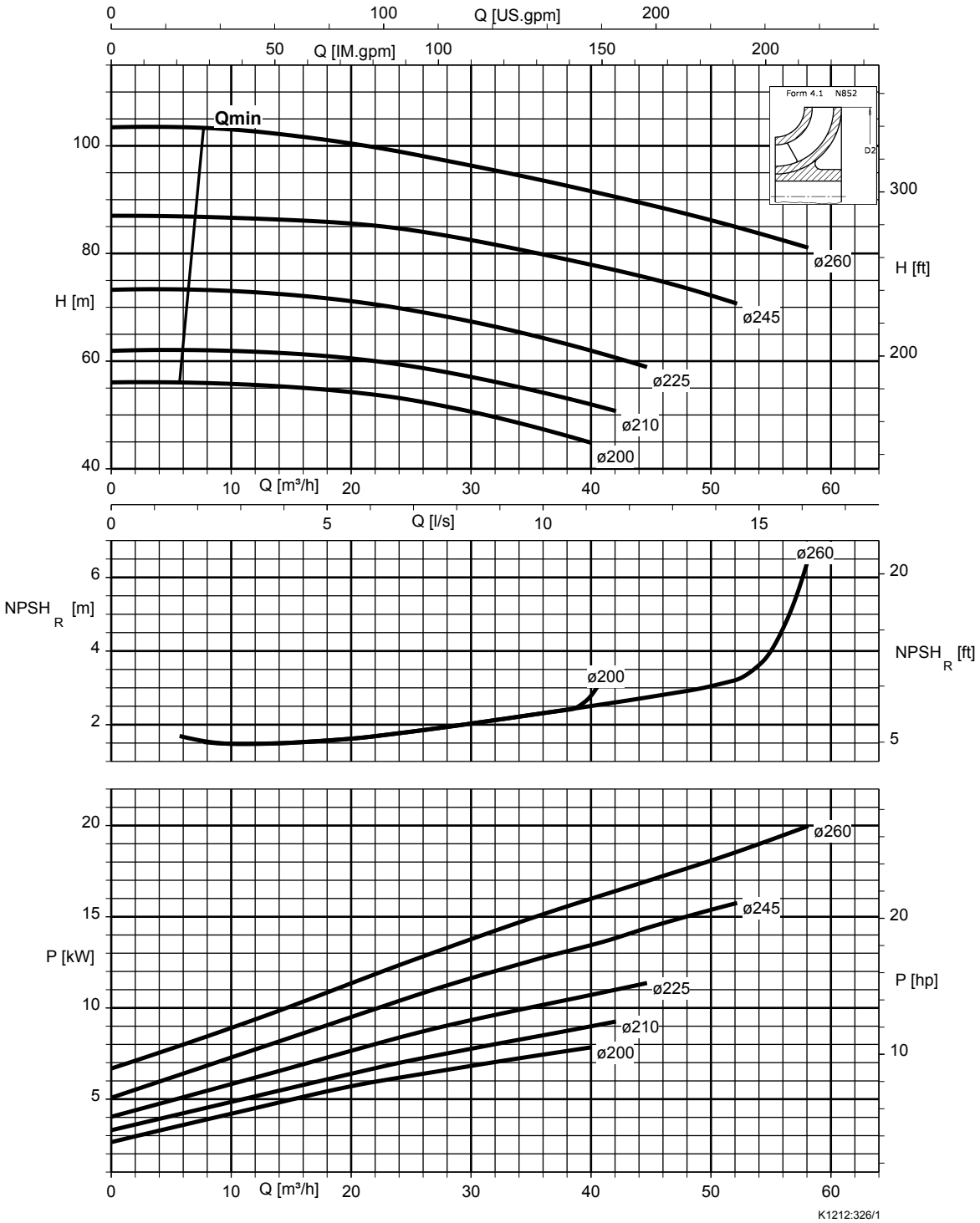
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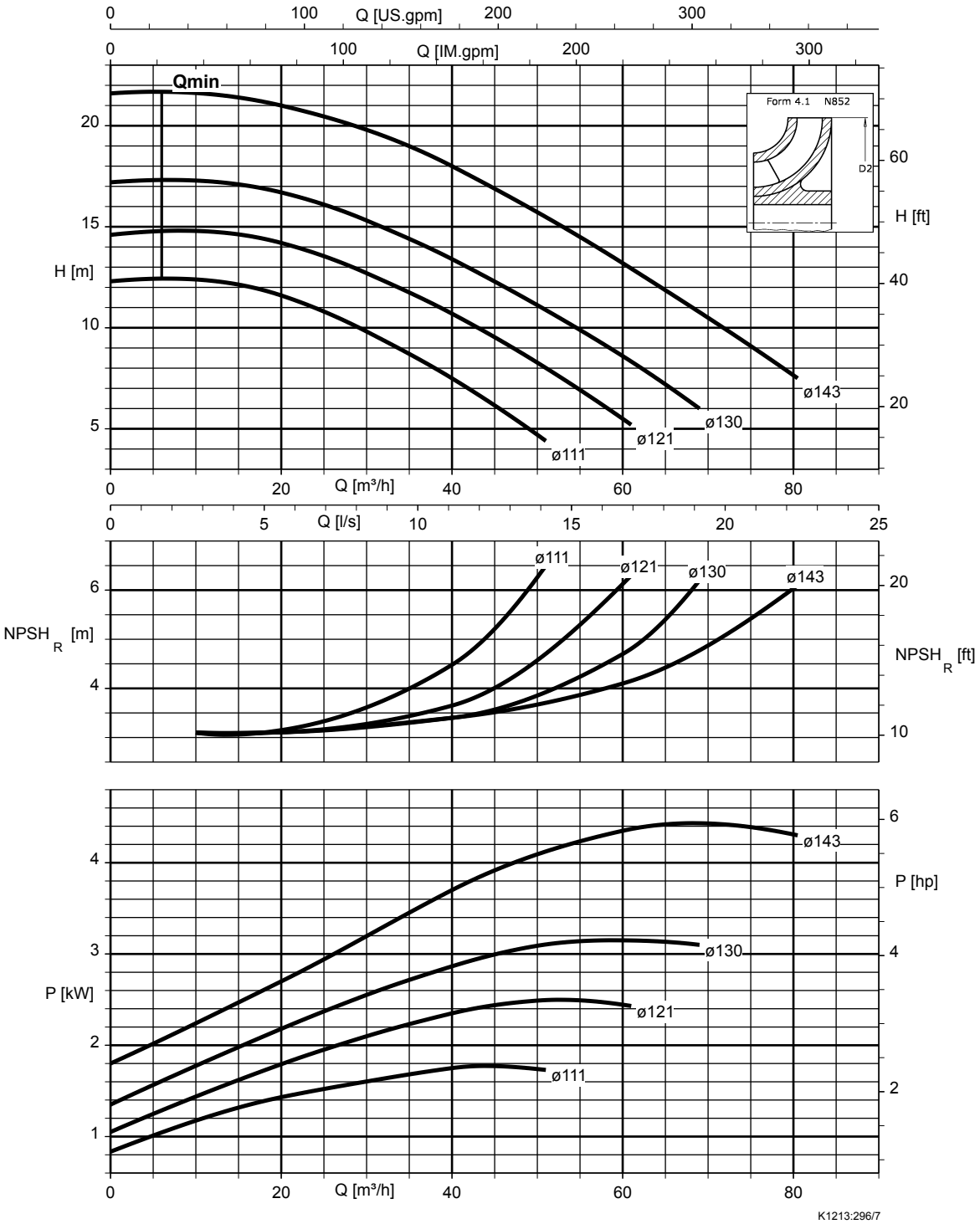
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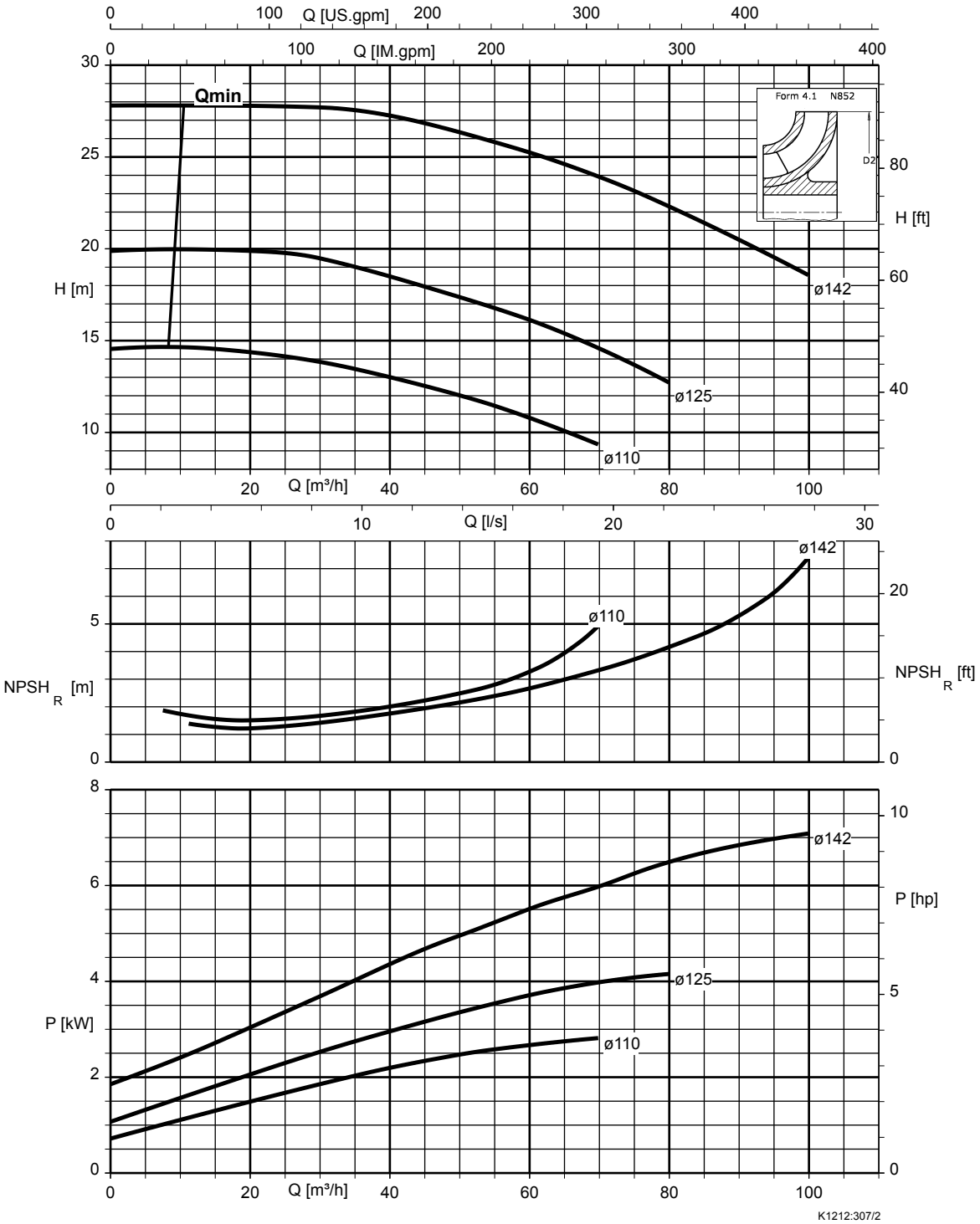
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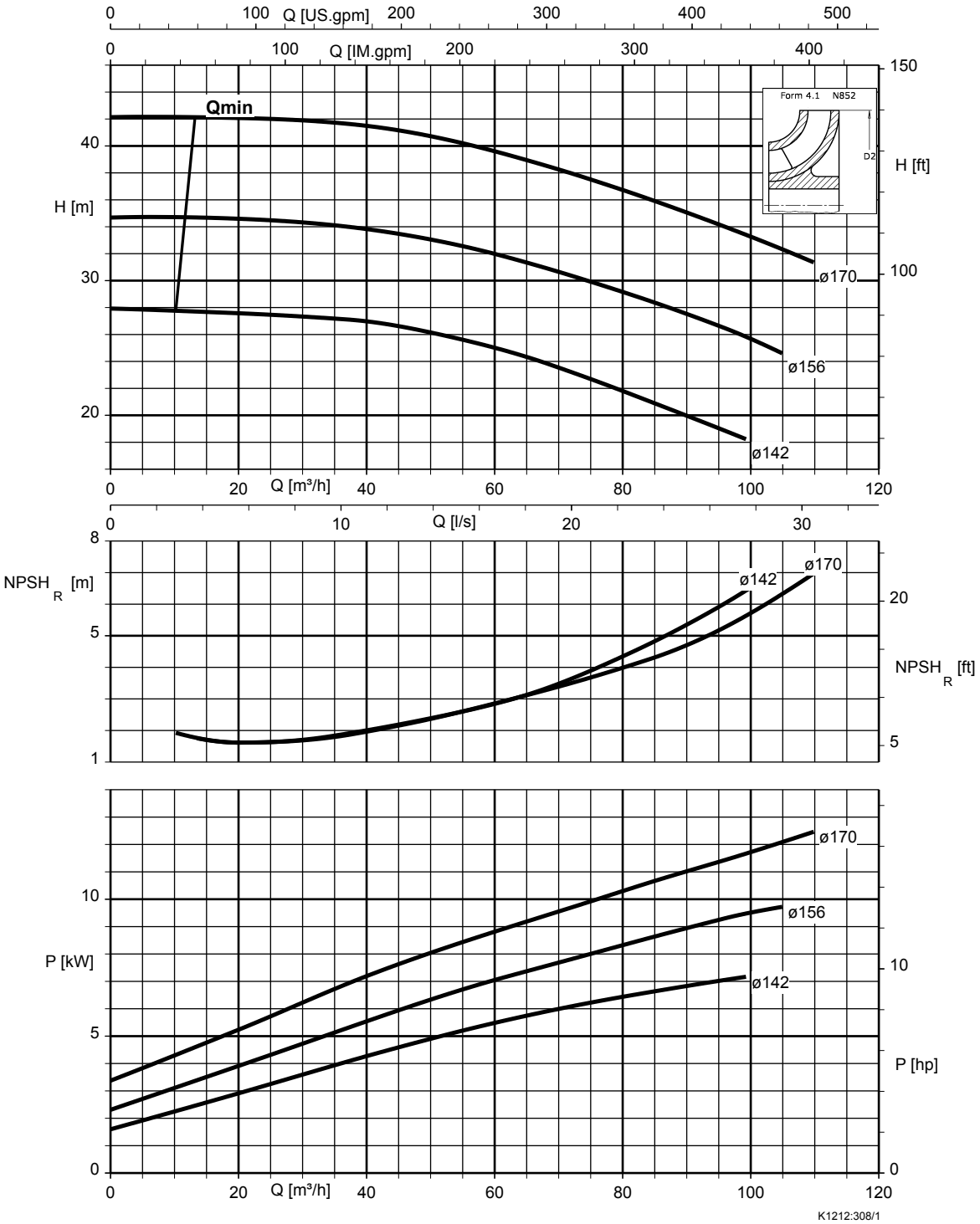
Etachrom B, 065-050-125, n = 2900 min⁻¹, mit Freistromrad



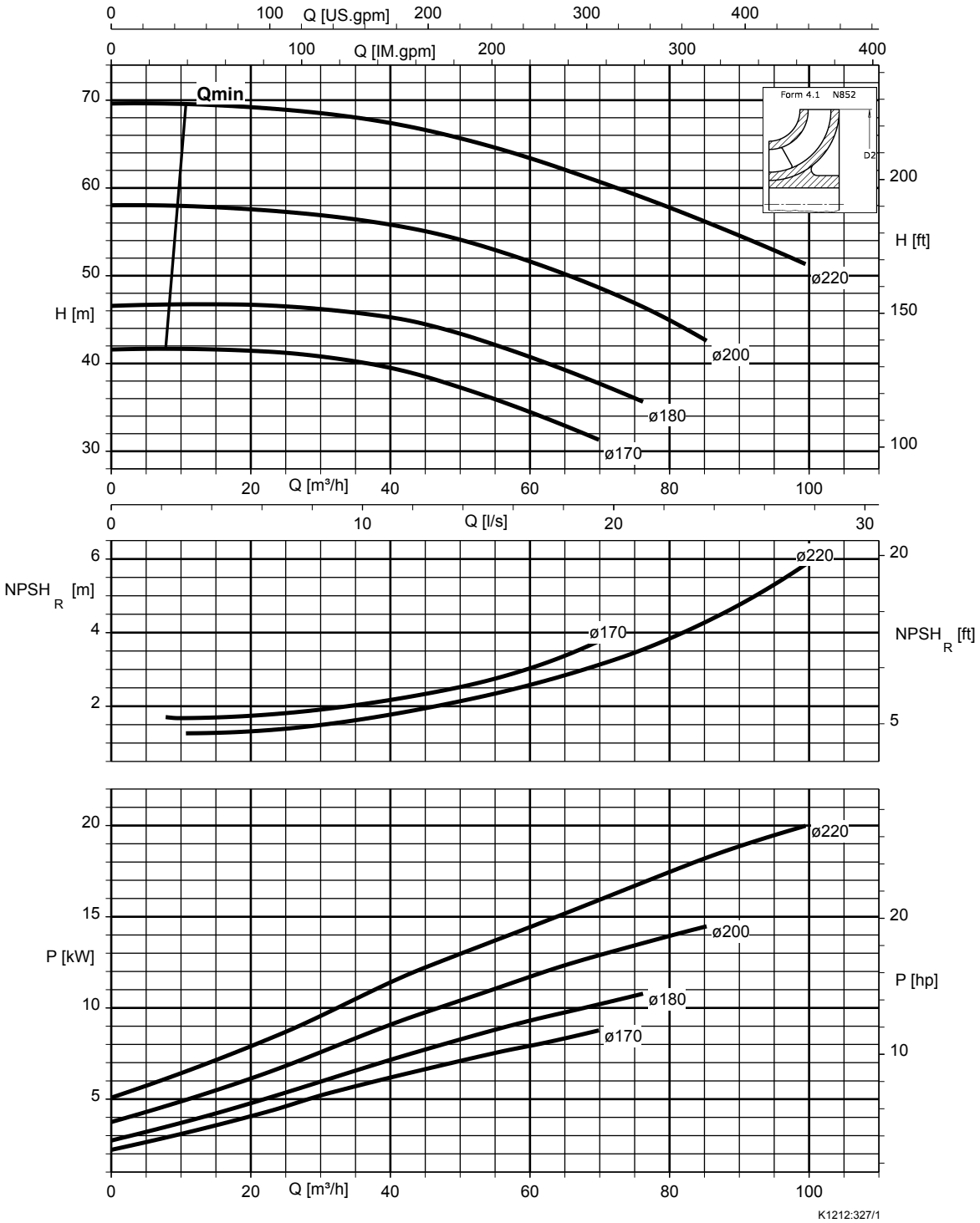
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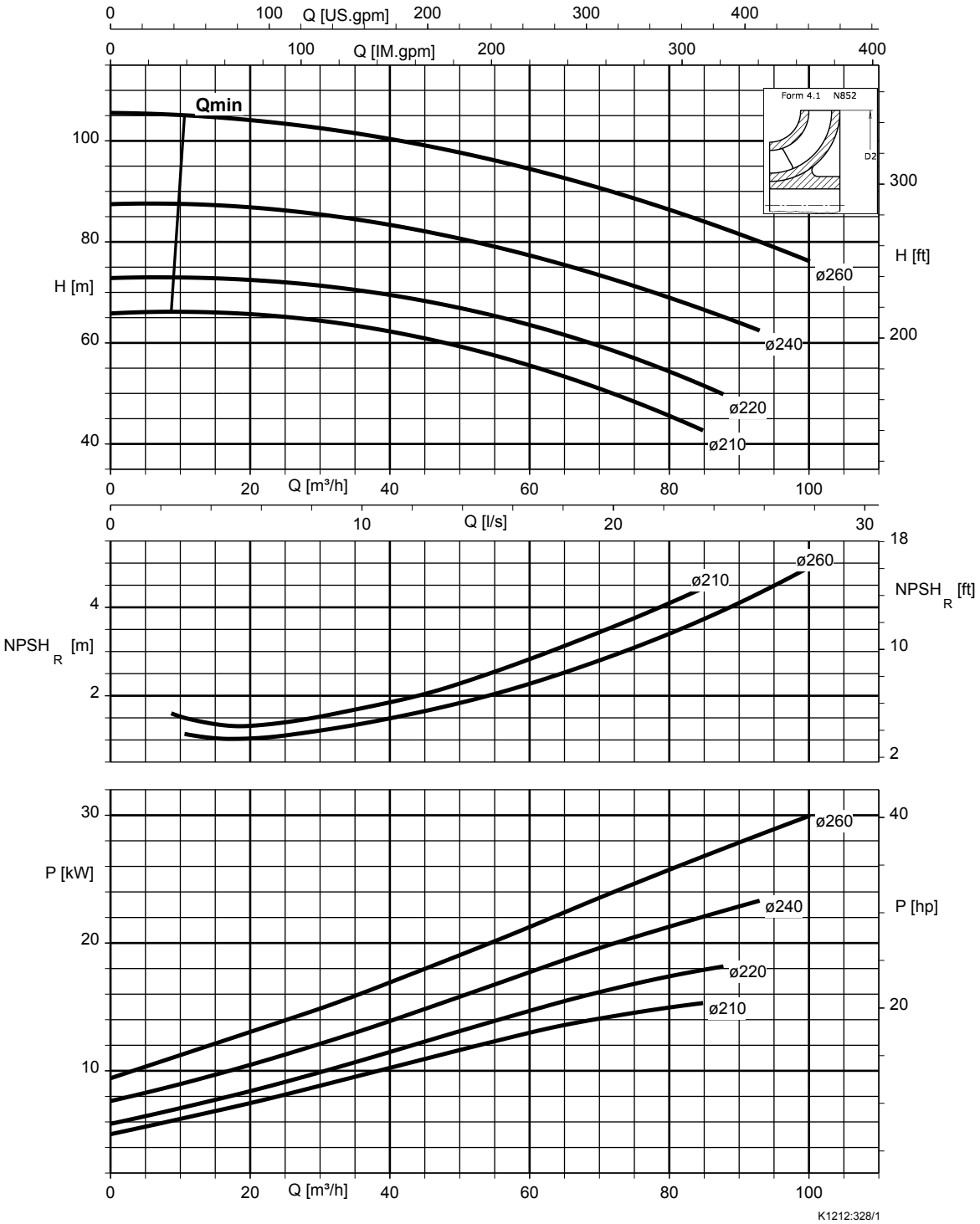
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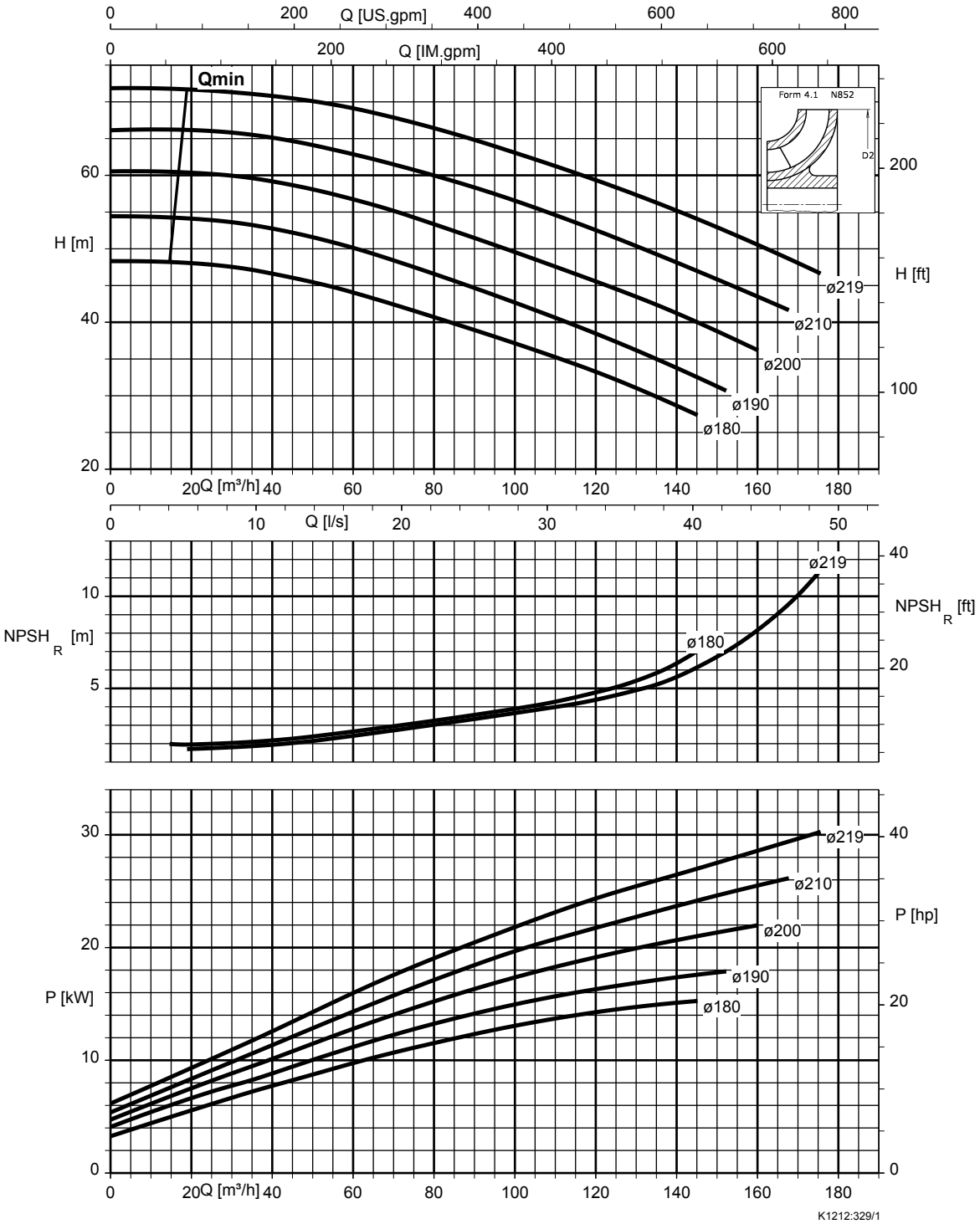
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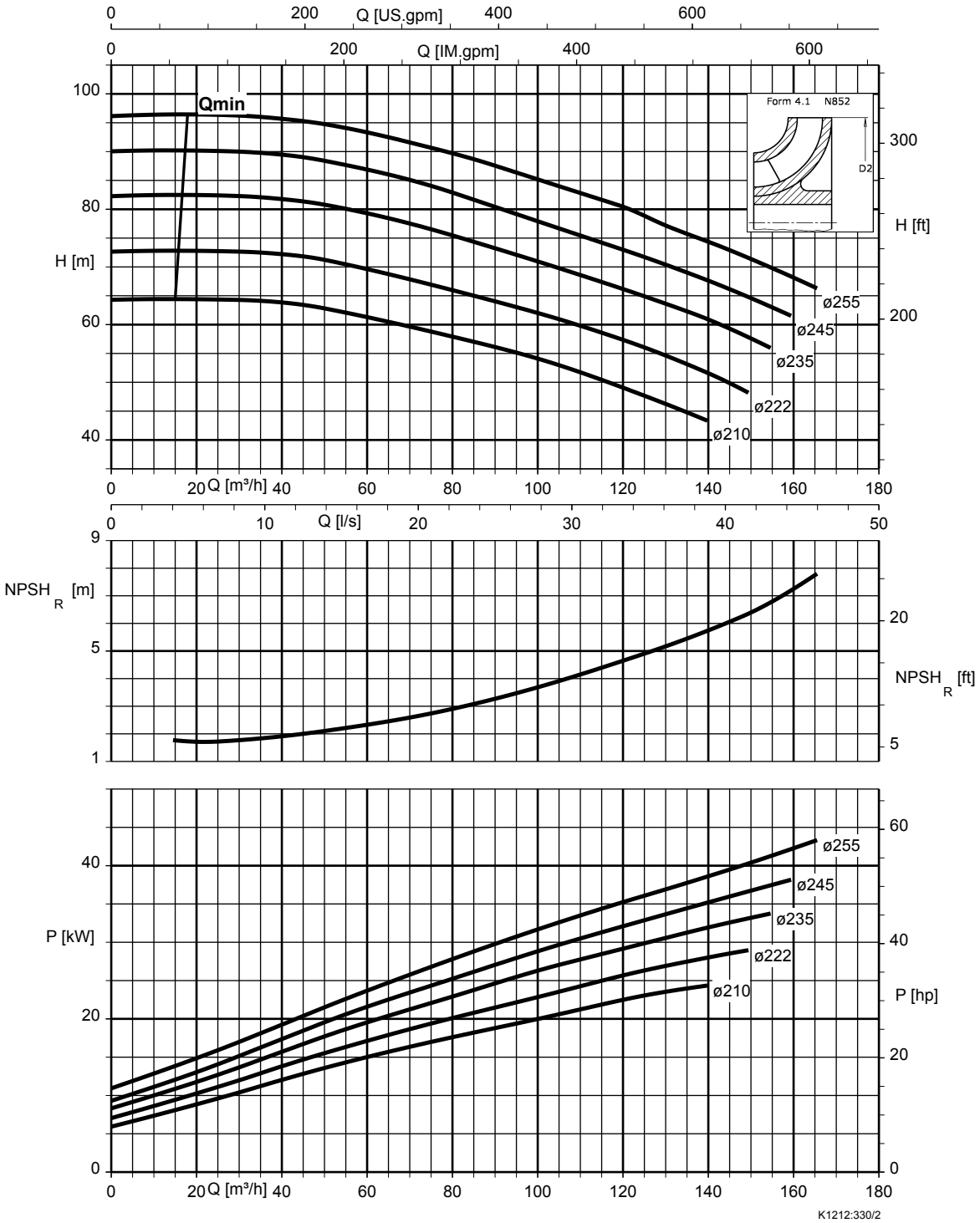
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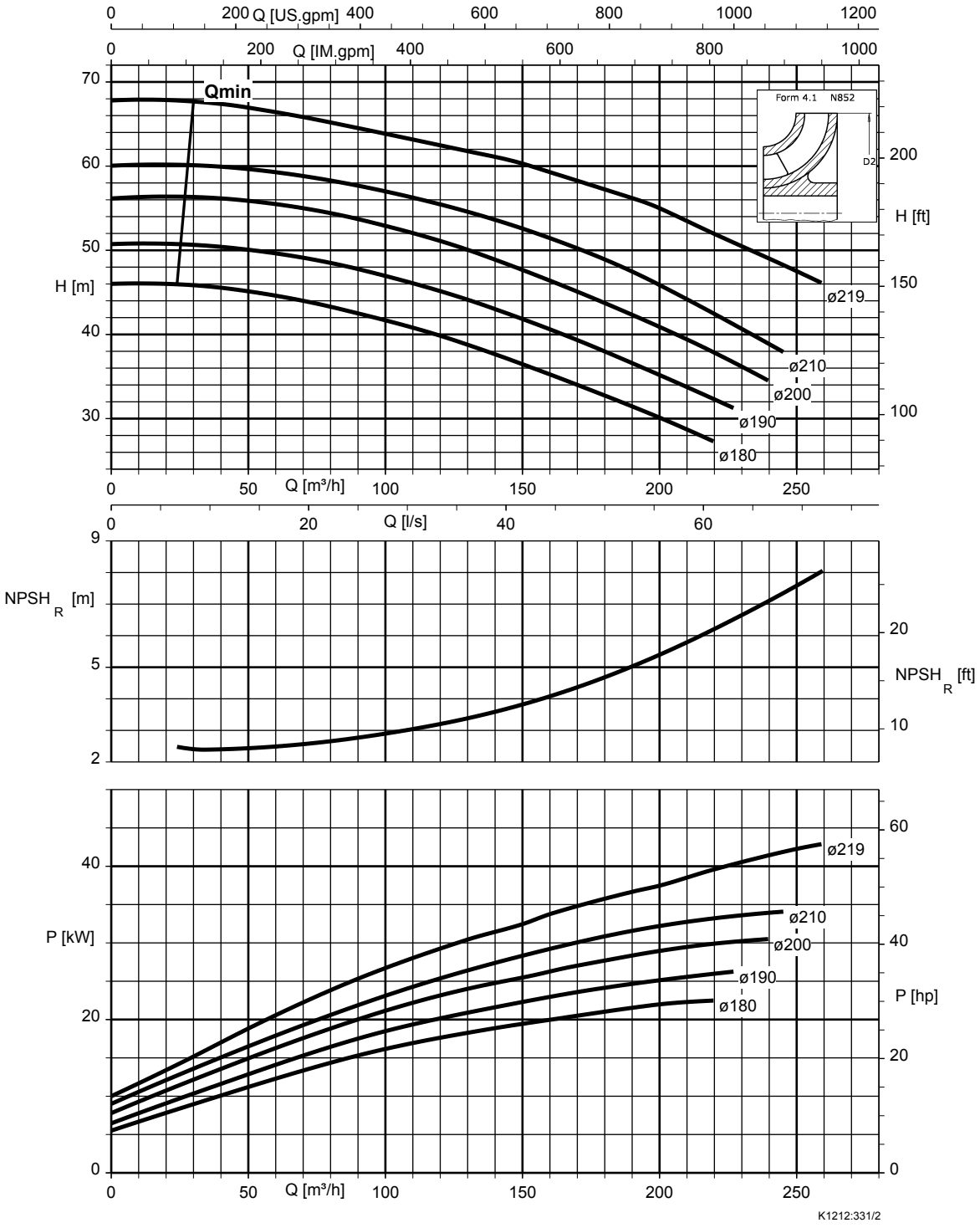
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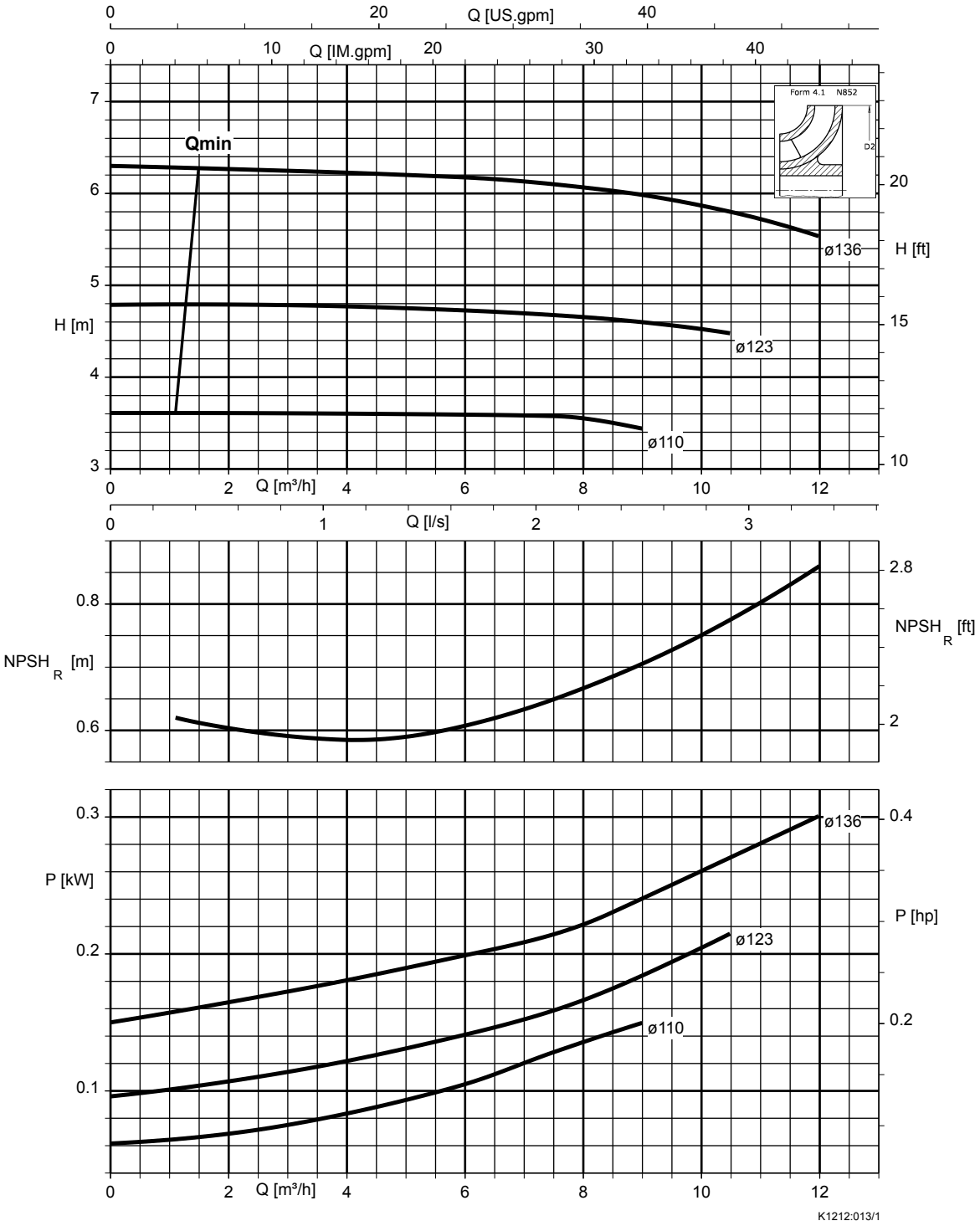


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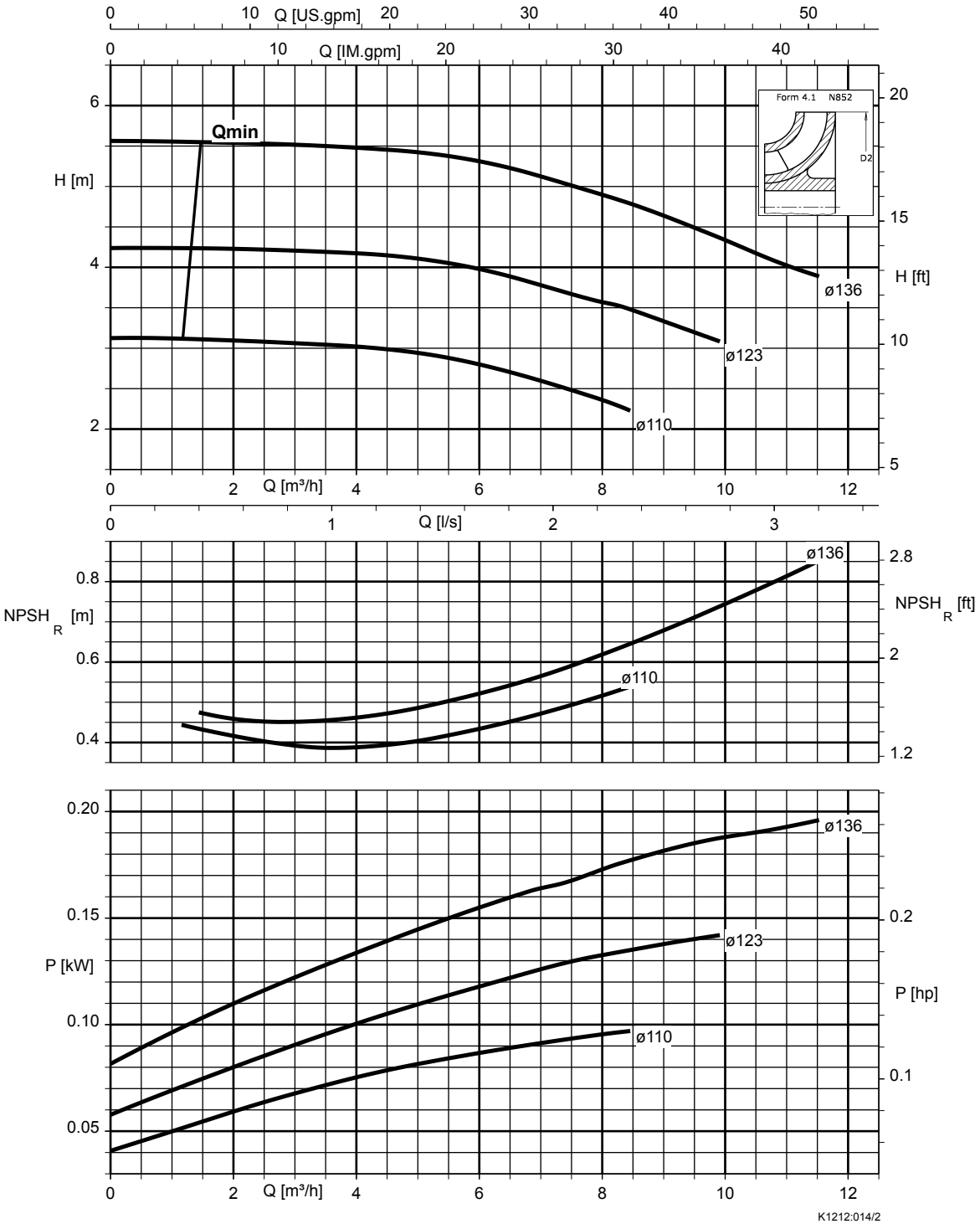


n = 1450 min⁻¹

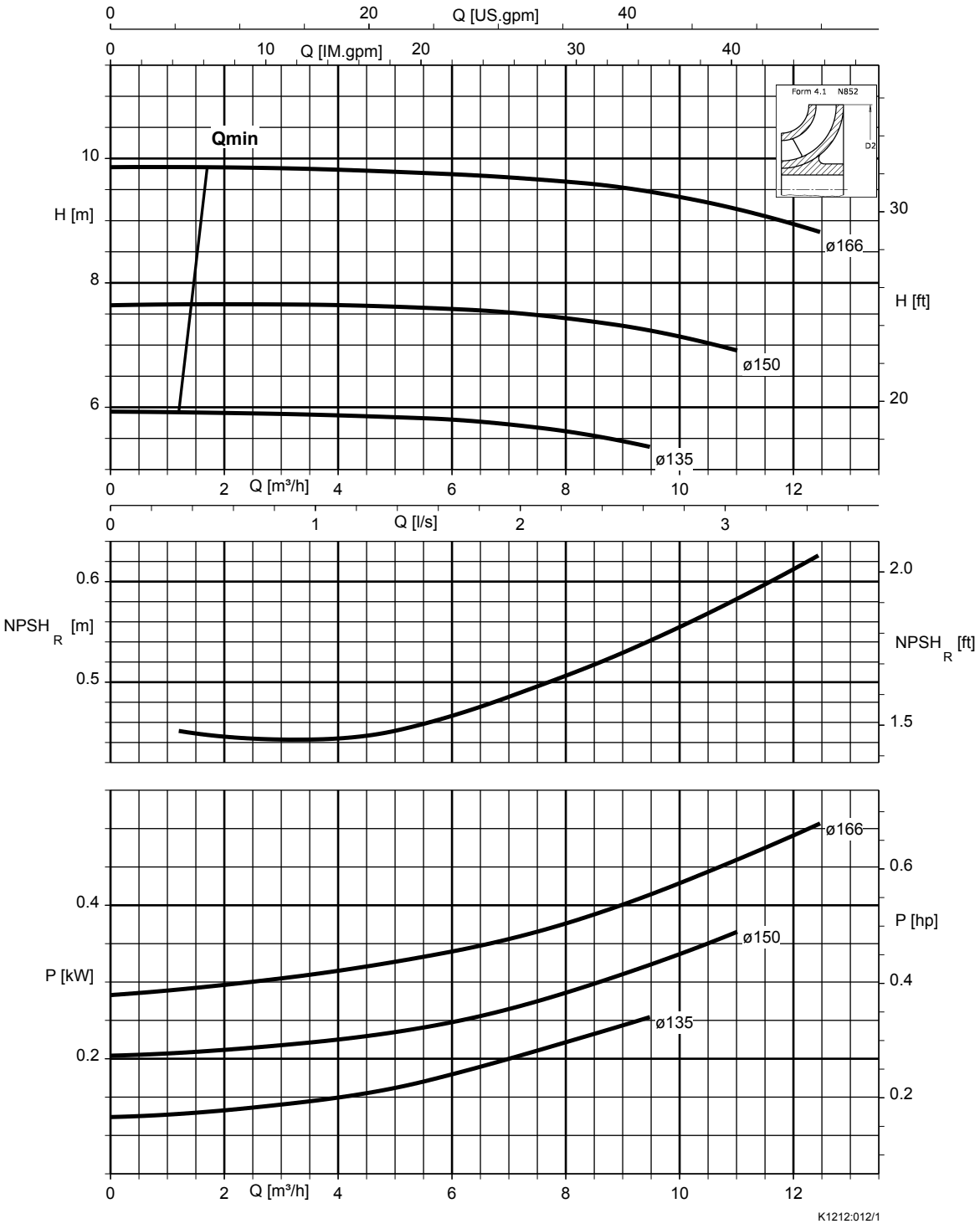
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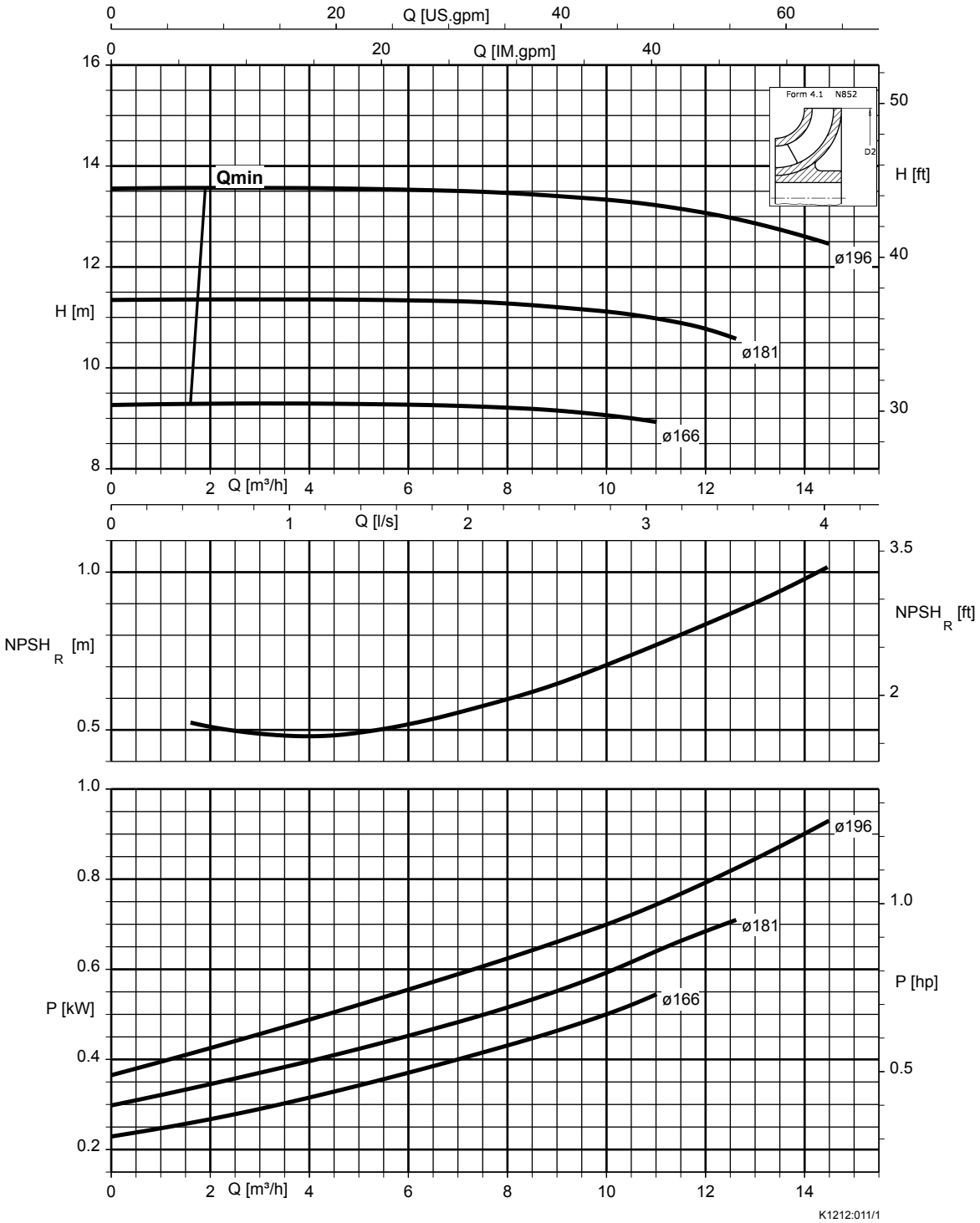
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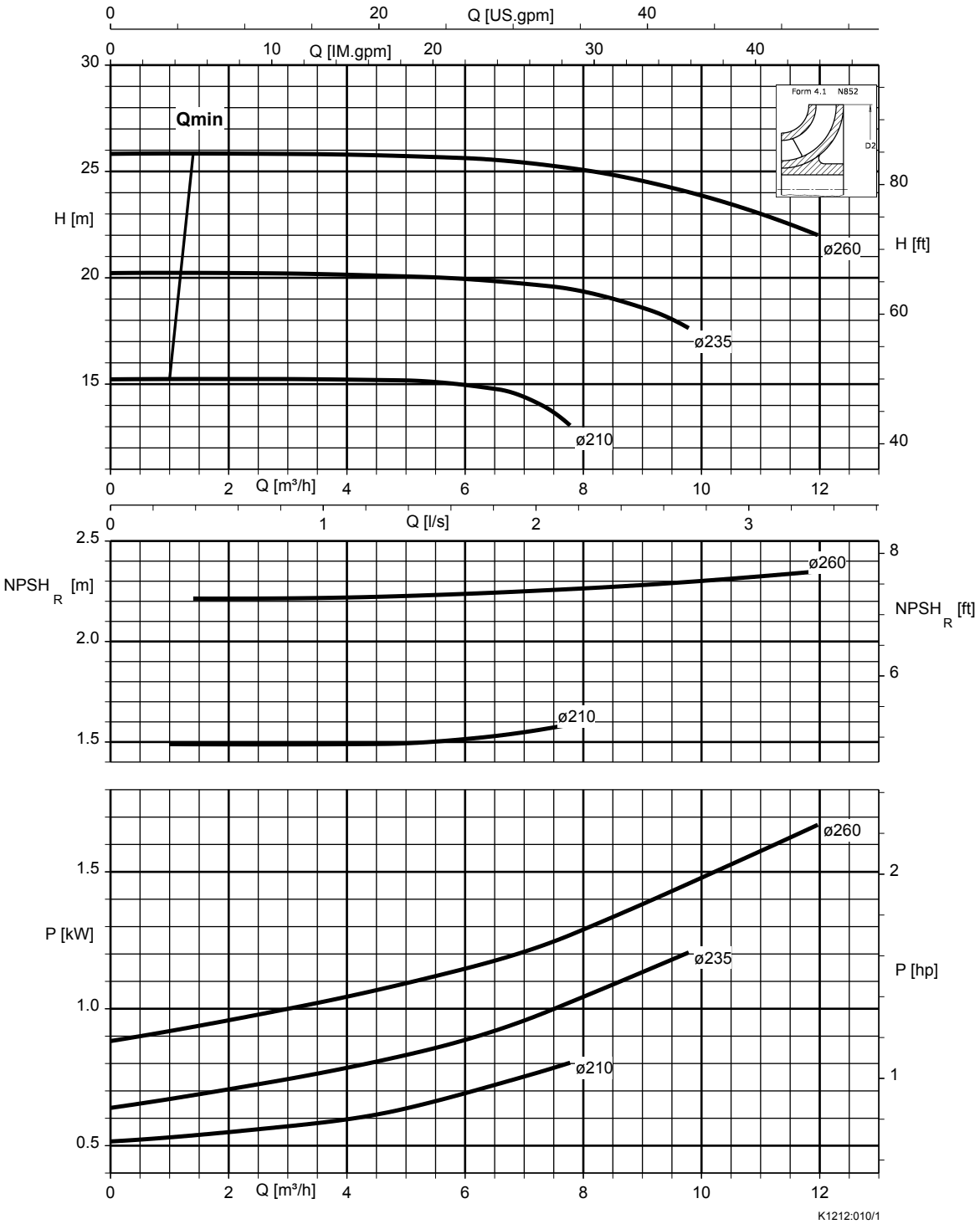
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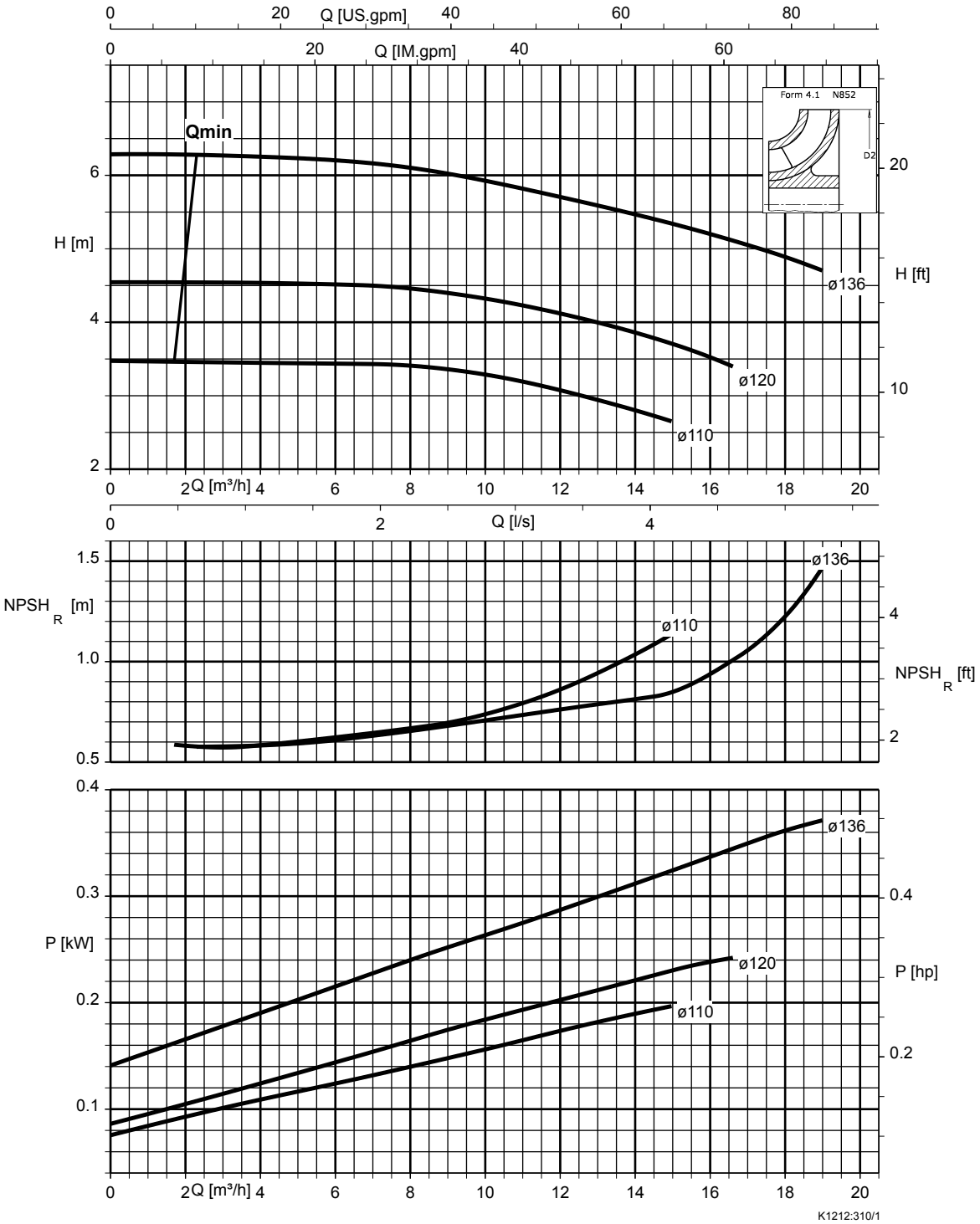
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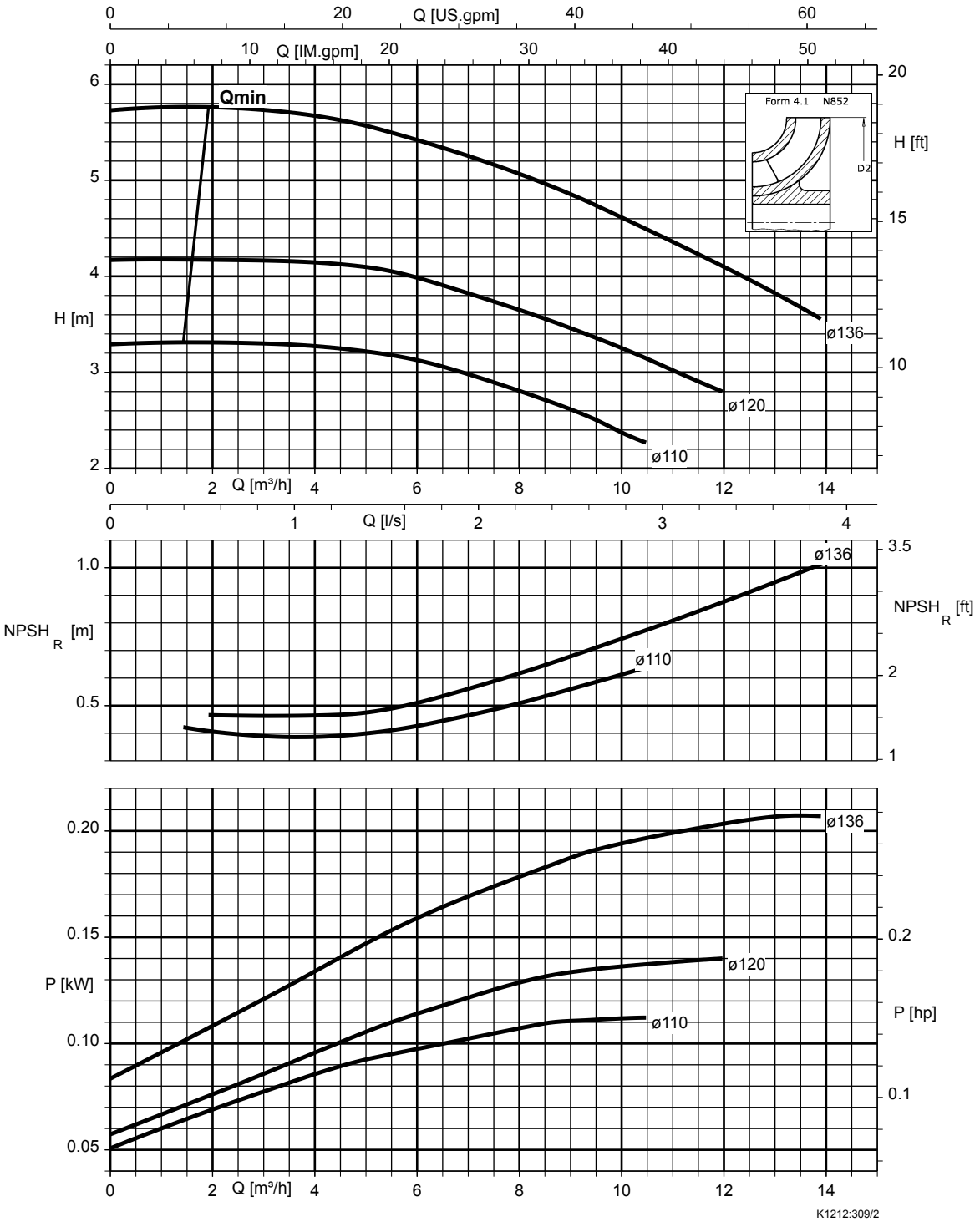
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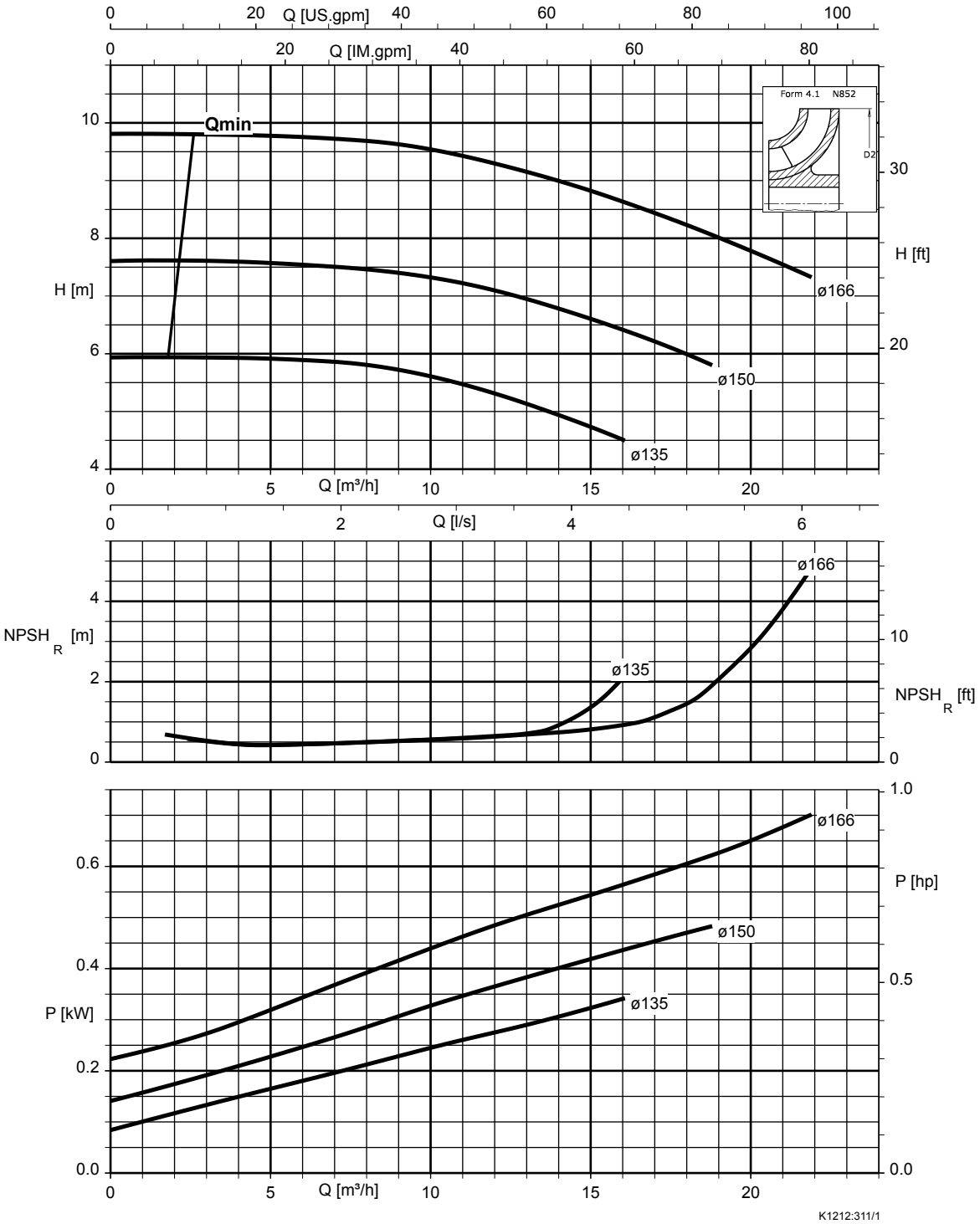
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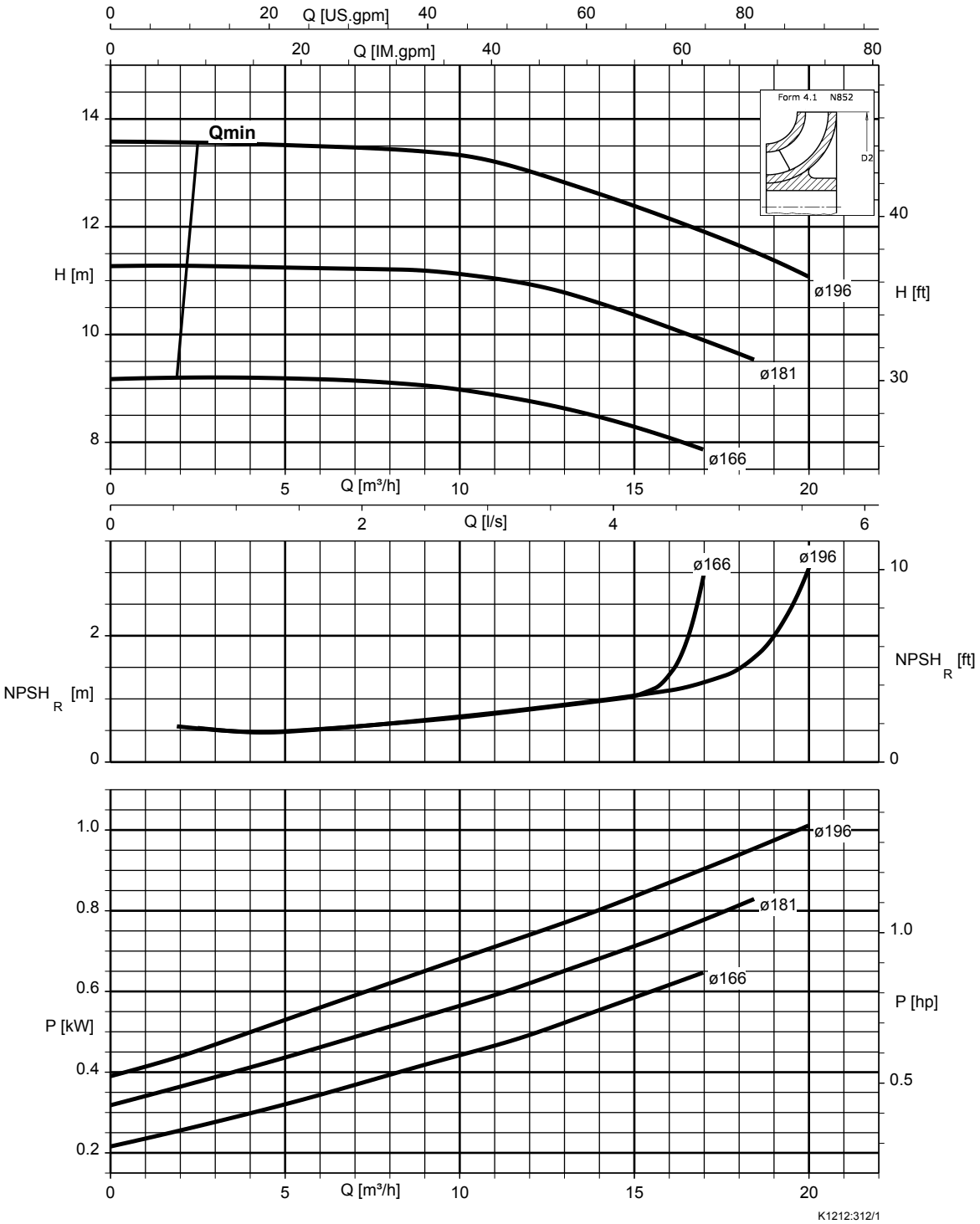
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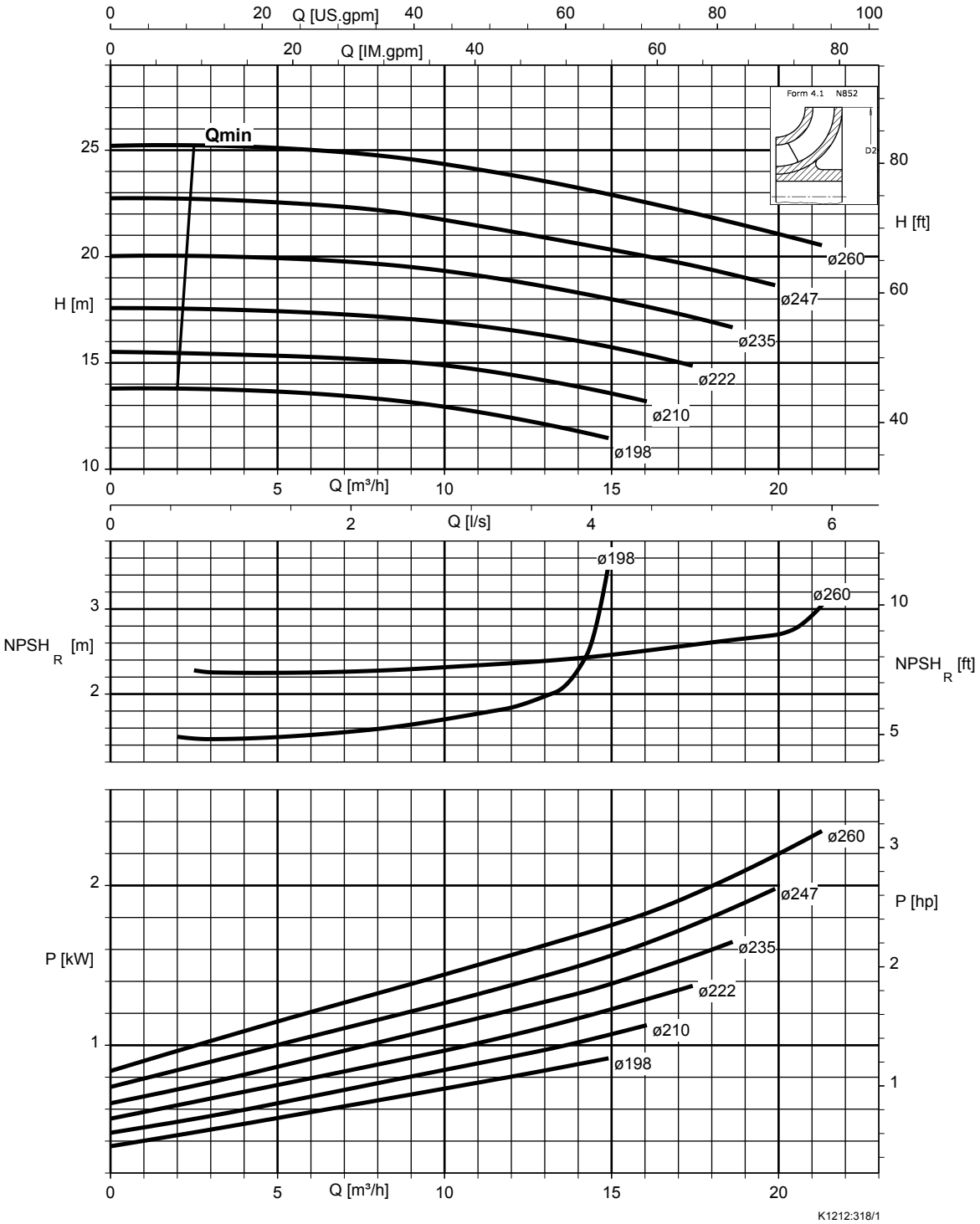
Etachrom L / Etachrom B, 050-032-160, n = 1450 min⁻¹



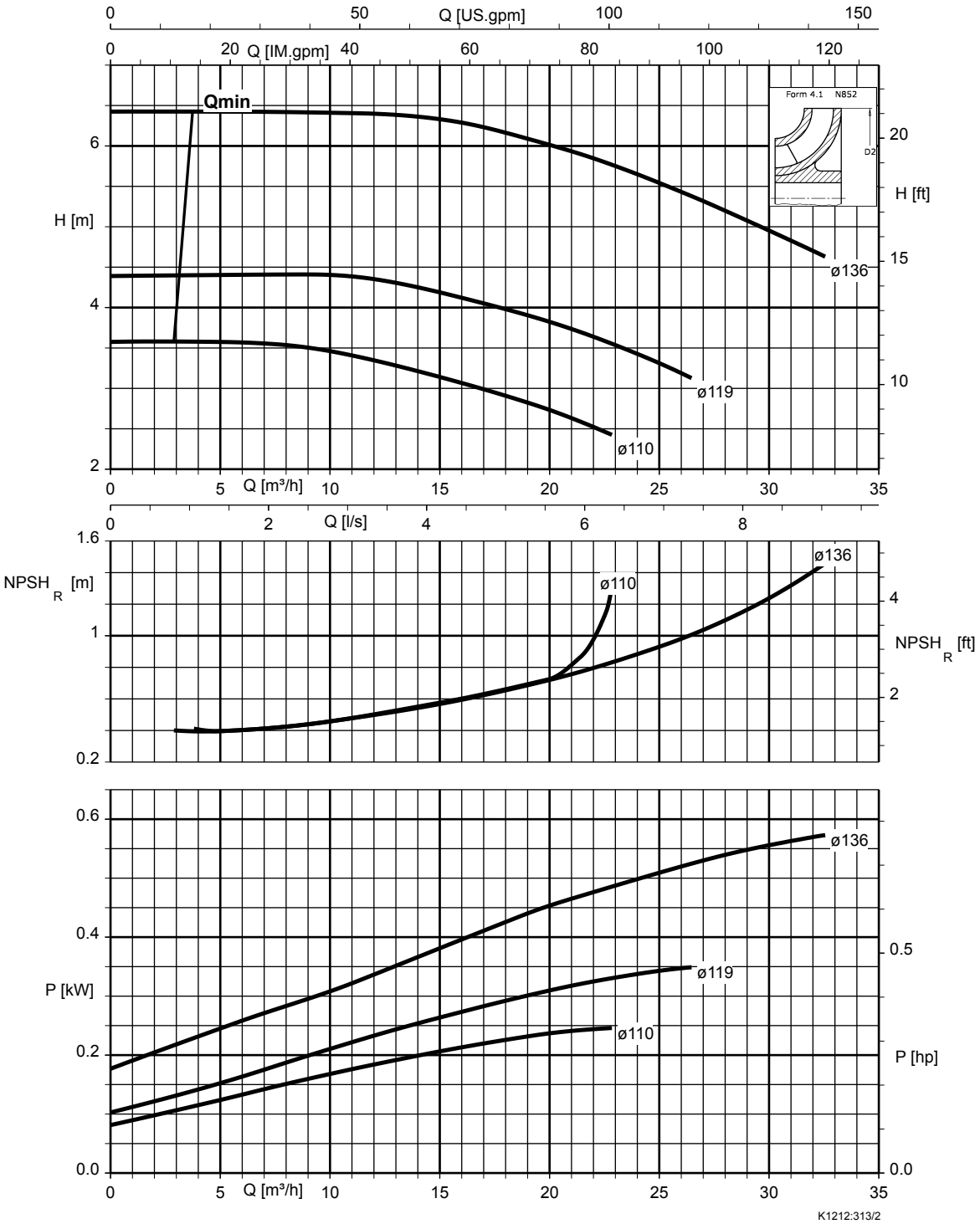
Etachrom L / Etachrom B, 050-032-200, n = 1450 min⁻¹



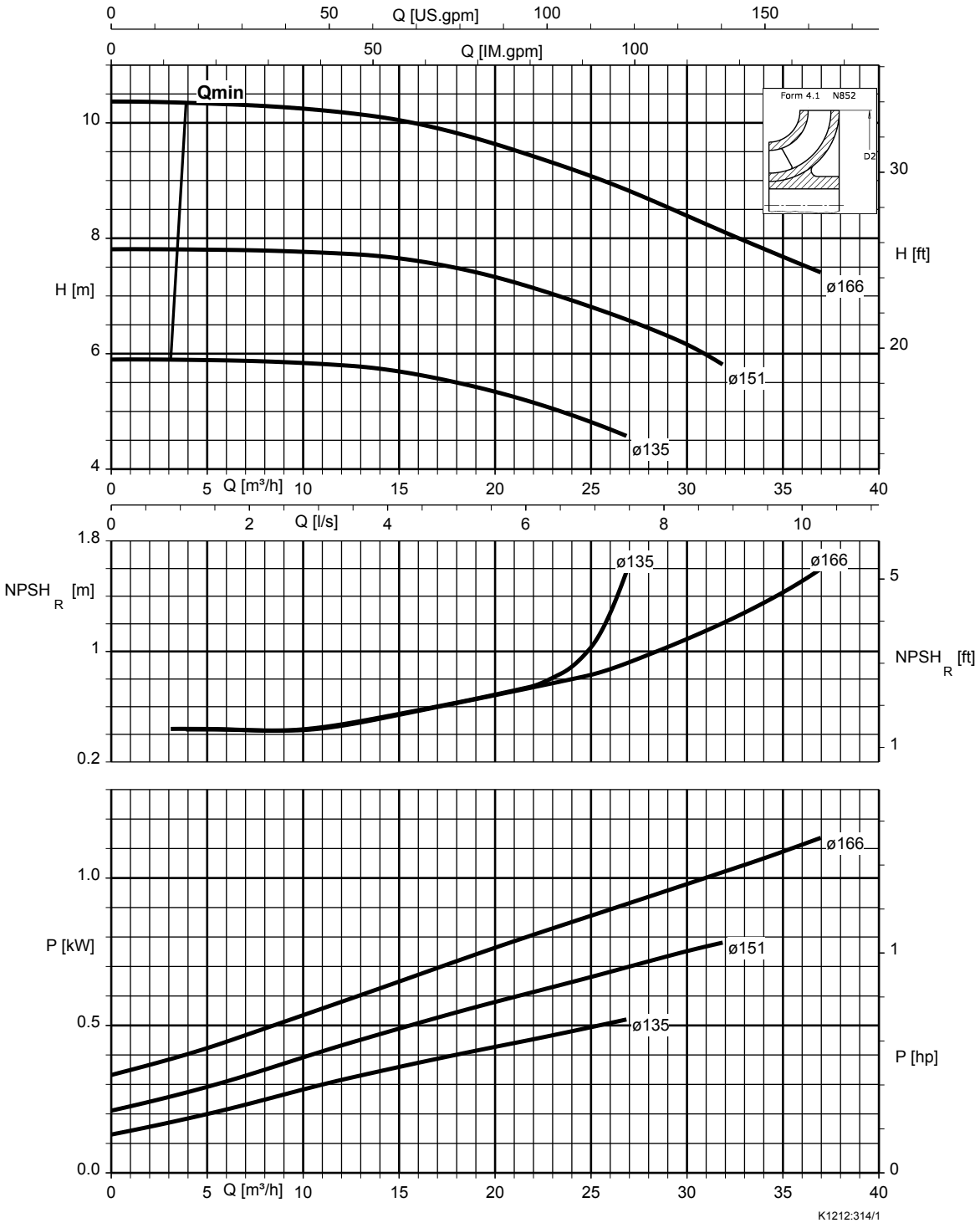
Etachrom L / Etachrom B, 050-032-250, n = 1450 min⁻¹



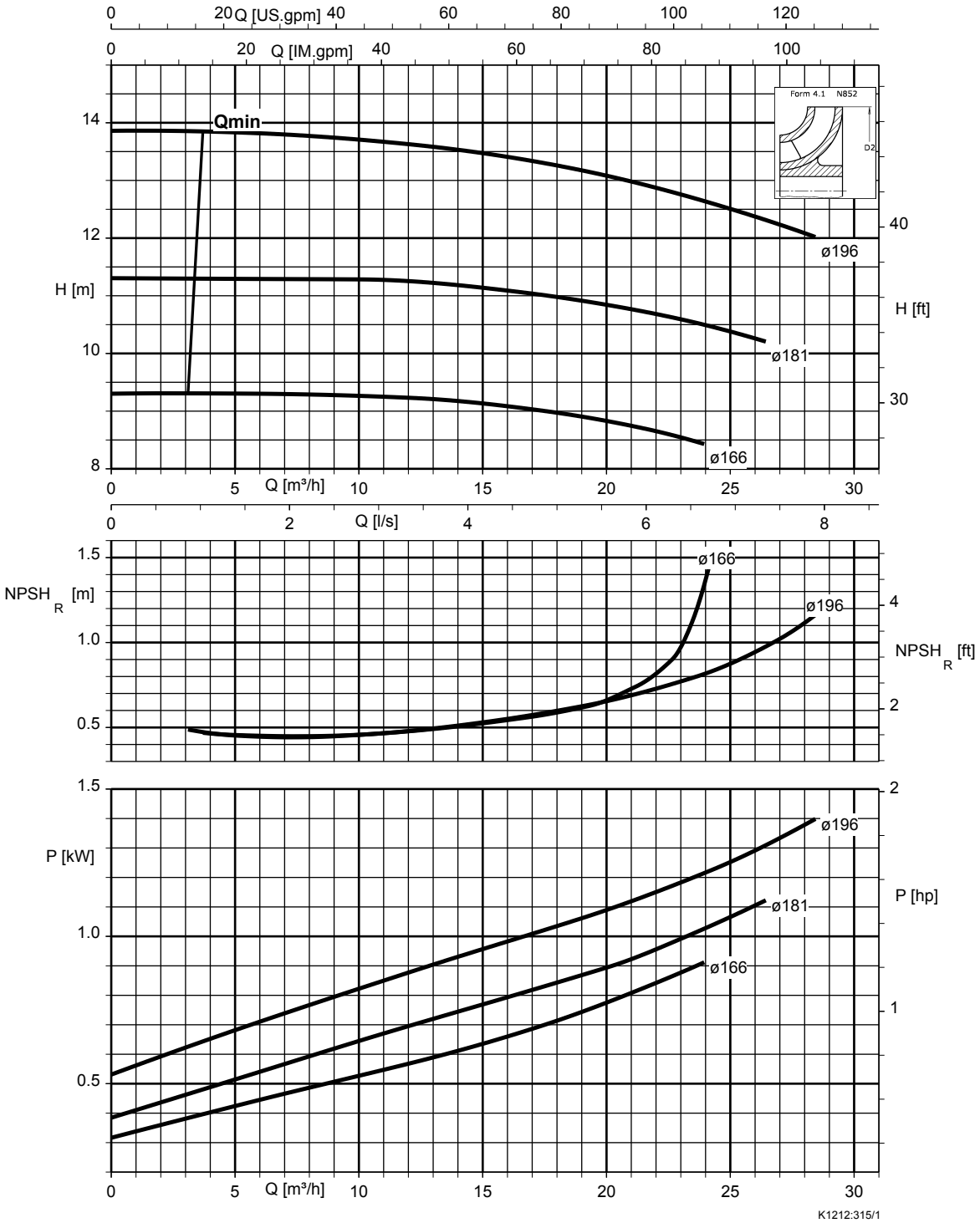
Etachrom L / Etachrom B, 065-040-125, n = 1450 min⁻¹



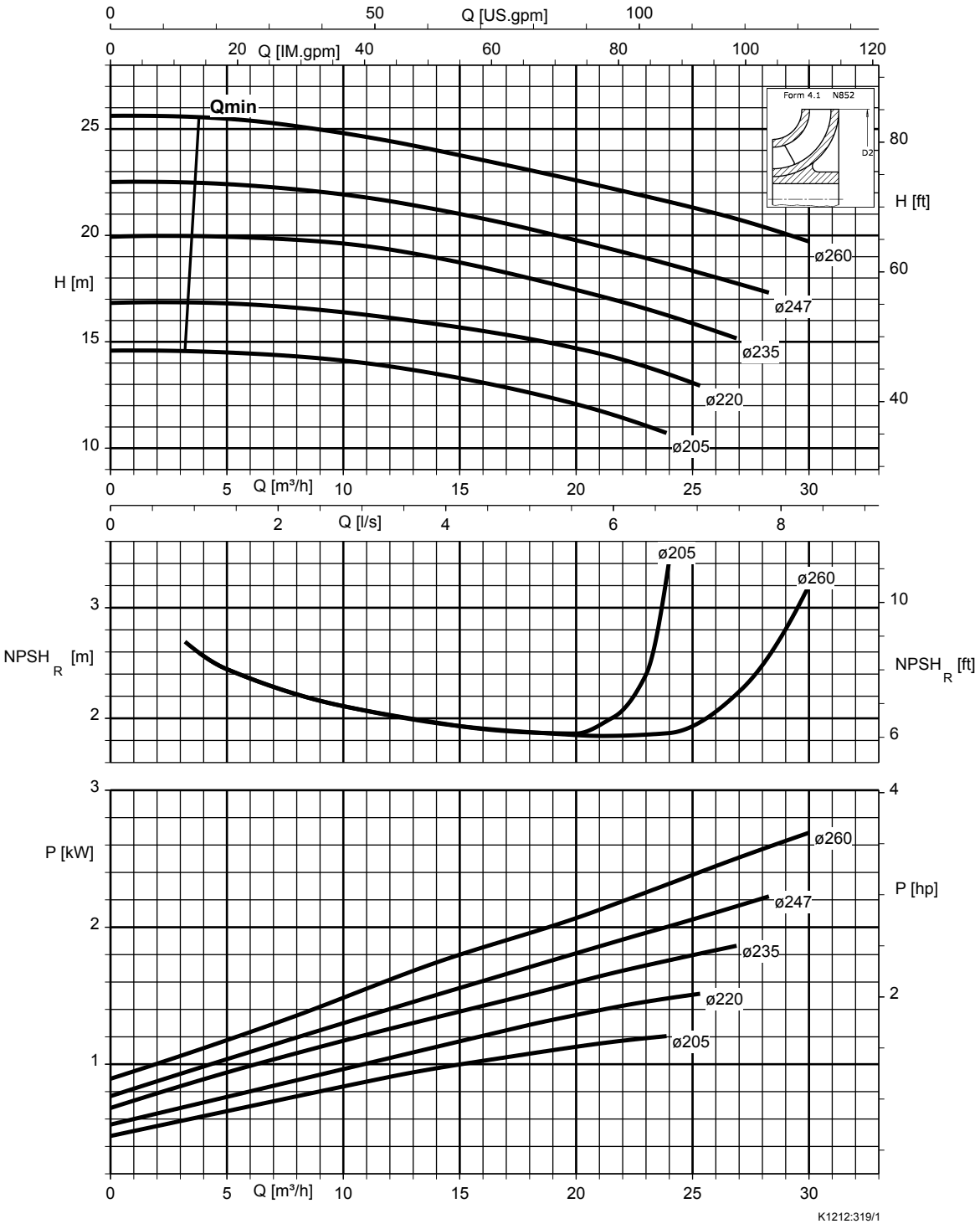
Etachrom L / Etachrom B, 065-040-160, n = 1450 min⁻¹



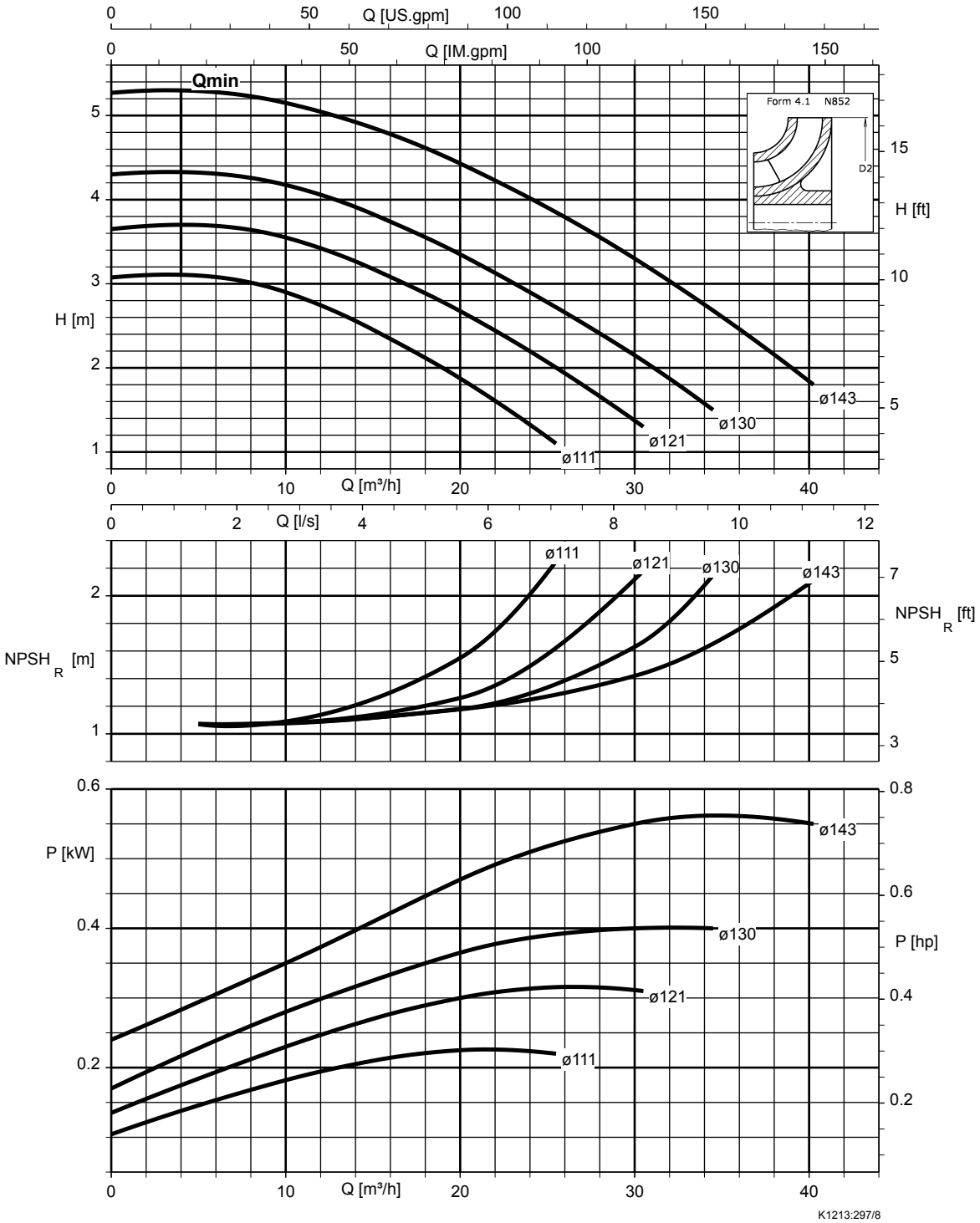
Etachrom L / Etachrom B, 065-040-200, n = 1450 min⁻¹



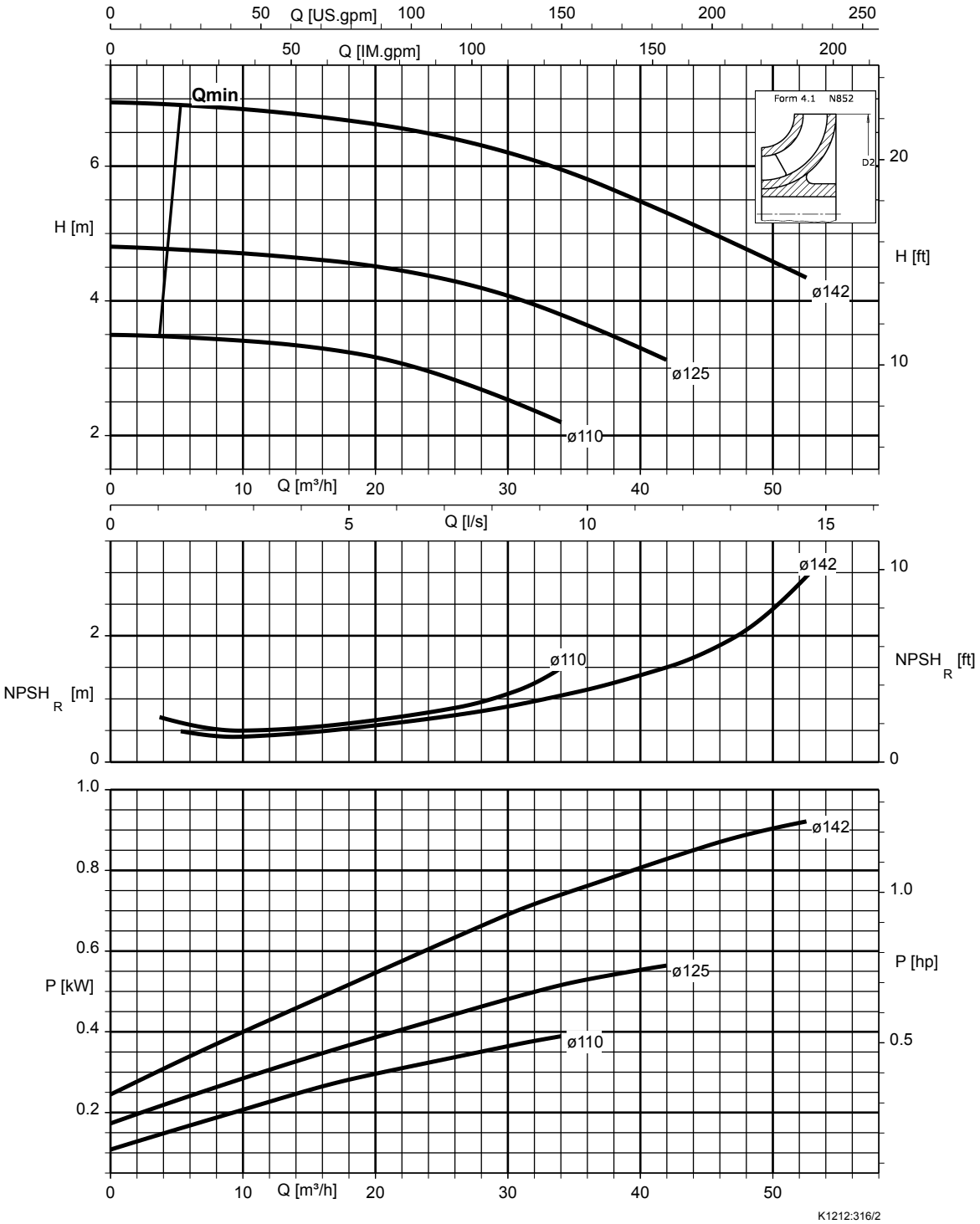
Etachrom L / Etachrom B, 065-040-250, n = 1450 min⁻¹



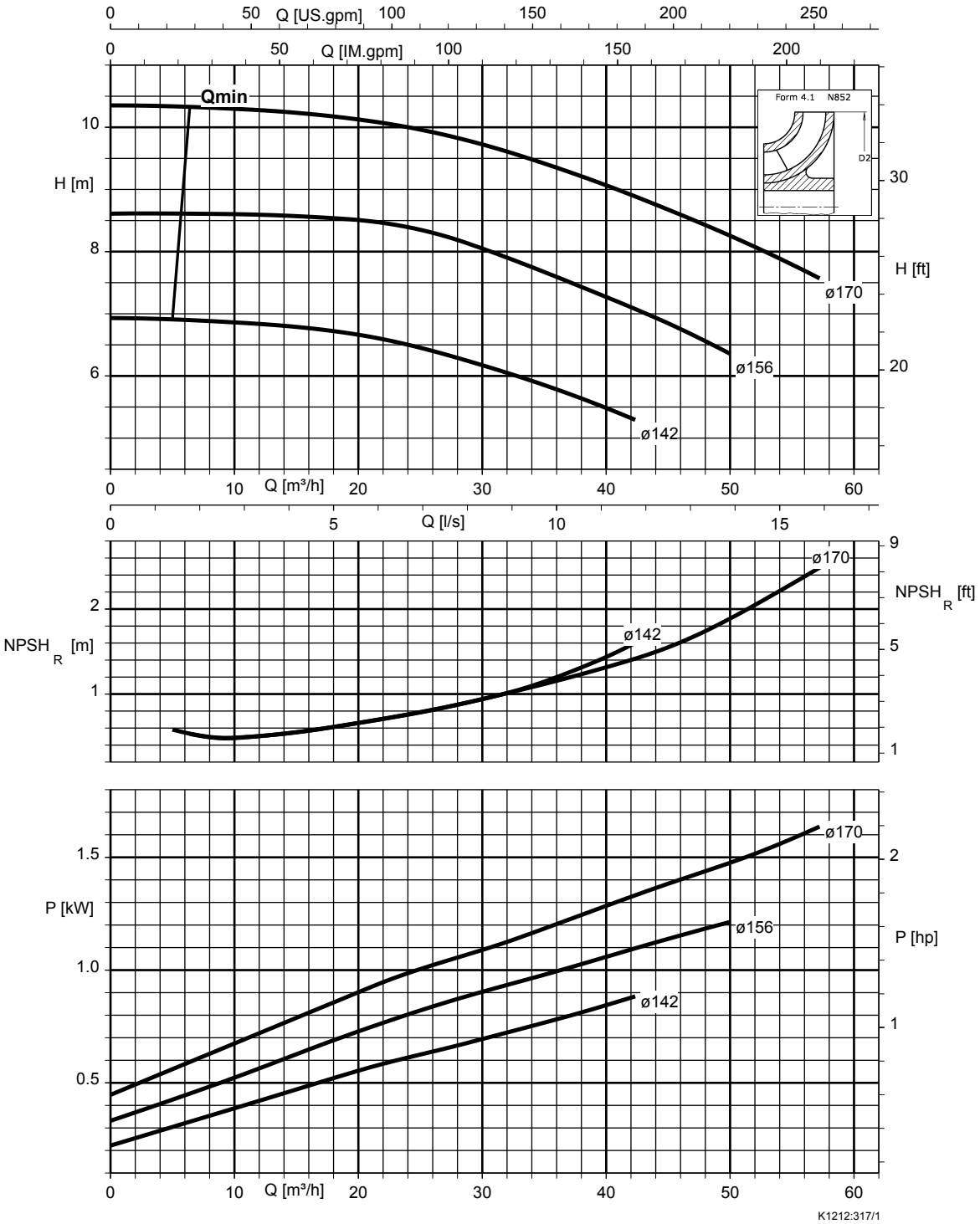
Etachrom B, 065-050-125, n = 1450 min⁻¹, mit Freistromrad



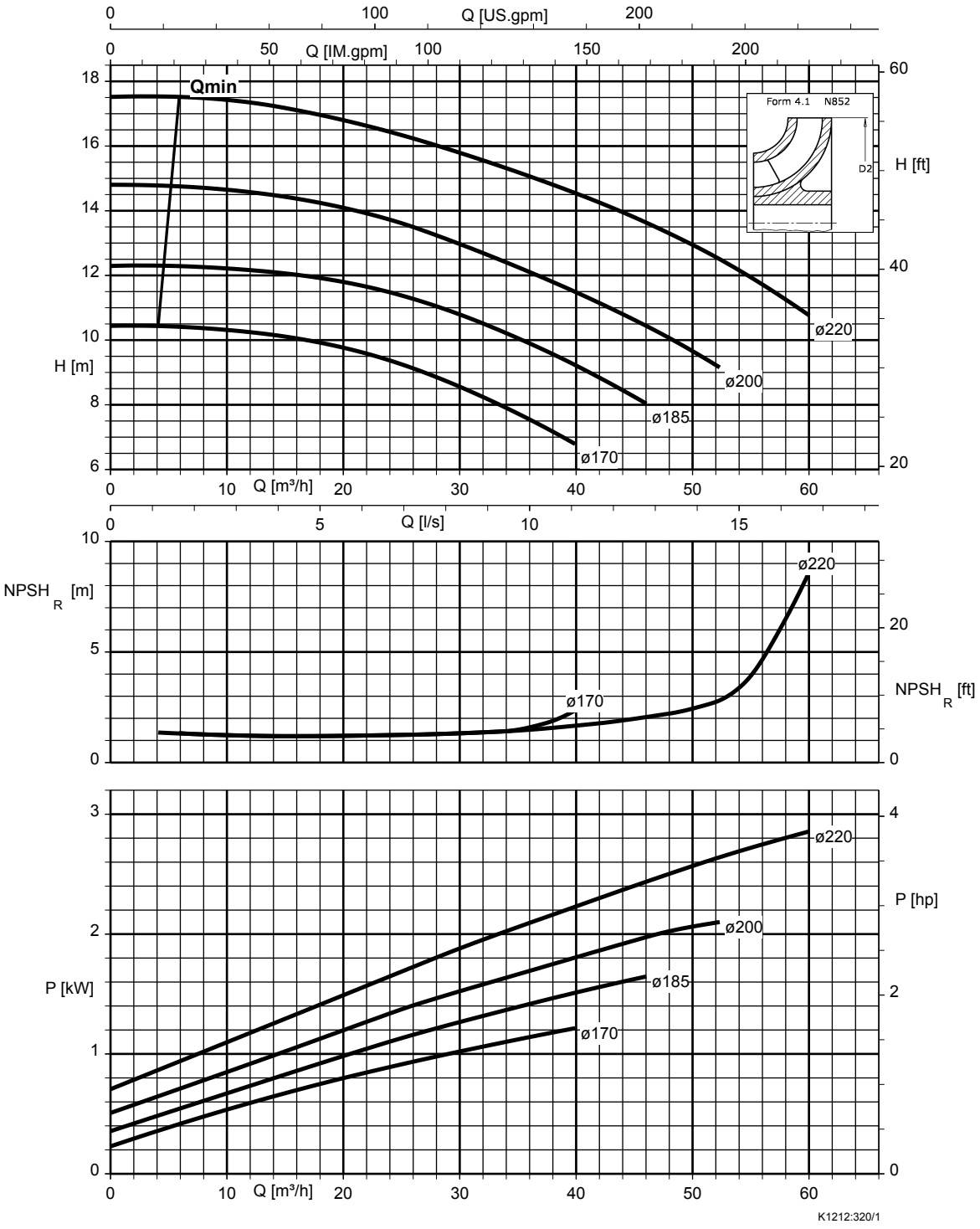
Etachrom L / Etachrom B, 065-050-125, n = 1450 min⁻¹



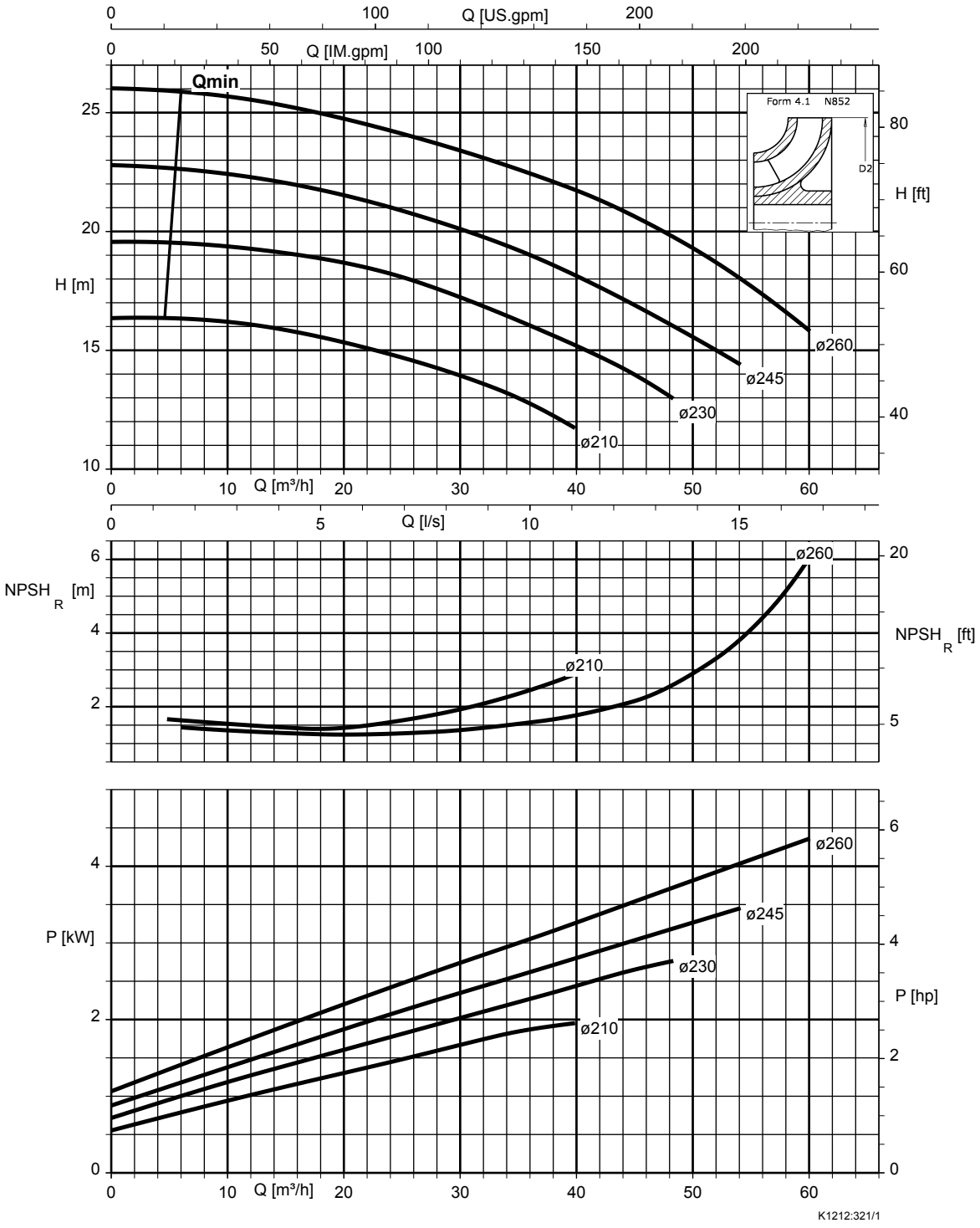
Etachrom L / Etachrom B, 065-050-160, n = 1450 min⁻¹



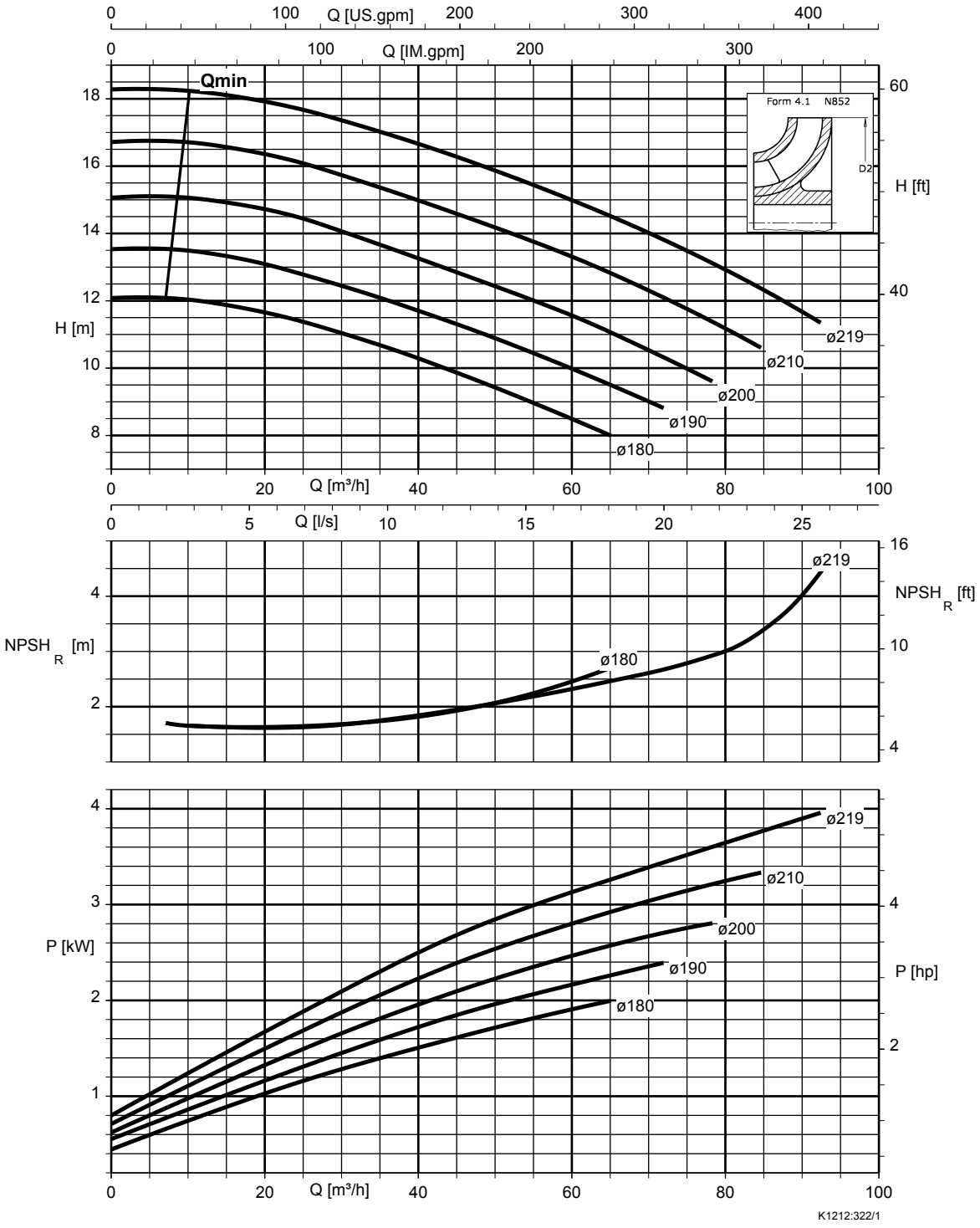
Etachrom L / Etachrom B, 065-050-200, n = 1450 min⁻¹



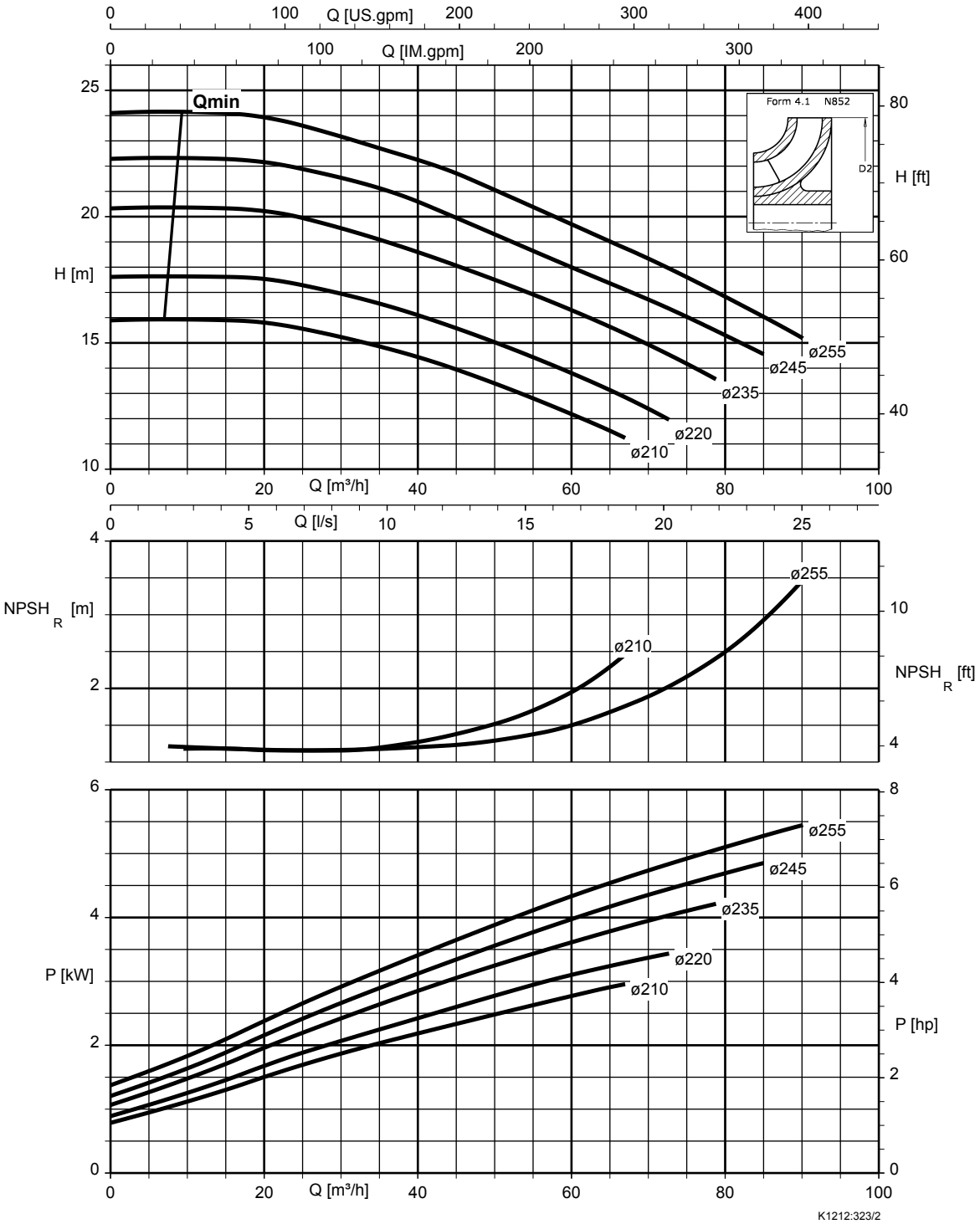
Etachrom L / Etachrom B, 065-050-250, n = 1450 min⁻¹



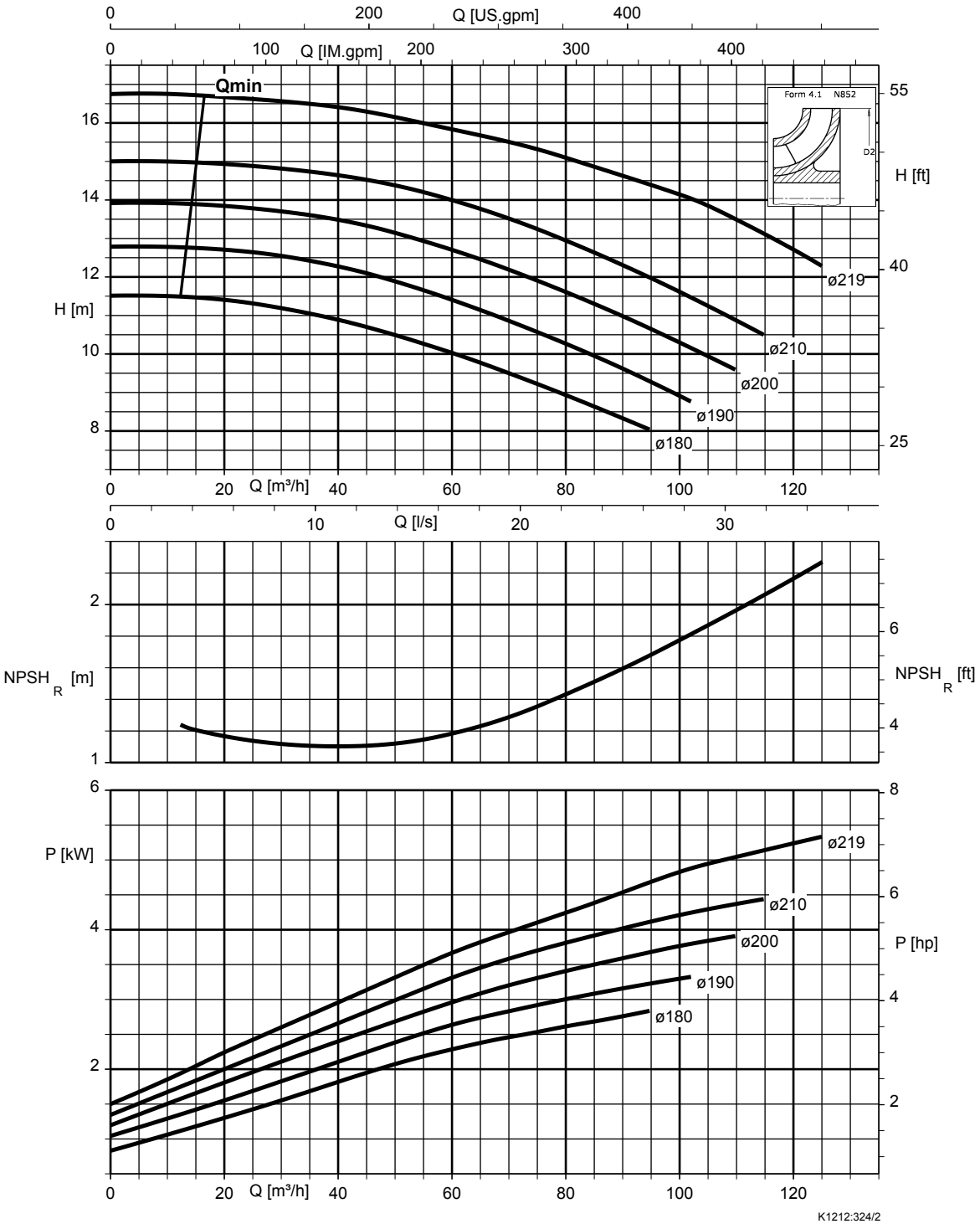
Etachrom L / Etachrom B, 080-065-200, n = 1450 min⁻¹



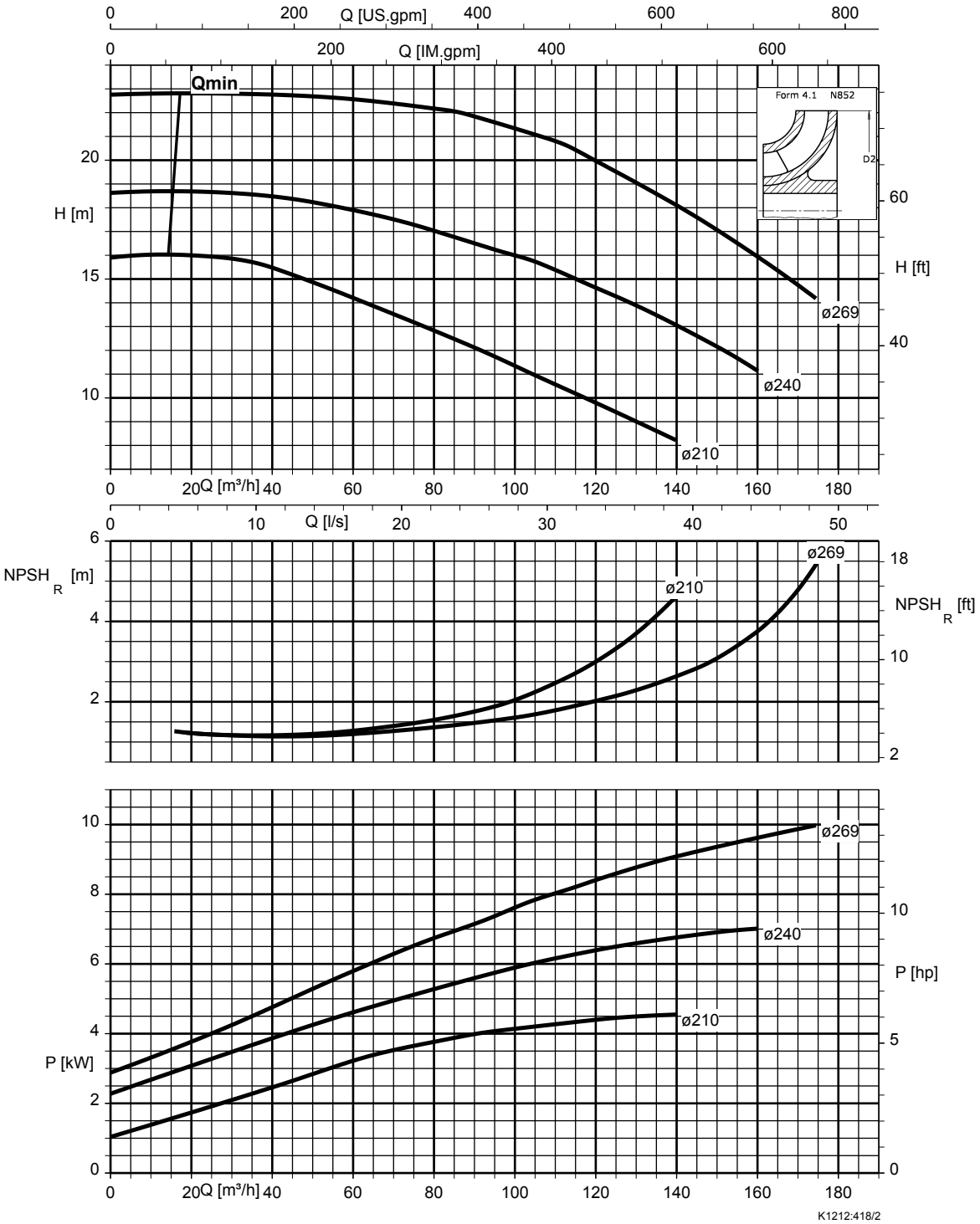
Etachrom L / Etachrom B, 080-065-250, n = 1450 min⁻¹



Etachrom L / Etachrom B, 100-080-200, n = 1450 min⁻¹

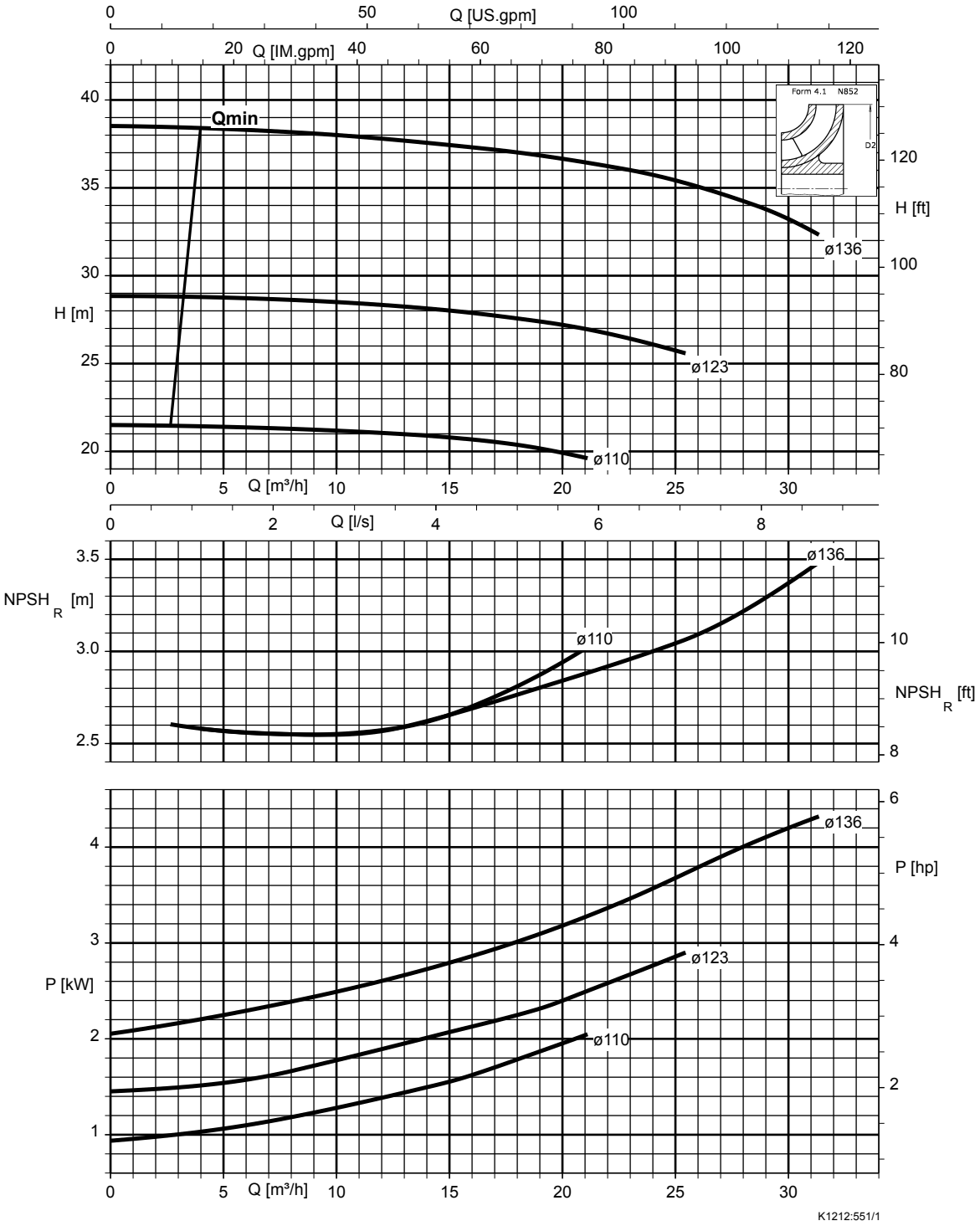


Etachrom L / Etachrom B, 100-080-250, n = 1450 min⁻¹

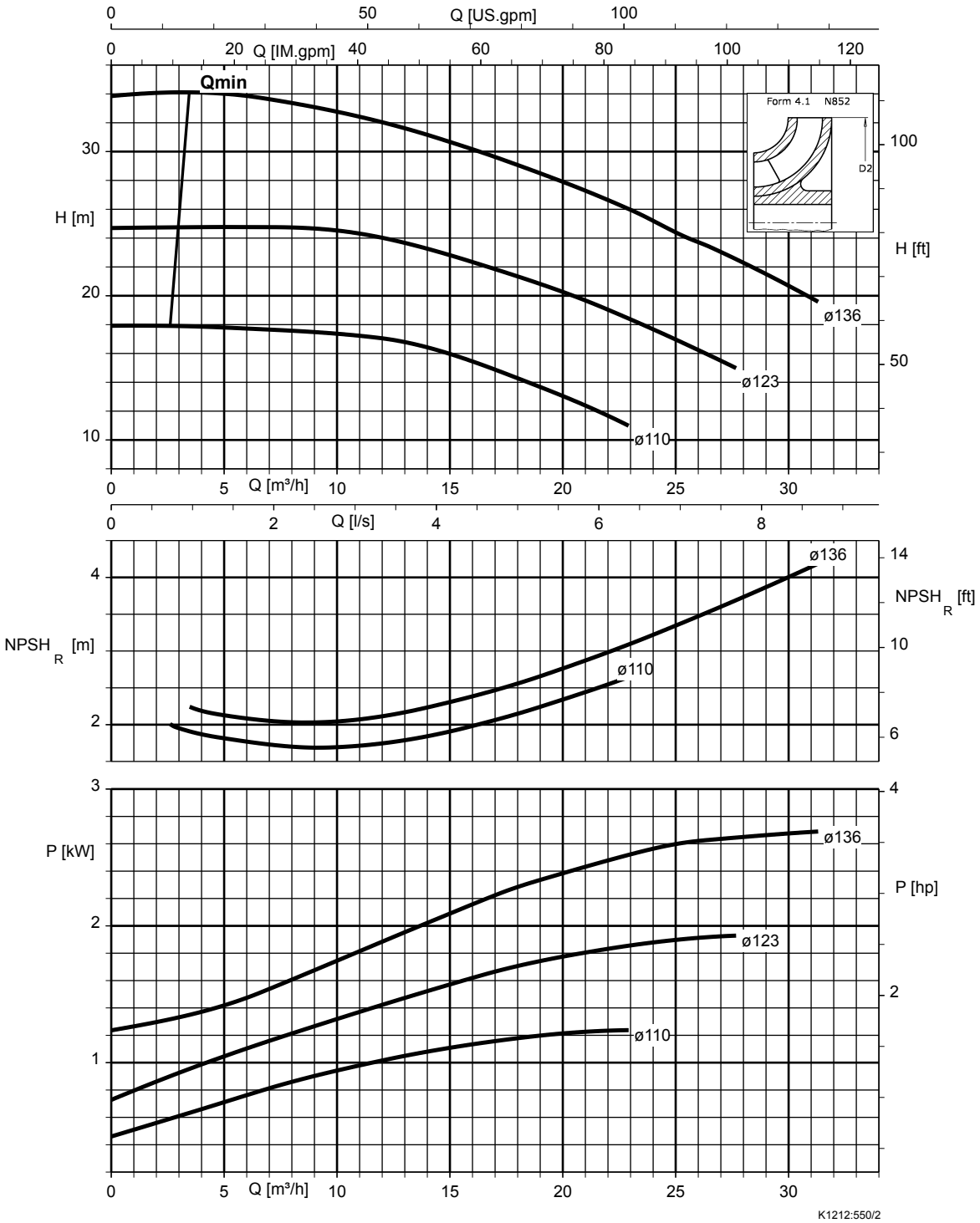


n = 3500 min⁻¹

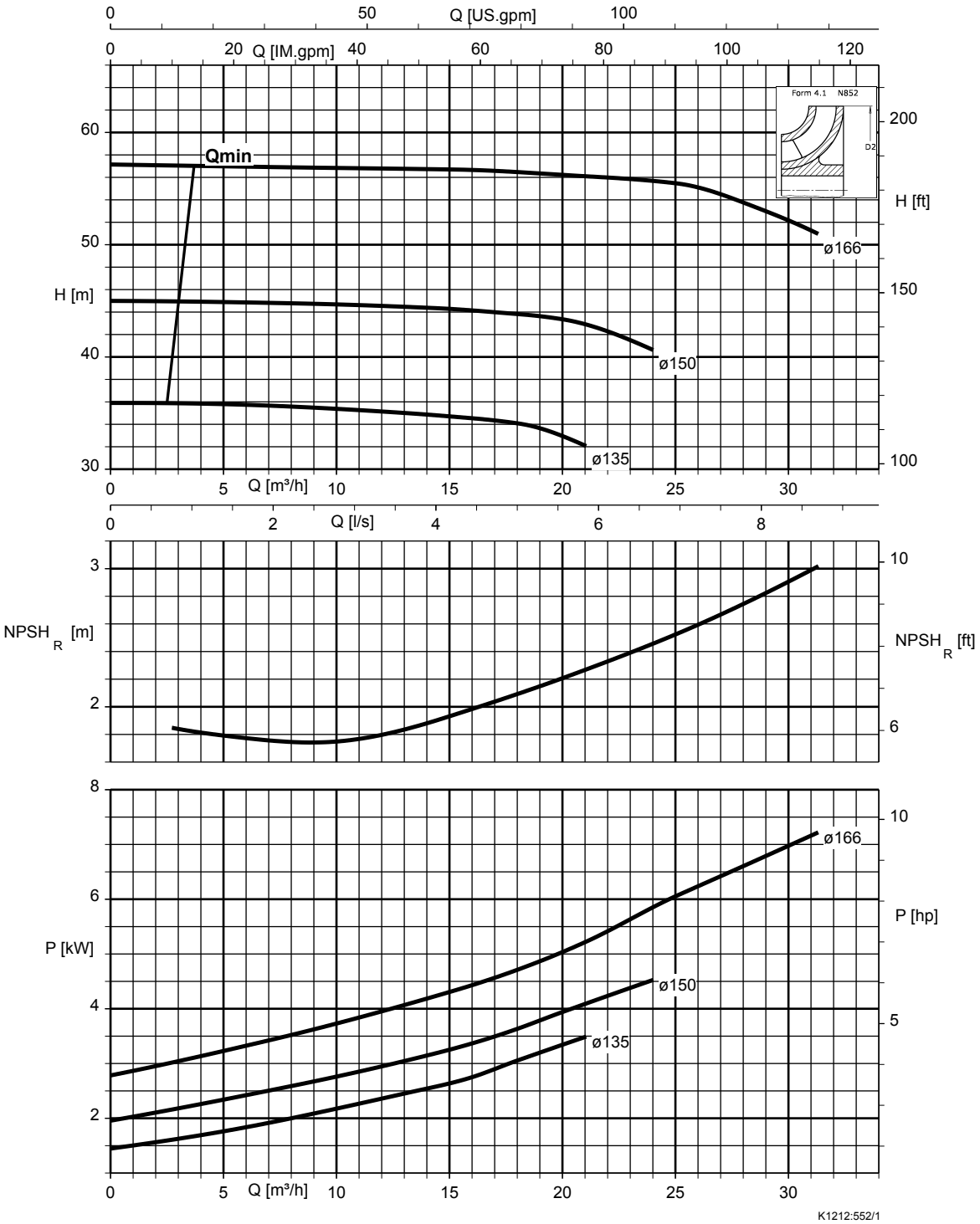
Etachrom L / Etachrom B, 050-025-125, n = 3500 min⁻¹



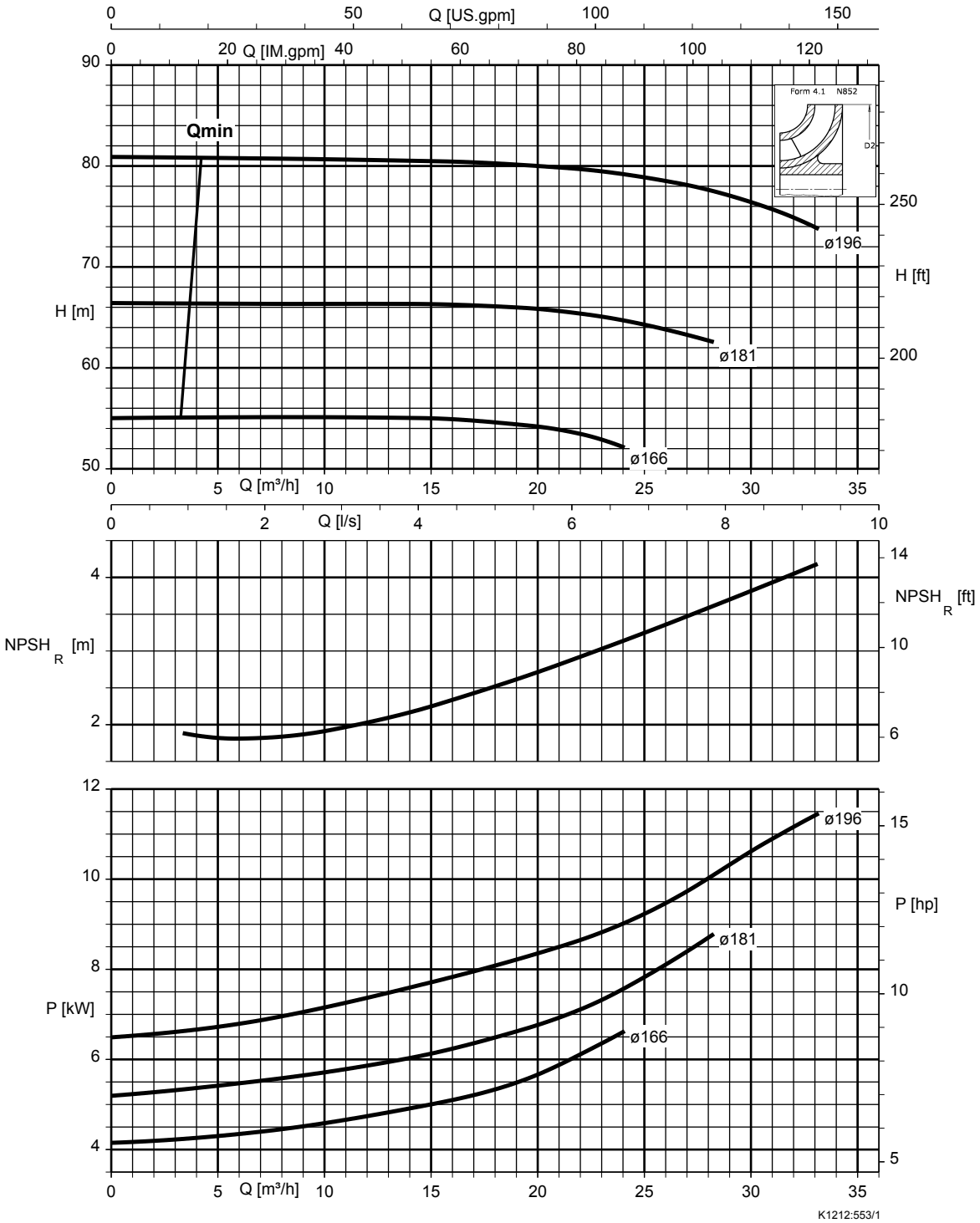
Etachrom L / Etachrom B, 050-025-125.1, n = 3500 min⁻¹



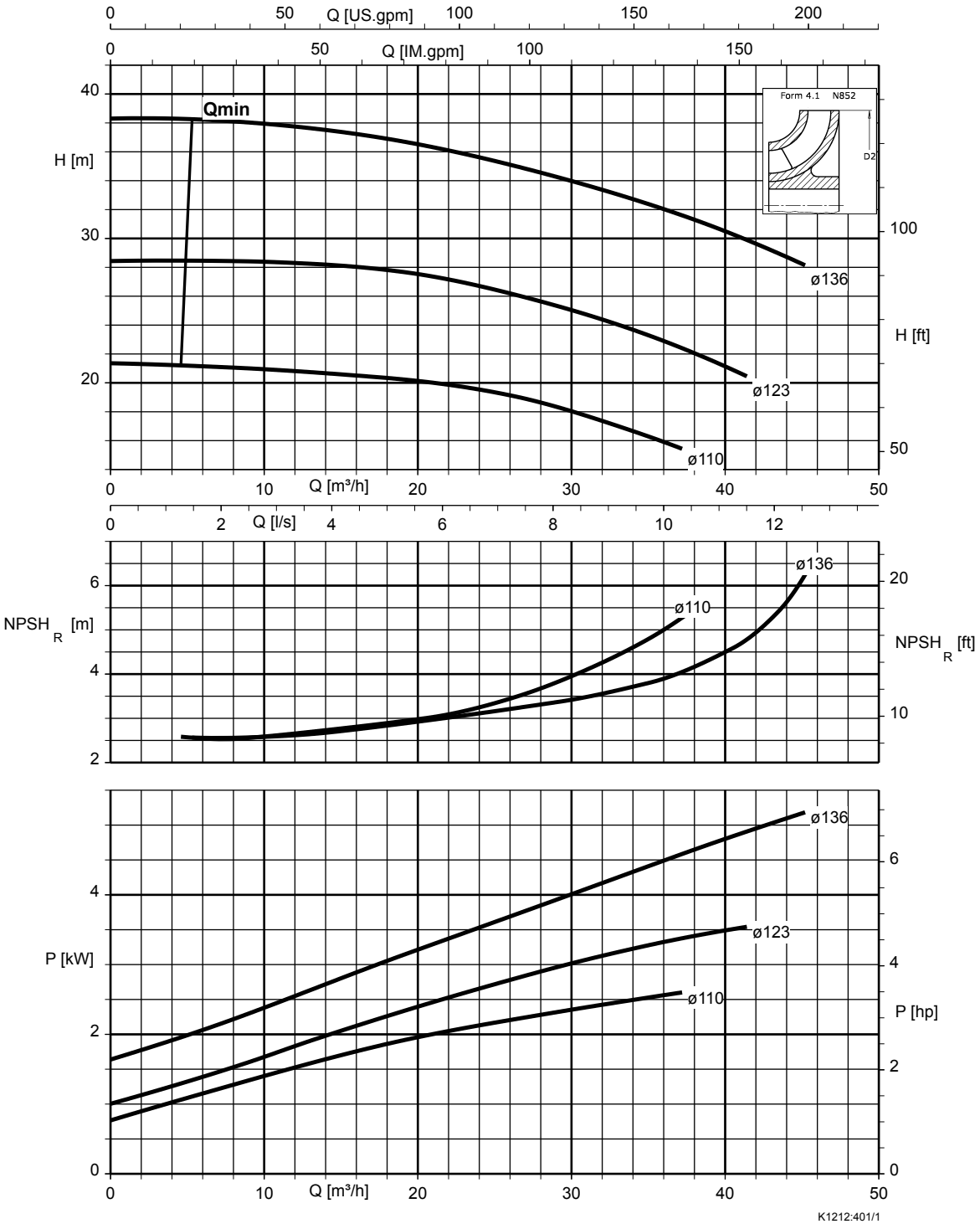
Etachrom L / Etachrom B, 050-025-160, n = 3500 min⁻¹



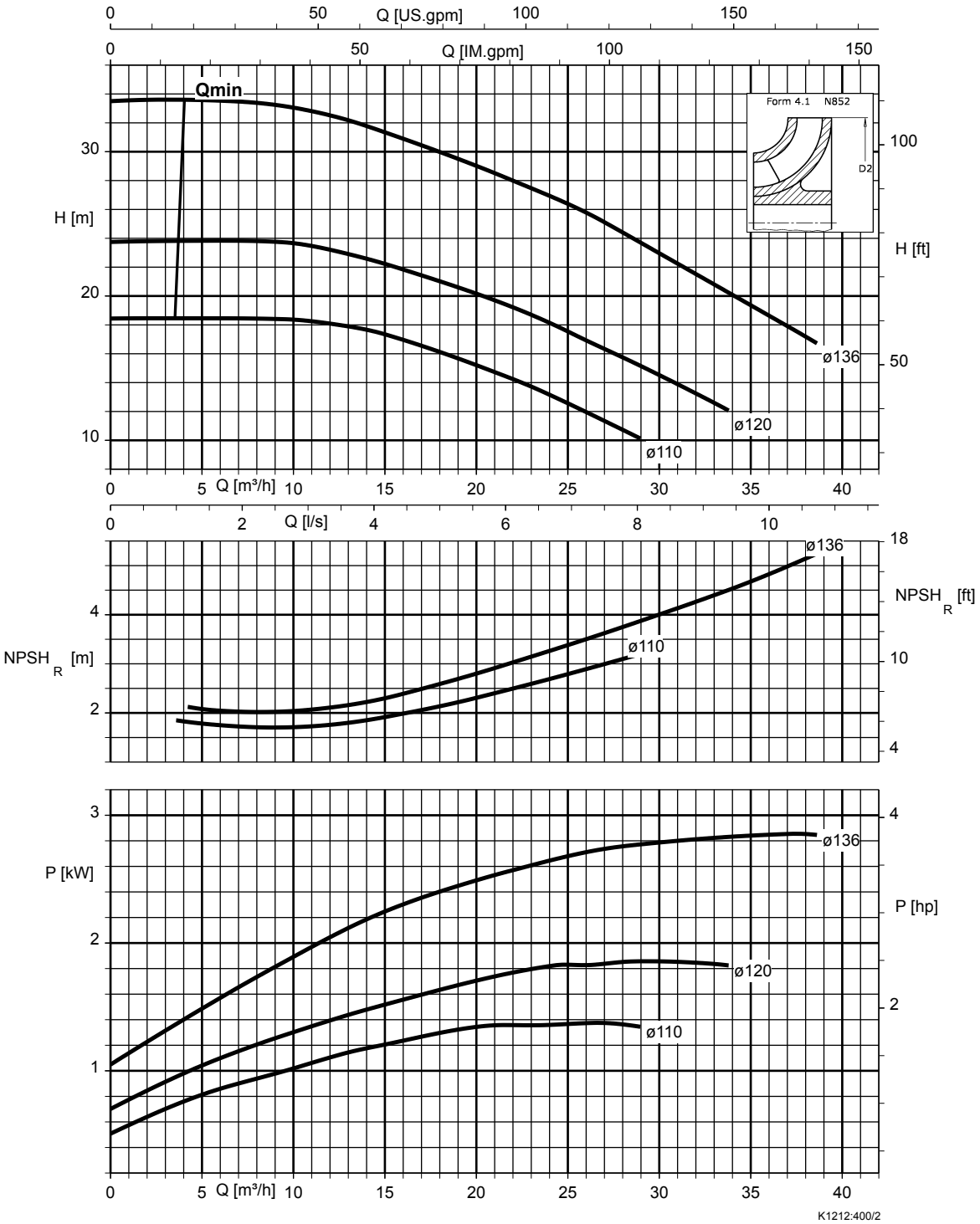
Etachrom L / Etachrom B, 050-025-200, n = 3500 min⁻¹



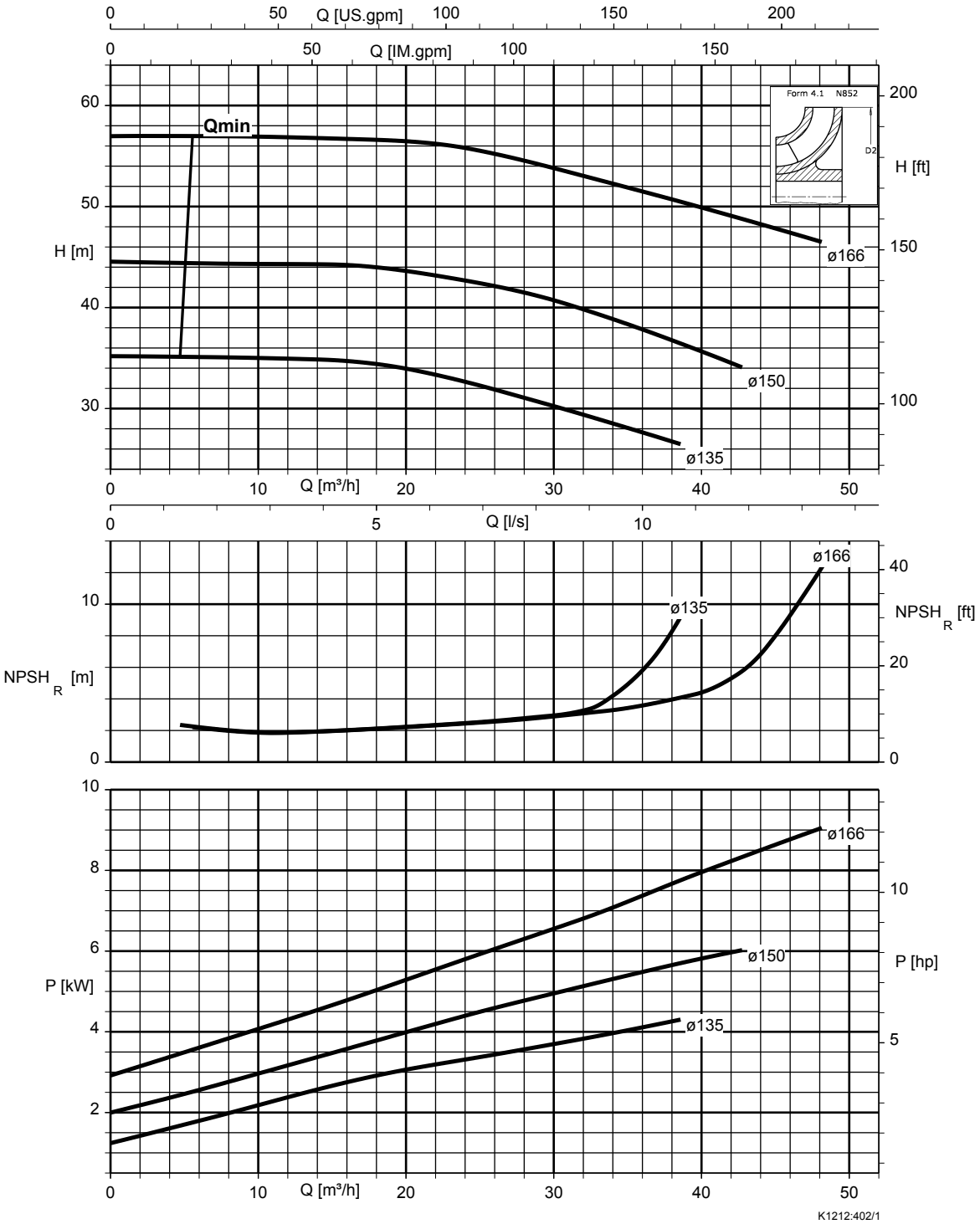
Etachrom L / Etachrom B, 050-032-125, n = 3500 min⁻¹



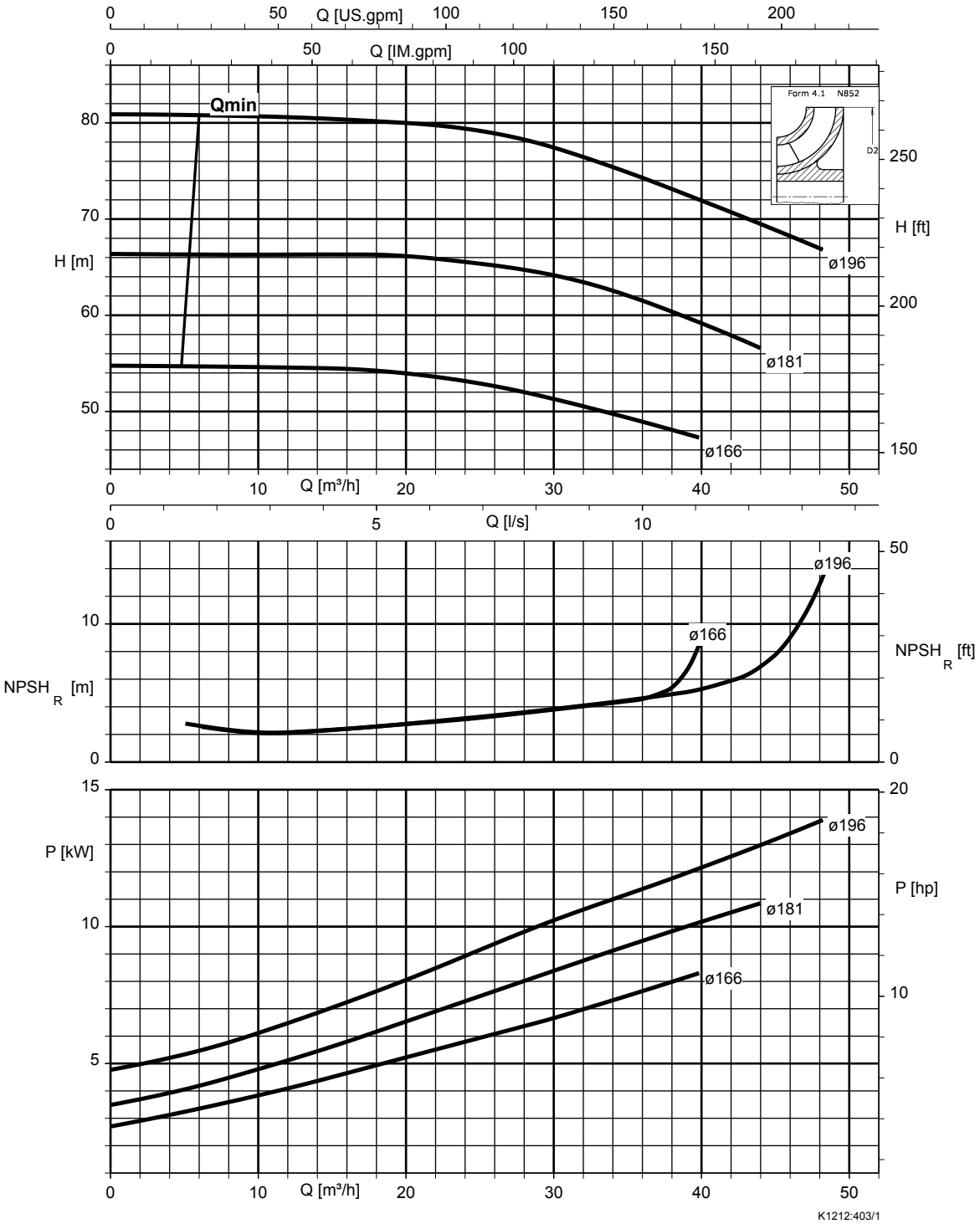
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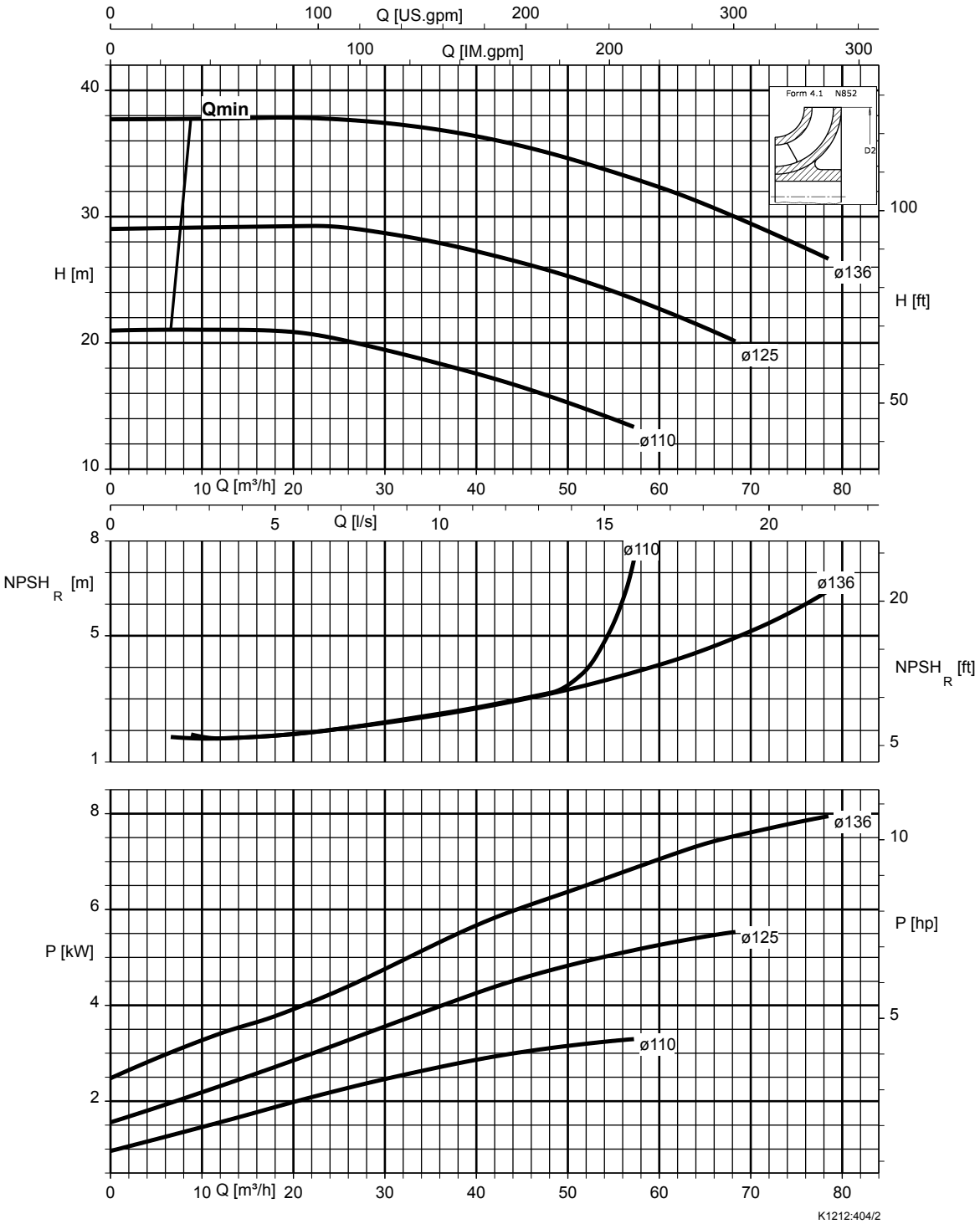
Etachrom L / Etachrom B, 050-032-160, n = 3500 min⁻¹



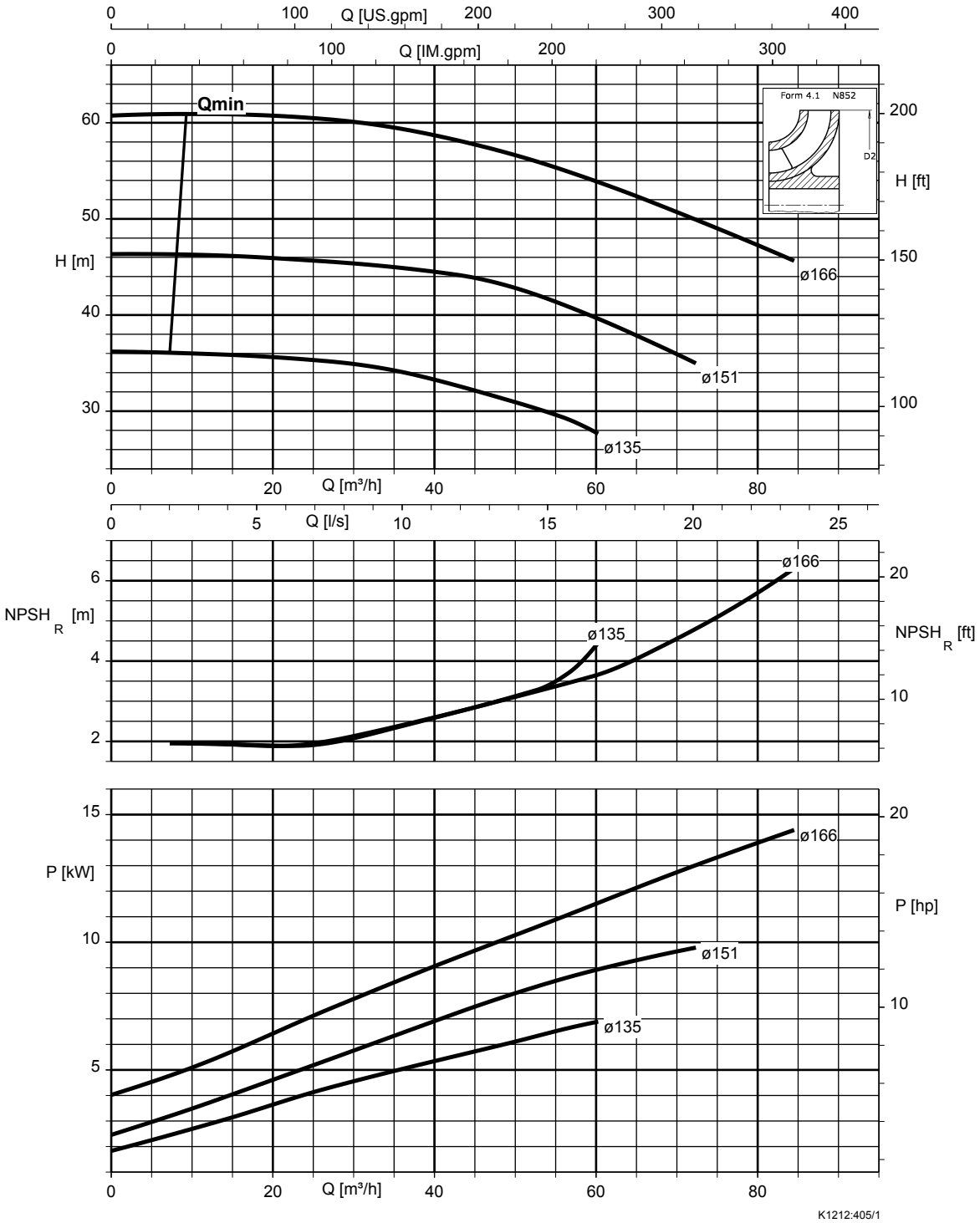
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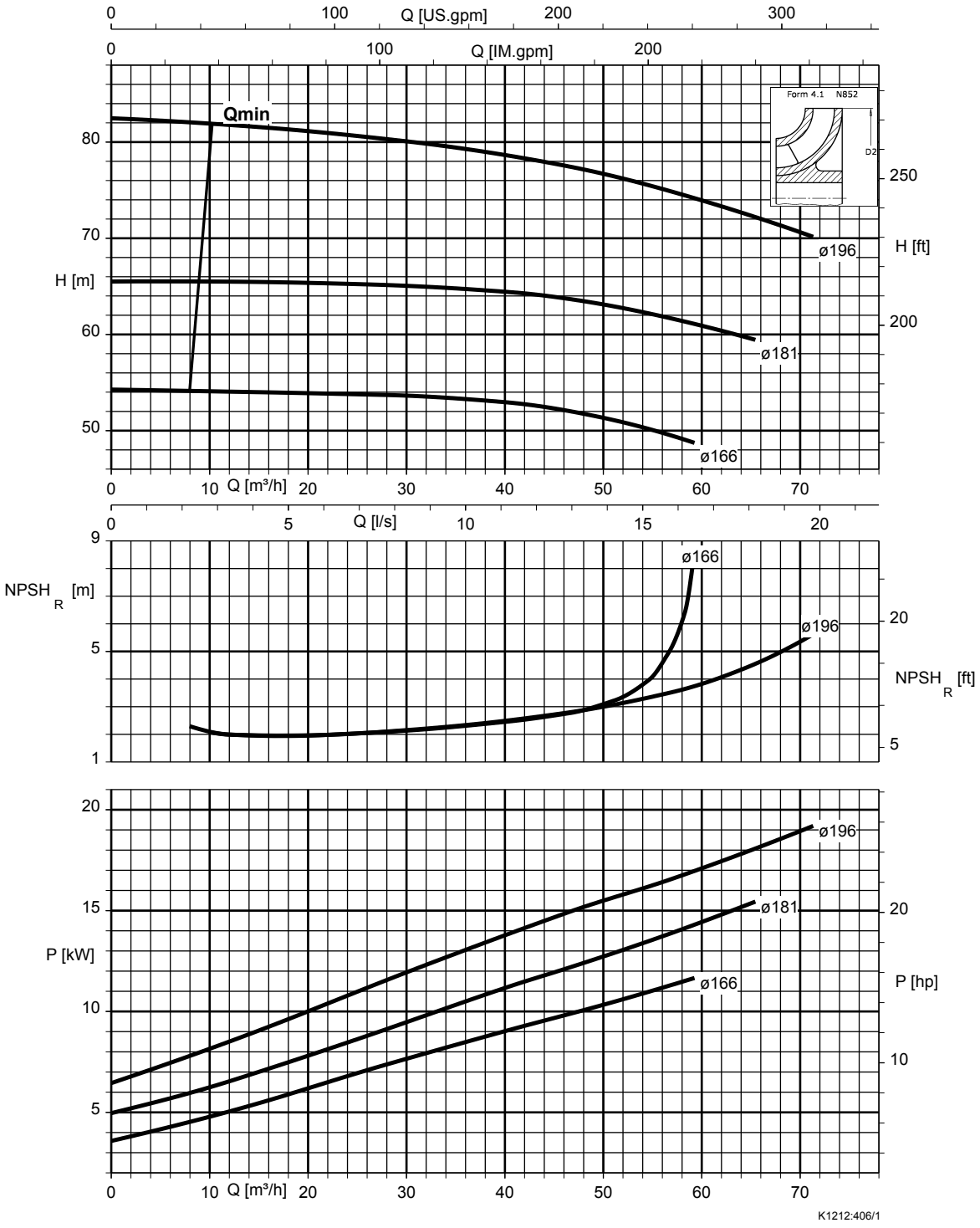
Etachrom L / Etachrom B, 065-040-125, n = 3500 min⁻¹



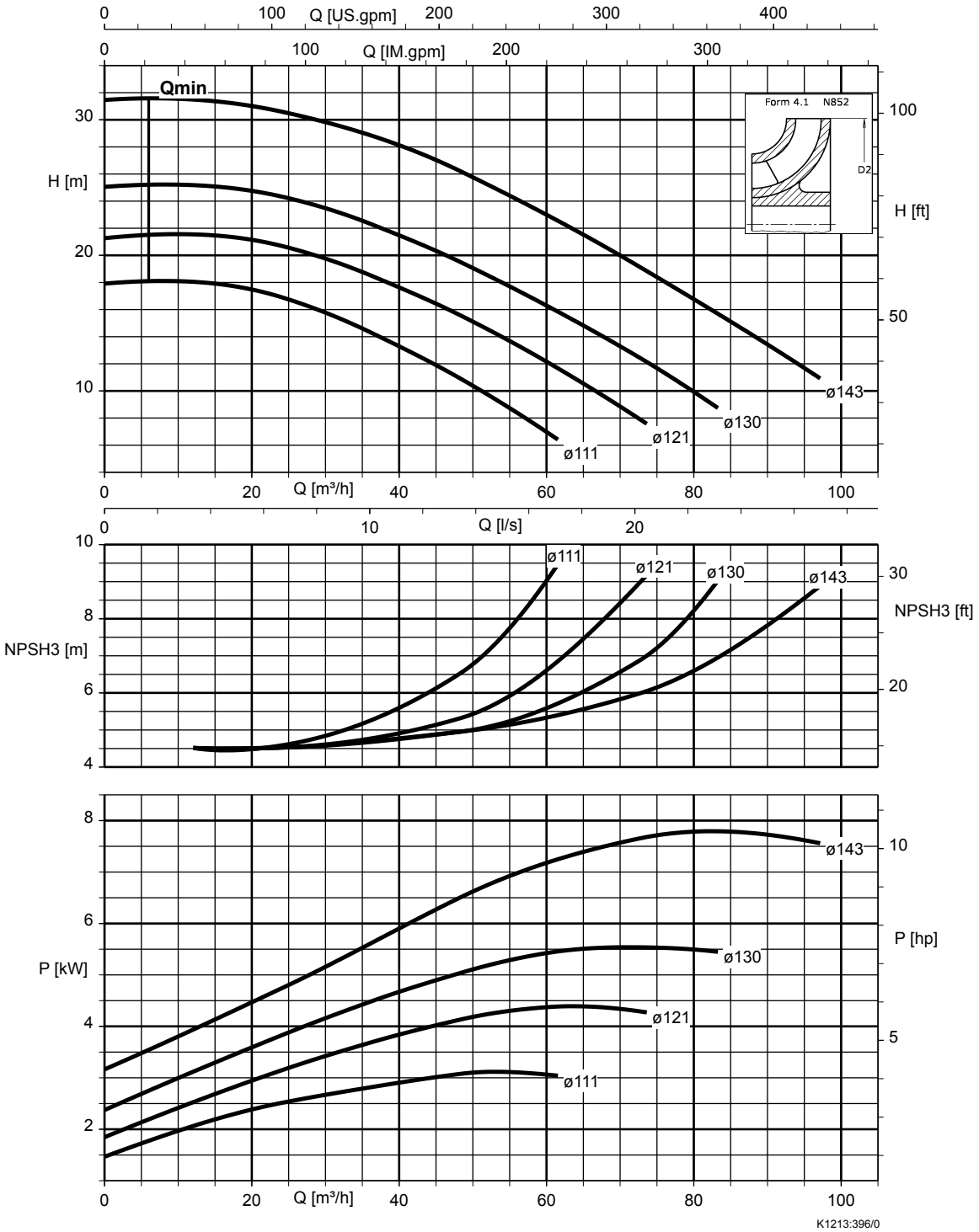
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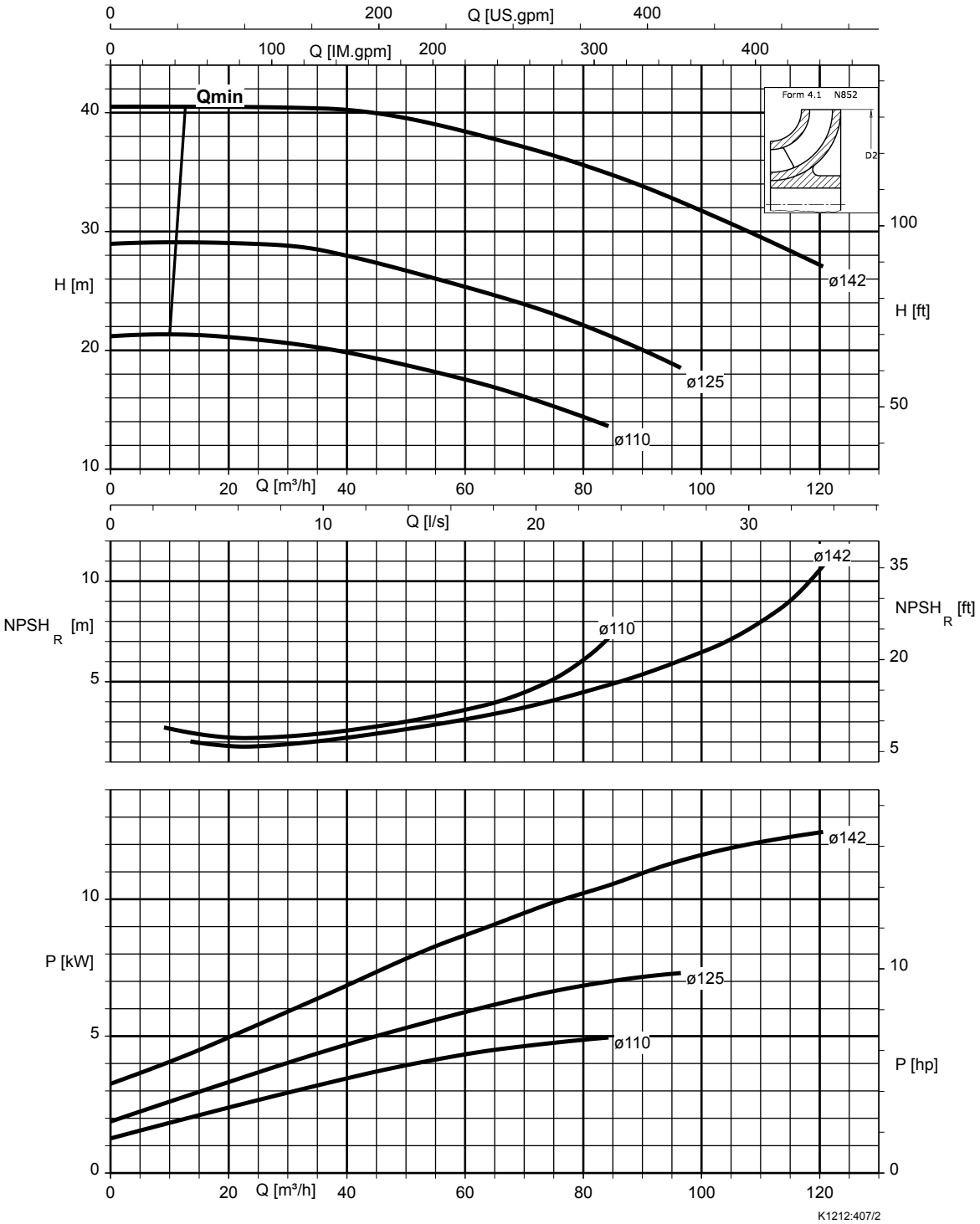
Etachrom L / Etachrom B, 065-040-200, n = 3500 min⁻¹



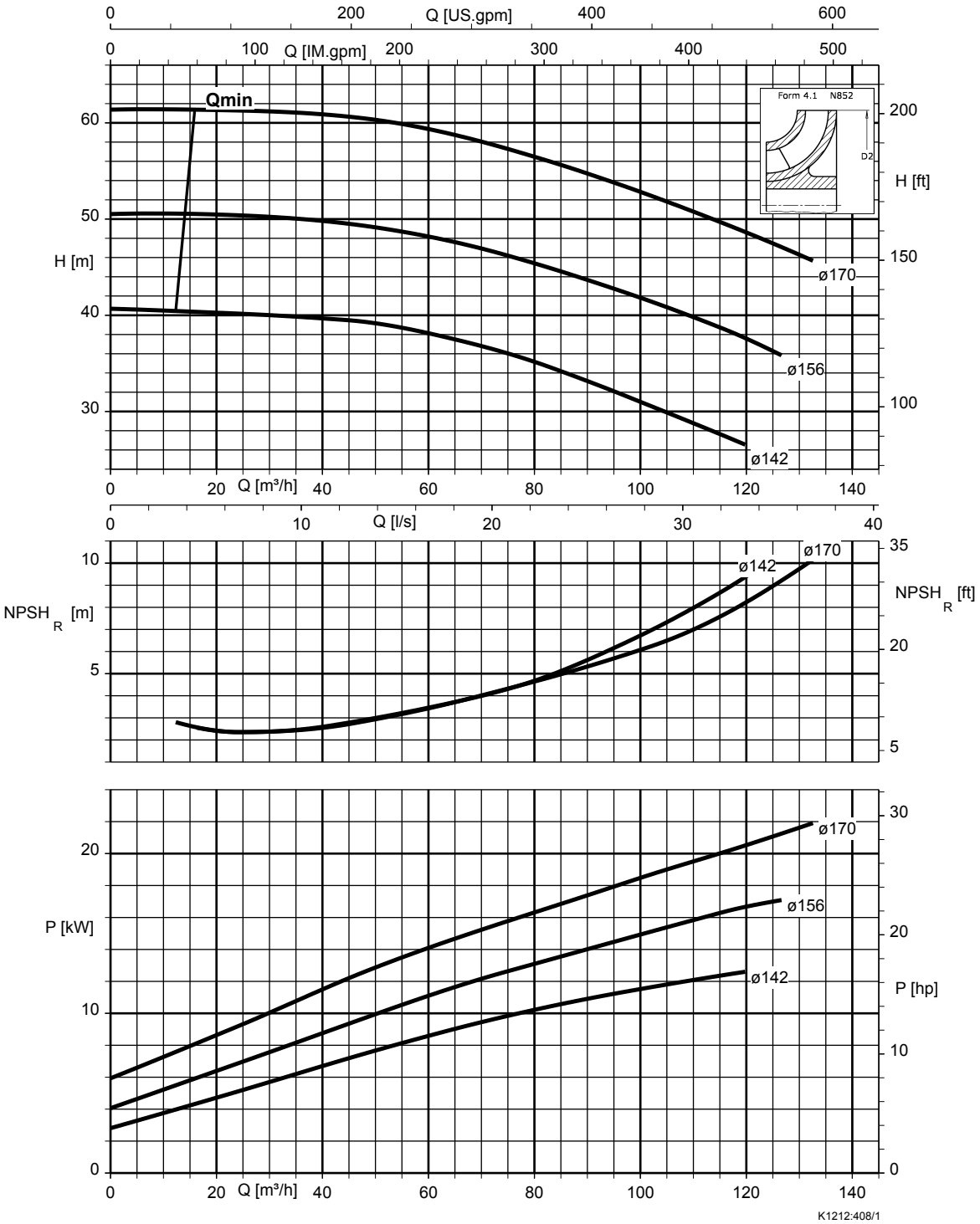
Etachrom B, 065-050-125, n = 3500 min⁻¹, mit Freistromrad



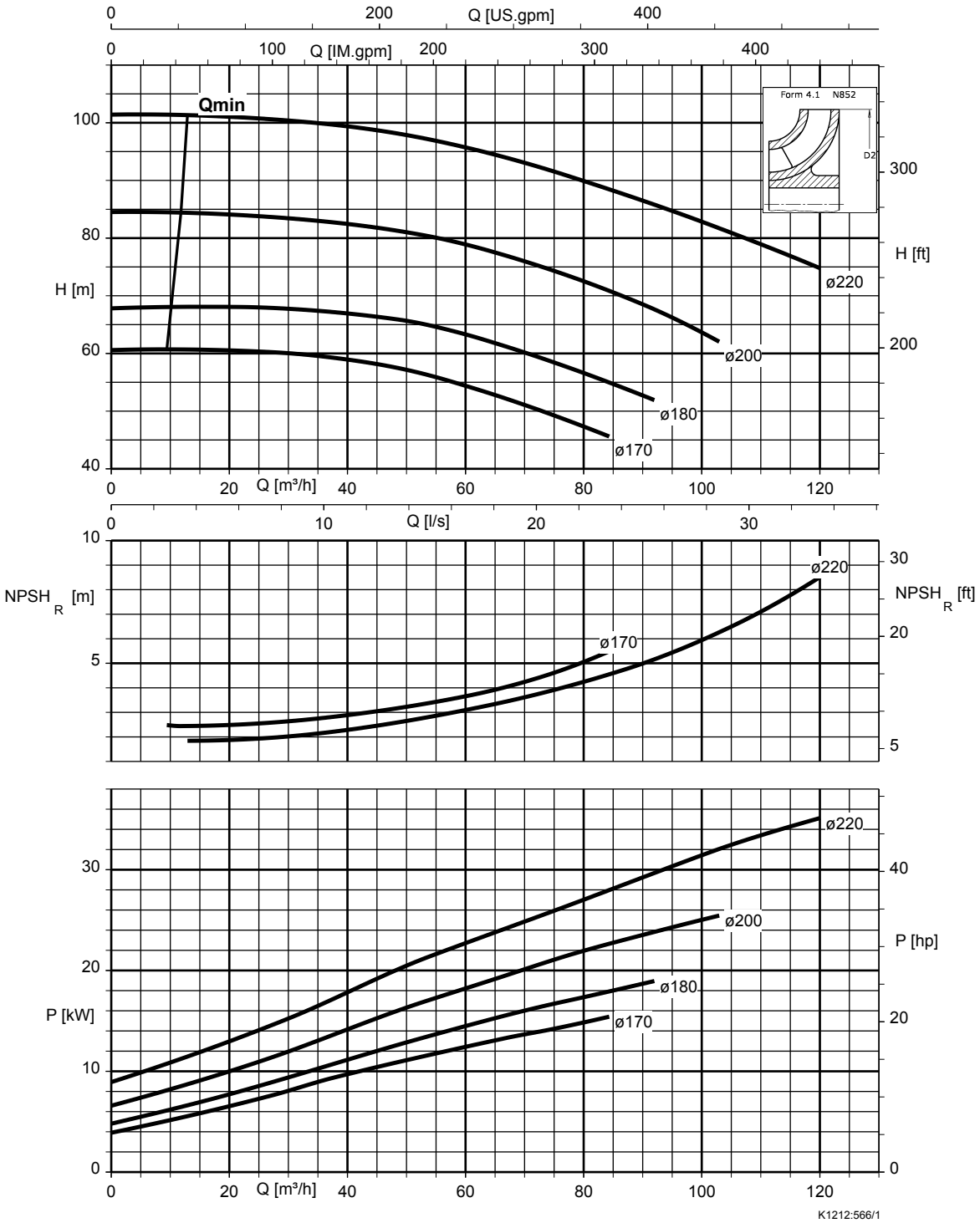
Etachrom L / Etachrom B, 065-050-125, n = 3500 min⁻¹



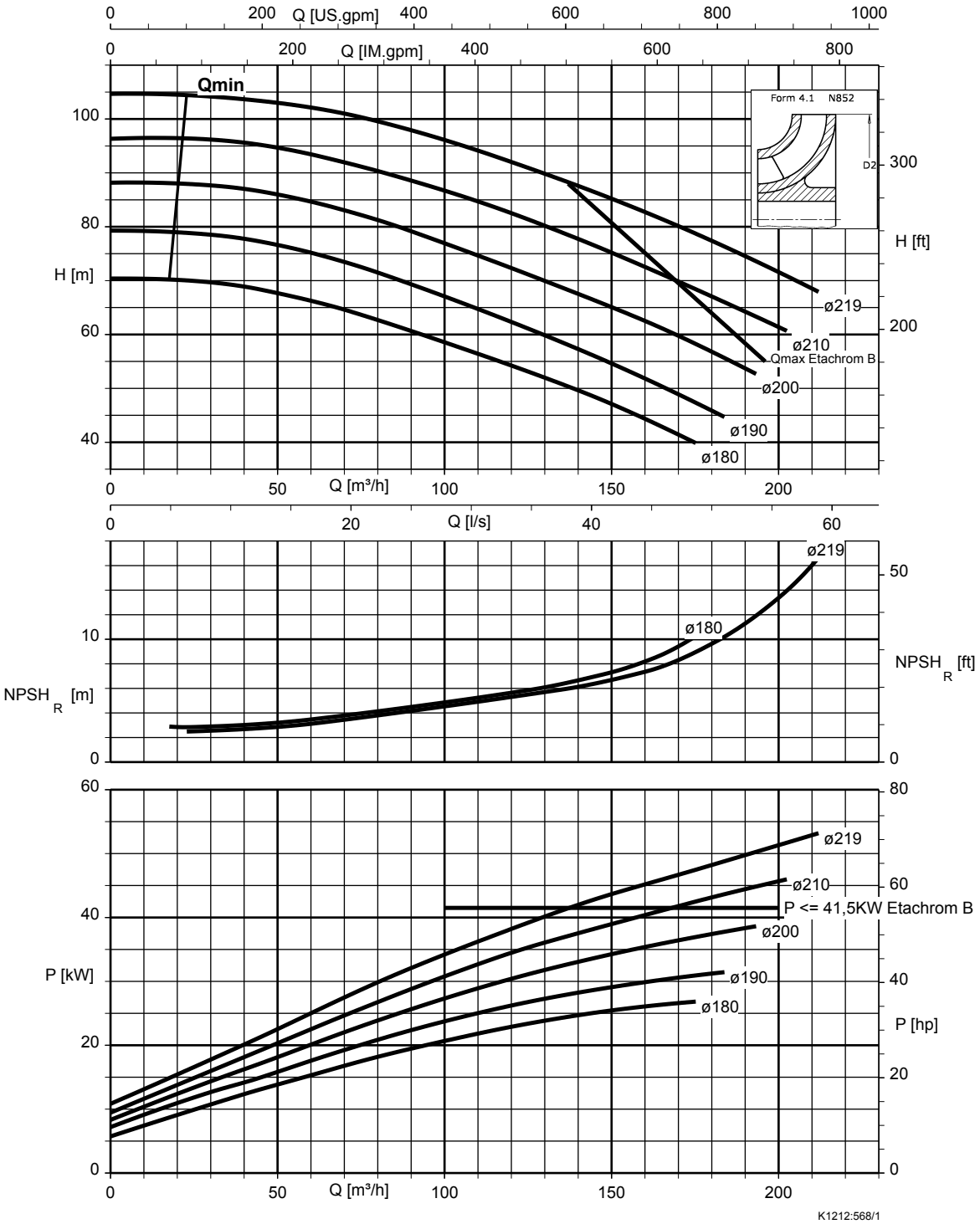
Etachrom L / Etachrom B, 065-050-160, n = 3500 min⁻¹



Etachrom L / Etachrom B, 065-050-200, n = 3500 min⁻¹

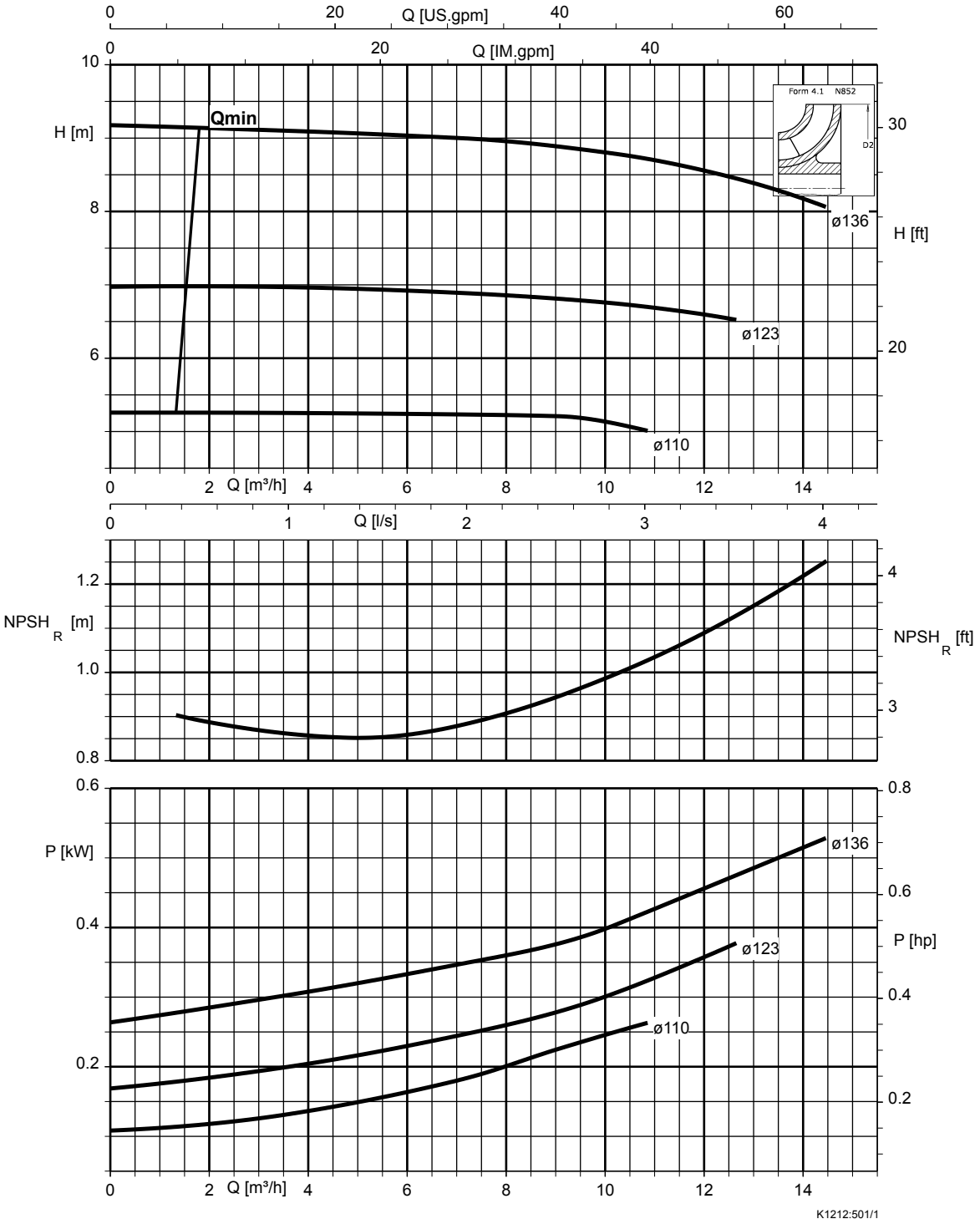


Etachrom L / Etachrom B, 080-065-200, n = 3500 min⁻¹

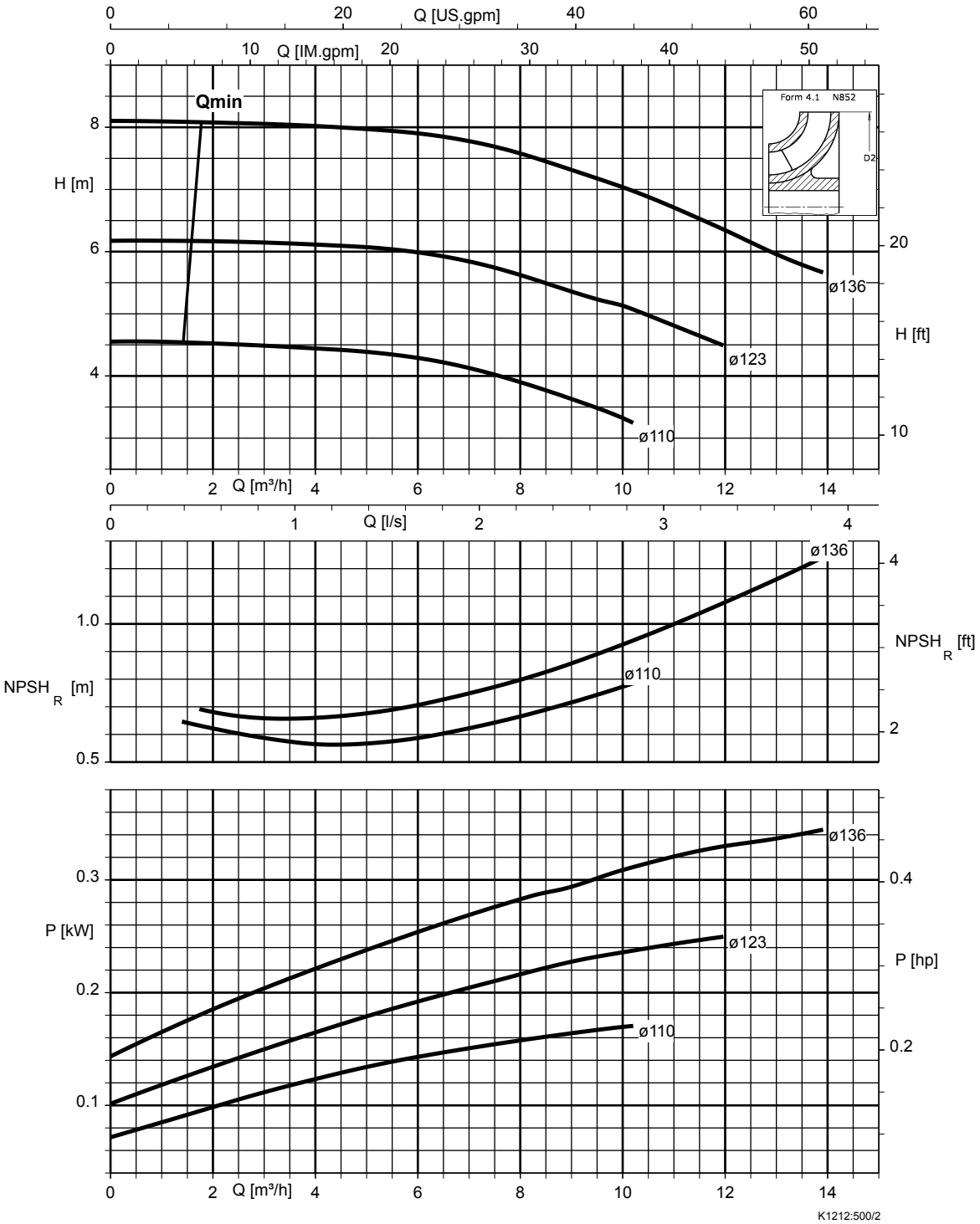


n = 1750 min⁻¹

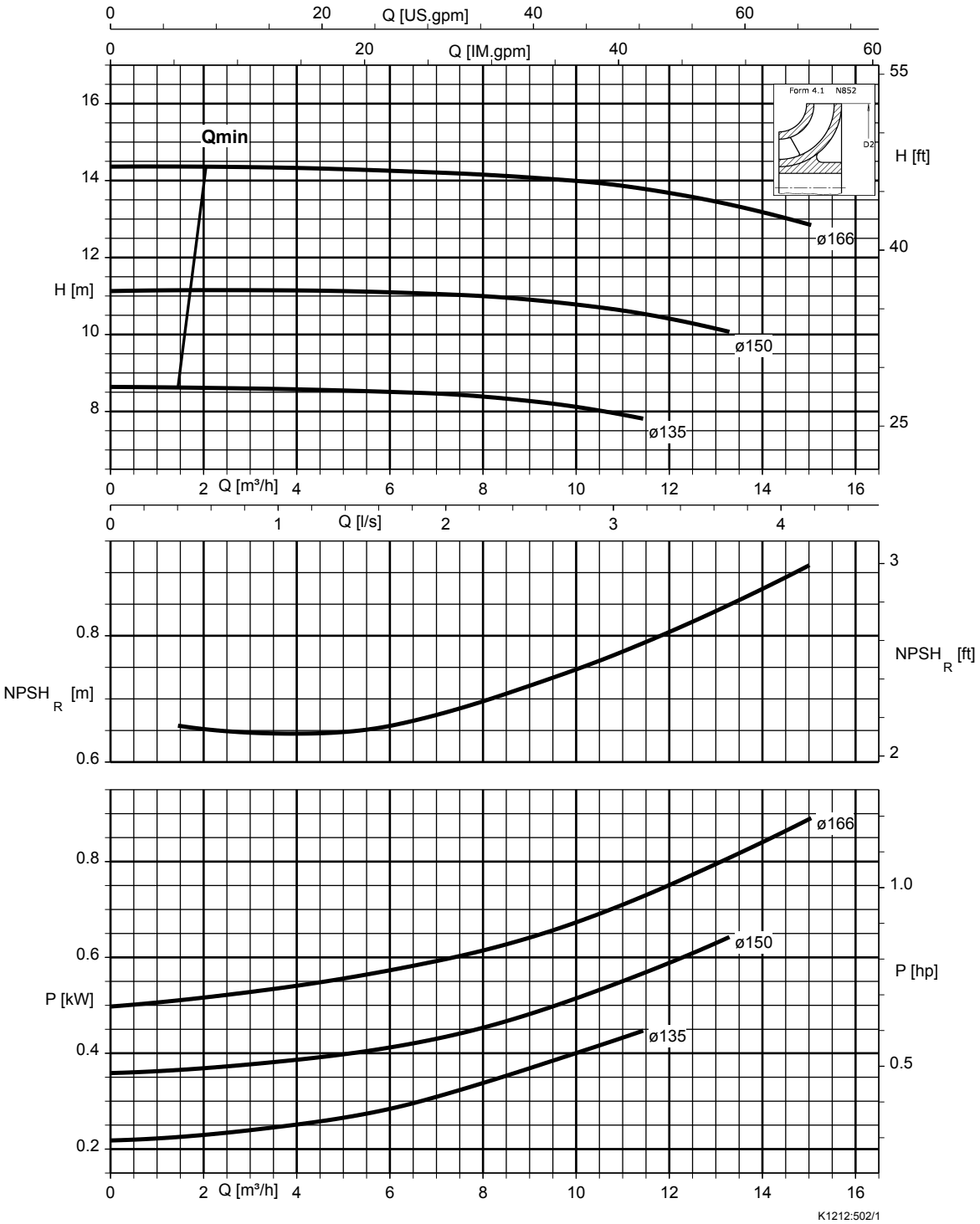
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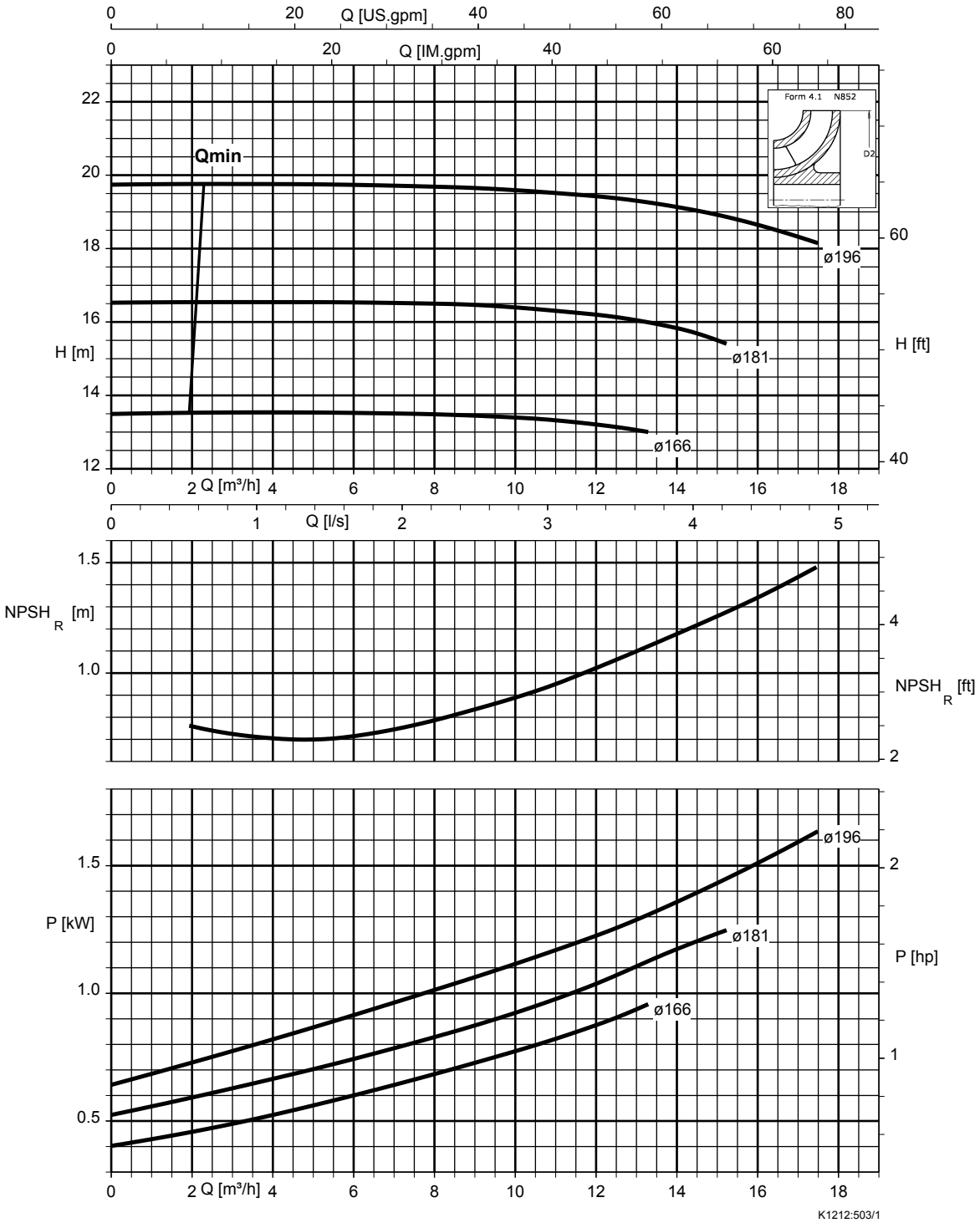
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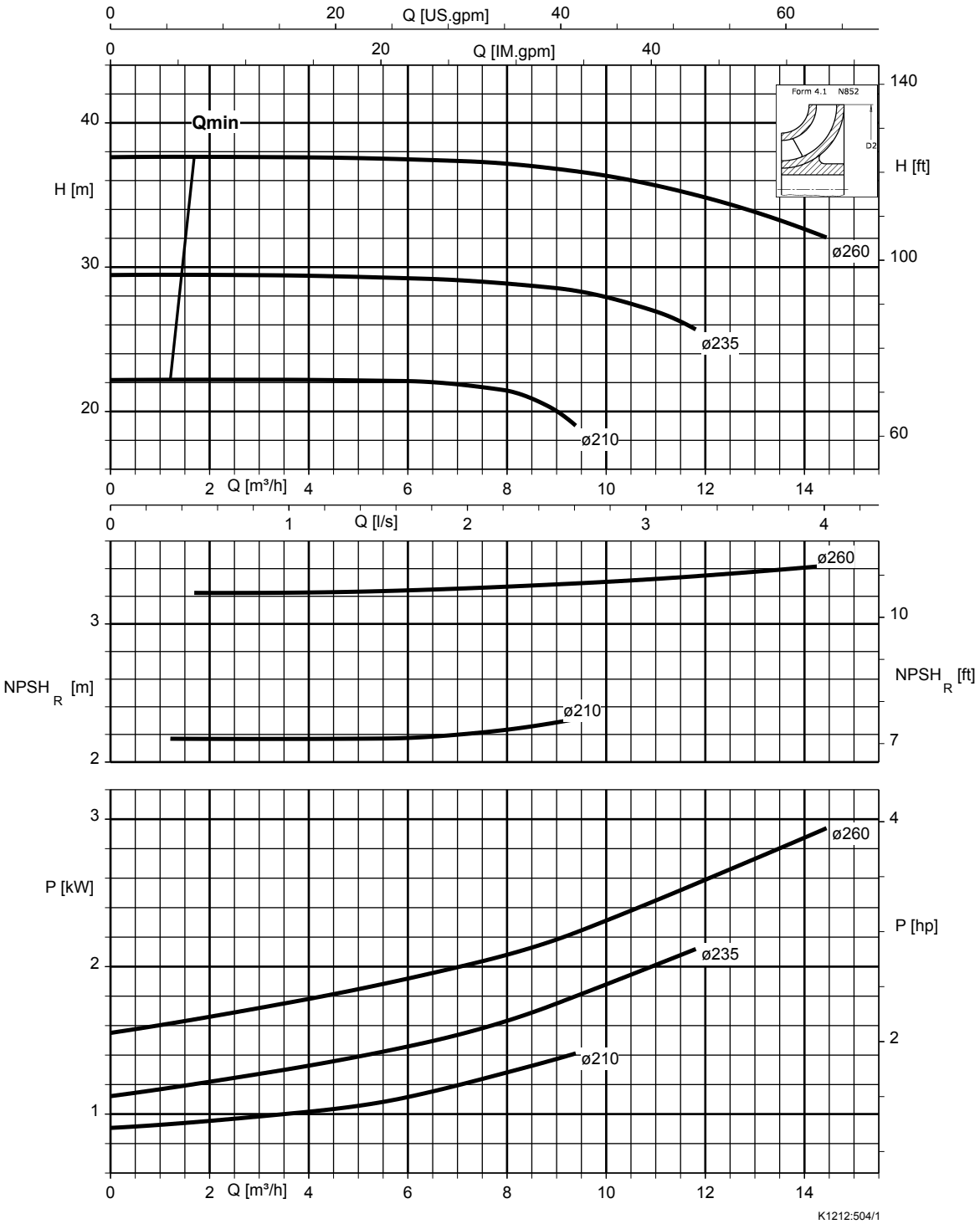
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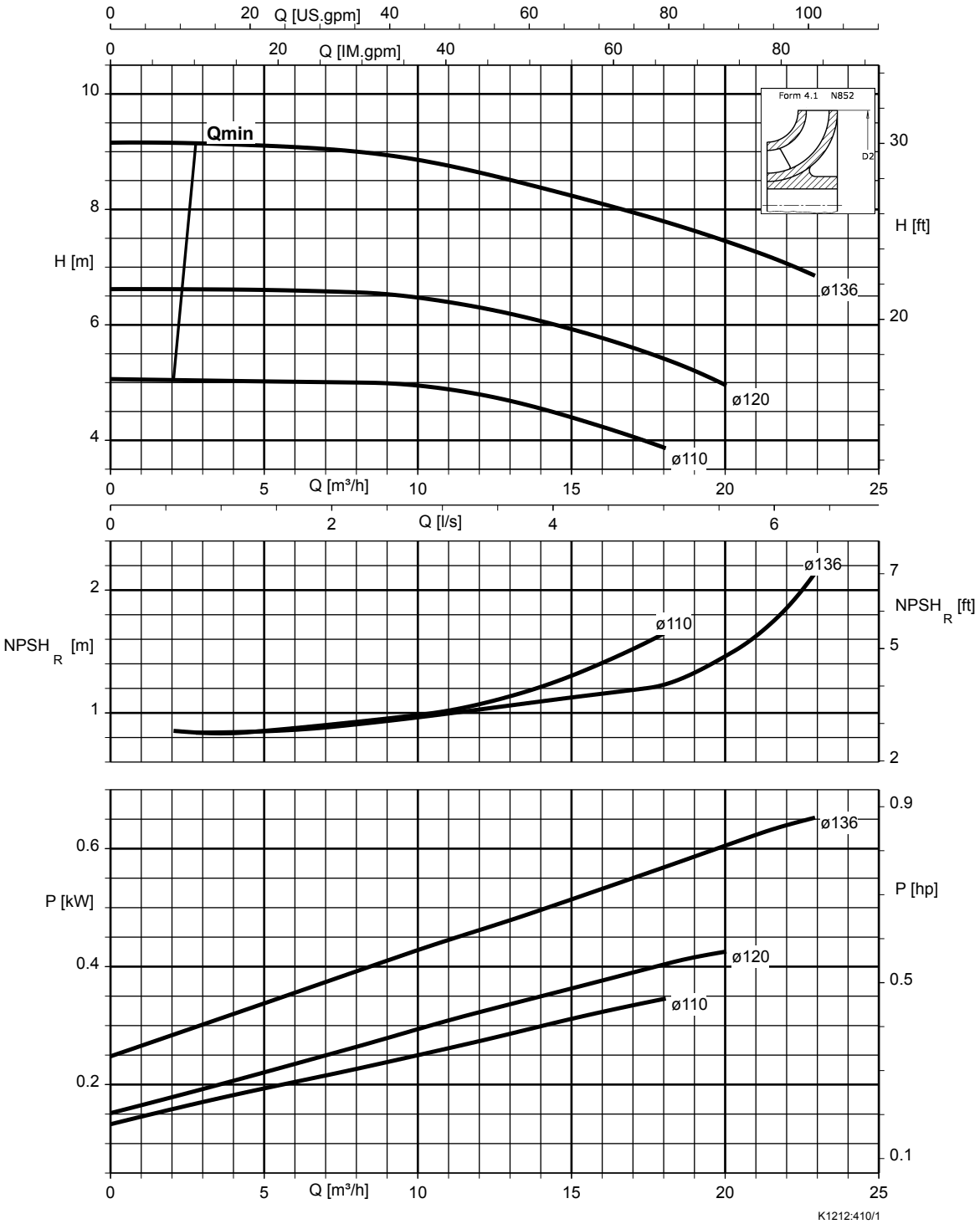
Etachrom L / Etachrom B, 050-025-200, n = 1750 min⁻¹



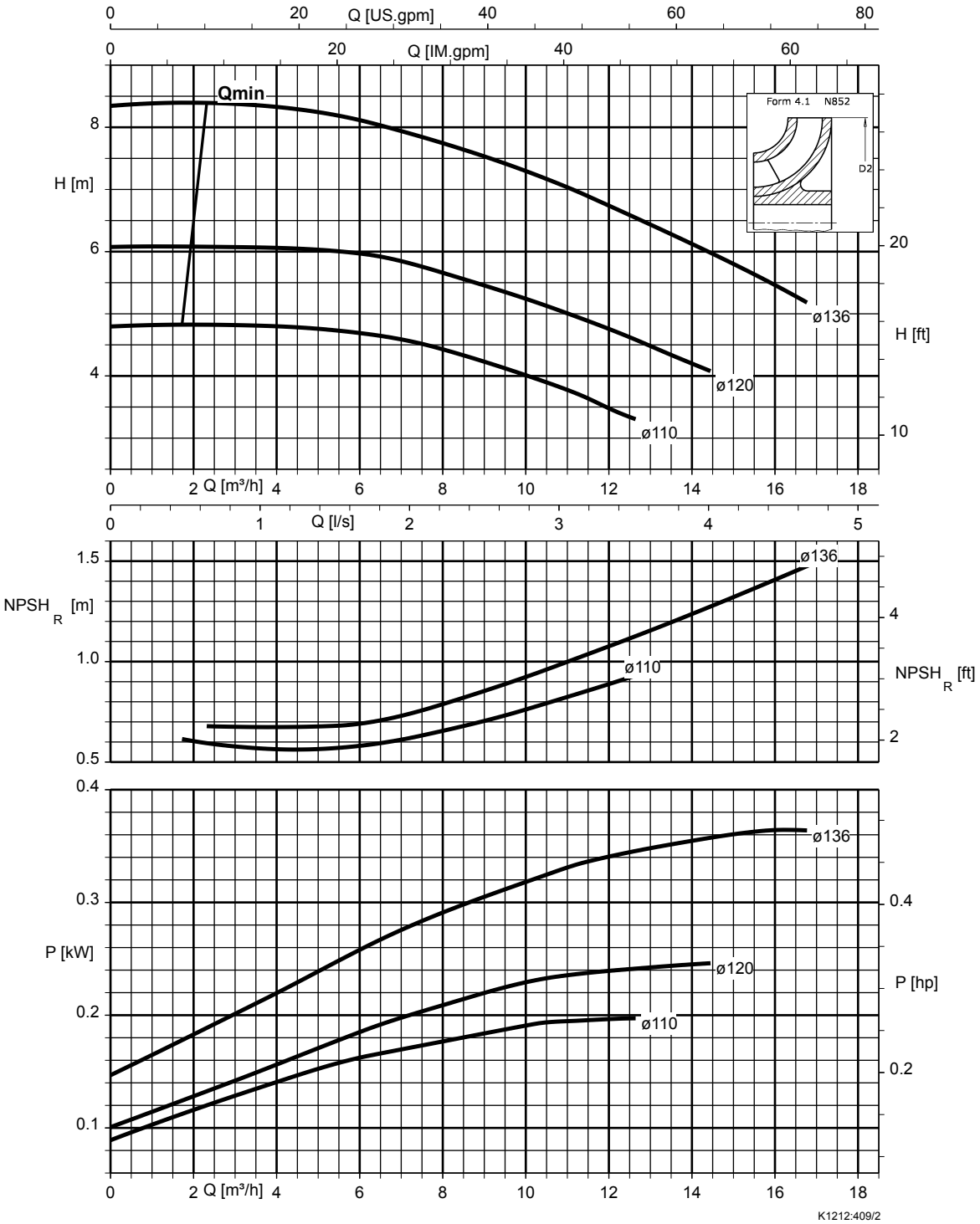
Etachrom L / Etachrom B, 050-025-250, n = 1750 min⁻¹



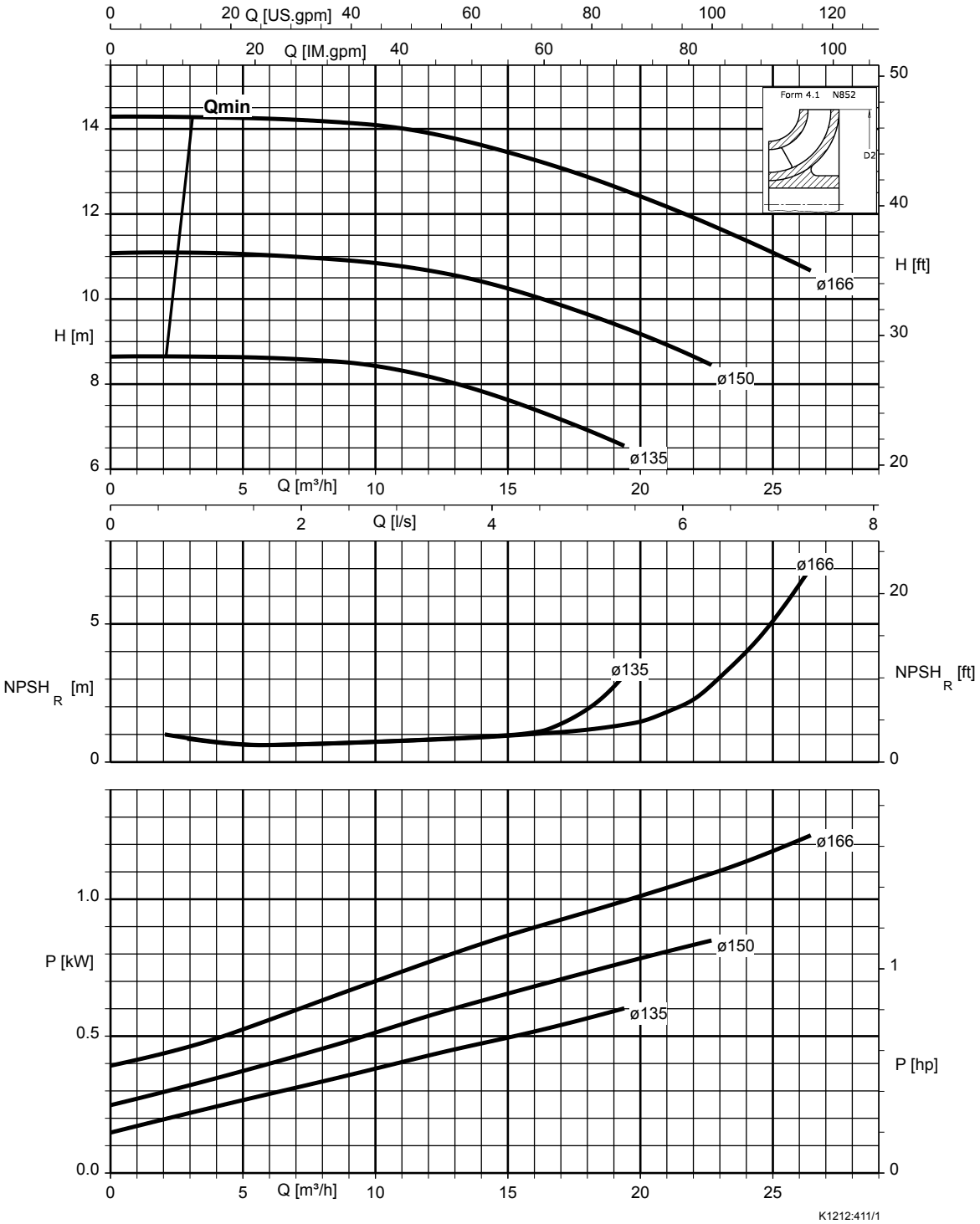
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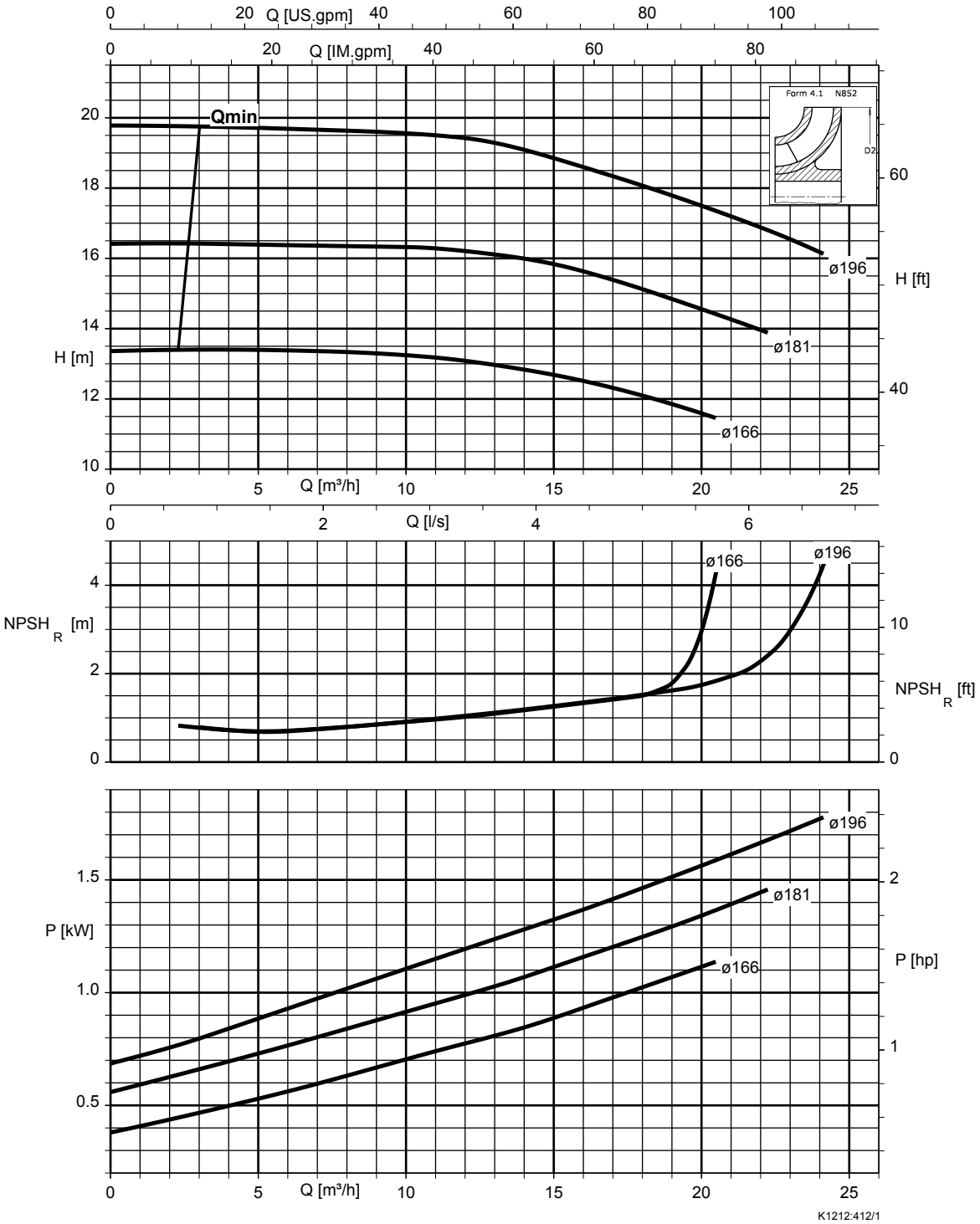
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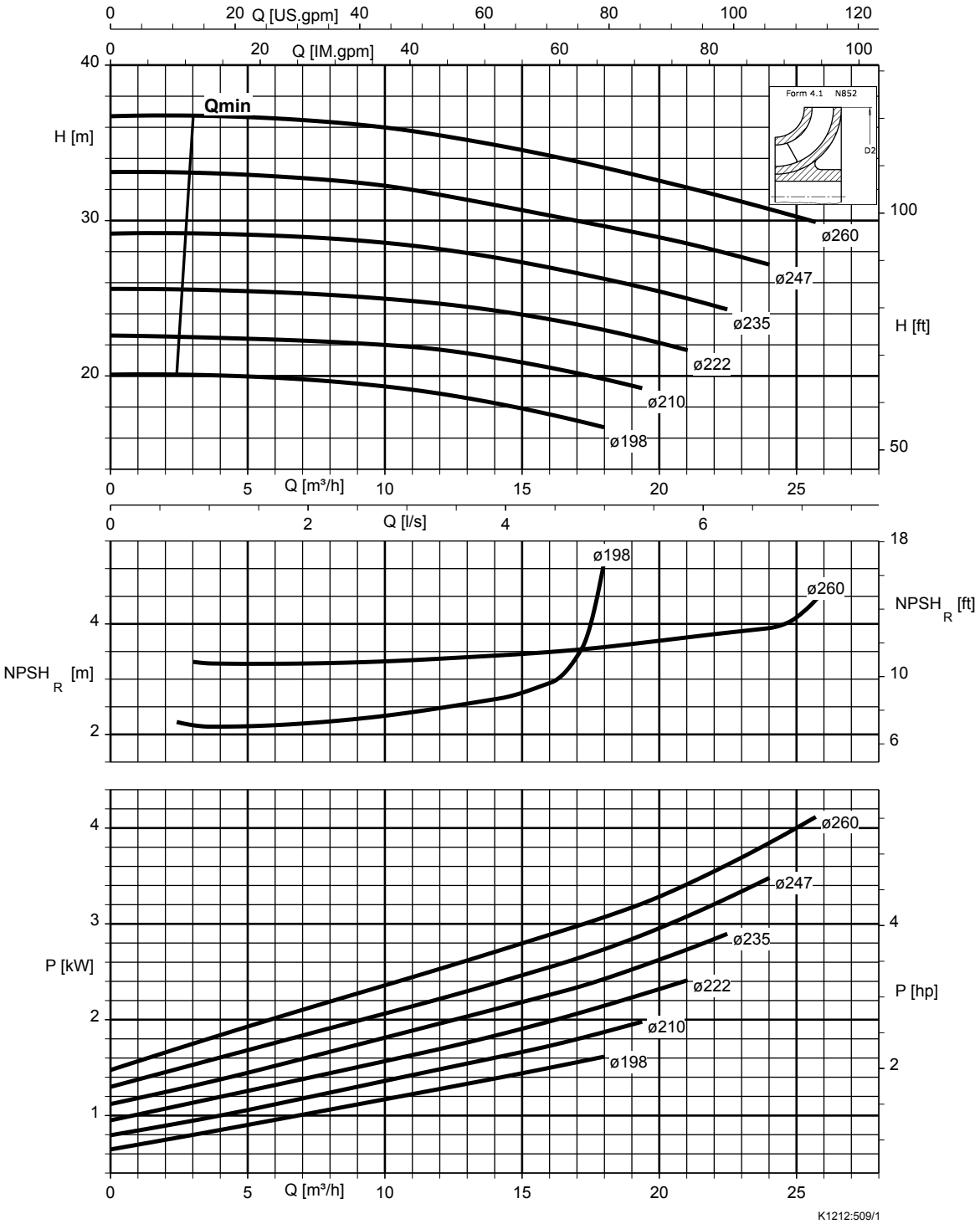
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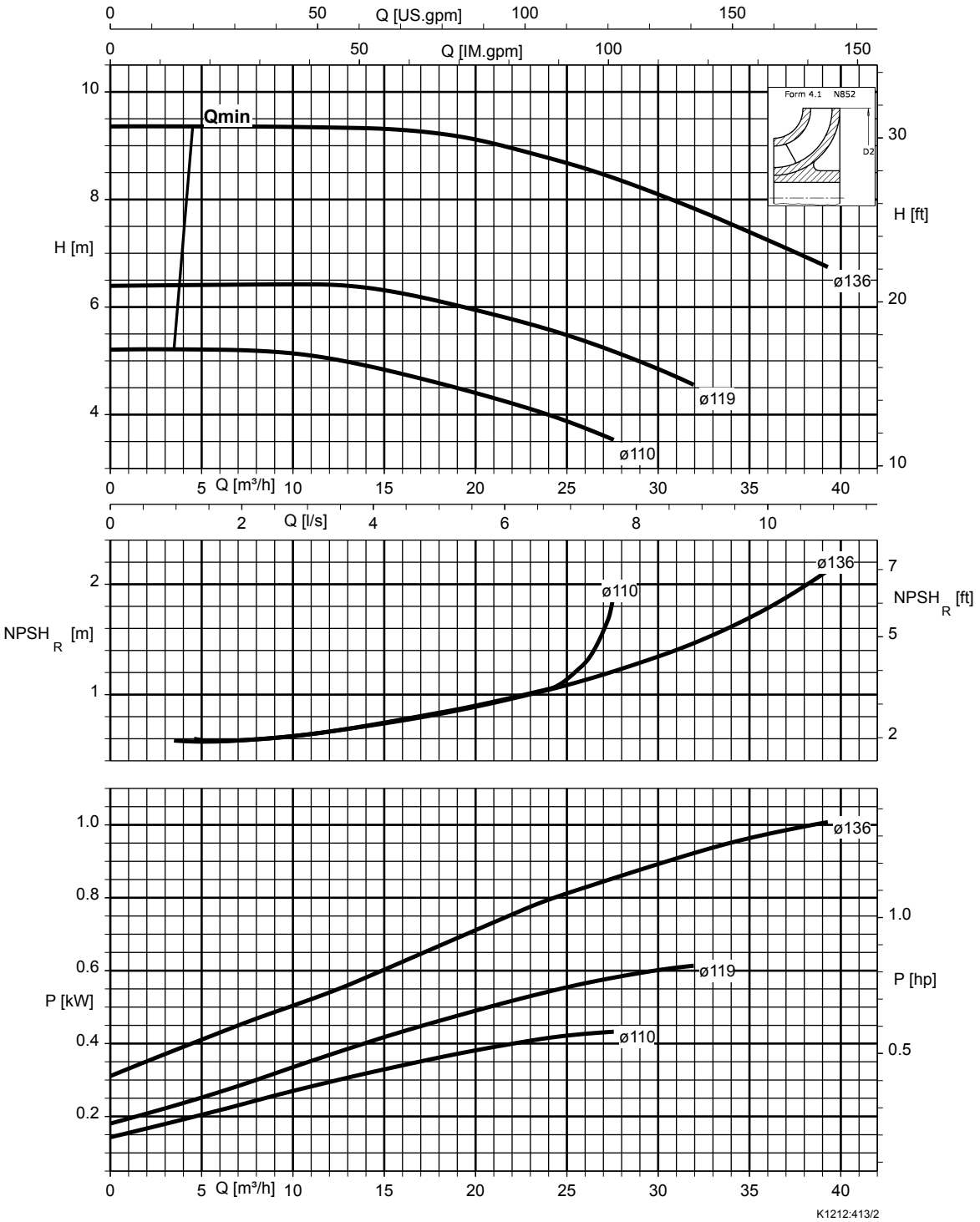
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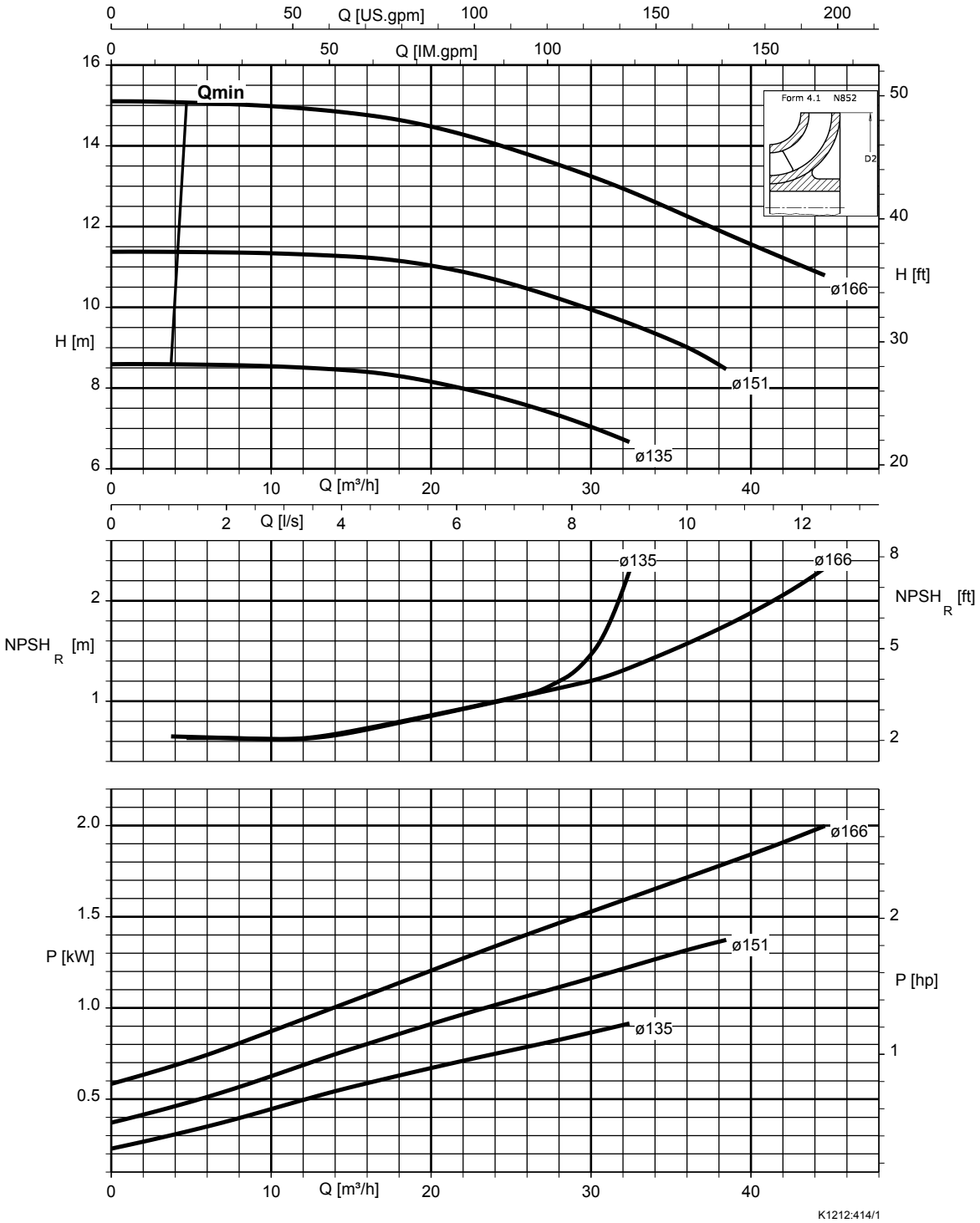
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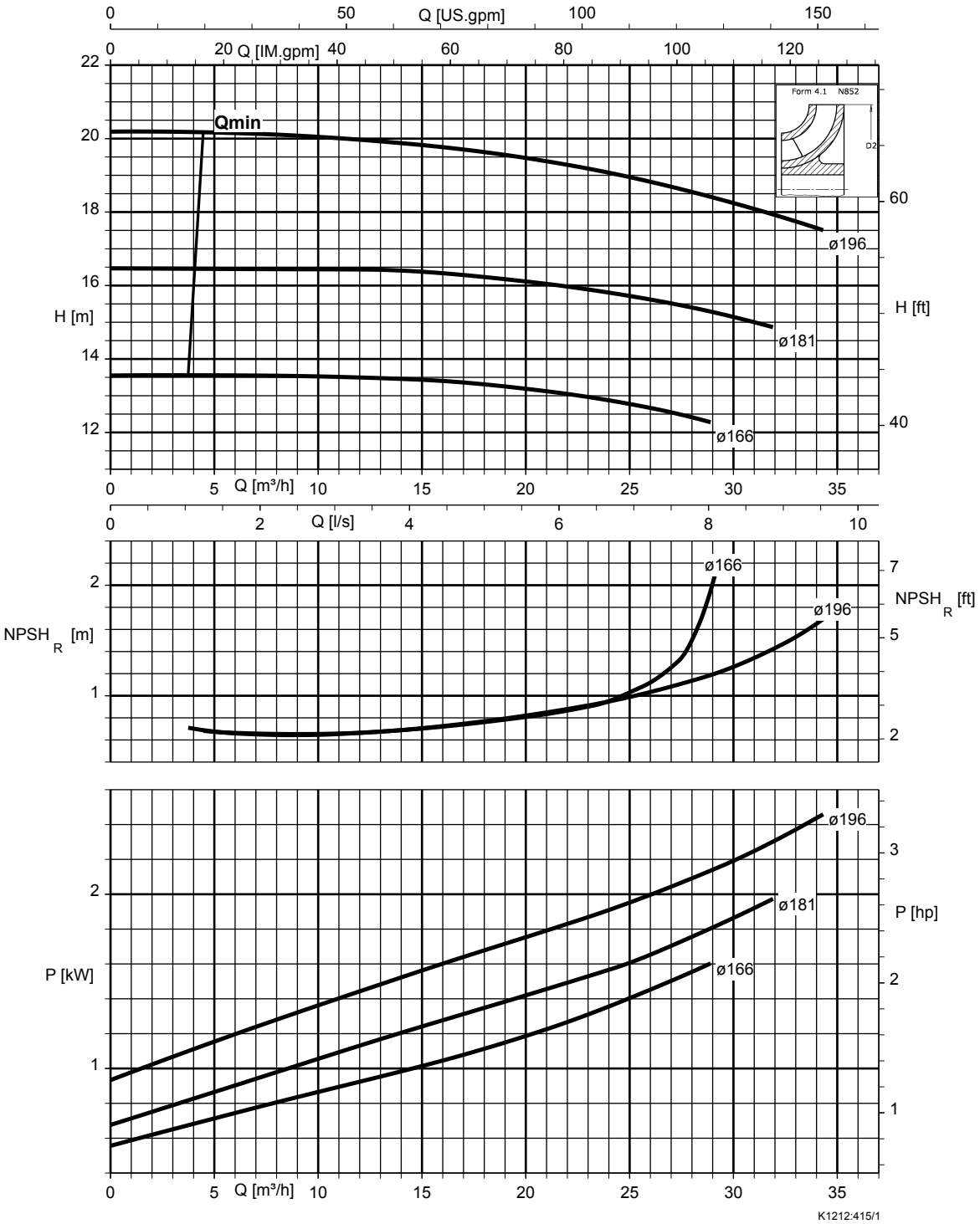
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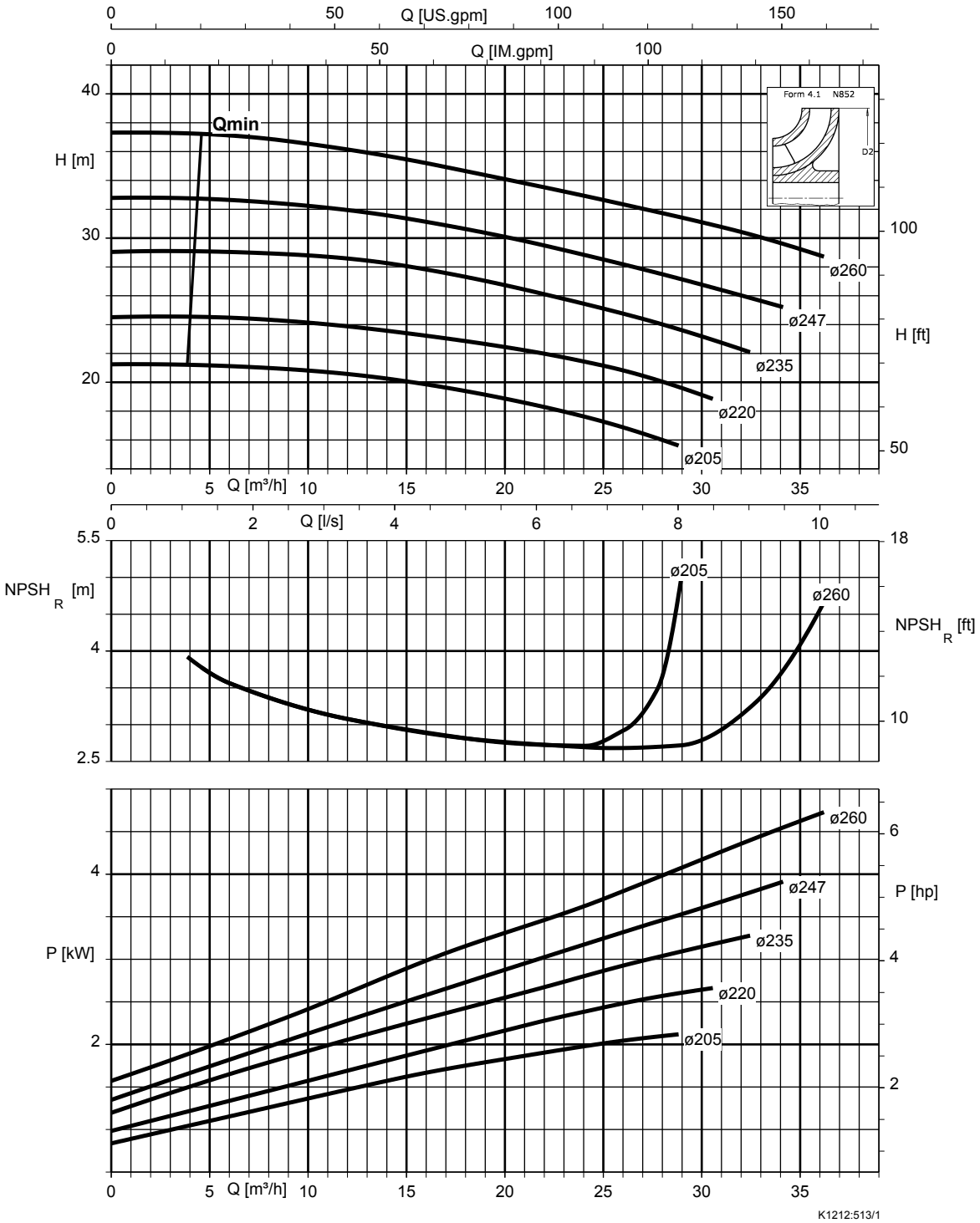
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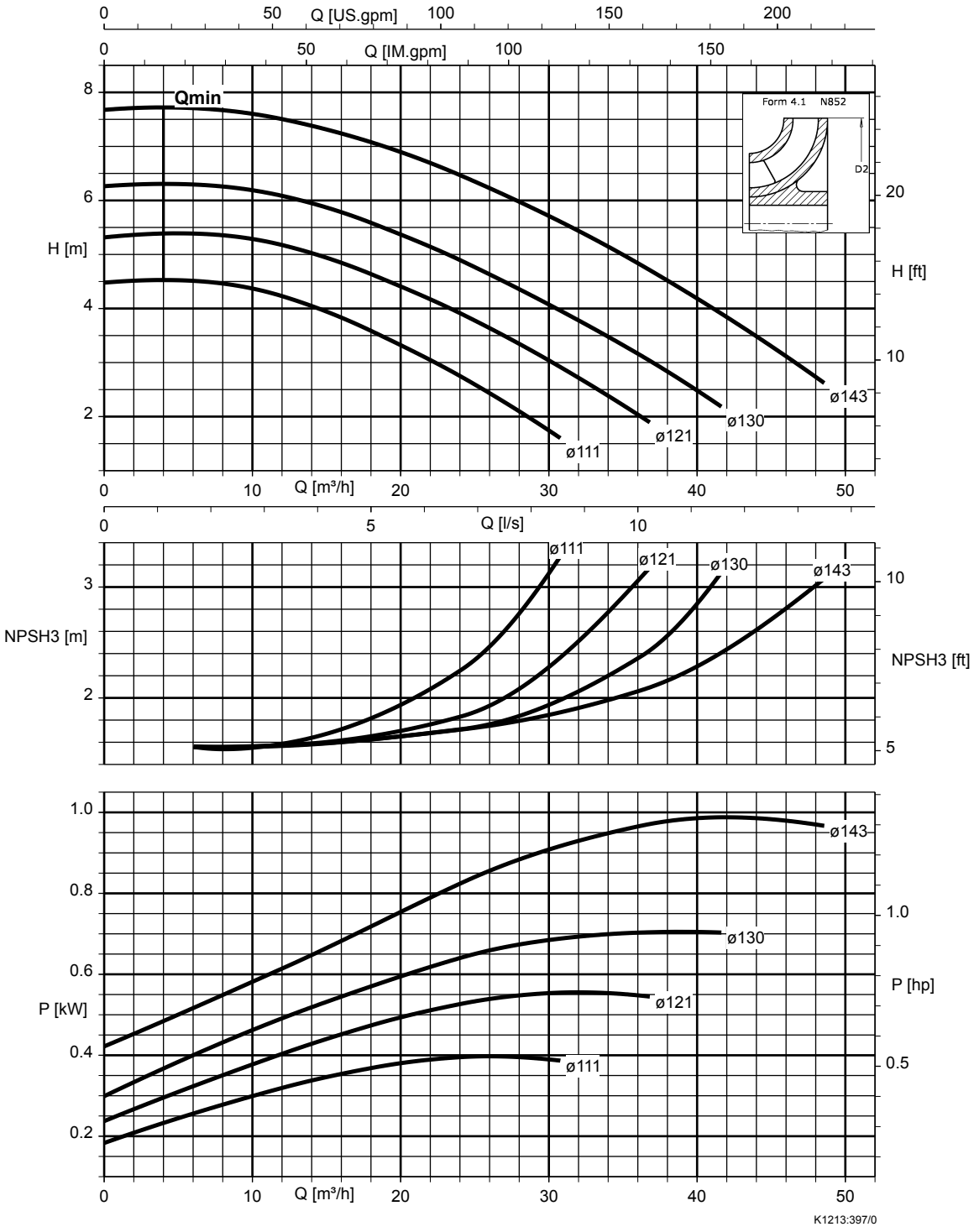
Etachrom L / Etachrom B, 065-040-200, n = 1750 min⁻¹



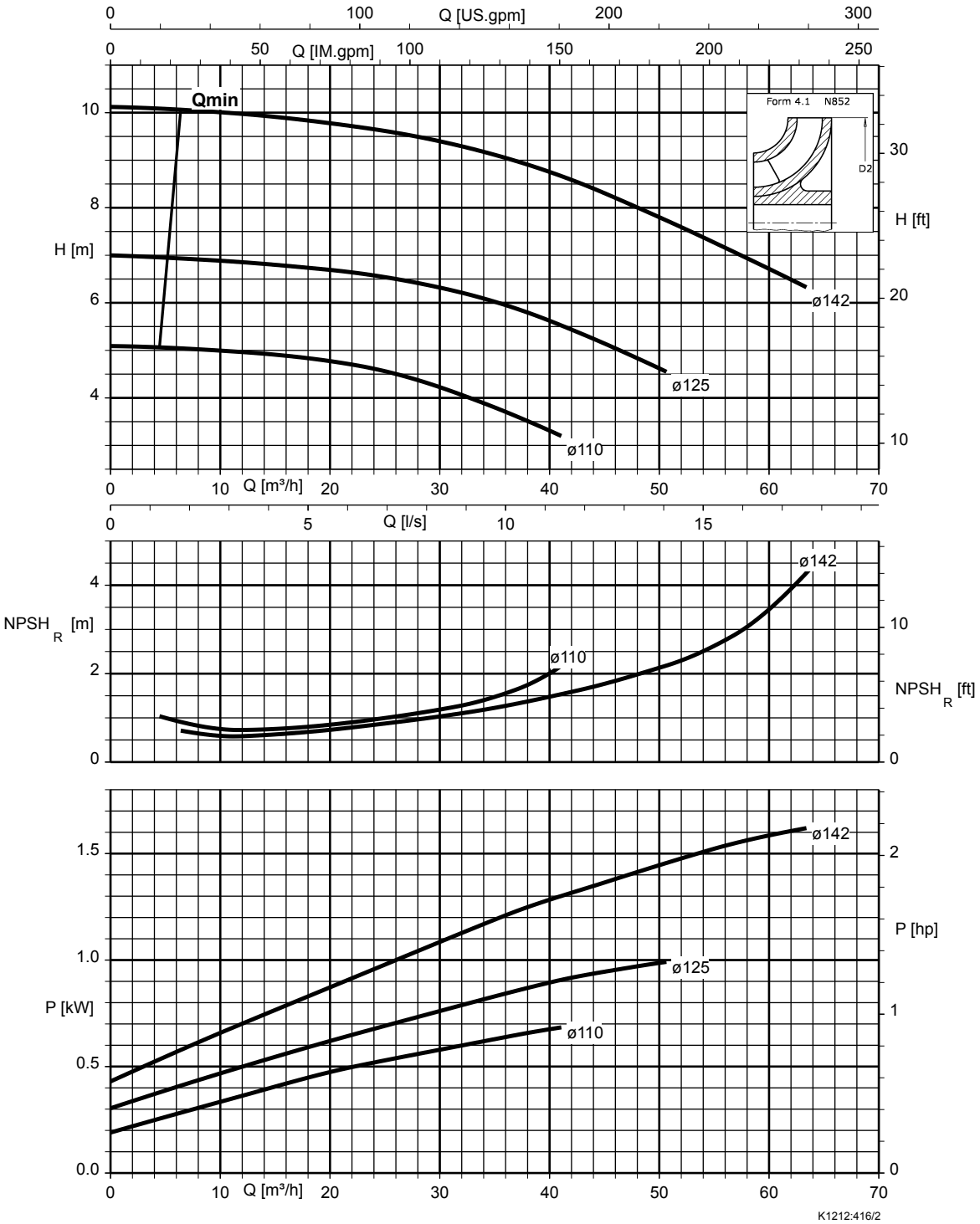
Etachrom L / Etachrom B, 065-040-250, n = 1750 min⁻¹



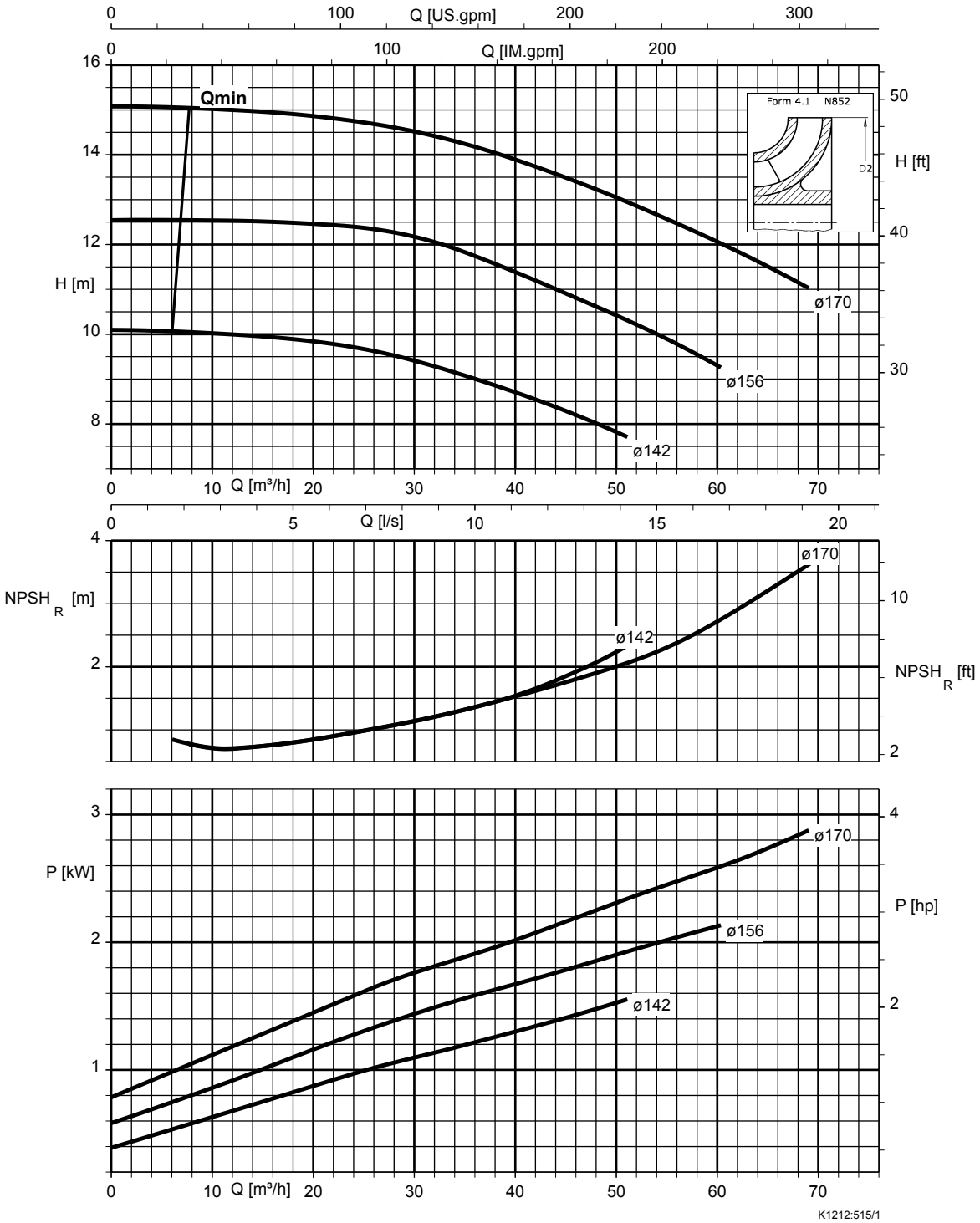
Etachrom B, 065-050-125, n = 1750 min^{-1}, mit Freistromrad



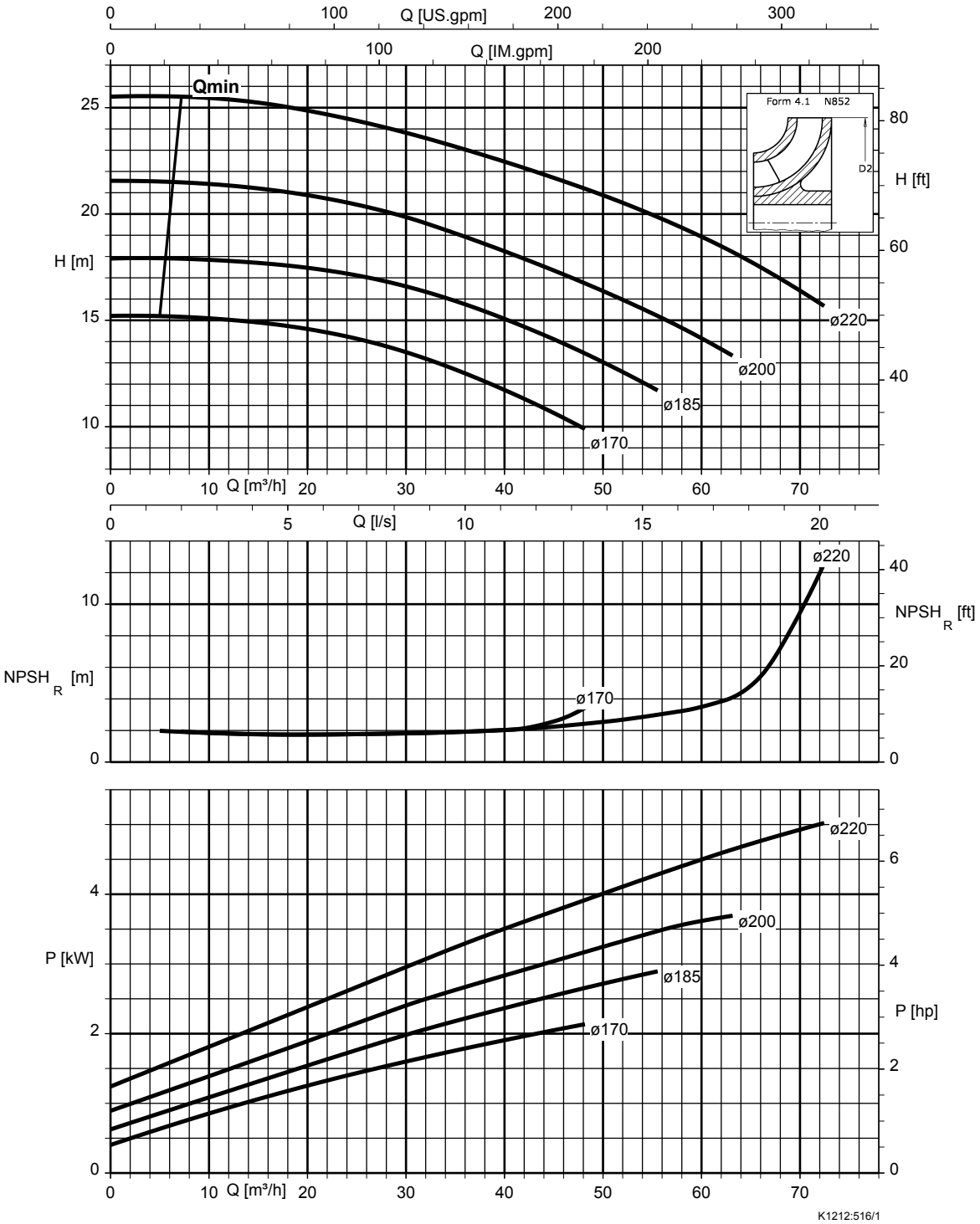
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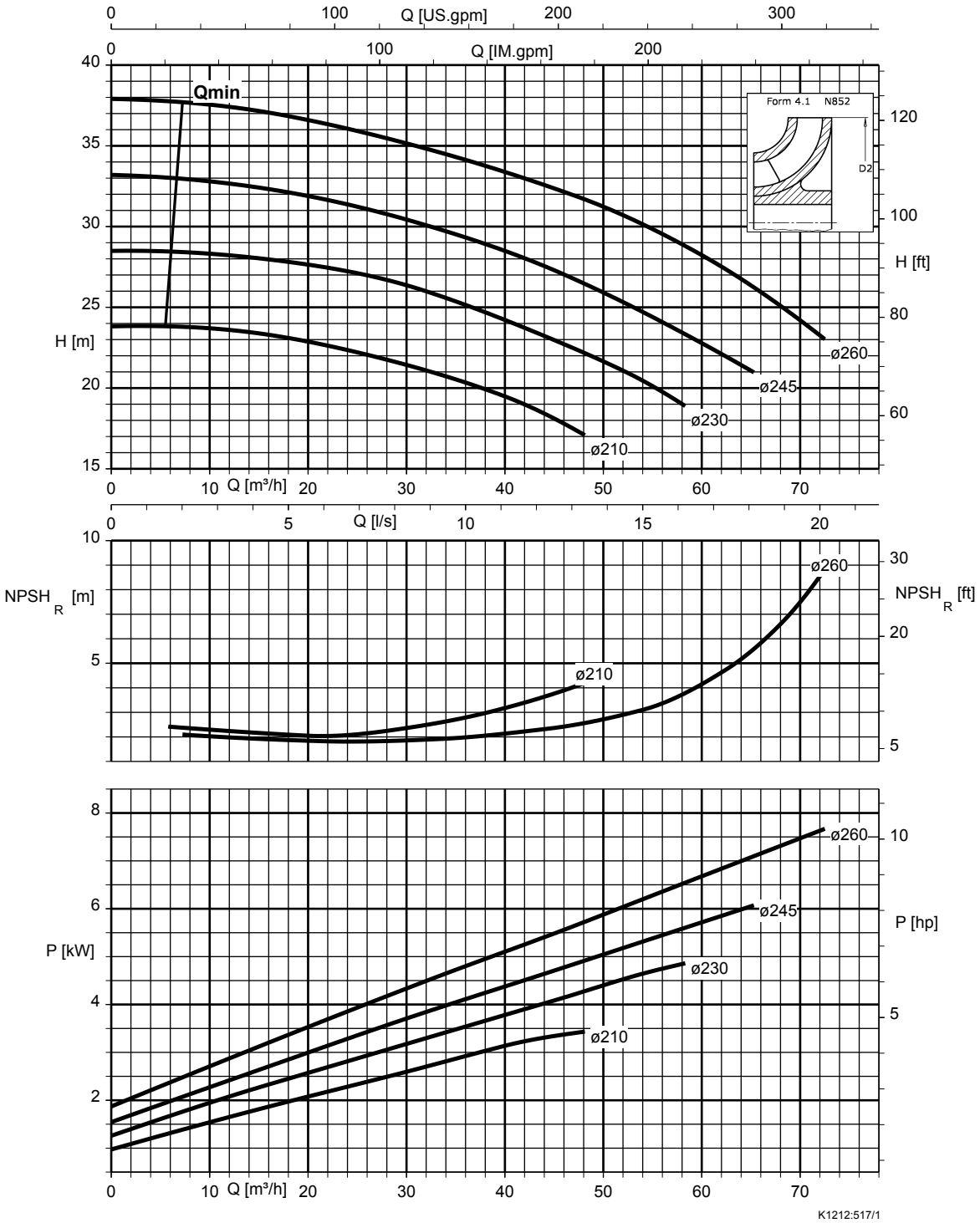
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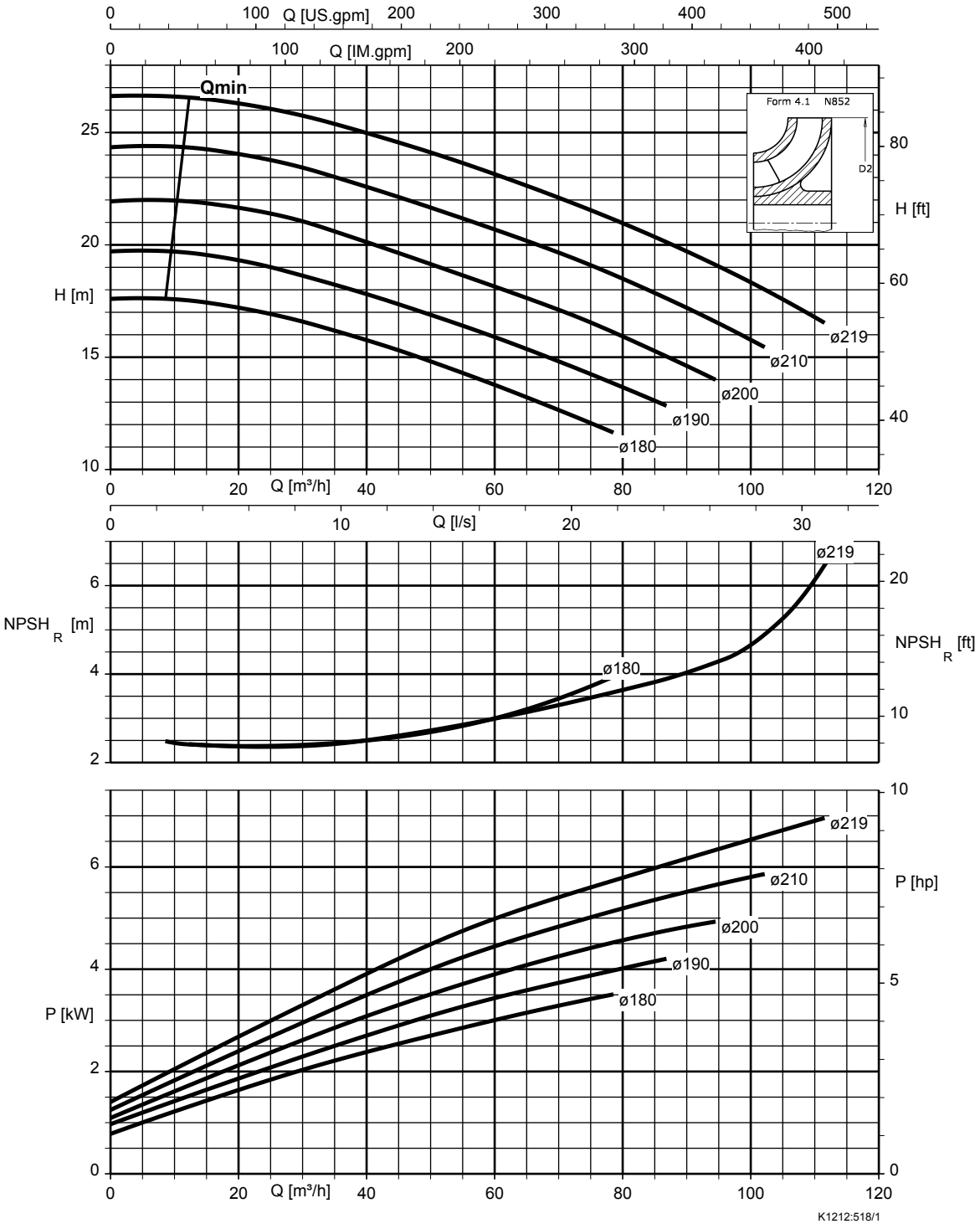
Etachrom L / Etachrom B, 065-050-200, n = 1750 min⁻¹



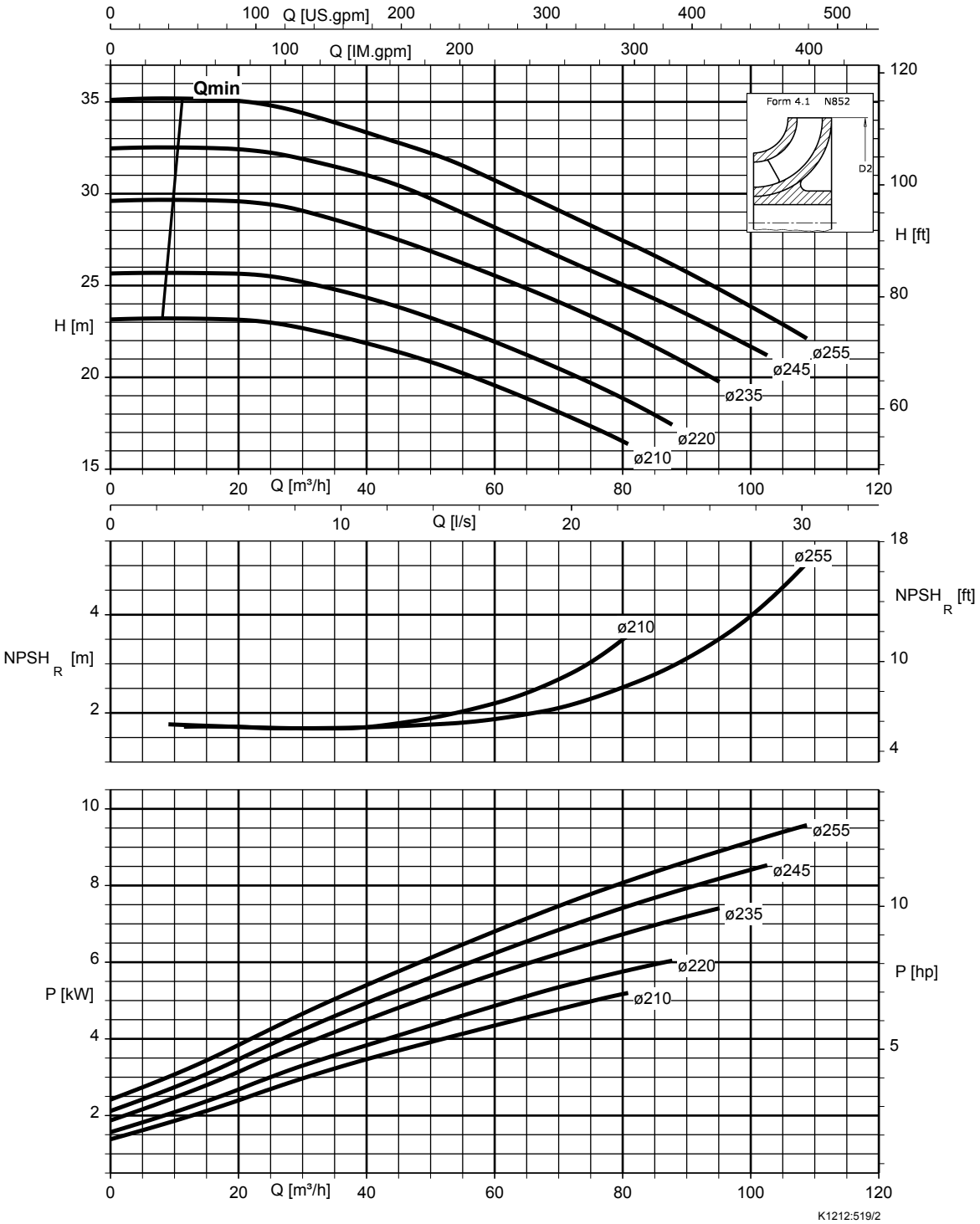
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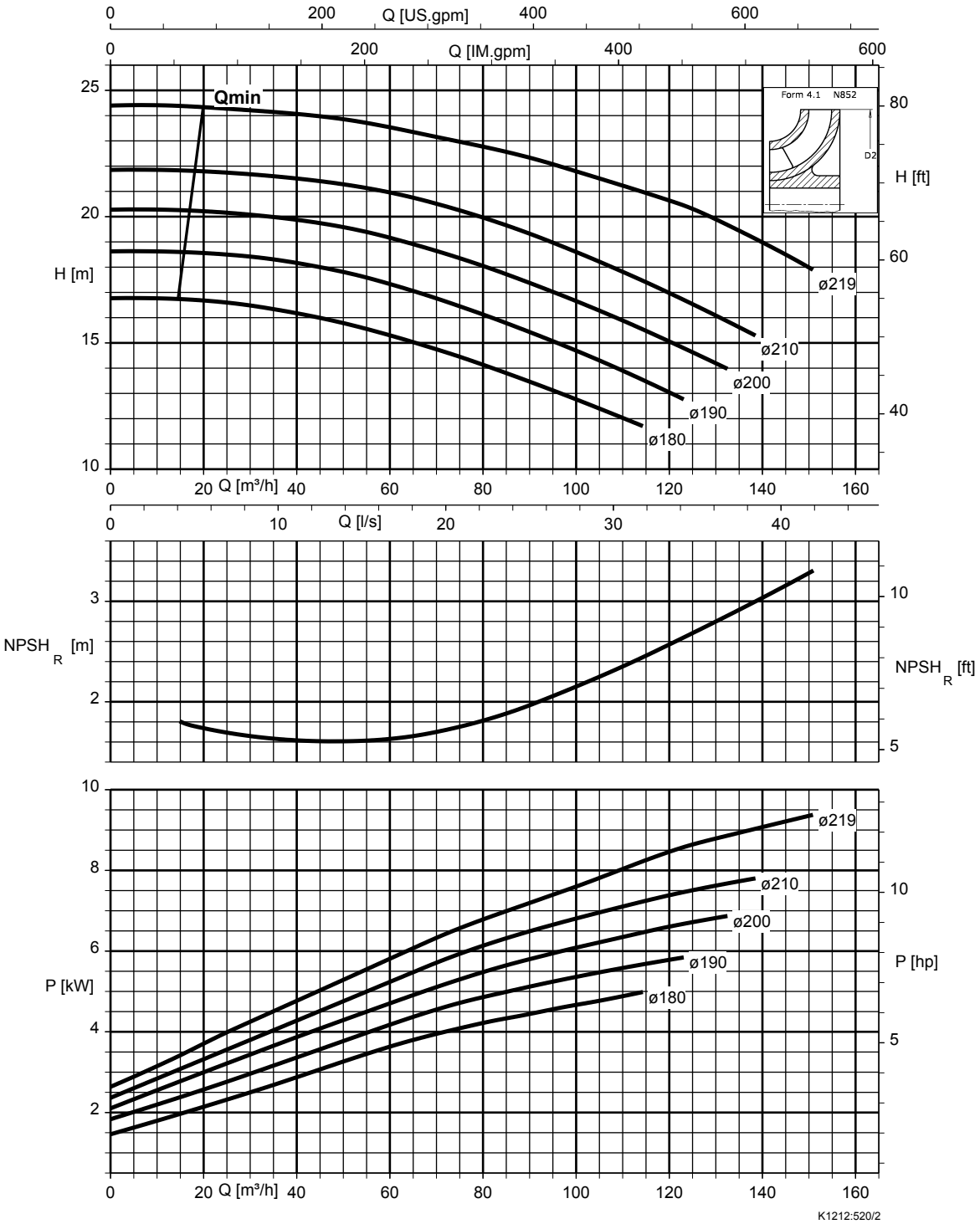
Etachrom L / Etachrom B, 080-065-200, n = 1750 min⁻¹



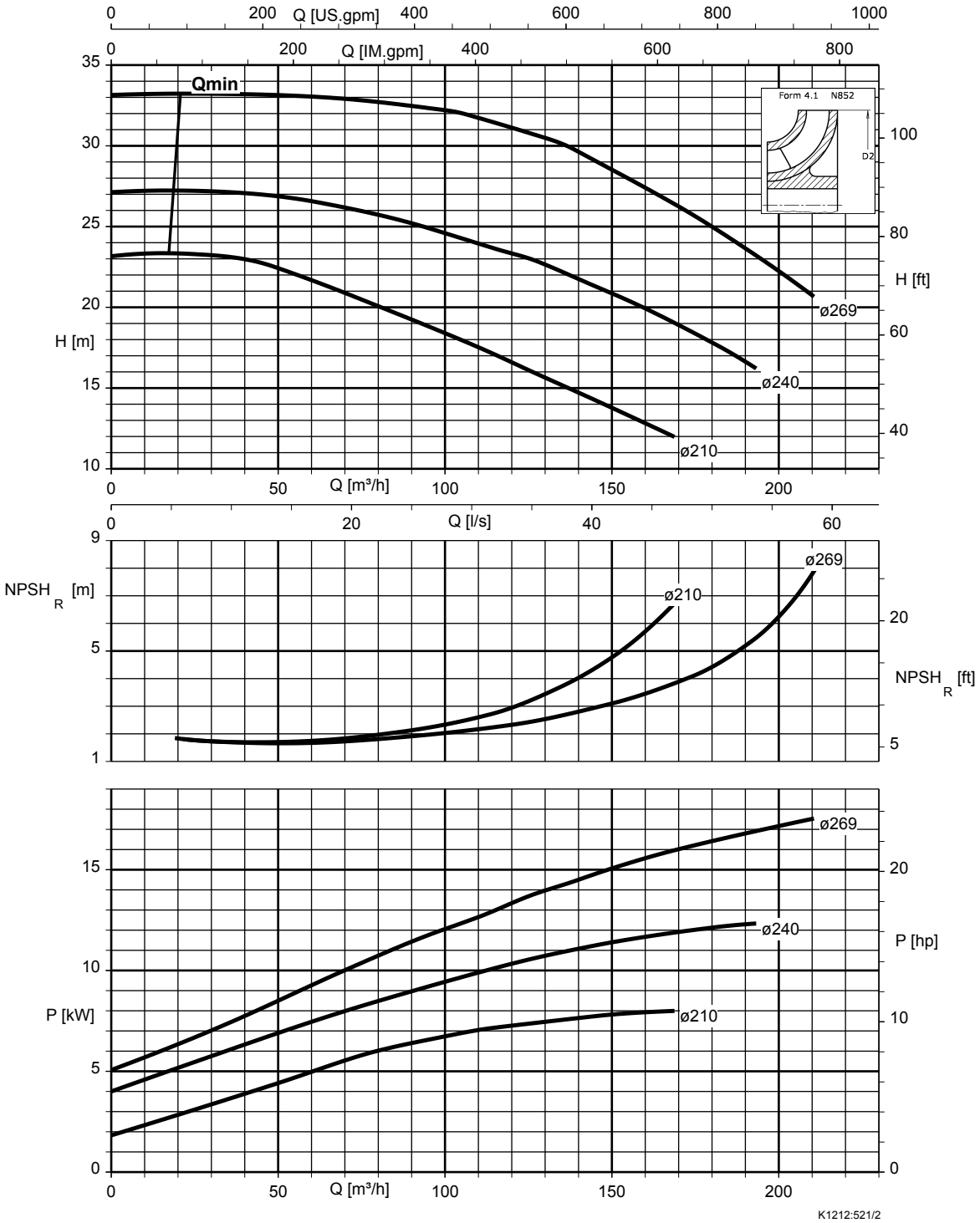
Etachrom L / Etachrom B, 080-065-250, n = 1750 min⁻¹



Etachrom L / Etachrom B, 100-080-200, n = 1750 min⁻¹



Etachrom L / Etachrom B, 100-080-250, n = 1750 min⁻¹



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