Bomba Padronizada para Uso Geral

Meganorm

Folheto de curvas características

KSB

Ficha técnica

Folheto de curvas características Meganorm

Bombas centrífugas com vedação do eixo

Bomba padronizada para uso geral

Meganorm

Geral

Classe de aceitação: curvas características conforme ISO classe 9906 2B

Valores NPSH
Os valores medidos de NPSH indicados nas curvas características, correspondem a uma queda da altura manométrica de 3%.

Valor NPSH na zona de carga parcial
Os valores NPSH para vazões menores que Q = 0,3 x Q_{otim} só podem ser medidos com um grande esforço. Os valores NPSH na zona de carga parcial não são comprovados.

Massa volumétrica do fluido bombeado
As alturas manométricas e indicações da potência são válidas para fluidos bombeados com uma massa volumétrica de ρ = 1,0 kg/dm³ e uma viscosidade cinemática v até um máx. de 20 mm²/s. Se a massa volumétrica ≠ 1,0, a indicação da potência tem de ser multiplicada por ρ. Com viscosidades >20 mm²/s, é necessário calcular os respectivos dados da água fria e determinar a influência na potência da bomba.

Potência de fricção
Em determinadas versões (rolamentos reforçados, determinadas vedações do eixo) é necessário considerar as potências de fricção e indicá-las como potência adicional na folha de dados.

Fatores de correção
As curvas características são válidas para bombas com rotores de ferro fundido ou de bronze. No caso de utilização de um rotor feito de aço fundido, é necessário corrigir o rendimento e a potência dos tamanhos afetados com os fatores de correção indicados nas curvas de características.

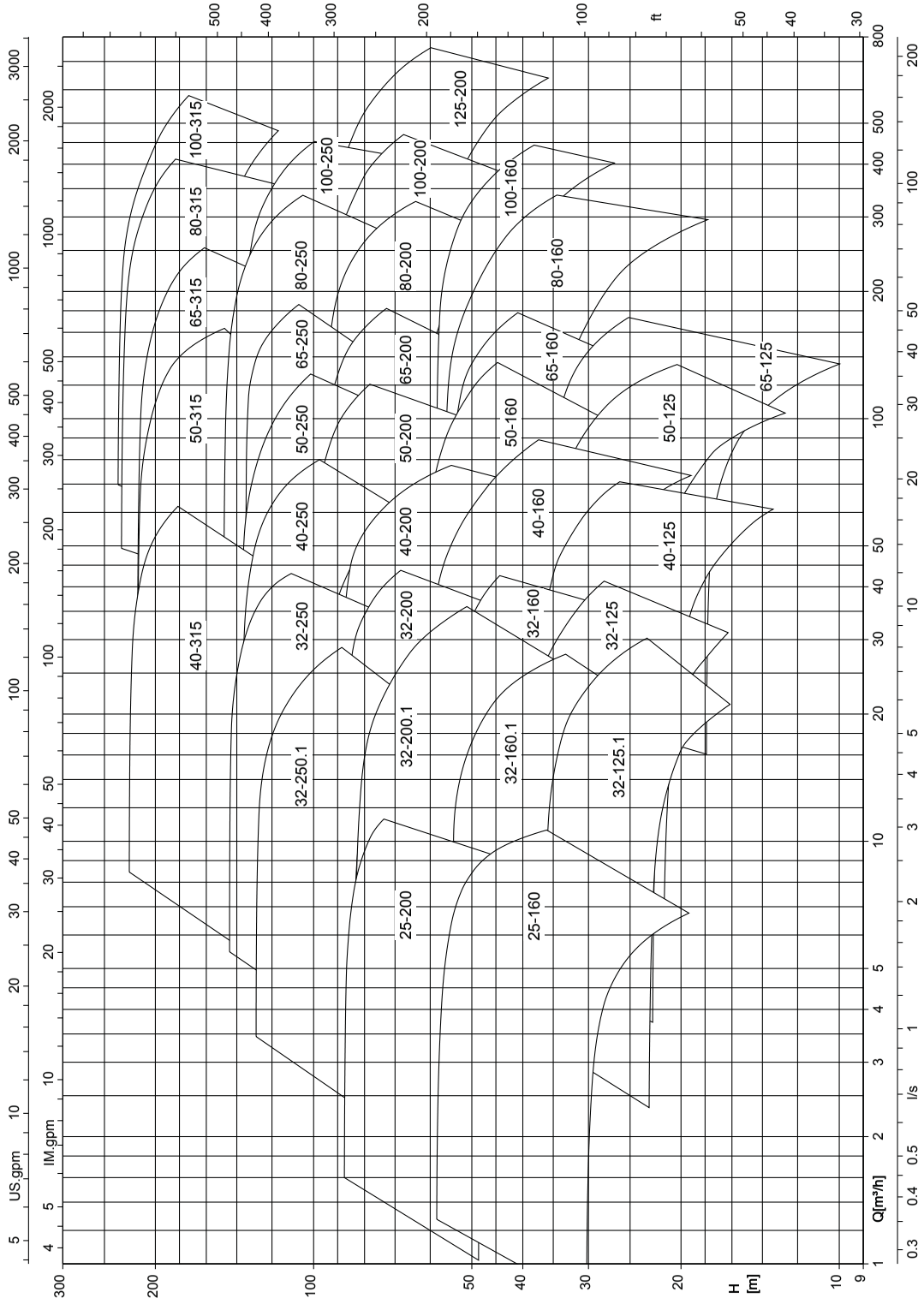
Vista geral dos tamanhos

Tamanho	Rotação [rpm]		
	3500	1750	1160
040-025-160	(⇨ Página 9)	(⇨ Página 43)	(⇨ Página 92)
040-025-200	(⇨ Página 10)	(⇨ Página 44)	(⇨ Página 93)
050-032-125	(⇨ Página 11)	(⇨ Página 45)	(⇨ Página 94)
050-032-125.1	(⇨ Página 12)	(⇨ Página 46)	(⇨ Página 95)
050-032-160.1	(⇨ Página 14)	(⇨ Página 48)	(⇨ Página 97)
050-032-200.1	(⇨ Página 16)	(⇨ Página 50)	(⇨ Página 99)
050-032-250.1	(⇨ Página 18)	(⇨ Página 52)	(⇨ Página 101)
050-032-160	(⇨ Página 13)	(⇨ Página 47)	(⇨ Página 96)
050-032-200	(⇨ Página 15)	(⇨ Página 49)	(⇨ Página 98)
050-032-250	(⇨ Página 17)	(⇨ Página 51)	(⇨ Página 100)
065-040-125	(⇨ Página 19)	(⇨ Página 53)	(⇨ Página 102)
065-040-160	(⇨ Página 20)	(⇨ Página 54)	(⇨ Página 103)
065-040-200	(⇨ Página 21)	(⇨ Página 55)	(⇨ Página 104)
065-040-250	(⇨ Página 22)	(⇨ Página 56)	(⇨ Página 105)
065-040-315	(⇨ Página 23)	(⇨ Página 57)	(⇨ Página 106)
080-050-125	(⇨ Página 24)	(⇨ Página 58)	(⇨ Página 107)
080-050-160	(⇨ Página 25)	(⇨ Página 59)	(⇨ Página 108)
080-050-200	(⇨ Página 26)	(⇨ Página 60)	(⇨ Página 109)
080-050-250	(⇨ Página 27)	(⇨ Página 61)	(⇨ Página 110)
080-050-315	(⇨ Página 28)	(⇨ Página 62)	(⇨ Página 111)
100-065-125	(⇨ Página 29)	(⇨ Página 63)	(⇨ Página 112)
100-065-160	(⇨ Página 30)	(⇨ Página 64)	(⇨ Página 113)
100-065-200	(⇨ Página 31)	(⇨ Página 65)	(⇨ Página 114)
100-065-250	(⇨ Página 32)	(⇨ Página 66)	(⇨ Página 115)
100-065-315	(⇨ Página 33)	(⇨ Página 67)	(⇨ Página 116)
125-080-160	(⇨ Página 34)	(⇨ Página 68)	(⇨ Página 117)
125-080-200	(⇨ Página 35)	(⇨ Página 69)	(⇨ Página 118)
125-080-250	(⇨ Página 36)	(⇨ Página 70)	(⇨ Página 119)
125-080-315	(⇨ Página 37)	(⇨ Página 71)	(⇨ Página 120)
125-080-400	-	(⇨ Página 72)	(⇨ Página 121)
125-100-160	(⇨ Página 38)	(⇨ Página 73)	(⇨ Página 122)
125-100-200	(⇨ Página 39)	(⇨ Página 74)	(⇨ Página 123)
125-100-250	(⇨ Página 40)	(⇨ Página 75)	(⇨ Página 124)
125-100-315	(⇨ Página 41)	(⇨ Página 76)	(⇨ Página 125)
125-100-400	-	(⇨ Página 77)	(⇨ Página 126)
150-125-200	(⇨ Página 42)	(⇨ Página 78)	(⇨ Página 127)
150-125-250	-	(⇨ Página 79)	(⇨ Página 128)
150-125-315	-	(⇨ Página 80)	(⇨ Página 129)
150-125-400	-	(⇨ Página 81)	(⇨ Página 130)
200-150-200	-	(⇨ Página 82)	(⇨ Página 131)
200-150-250	-	(⇨ Página 83)	(⇨ Página 132)
200-150-315	-	(⇨ Página 84)	(⇨ Página 133)
200-150-400	-	(⇨ Página 85)	(⇨ Página 134)
200-150-500	-	(⇨ Página 86)	(⇨ Página 135)
200-200-250	-	(⇨ Página 87)	(⇨ Página 136)
250-200-315	-	(⇨ Página 88)	(⇨ Página 137)
250-200-400	-	(⇨ Página 89)	(⇨ Página 138)
250-200-500	-	(⇨ Página 90)	(⇨ Página 139)
300-250-315	-	(⇨ Página 91)	(⇨ Página 140)

Diagramas de características

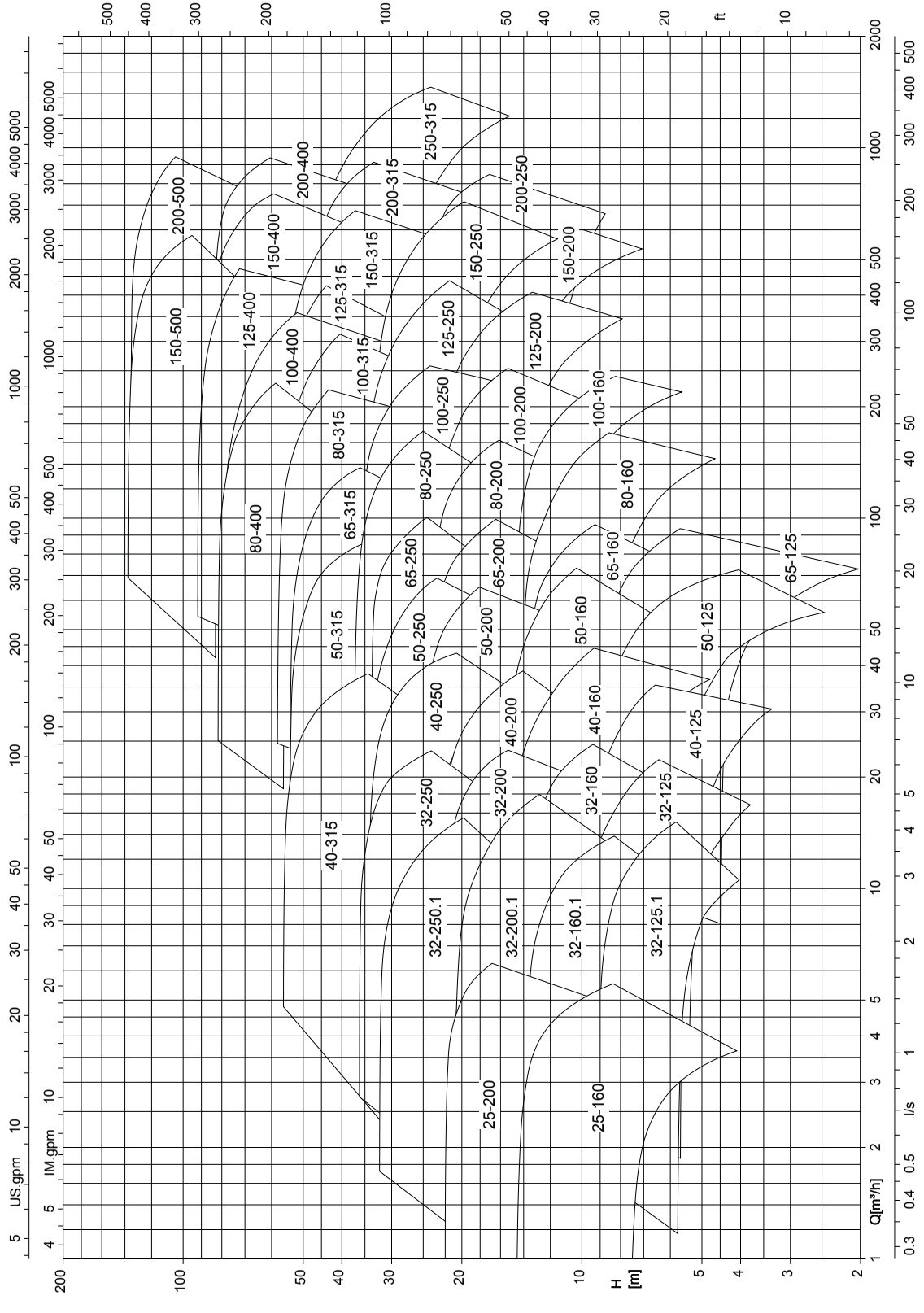
Meganorm, n = 3500 min^{-1}

n = 3500 min^{-1}



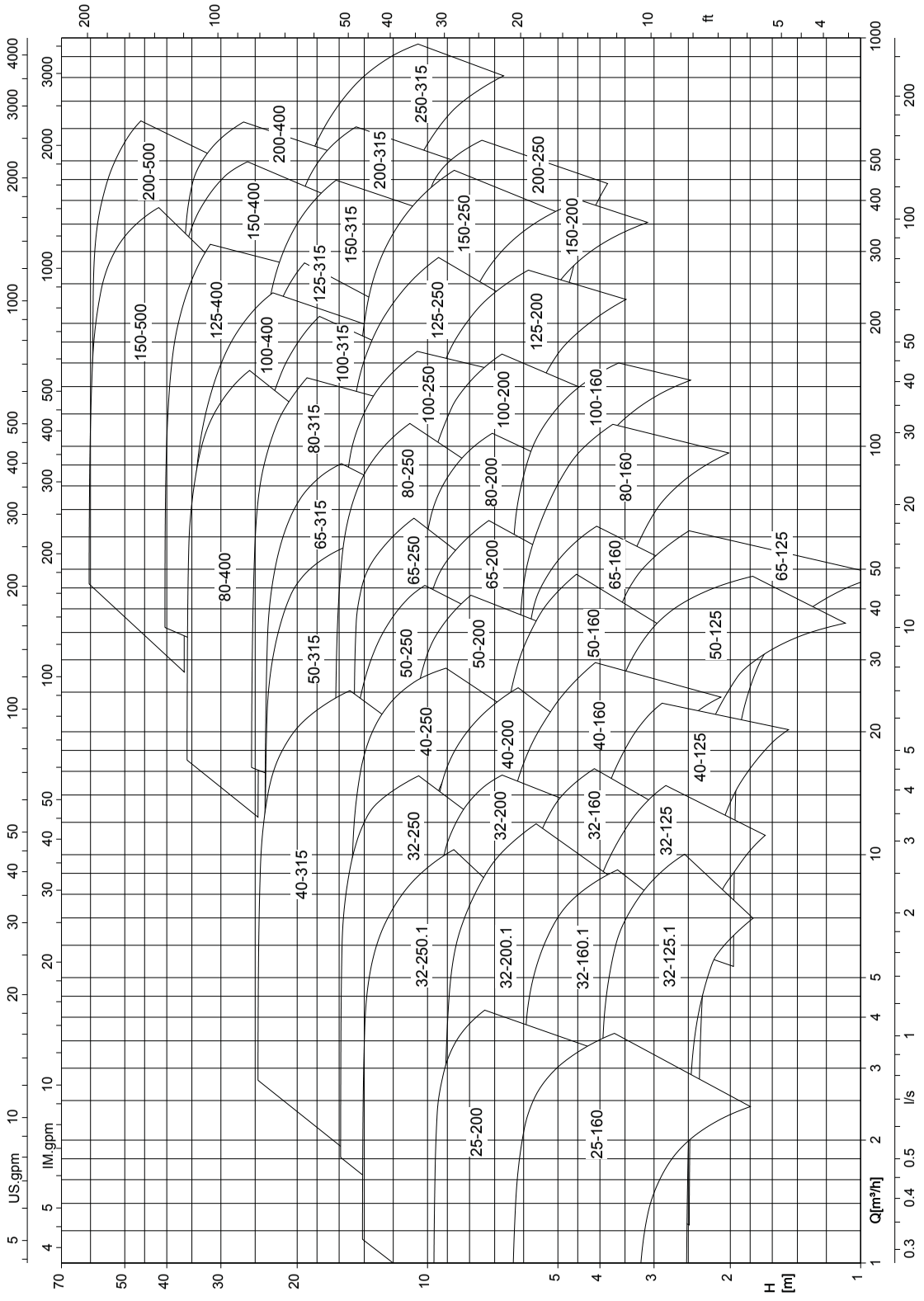
Meganorm, n = 1750 min^{-1}

n = 1750 min^{-1}



Meganorm, n = 1160 min^{-1}

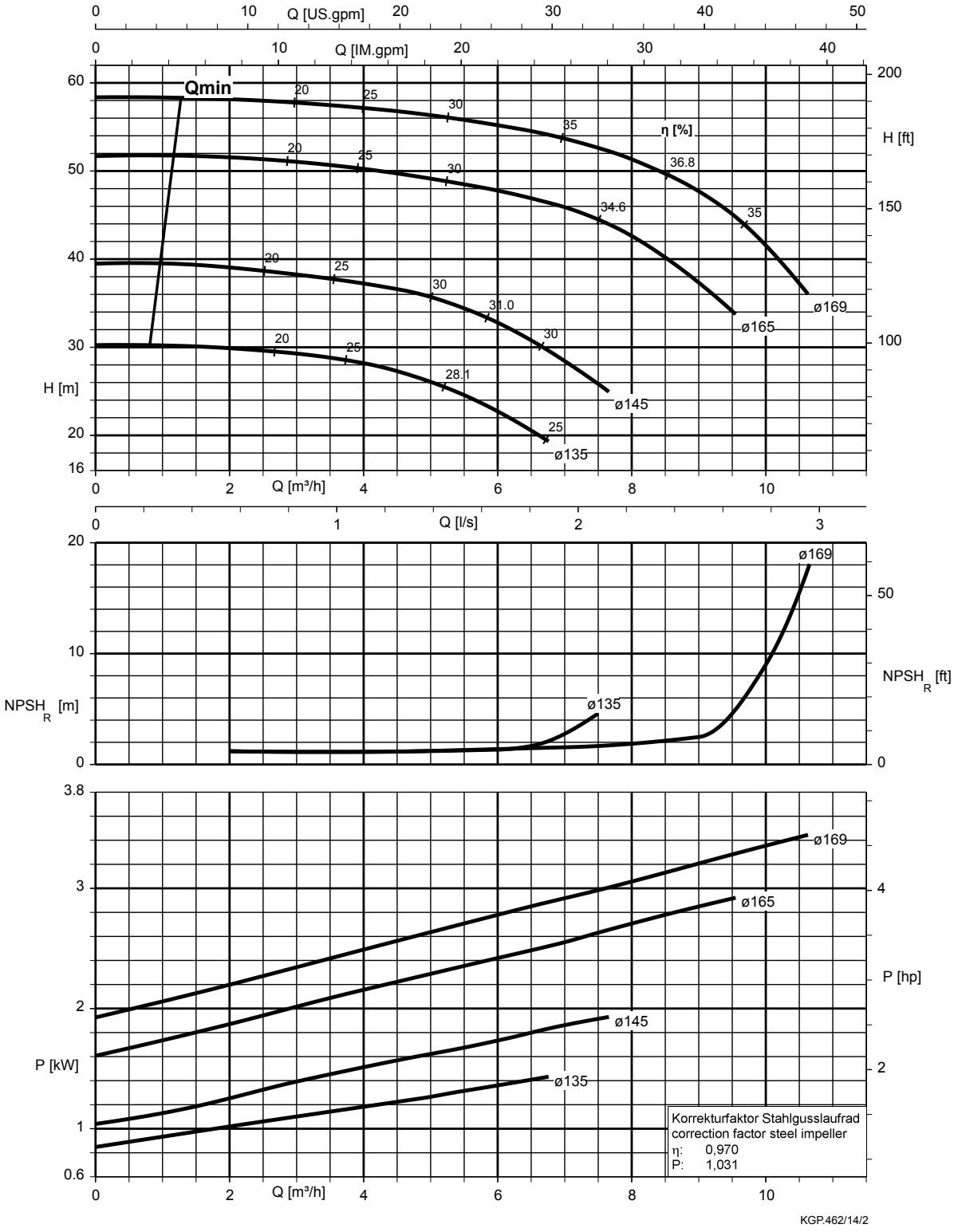
n = 1160 min^{-1}



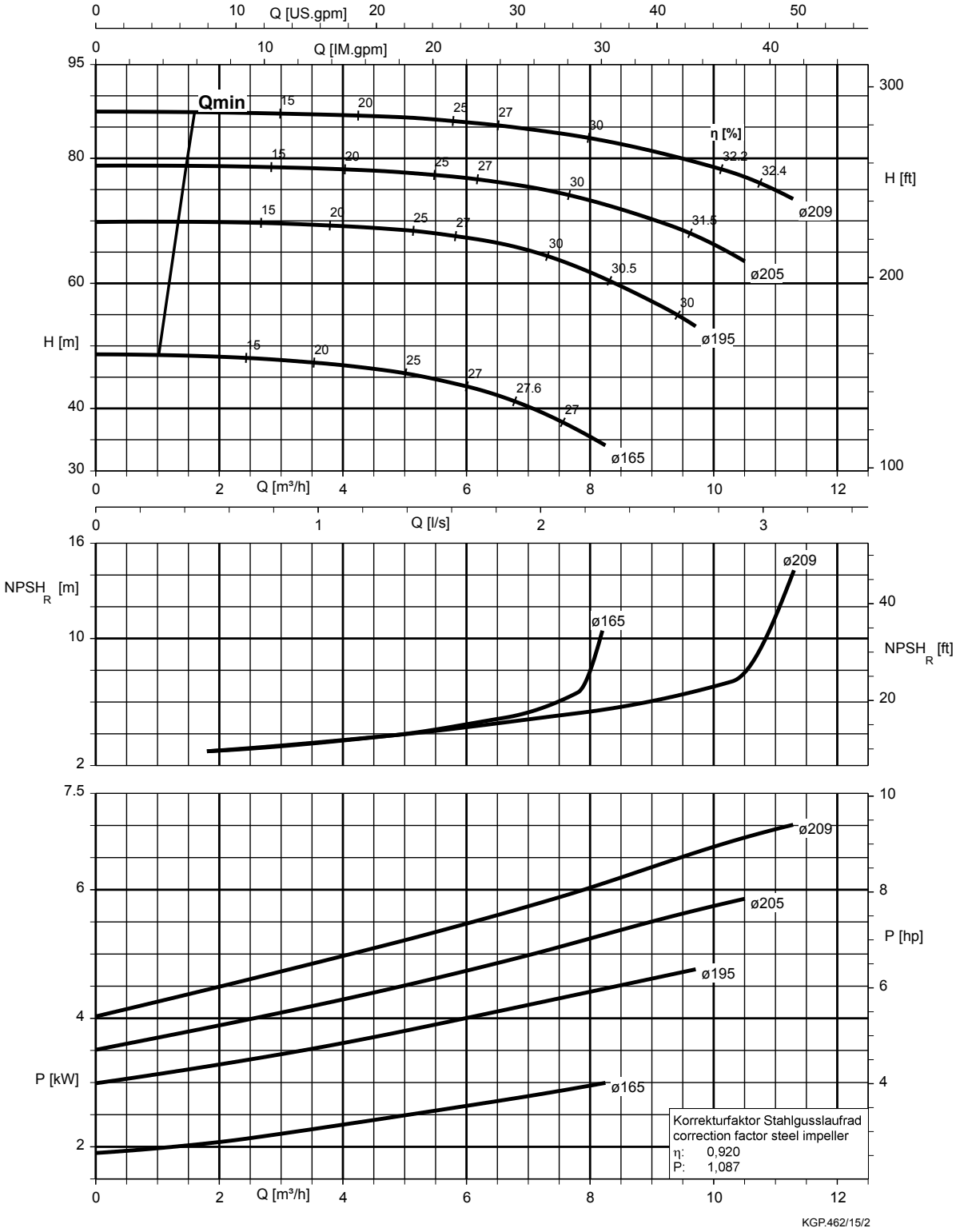
Curvas características

n = 3500 r.p.m.

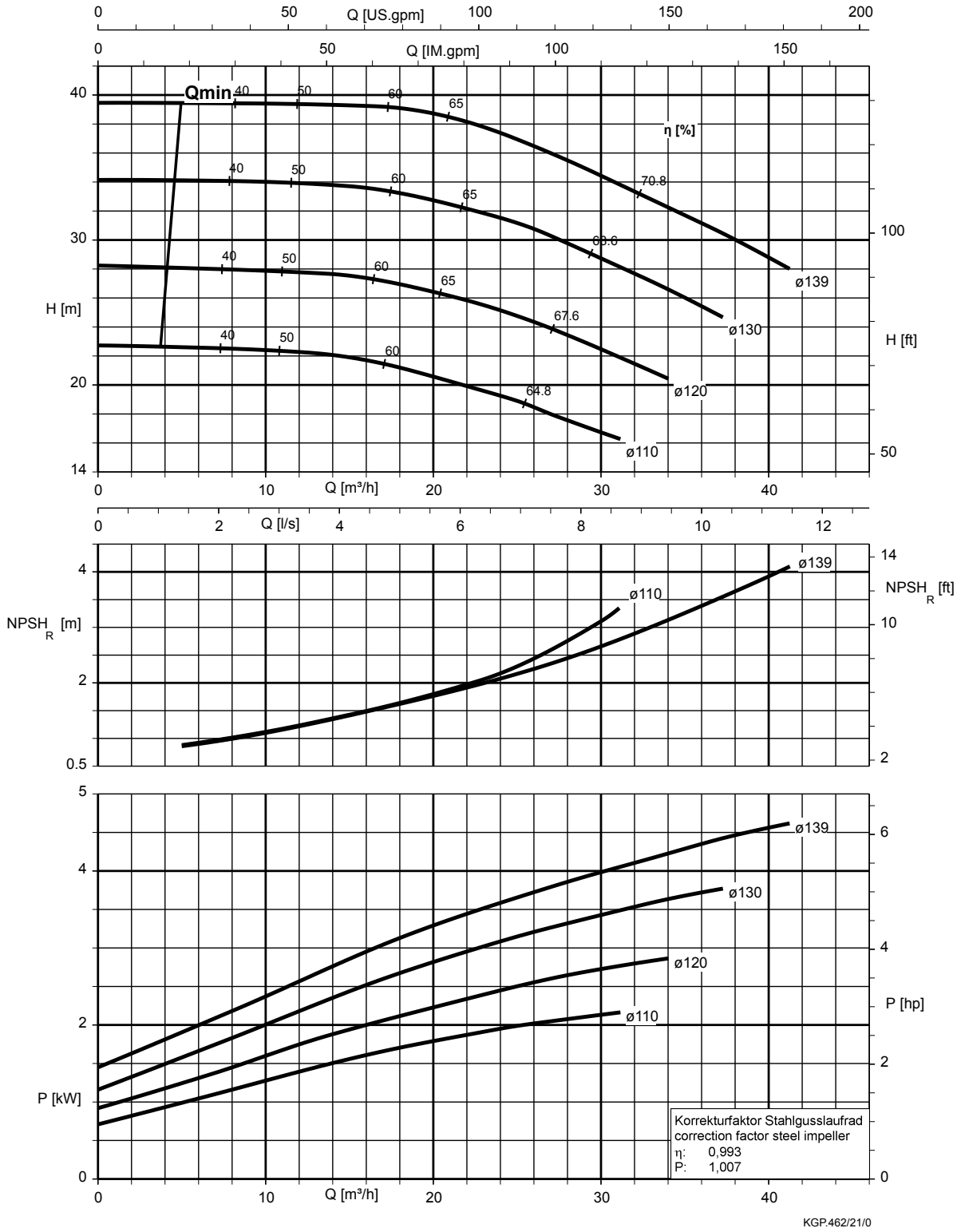
Meganorm 040-025-160, n = 3.500 rpm



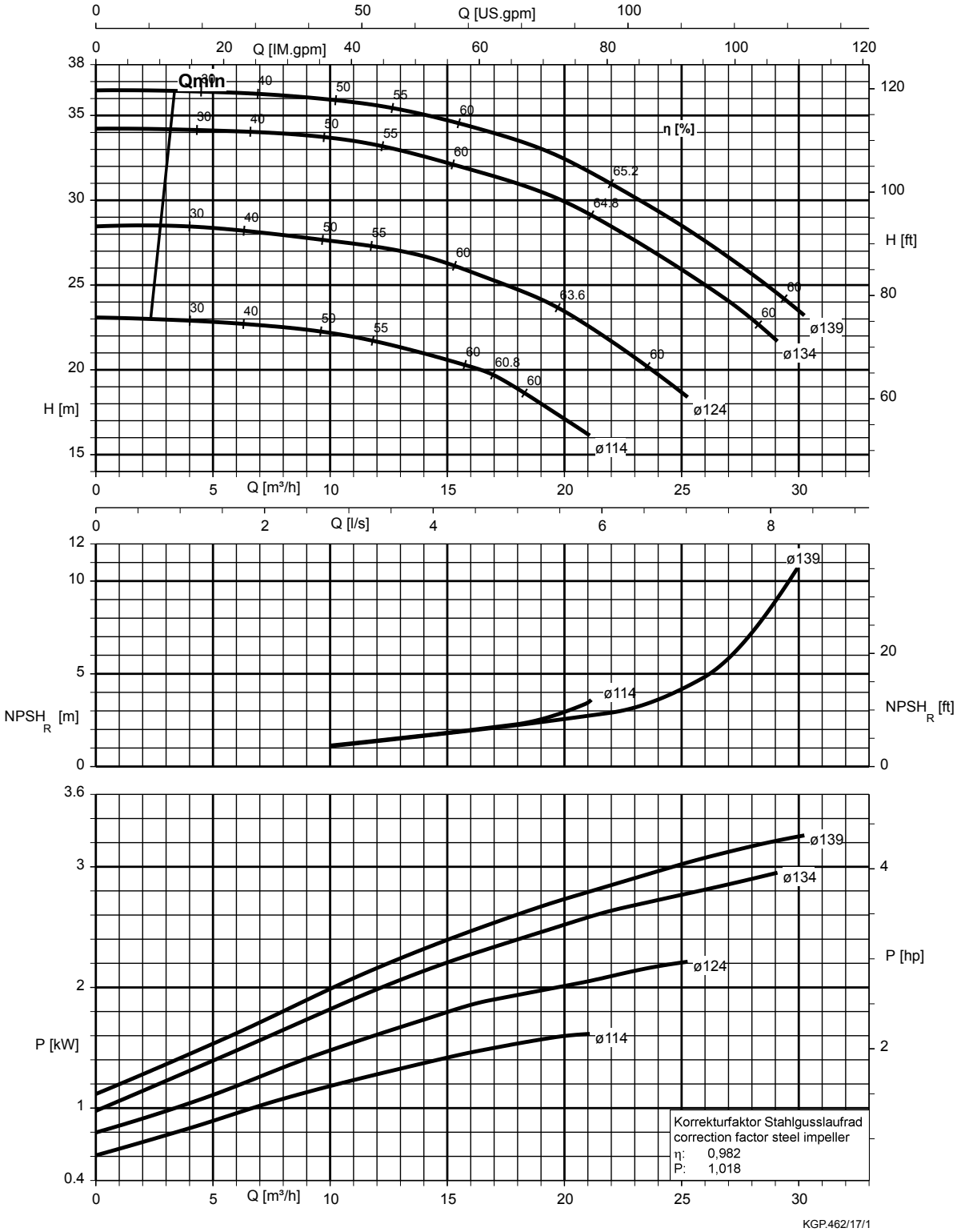
Meganorm 040-025-200, n = 3.500 rpm



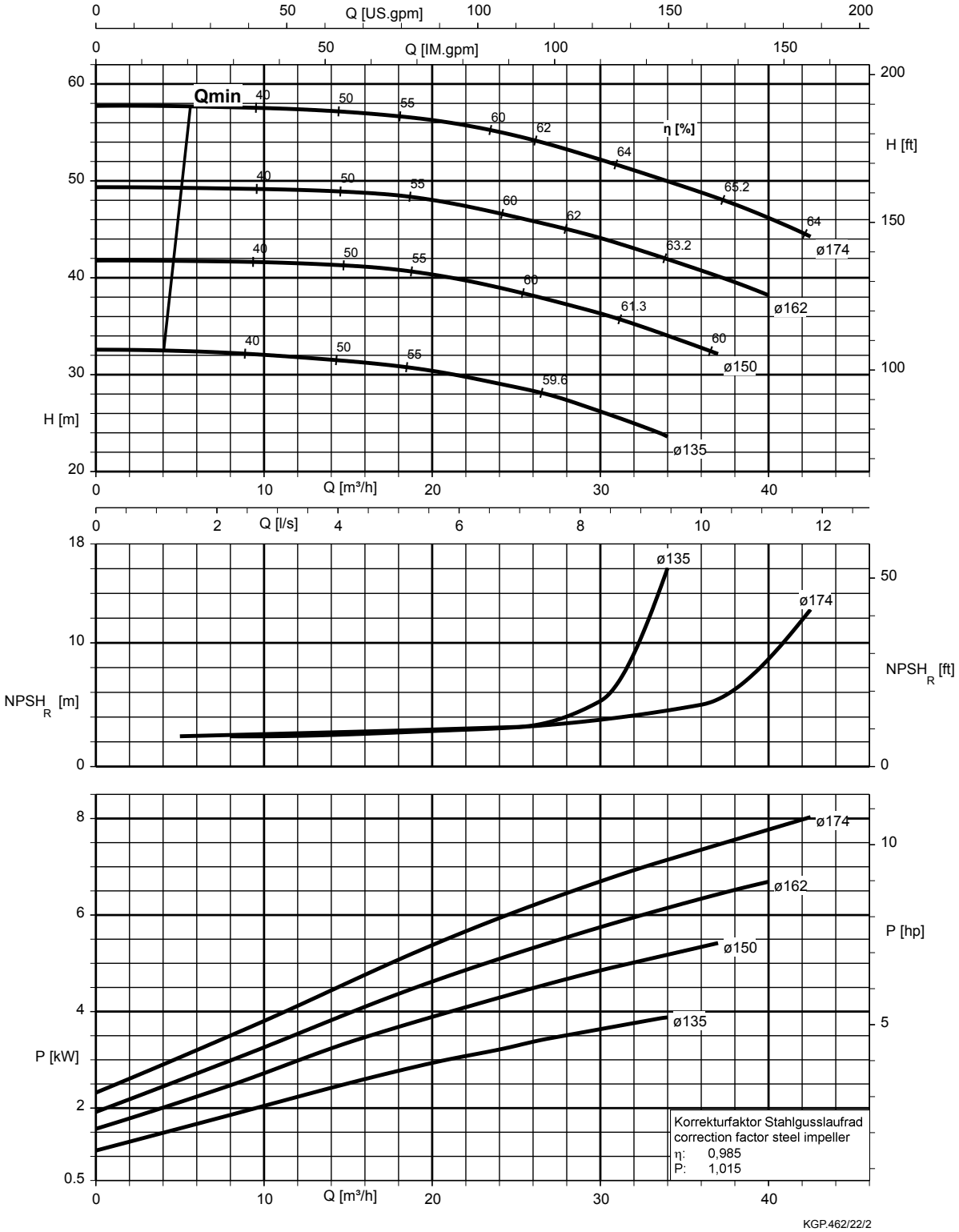
Meganorm 050-032-125, n = 3.500 rpm



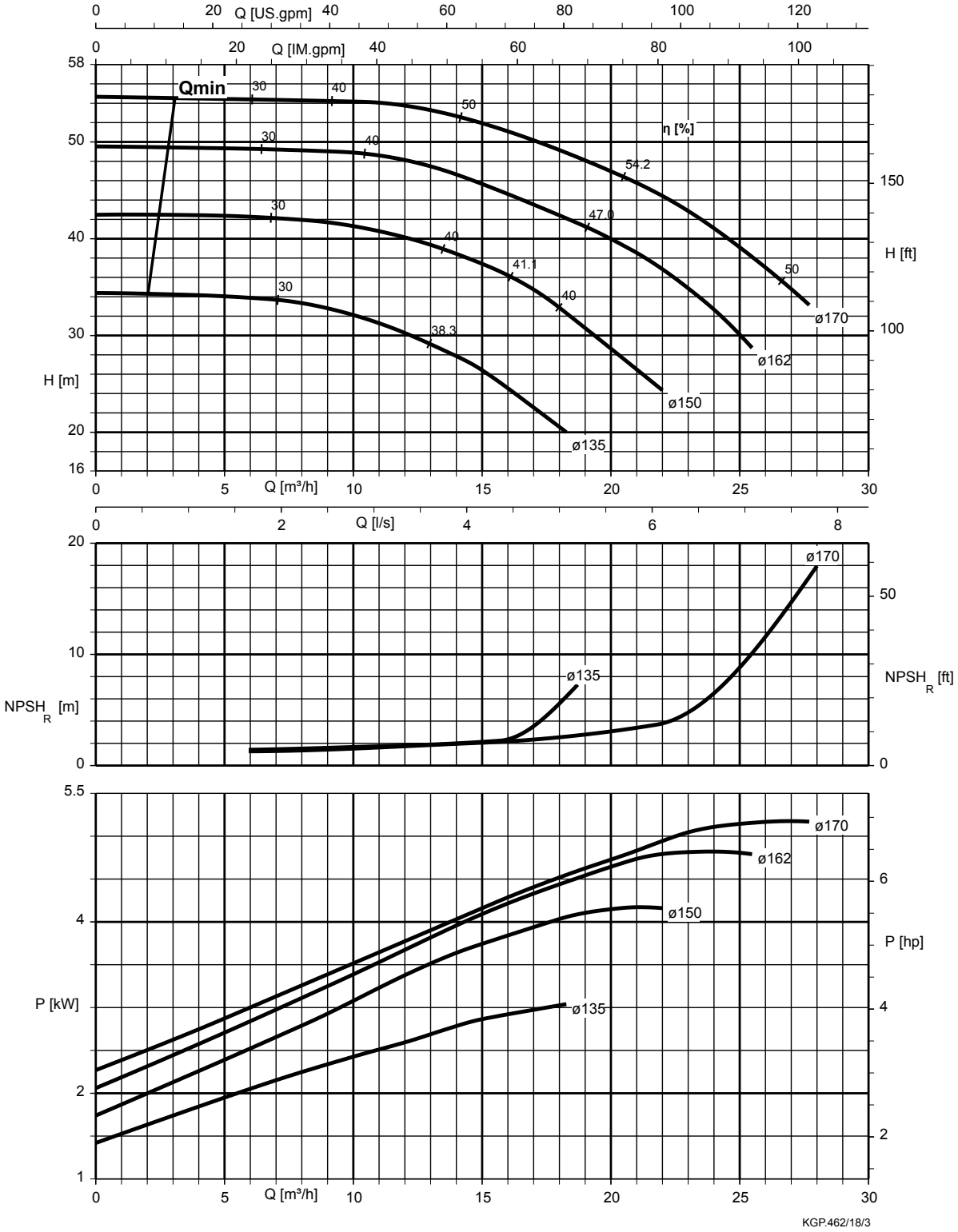
Meganorm 050-032-125.1, n = 3.500 rpm



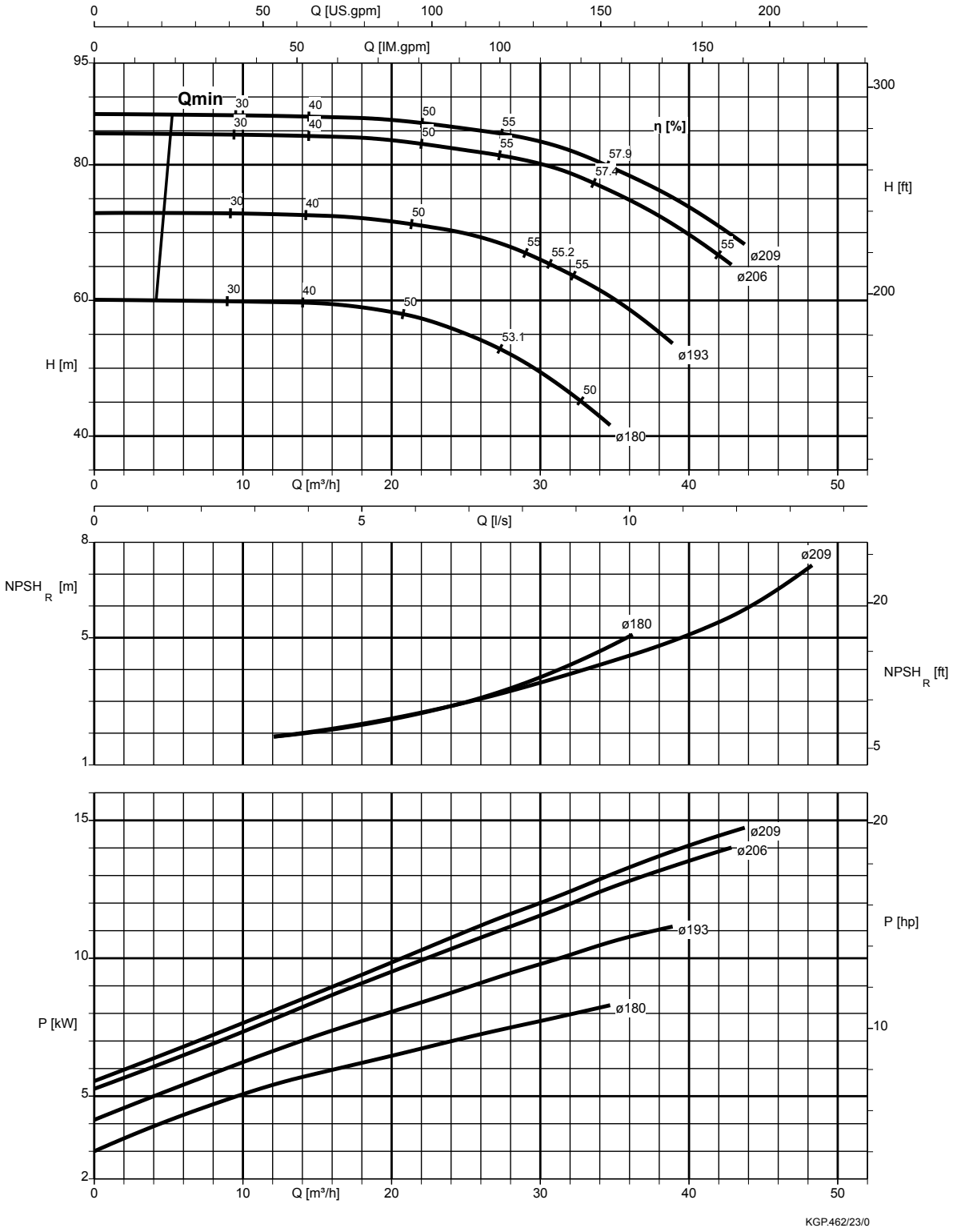
Meganorm 050-032-160, n = 3.500 rpm



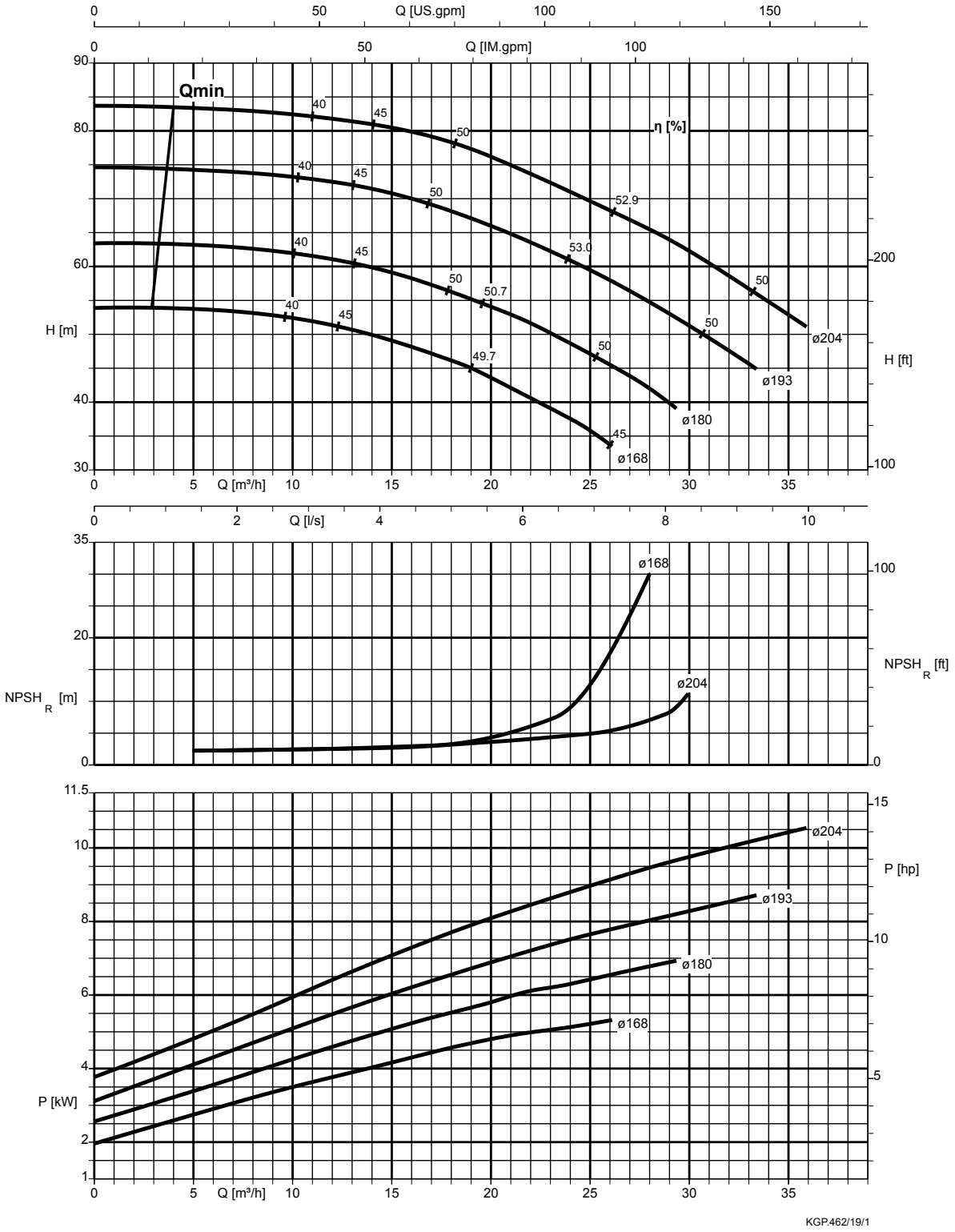
Meganorm 050-032-160.1, n = 3.500 rpm



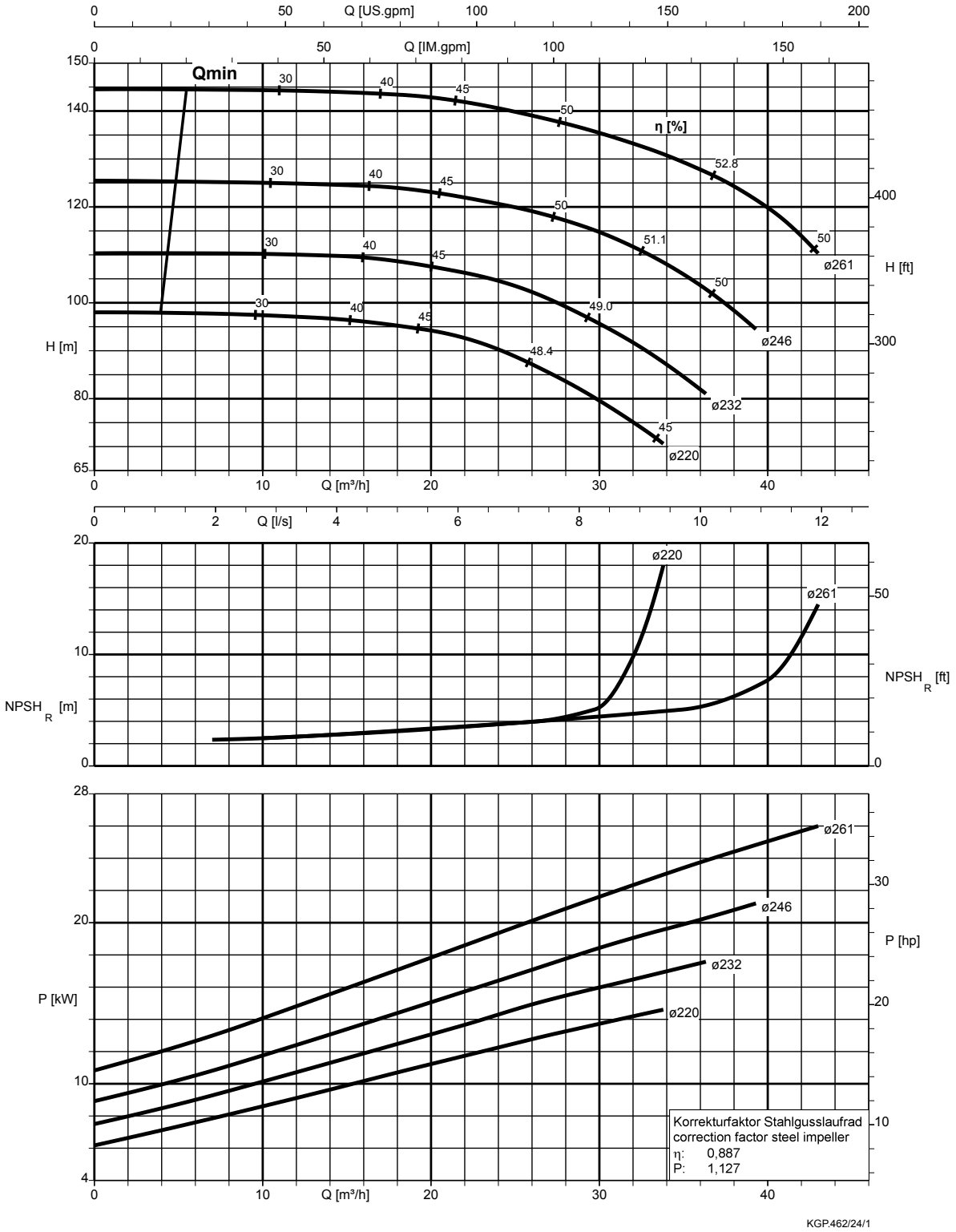
Meganorm 050-032-200, n = 3.500 rpm



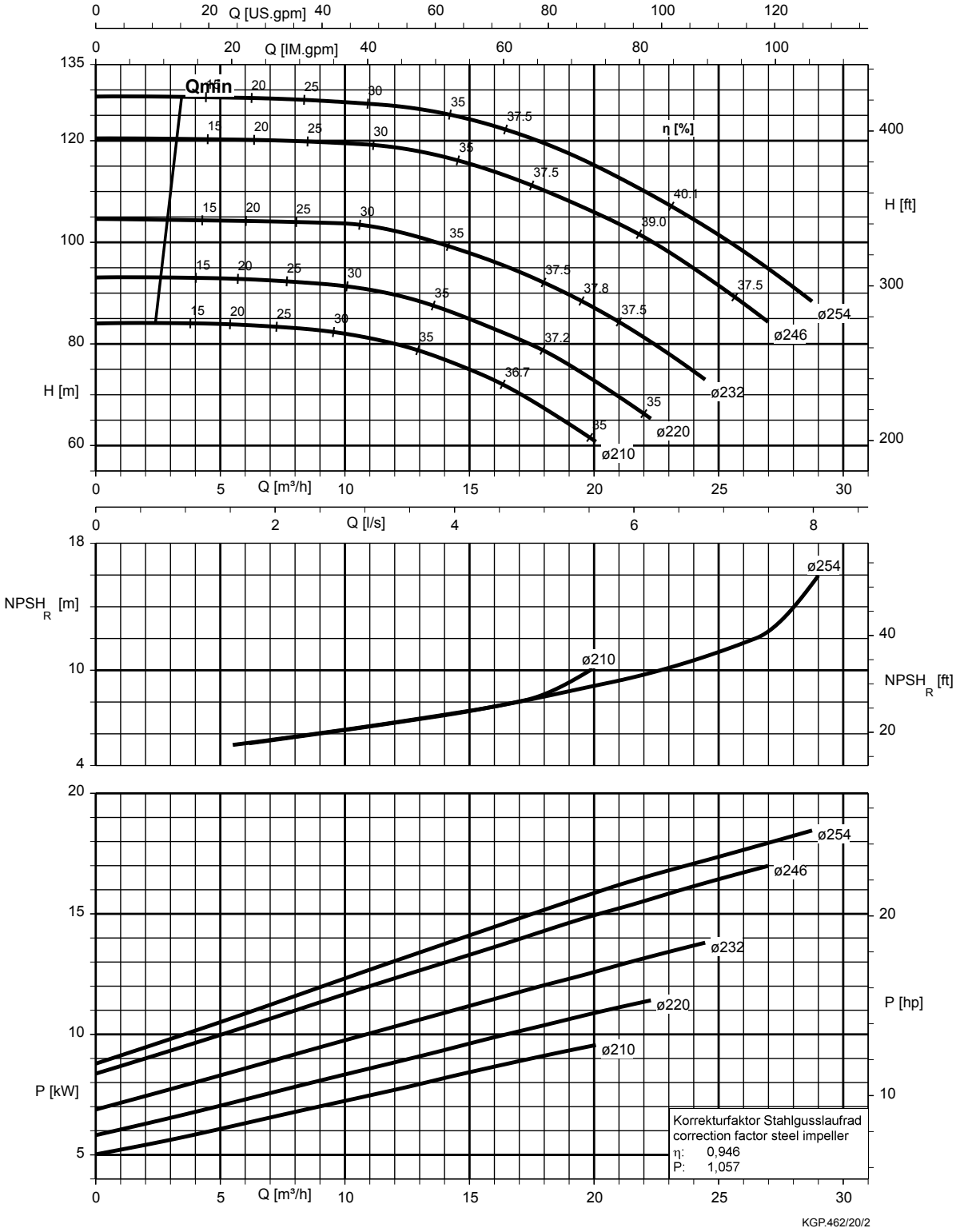
Meganorm 050-032-200.1, n = 3.500 rpm



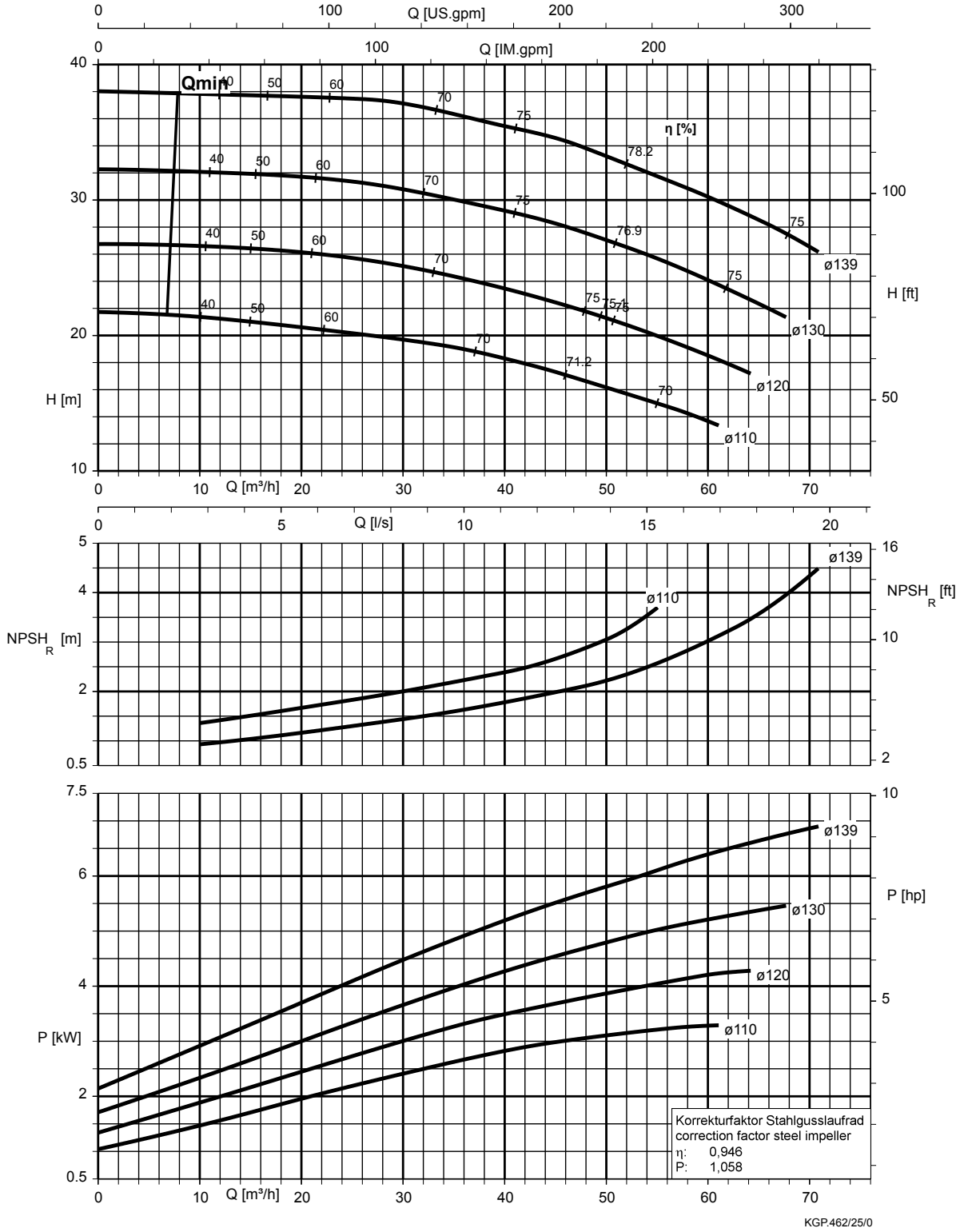
Meganorm 050-032-250, n = 3.500 rpm



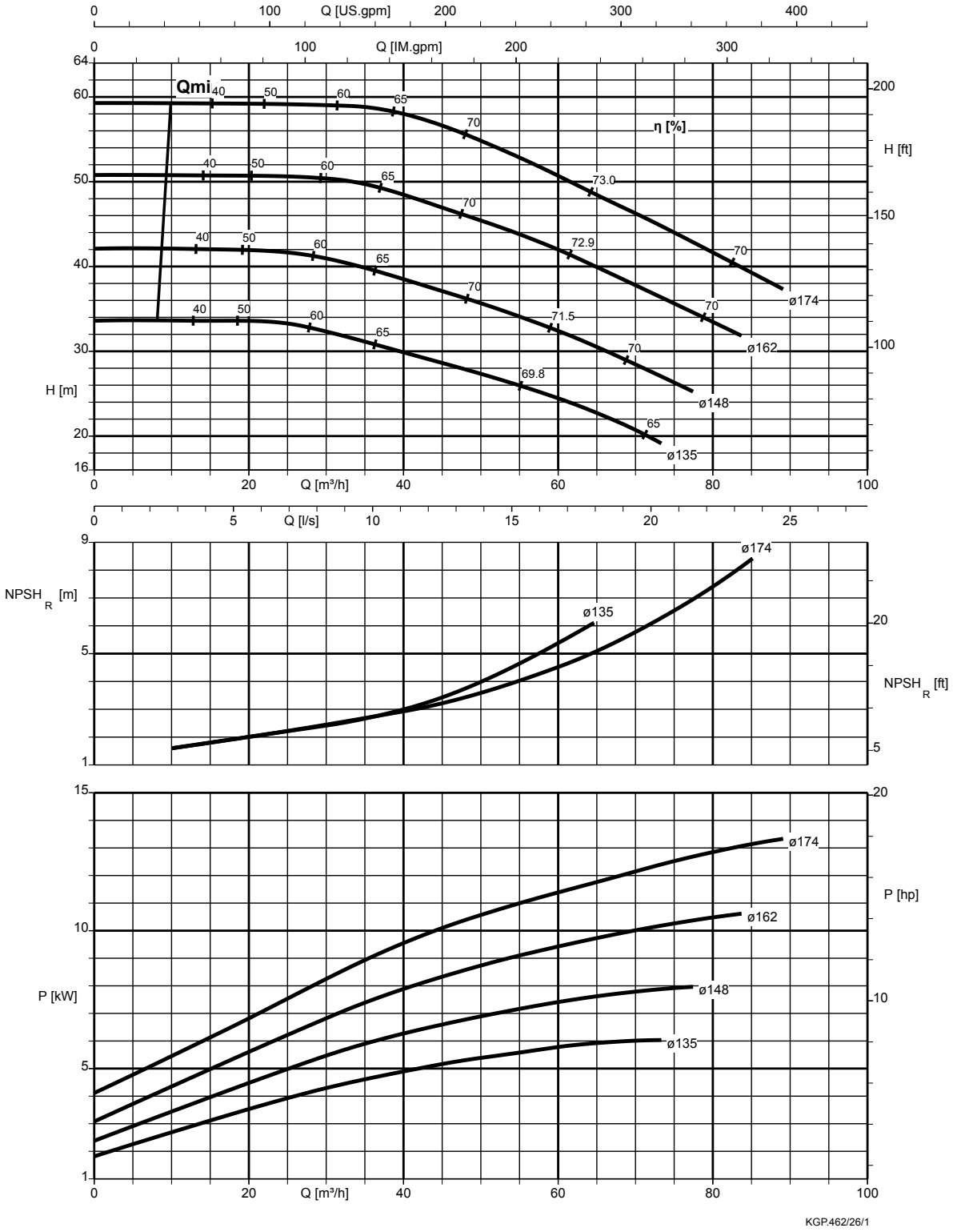
Meganorm 050-032-250.1, n = 3.500 rpm



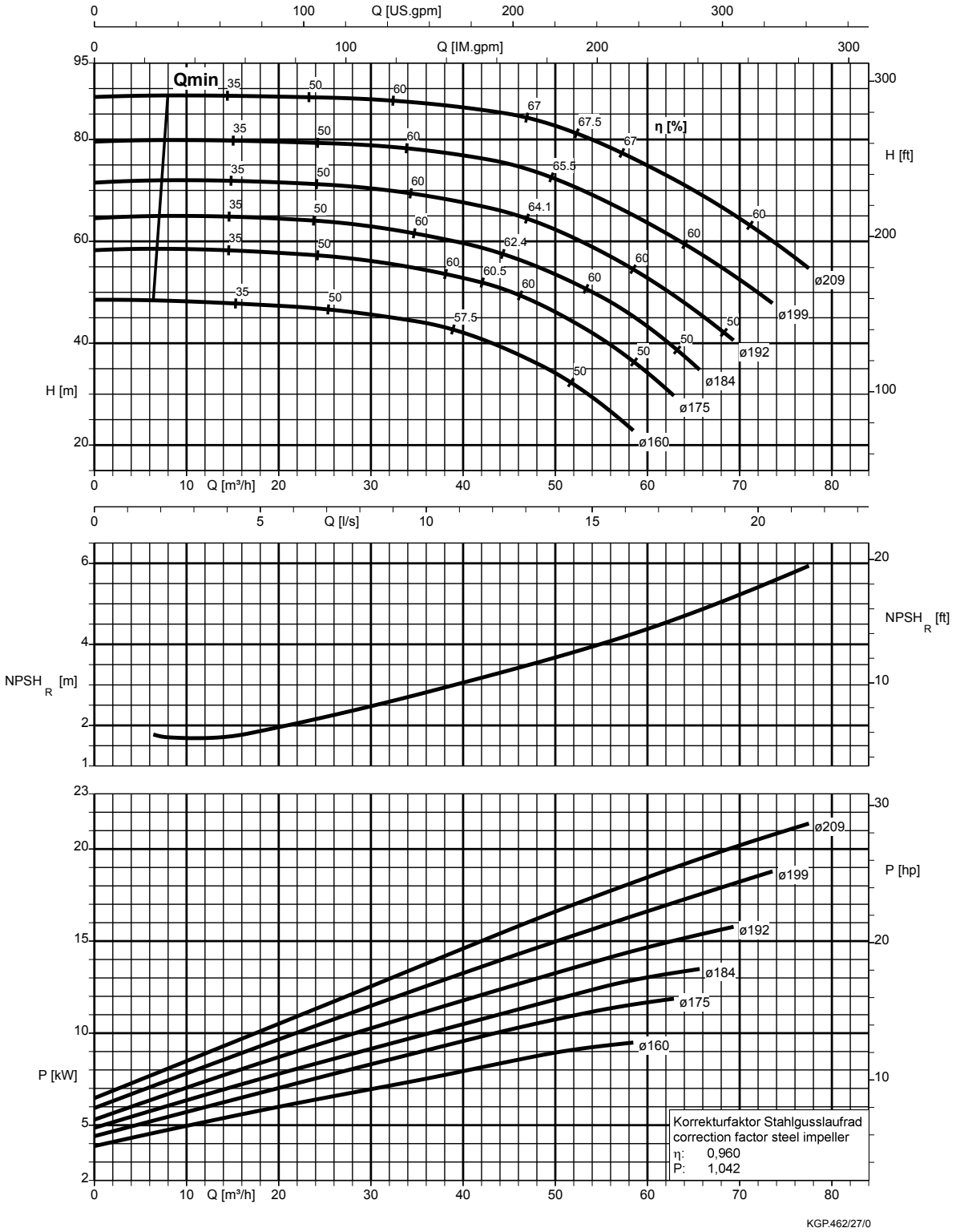
Meganorm 065-040-125, n = 3.500 rpm



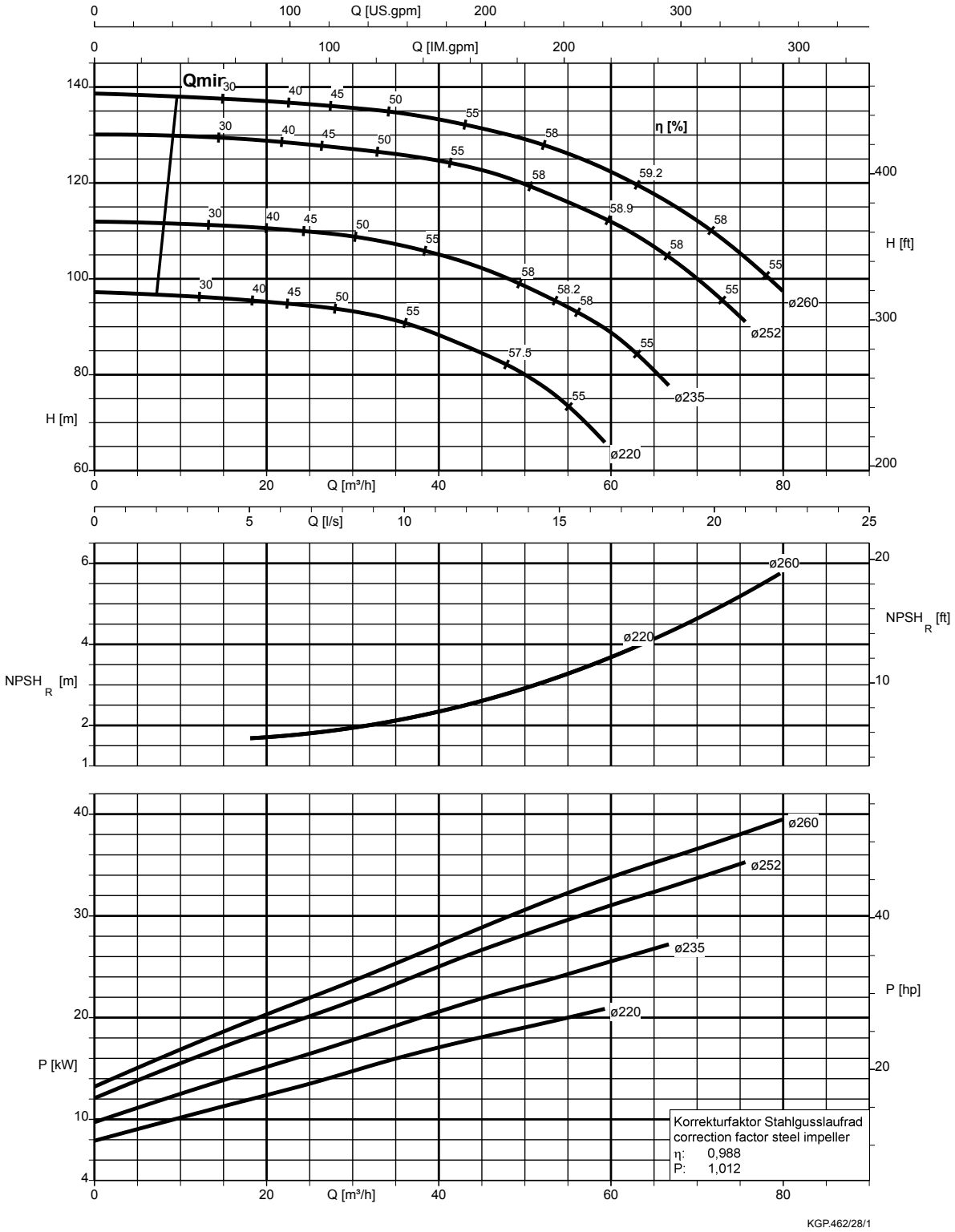
Meganorm 065-040-160, n = 3.500 rpm



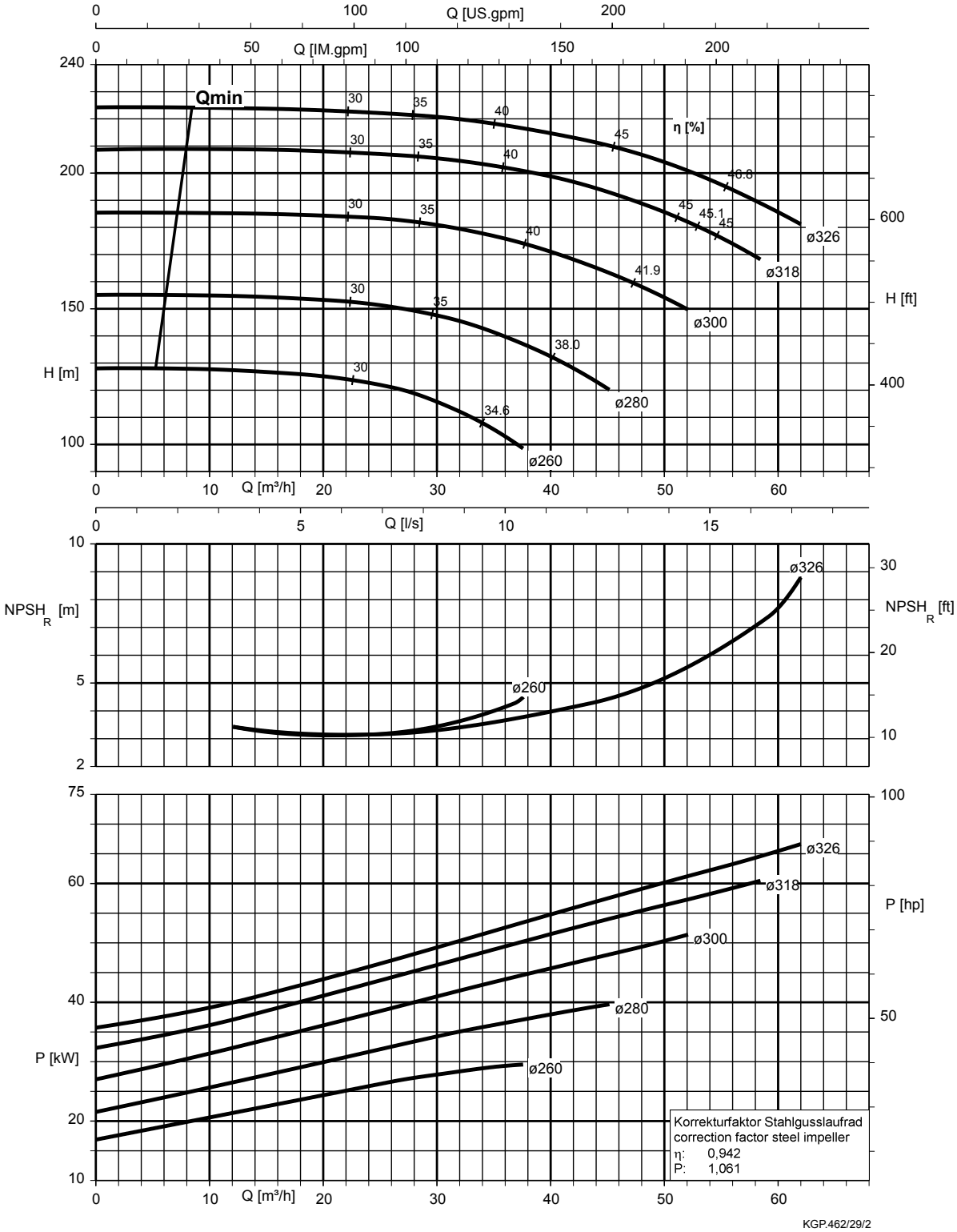
Meganorm 065-040-200, n = 3.500 rpm



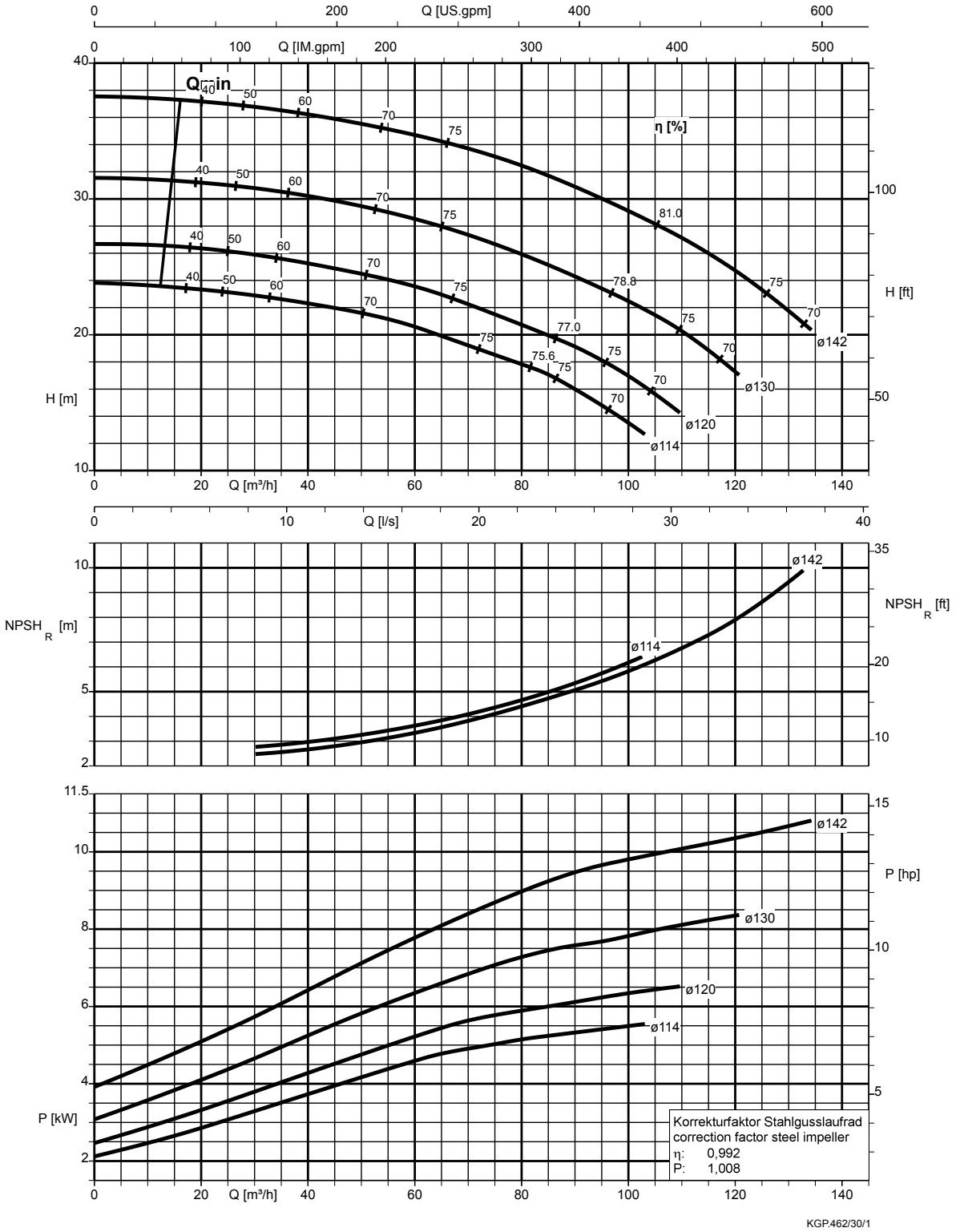
Meganorm 065-040-250, n = 3.500 rpm



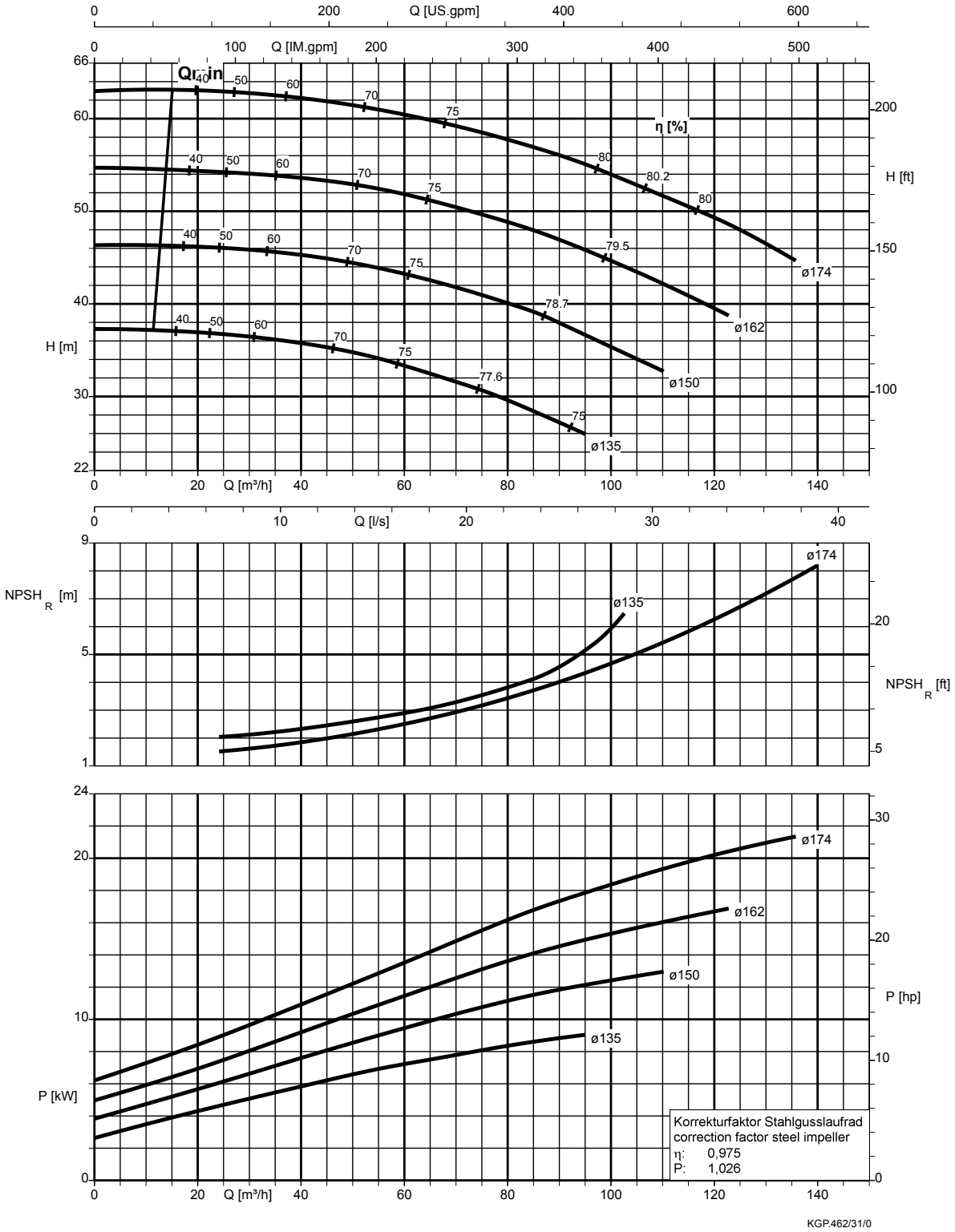
Meganorm 065-040-315, n = 3.500 rpm



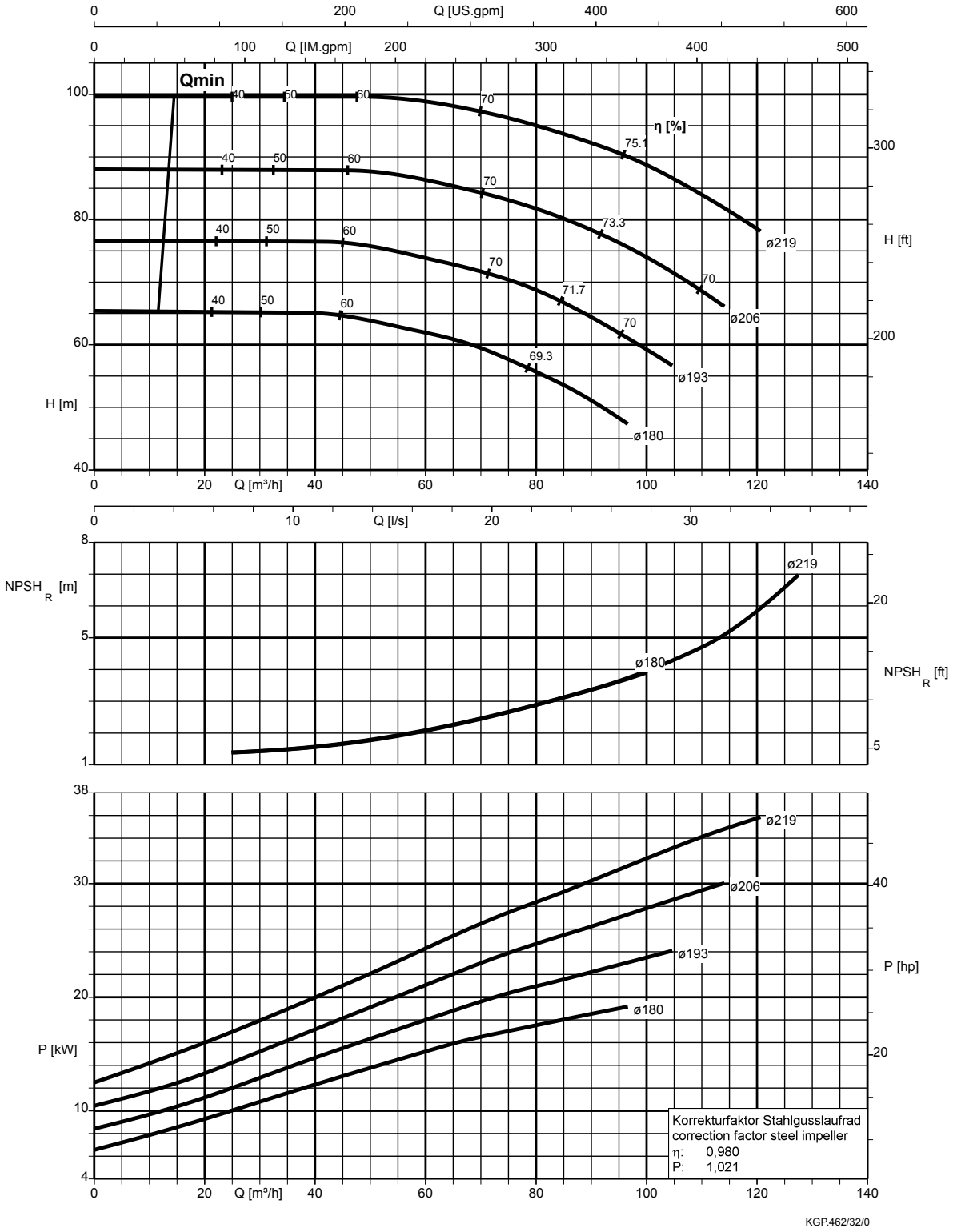
Meganorm 080-050-125, n = 3.500 rpm



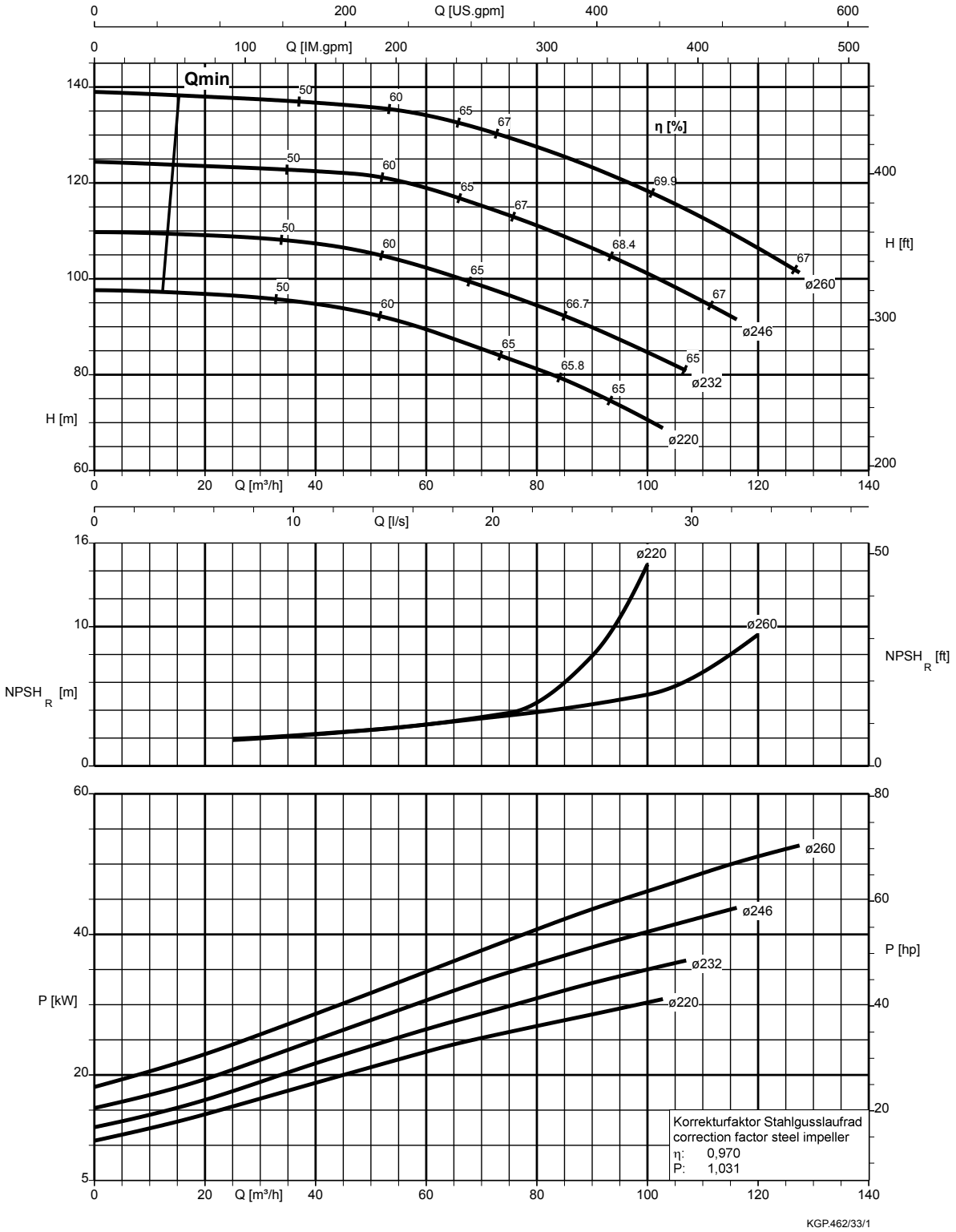
Meganorm 080-050-160, n = 3.500 rpm



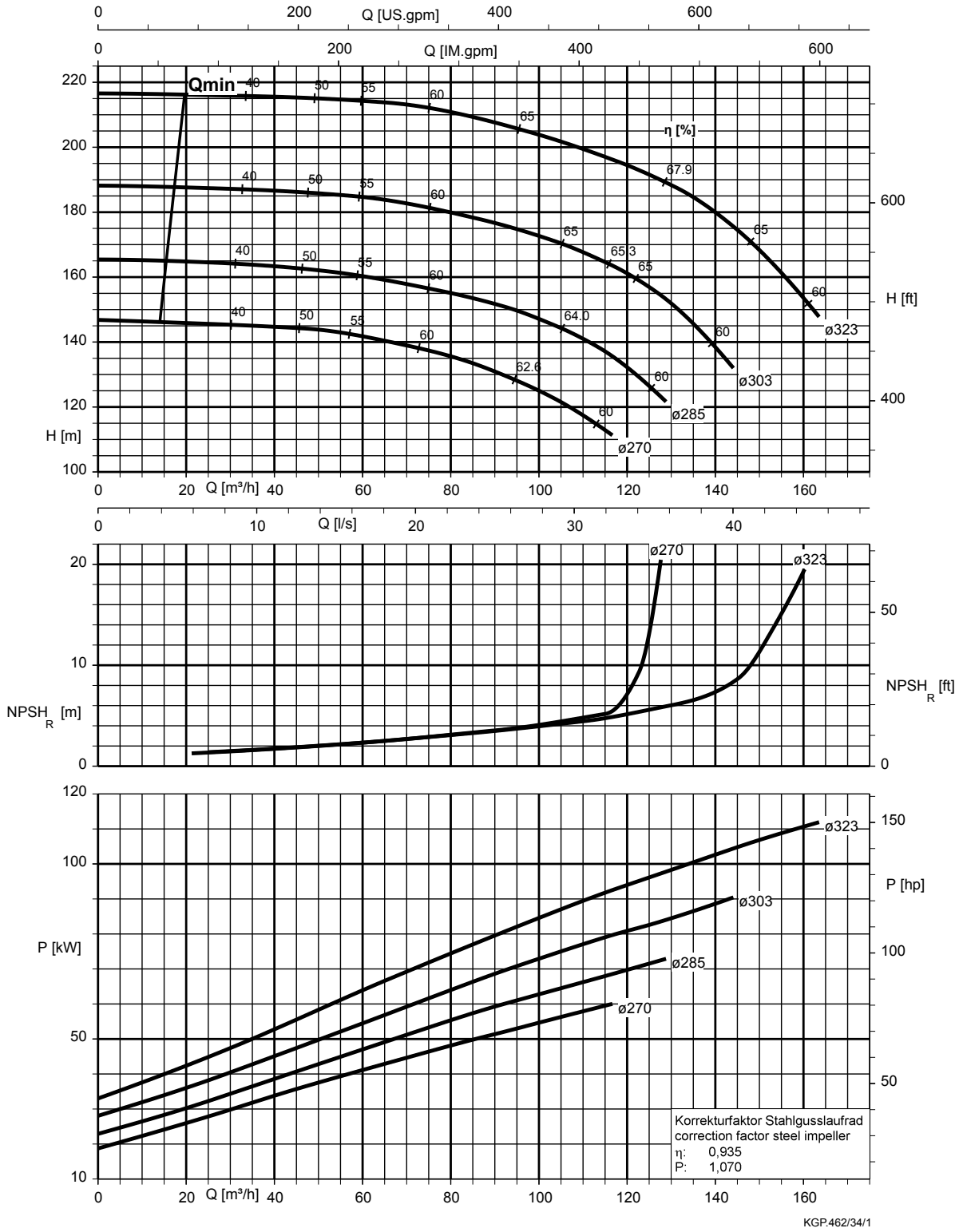
Meganorm 080-050-200, n = 3.500 rpm



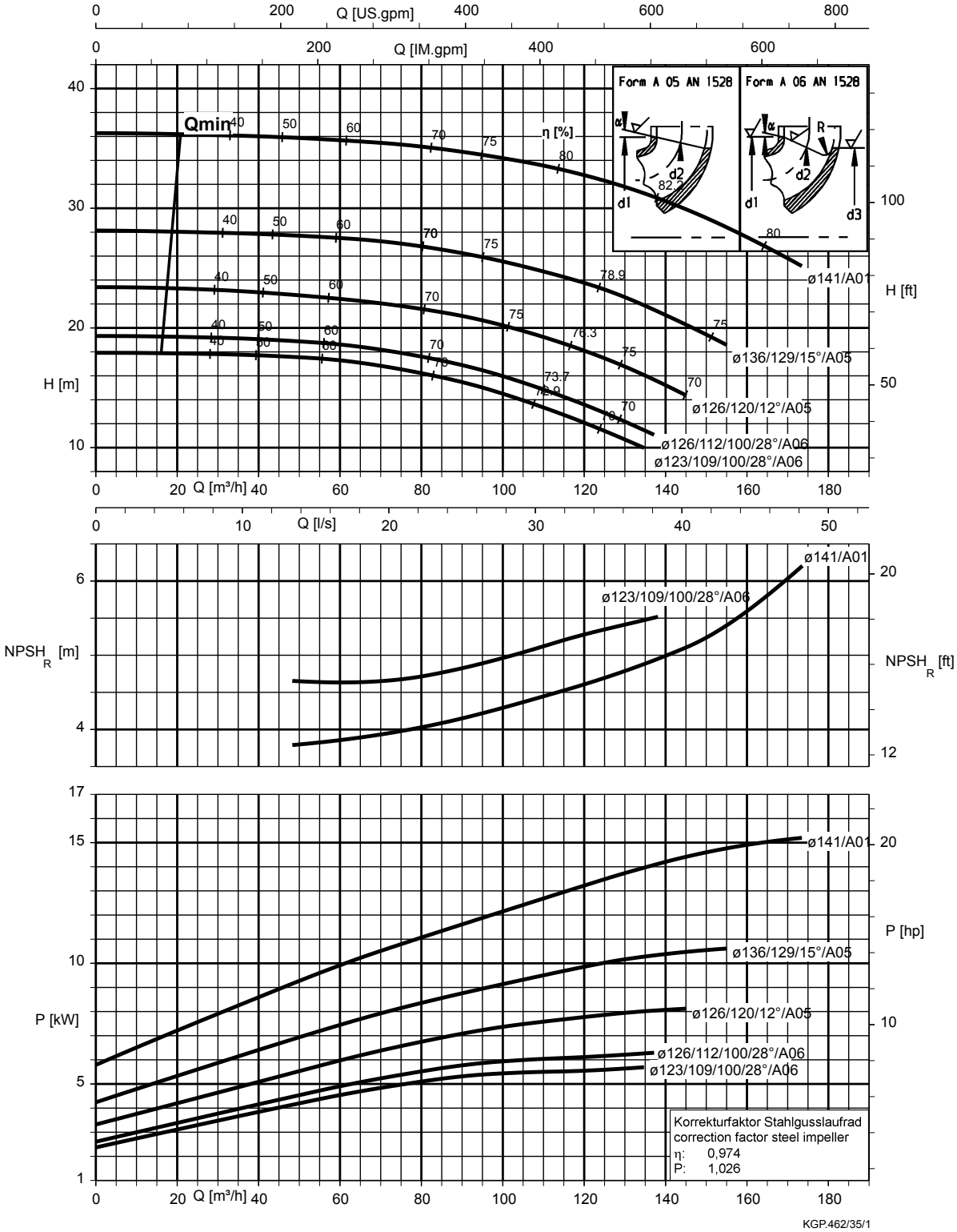
Meganorm 080-050-250, n = 3.500 rpm



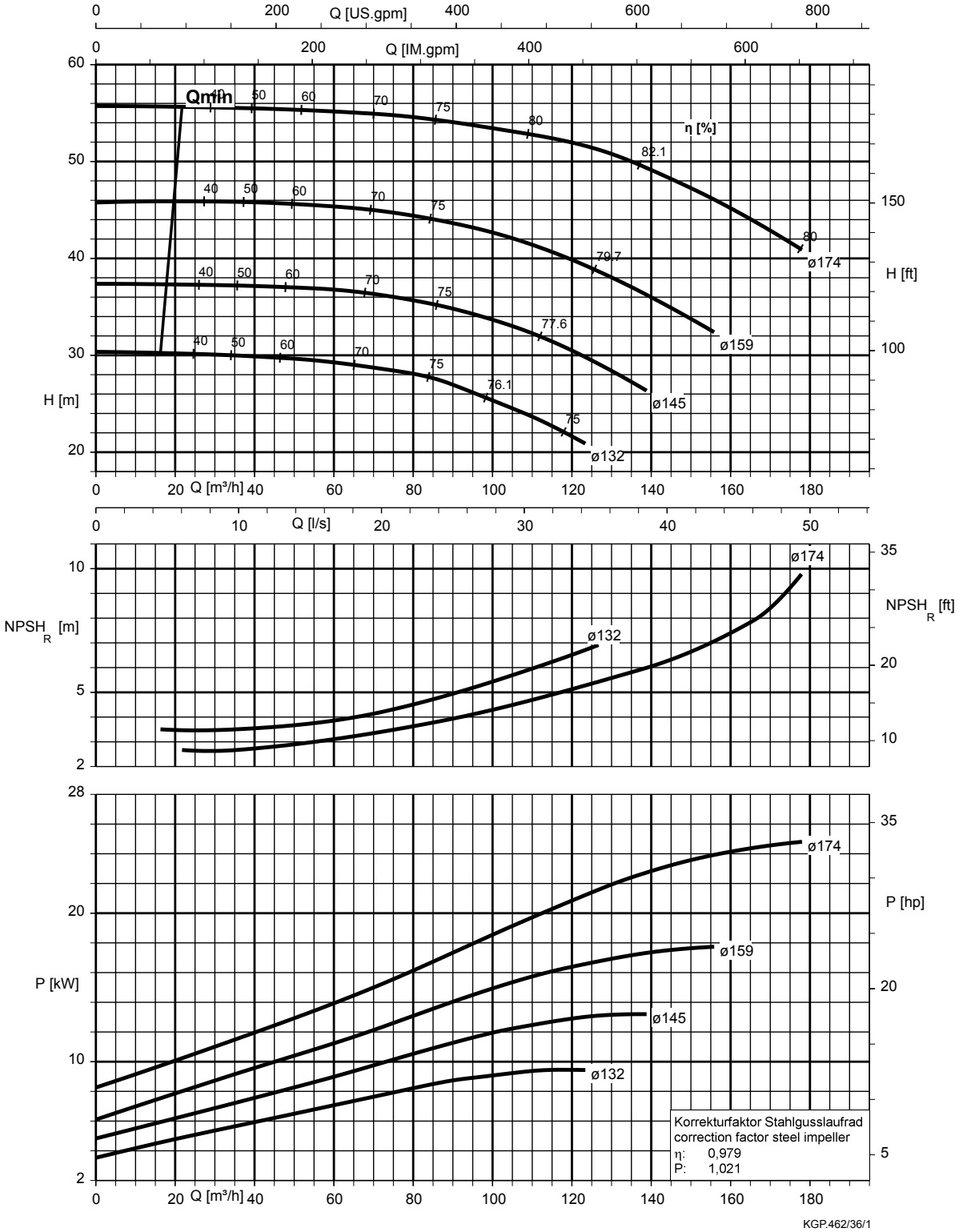
Meganorm 080-050-315, n = 3.500 rpm



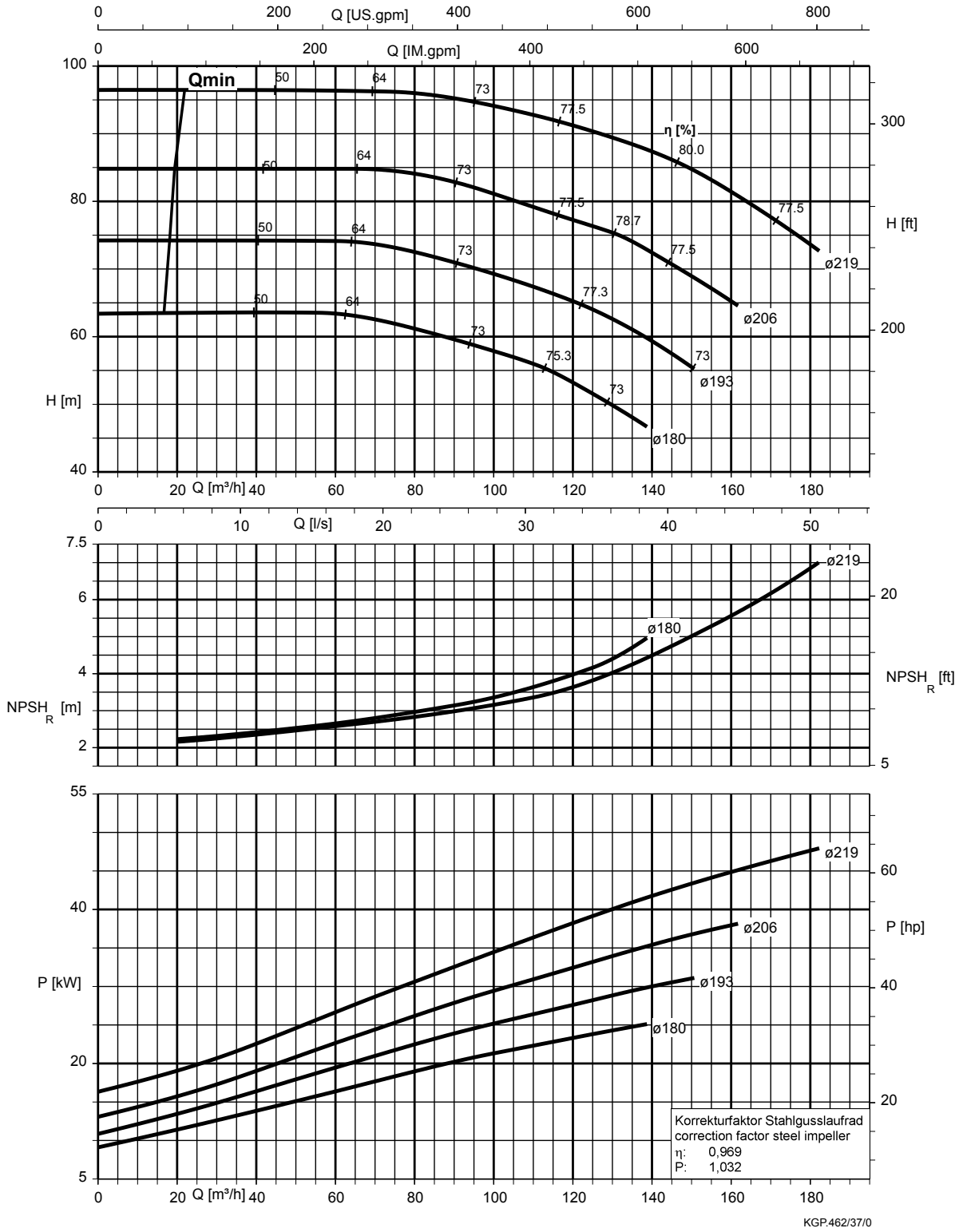
Meganorm 100-065-125, n = 3.500 rpm



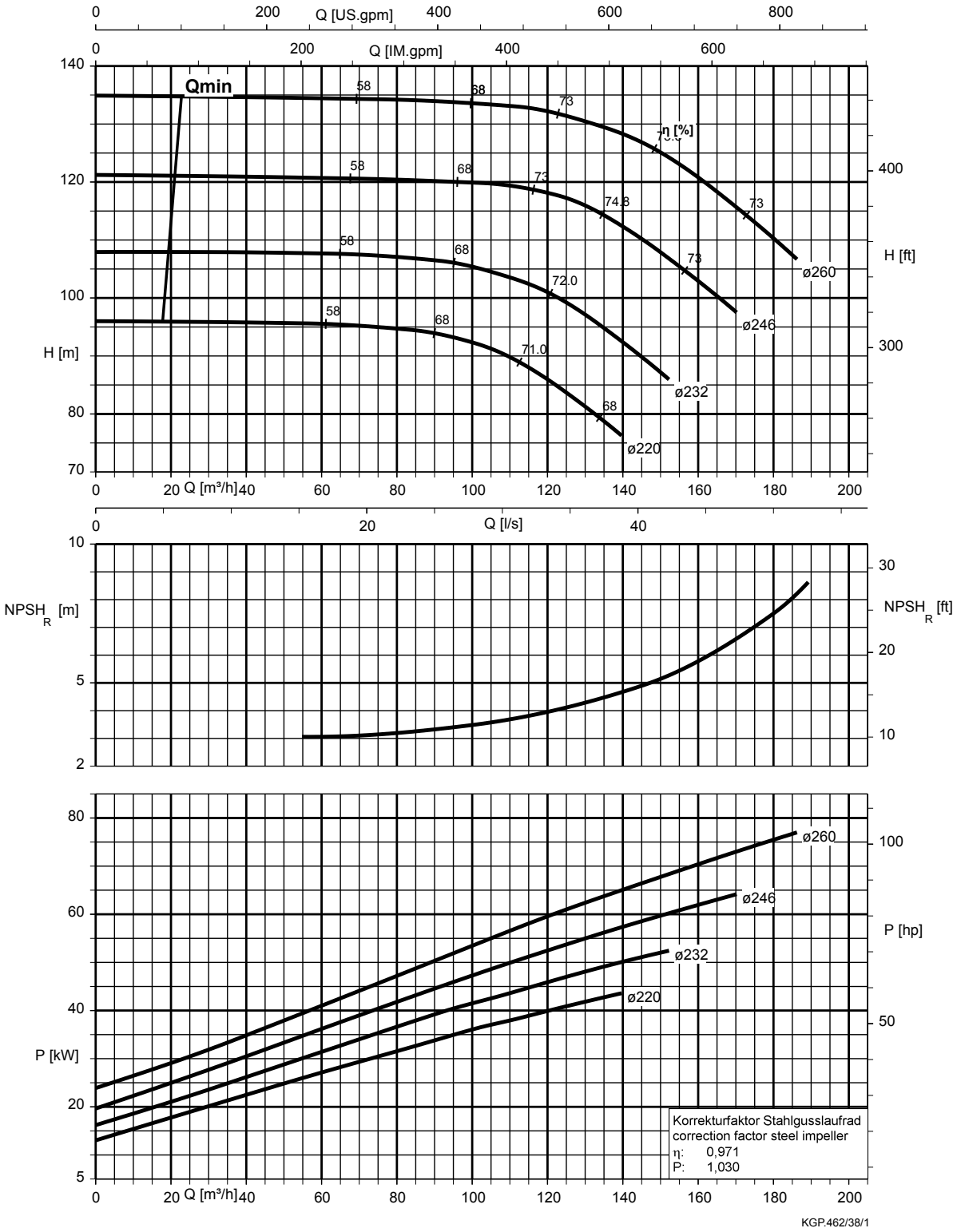
Meganorm 100-065-160, n = 3.500 rpm



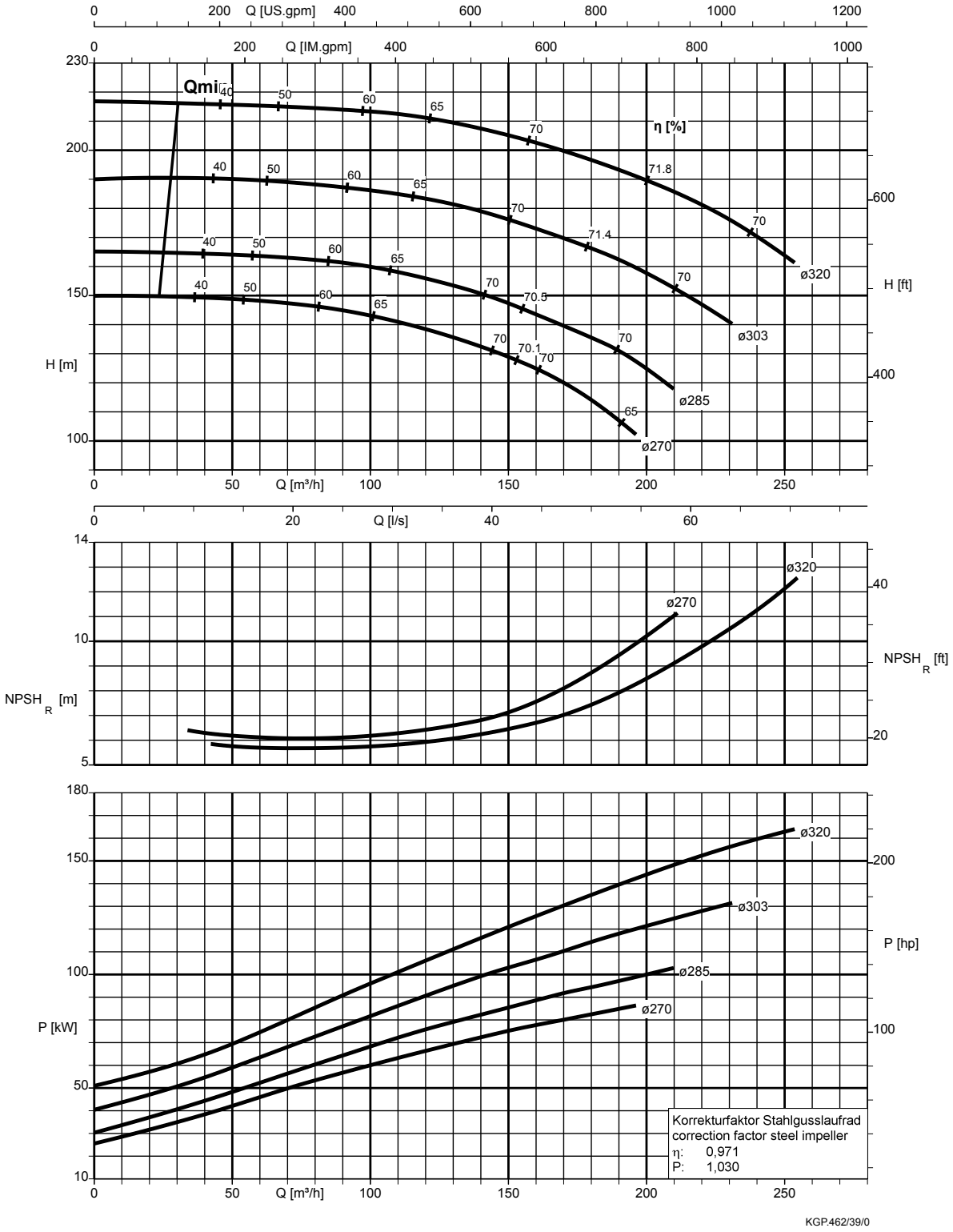
Meganorm 100-065-200, n = 3.500 rpm



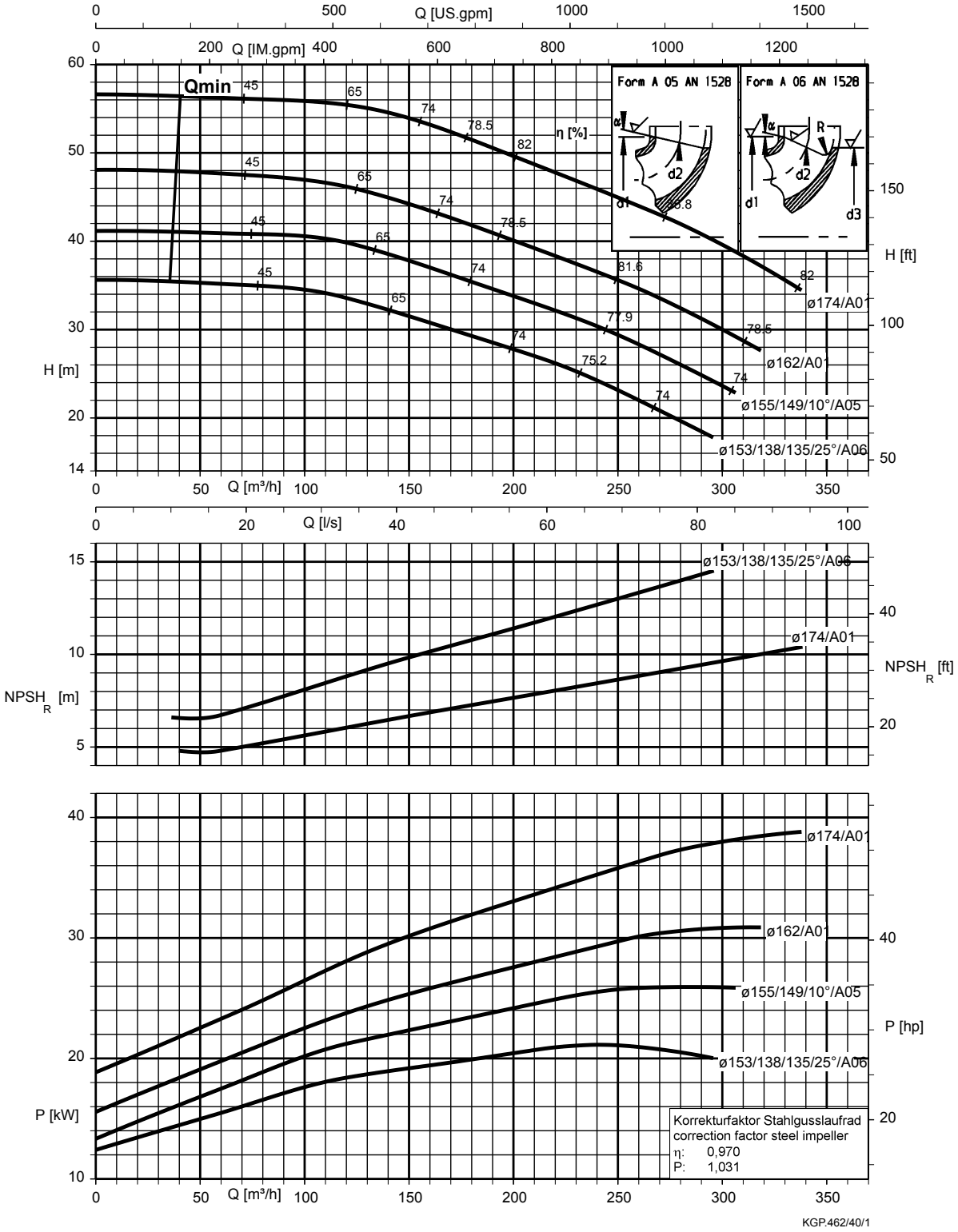
Meganorm 100-065-250, n = 3.500 rpm



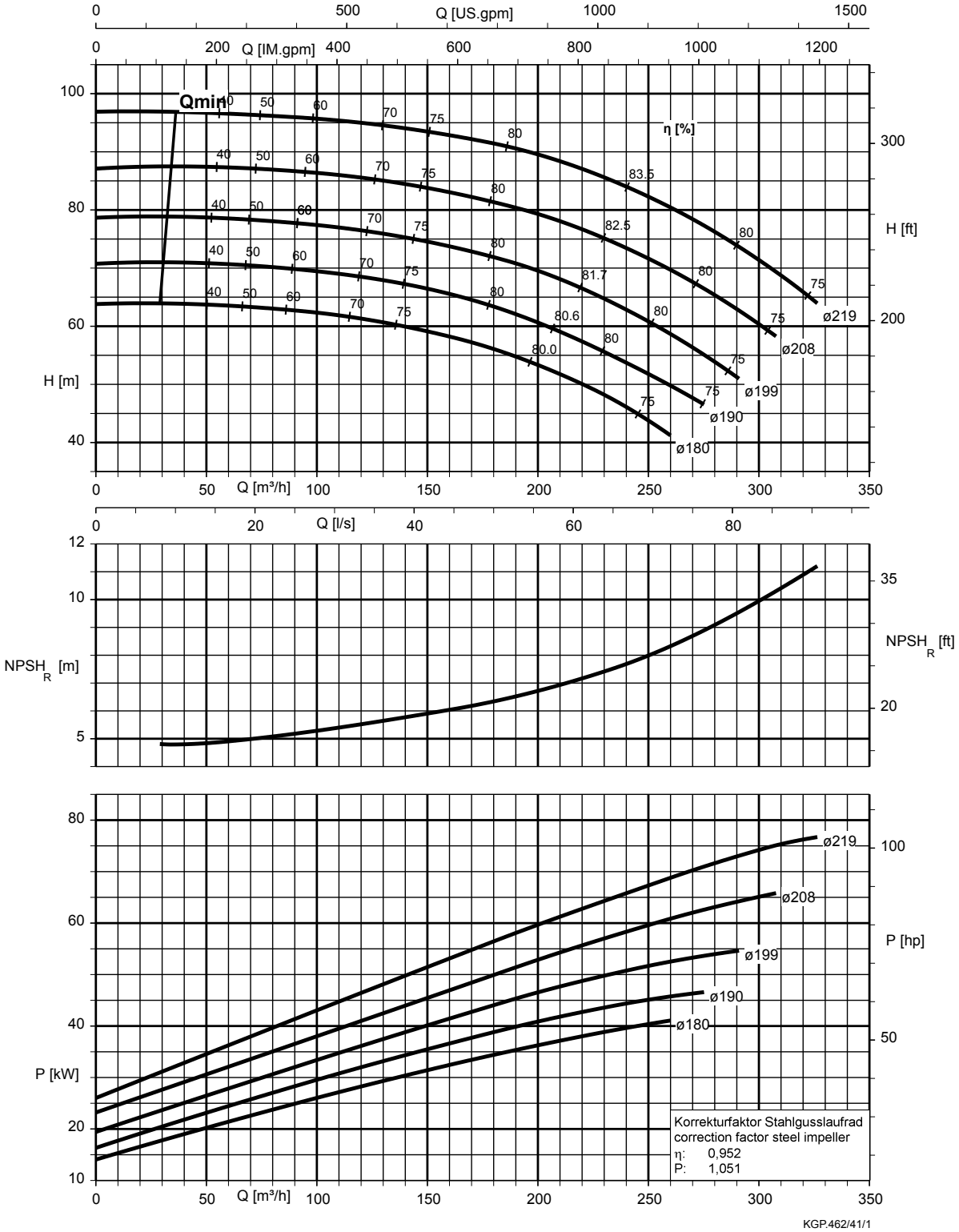
Meganorm 100-065-315, n = 3.500 rpm



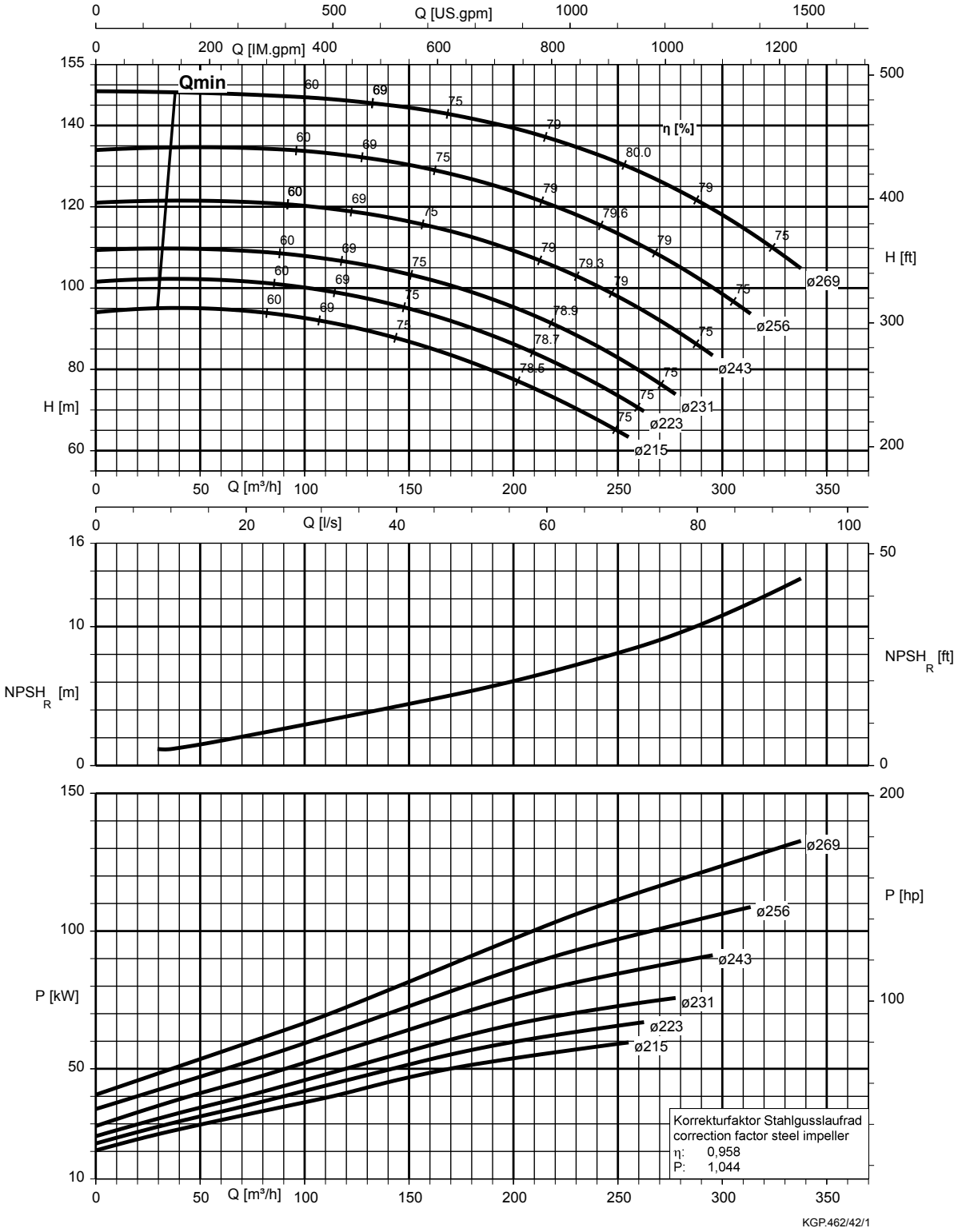
Meganorm 125-080-160, n = 3.500 rpm



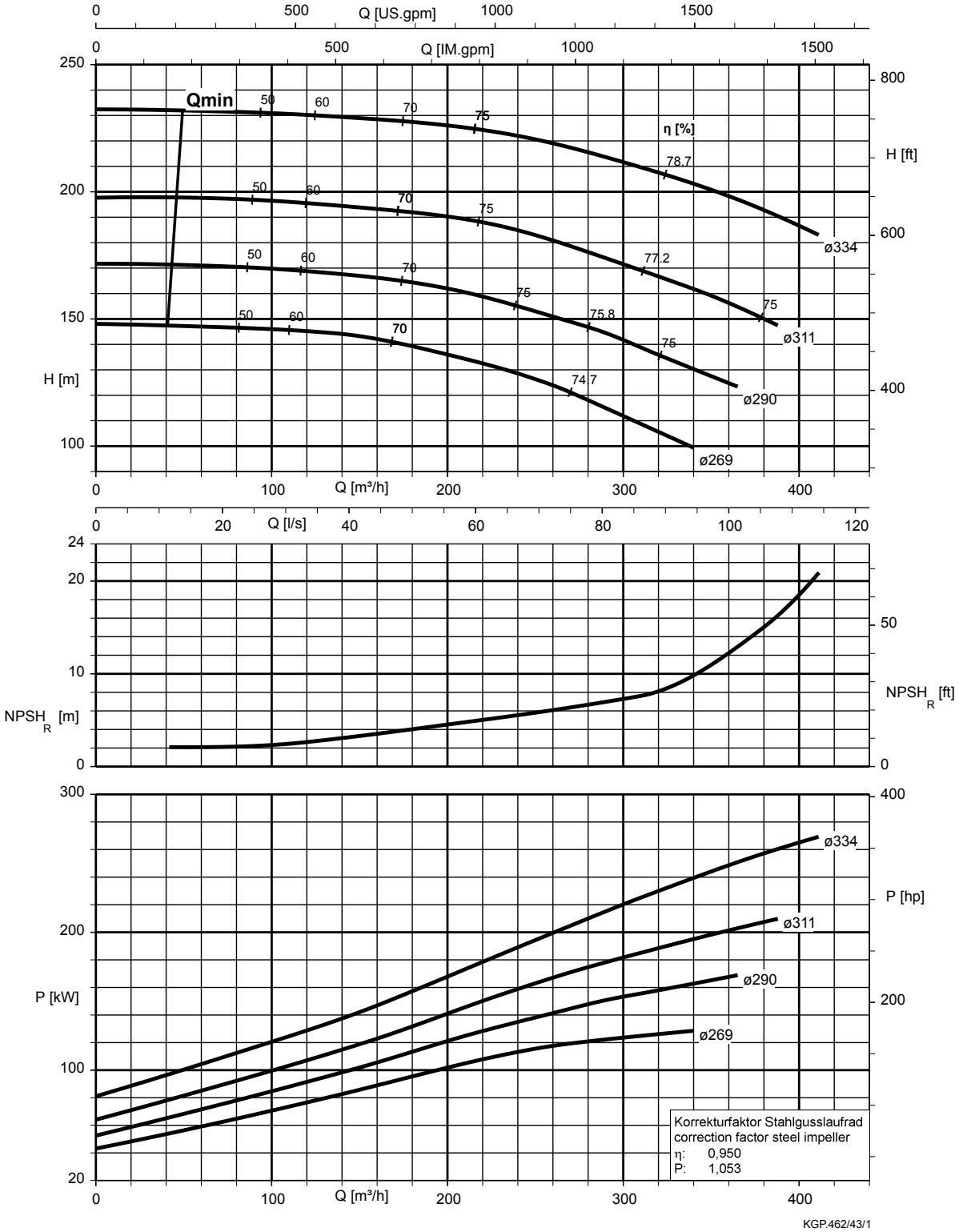
Meganorm 125-080-200, n = 3.500 rpm



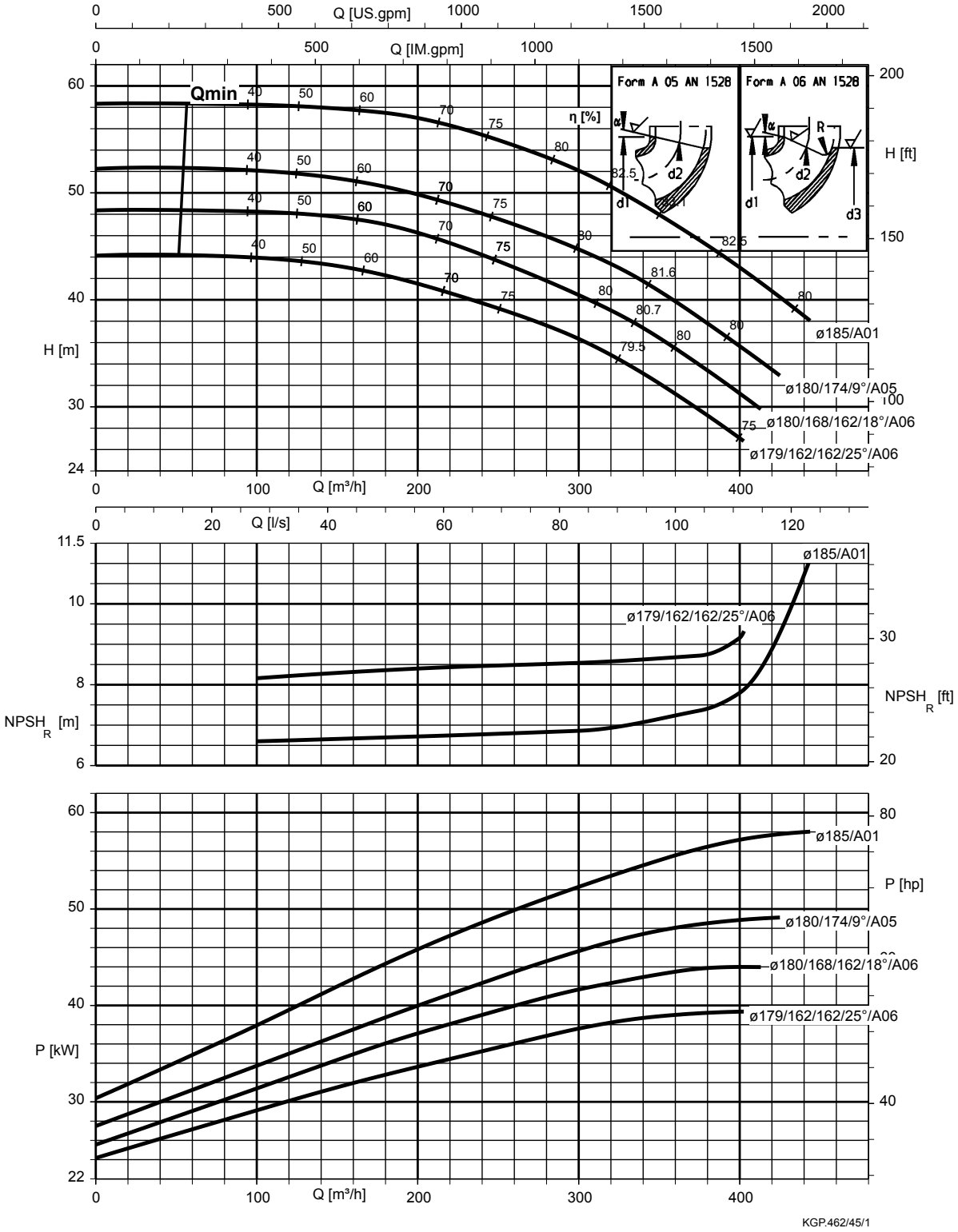
Meganorm 125-080-250, n = 3.500 rpm



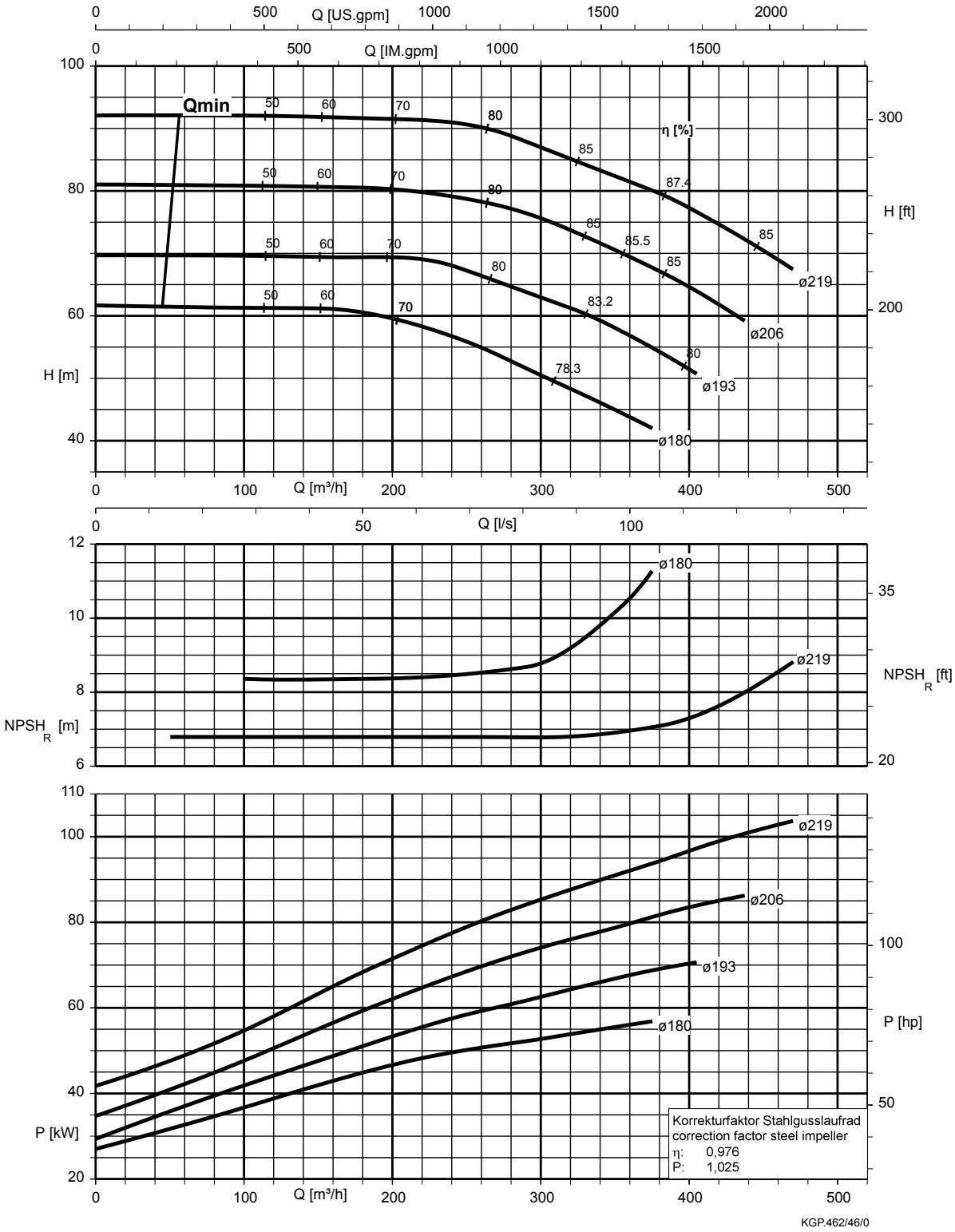
Meganorm 125-080-315, n = 3.500 rpm



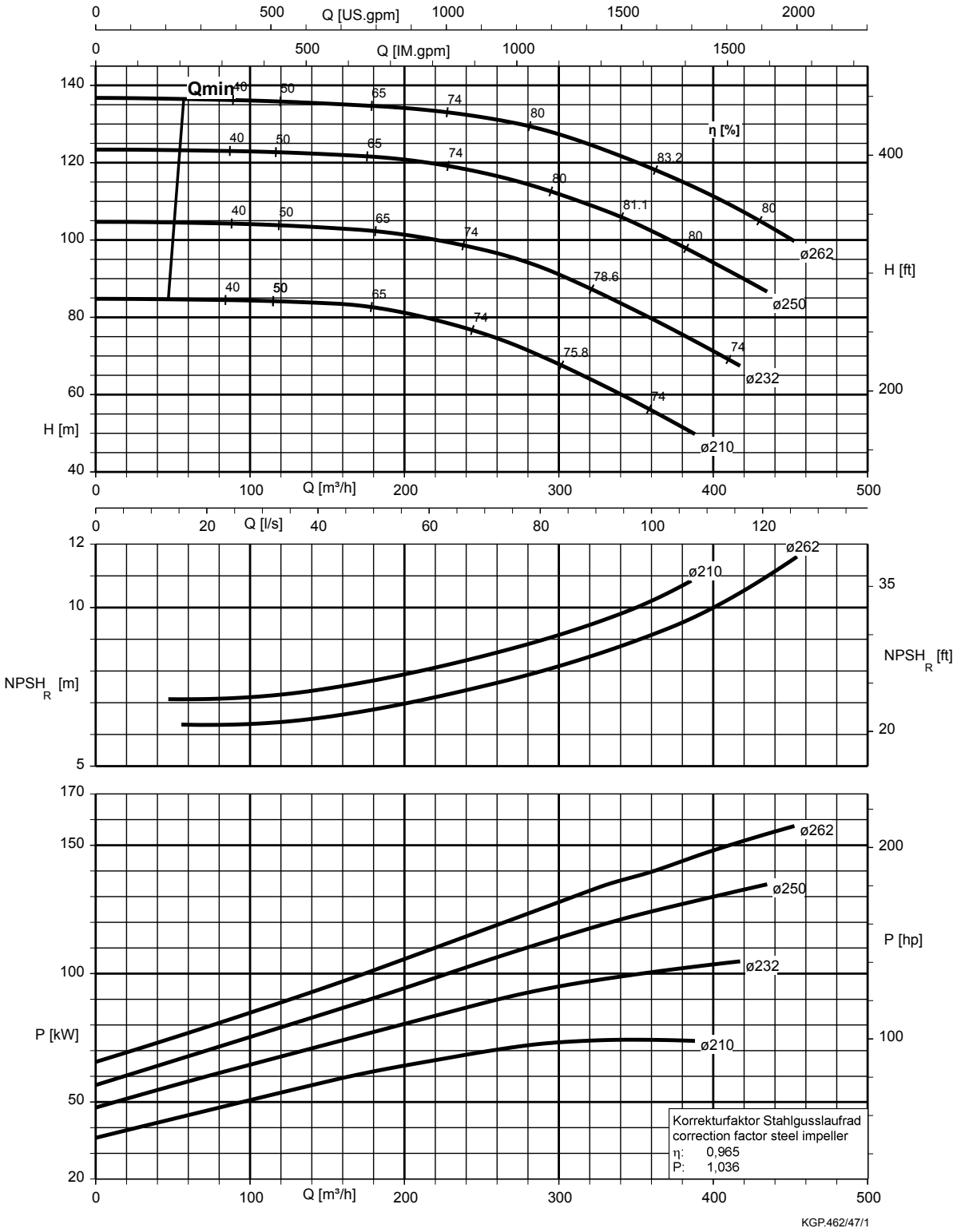
Meganorm 125-100-160, n = 3500 r.p.m.



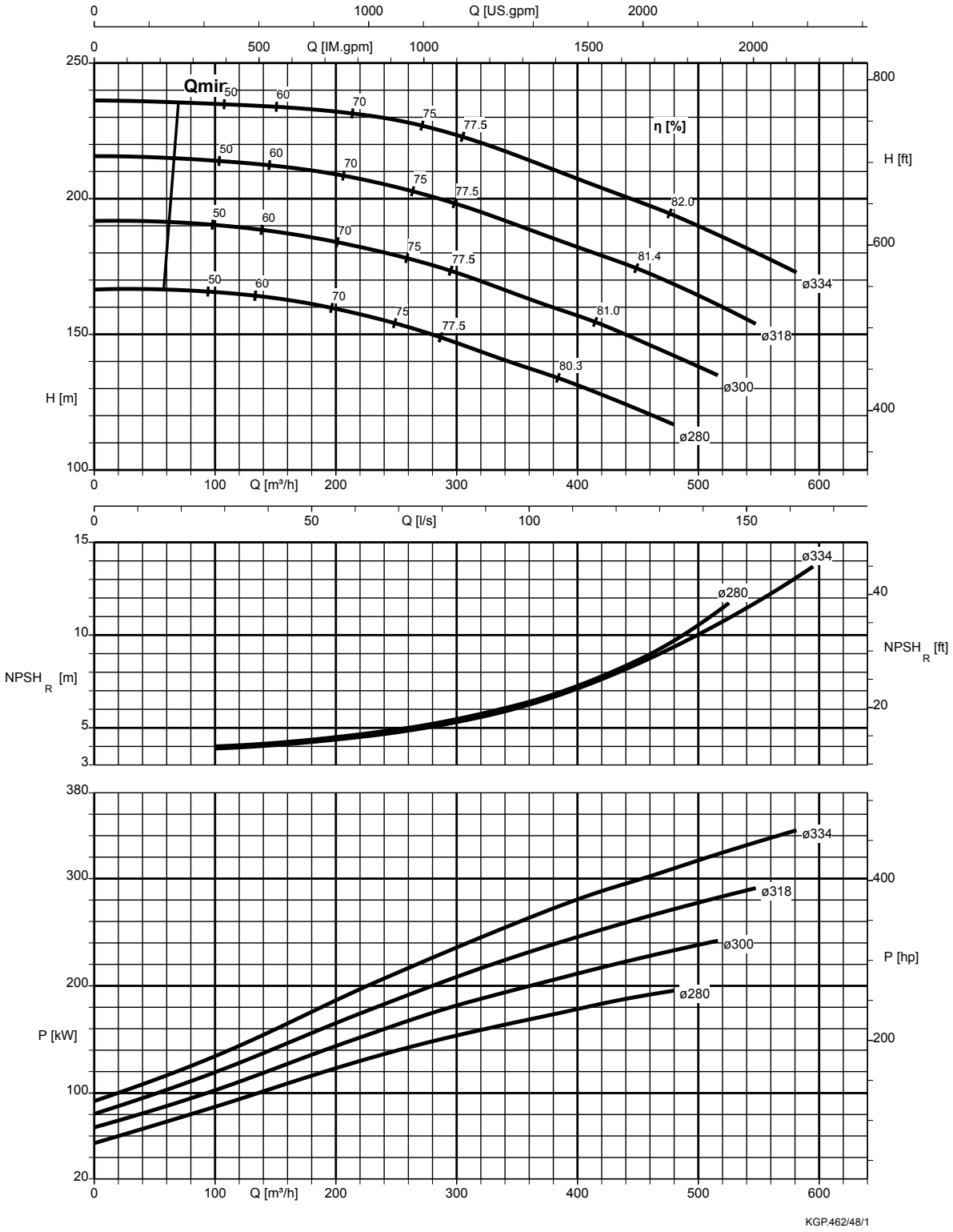
Meganorm 125-100-200, n = 3500 r.p.m.



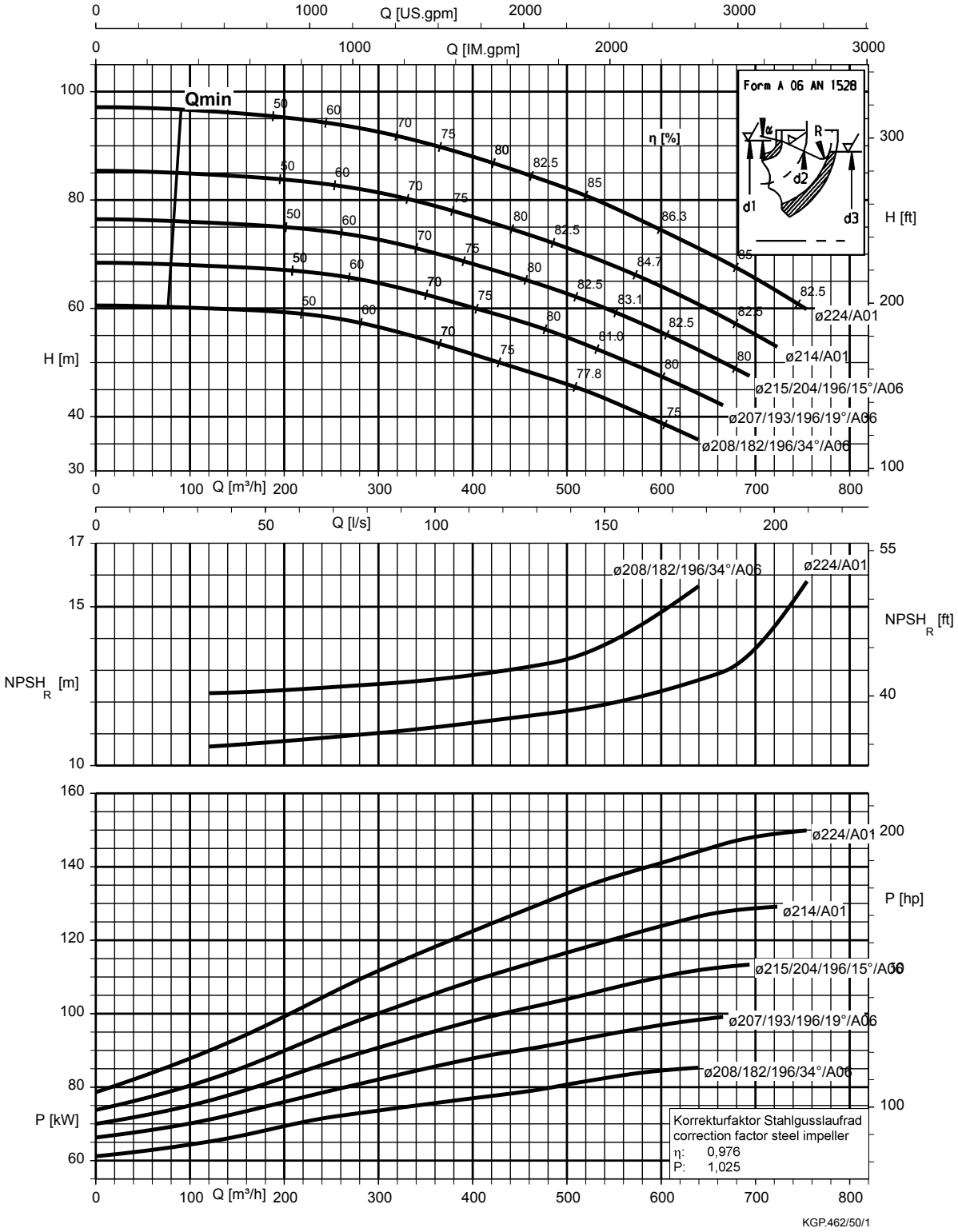
Meganorm 125-100-250, n = 3500 r.p.m.



Meganorm 125-100-315, n = 3500 r.p.m.

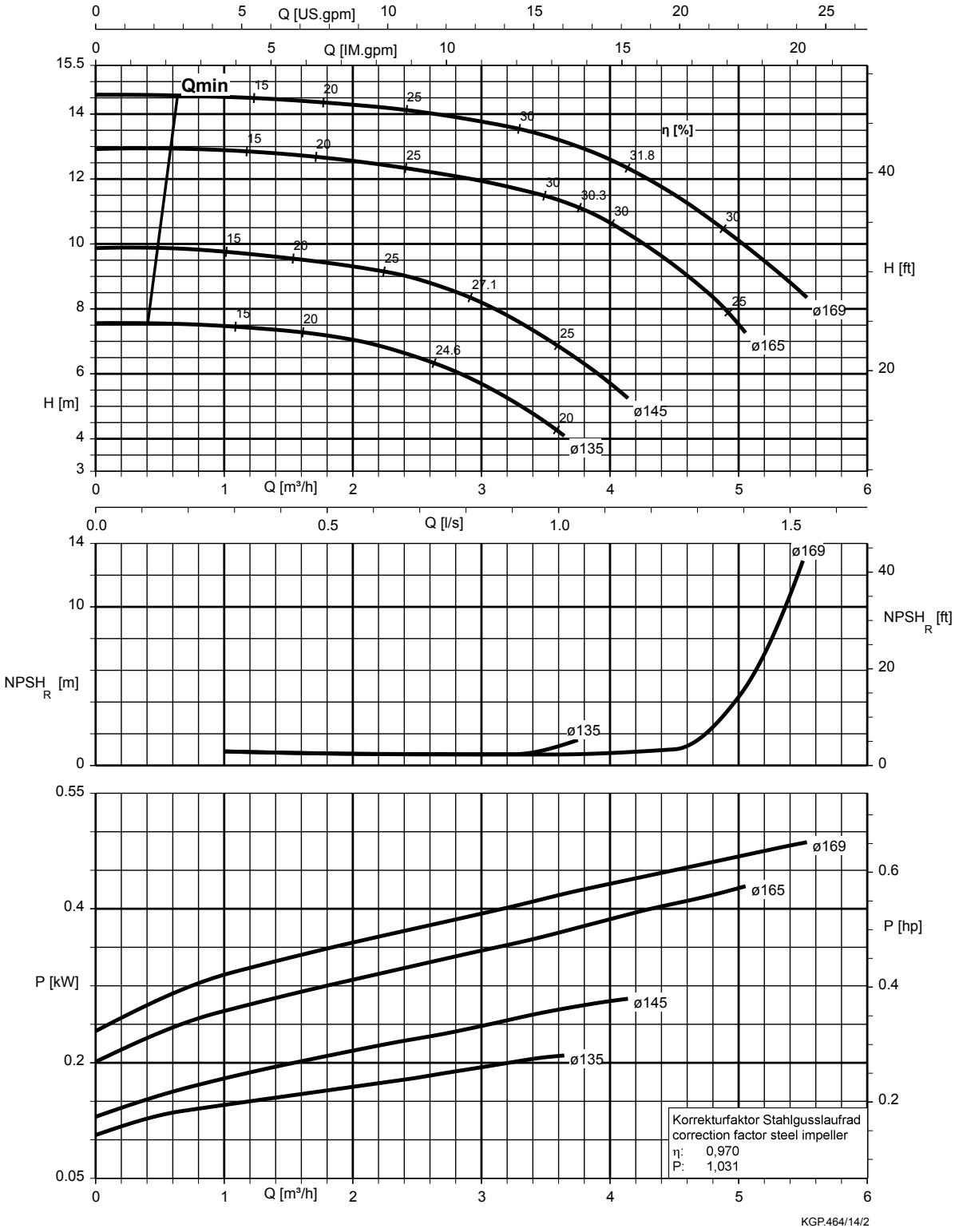


Meganorm 150-125-200, n = 3500 r.p.m.

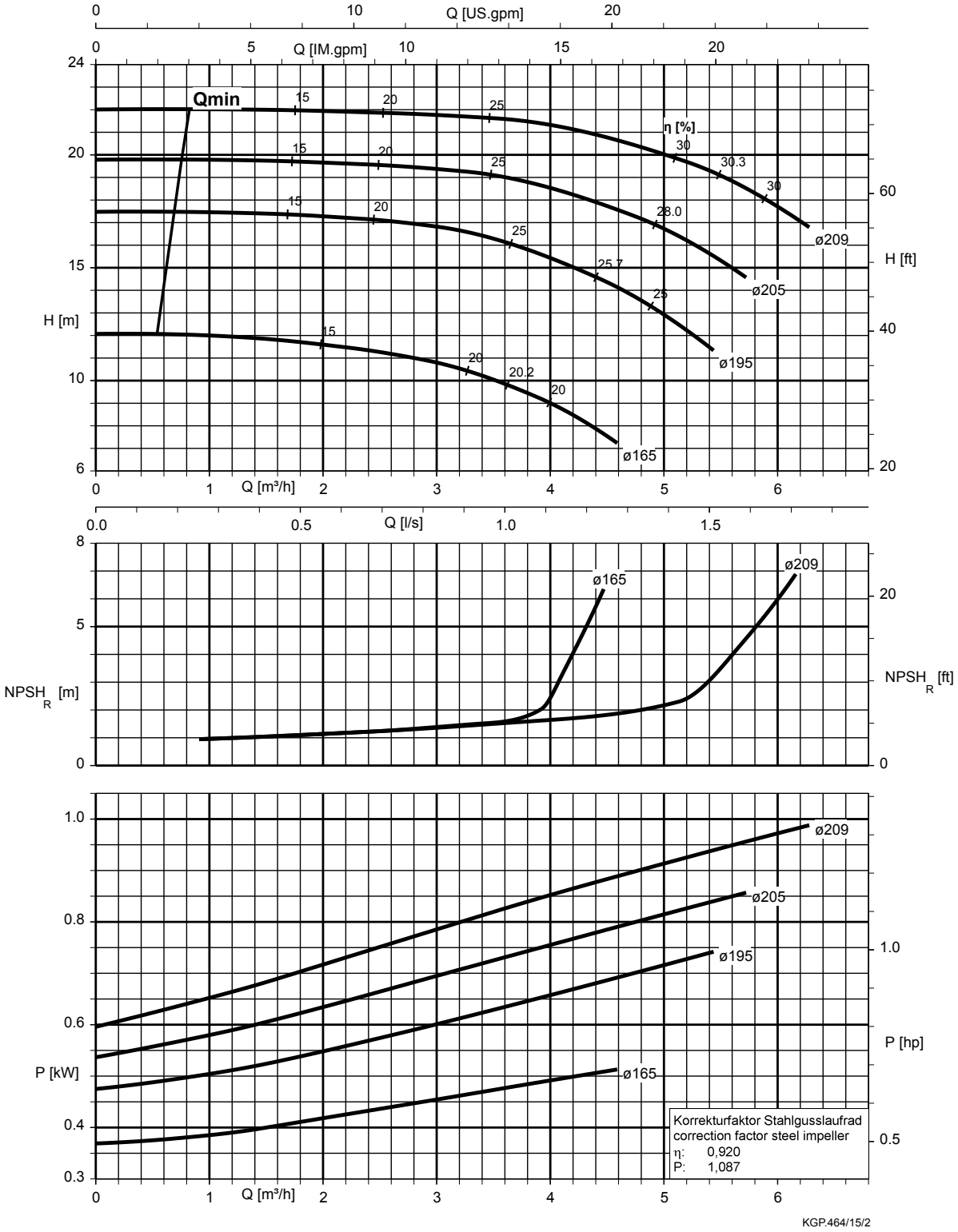


n = 1750 r.p.m.

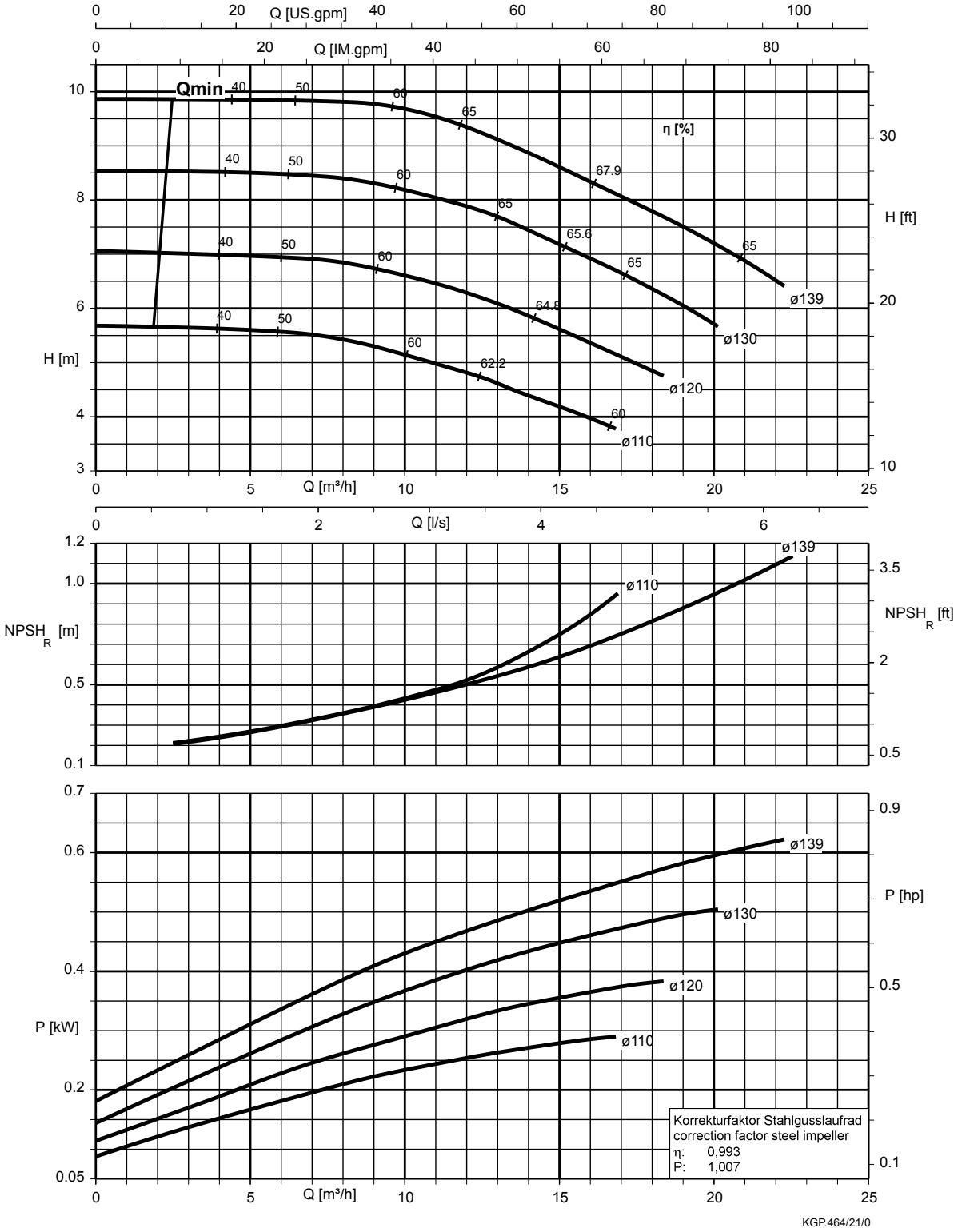
Meganorm 040-025-160, n = 1.750 rpm



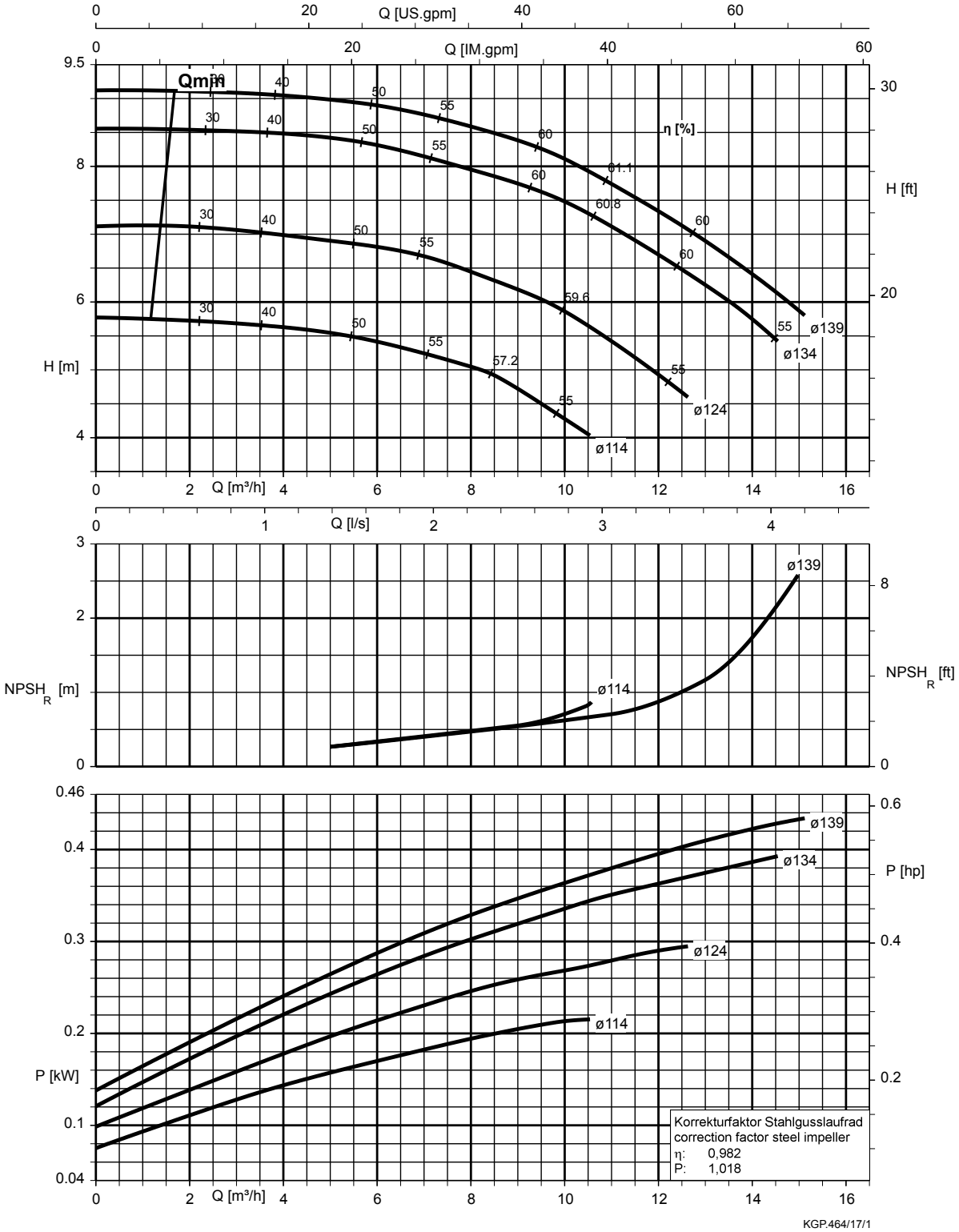
Meganorm 040-025-200, n = 1.750 rpm



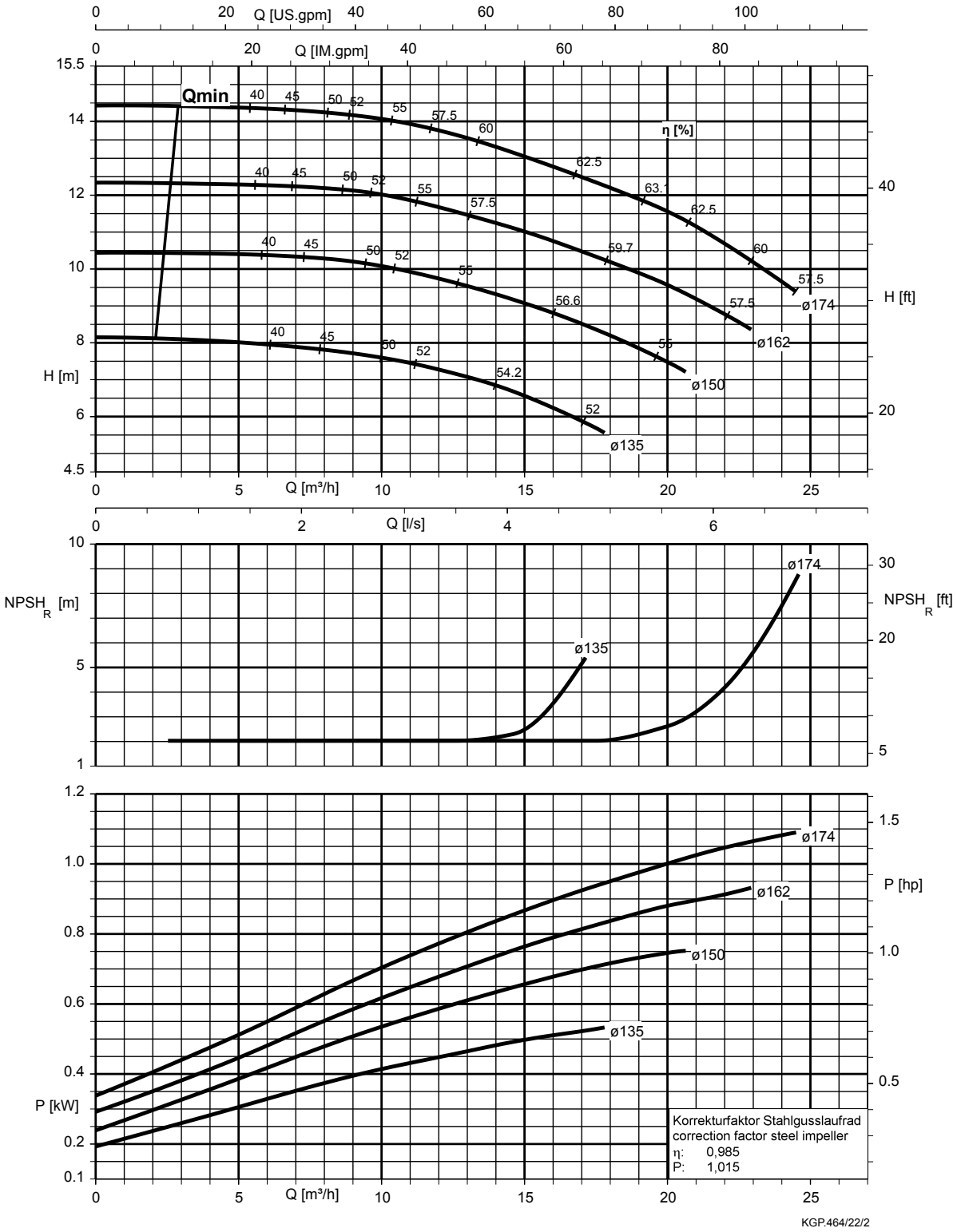
Meganorm 050-032-125, n = 1.750 rpm



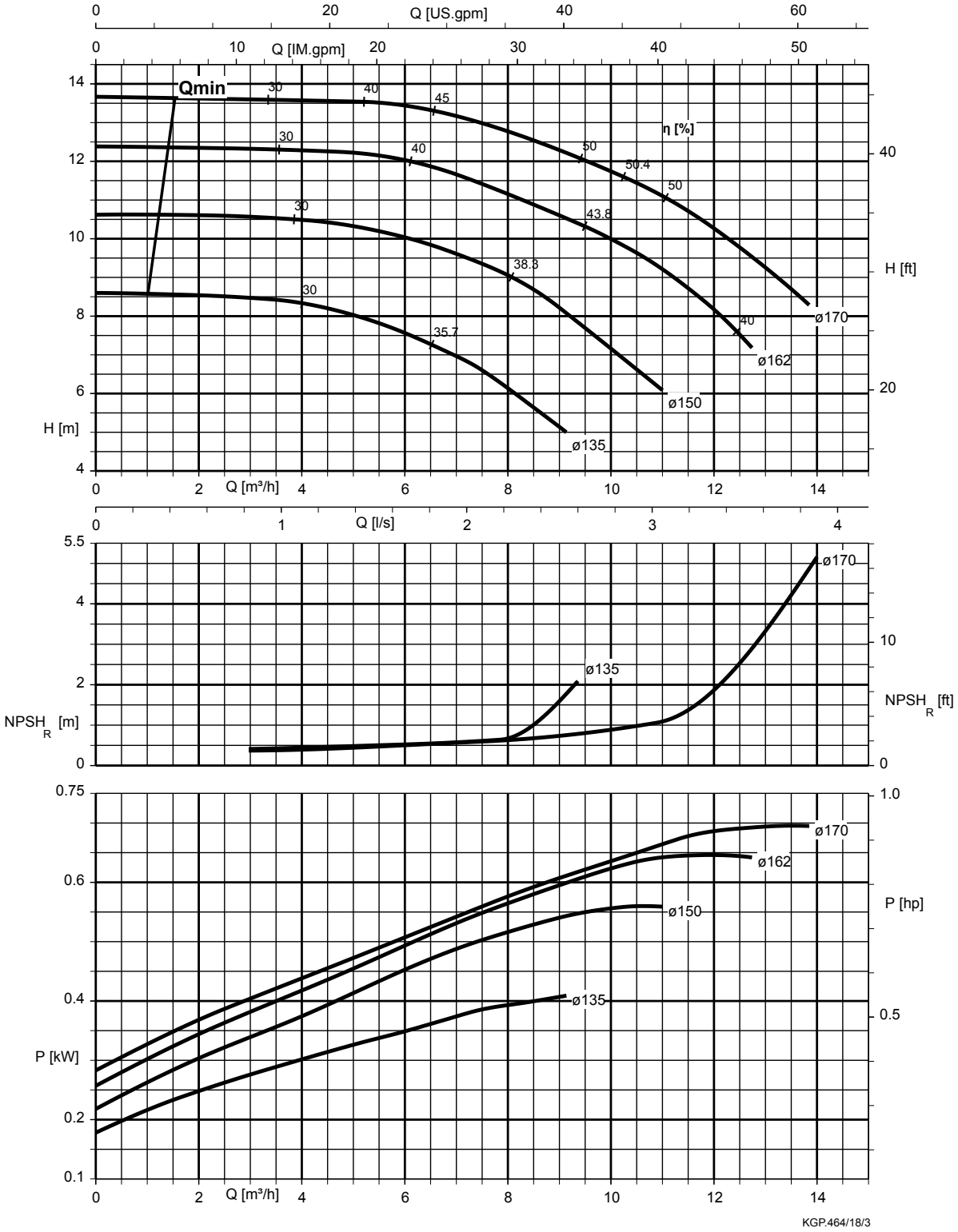
Meganorm 050-032-125.1, n = 1.750 rpm



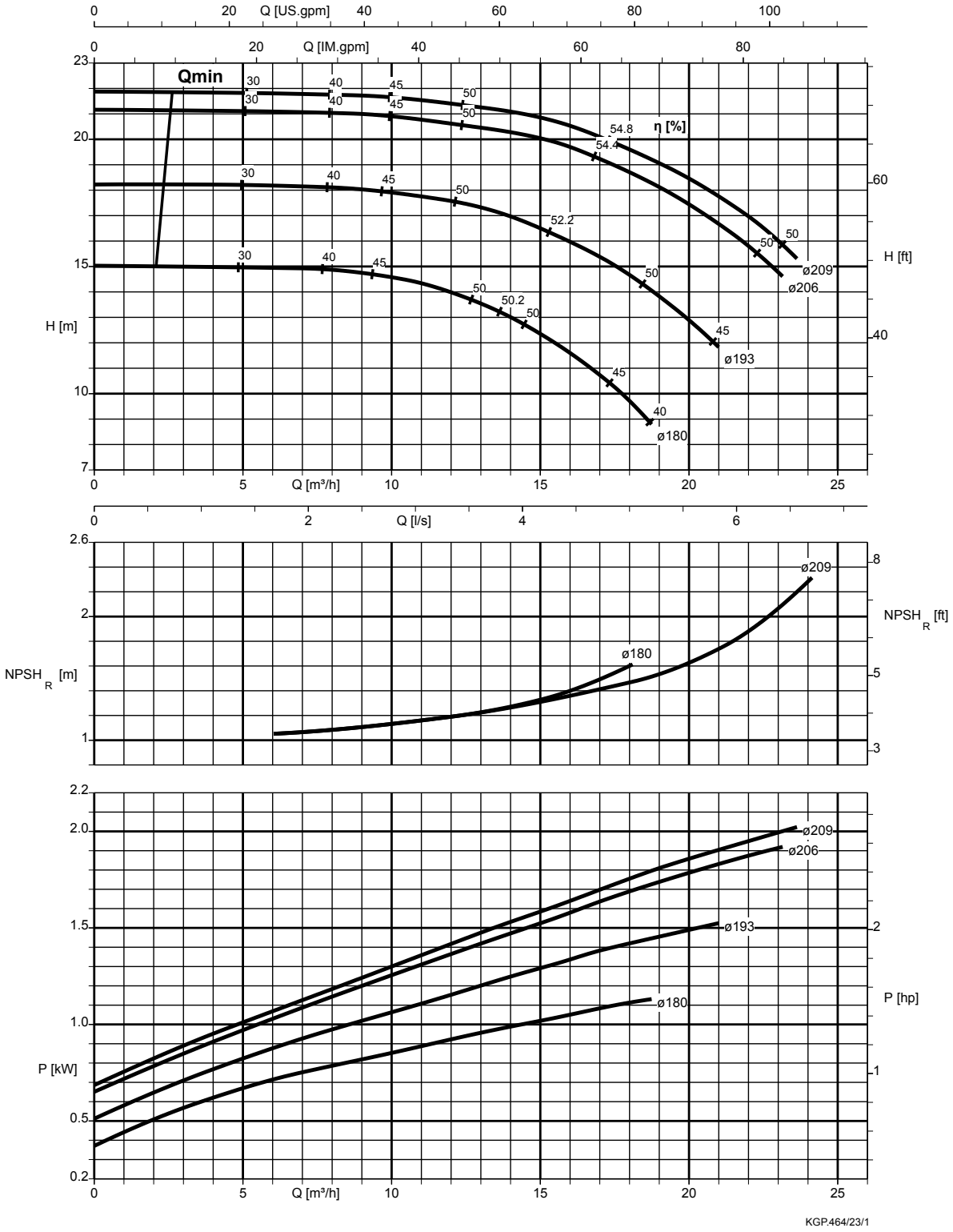
Meganorm 050-032-160, n = 1.750 rpm



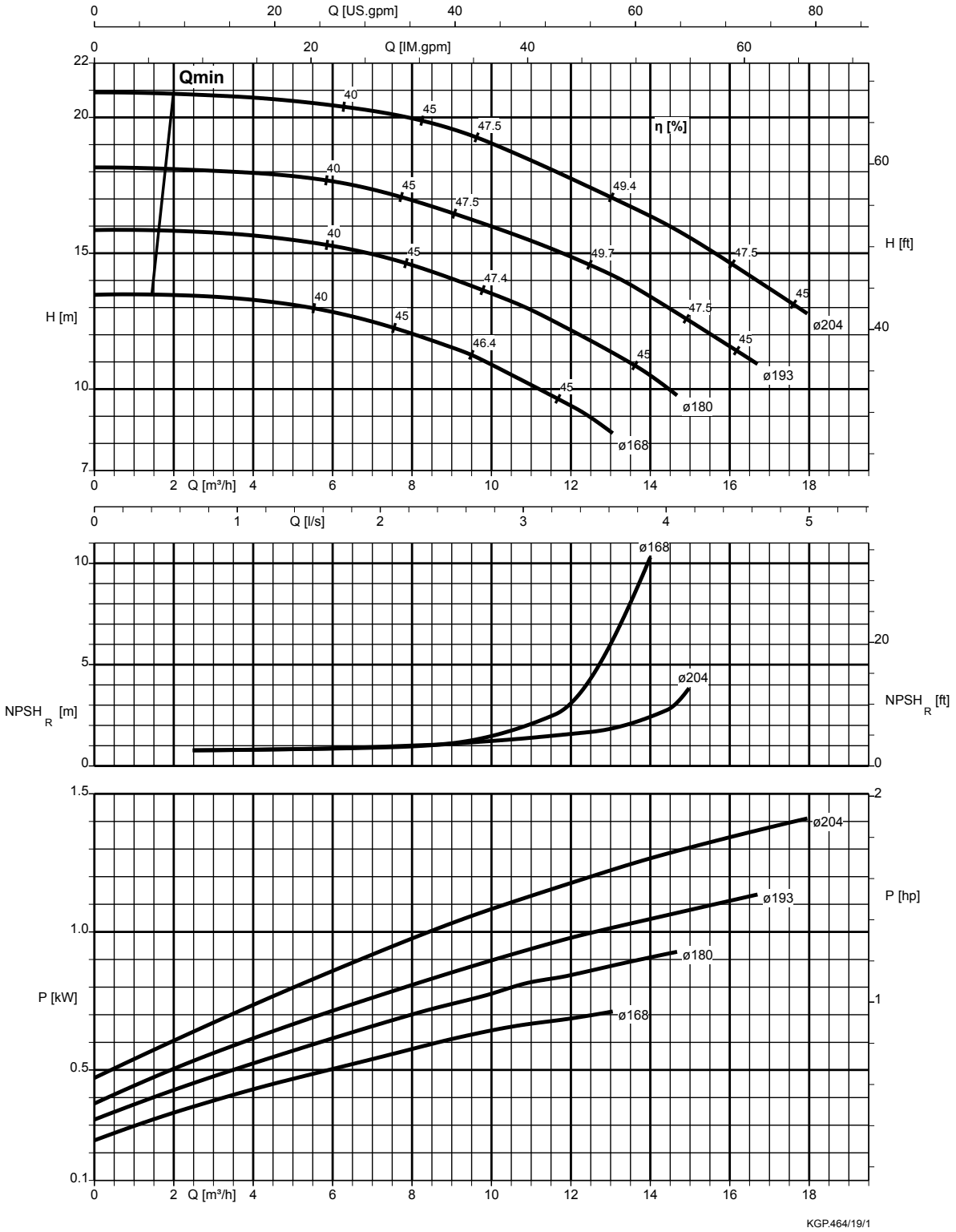
Meganorm 050-032-160.1, n = 1.750 rpm



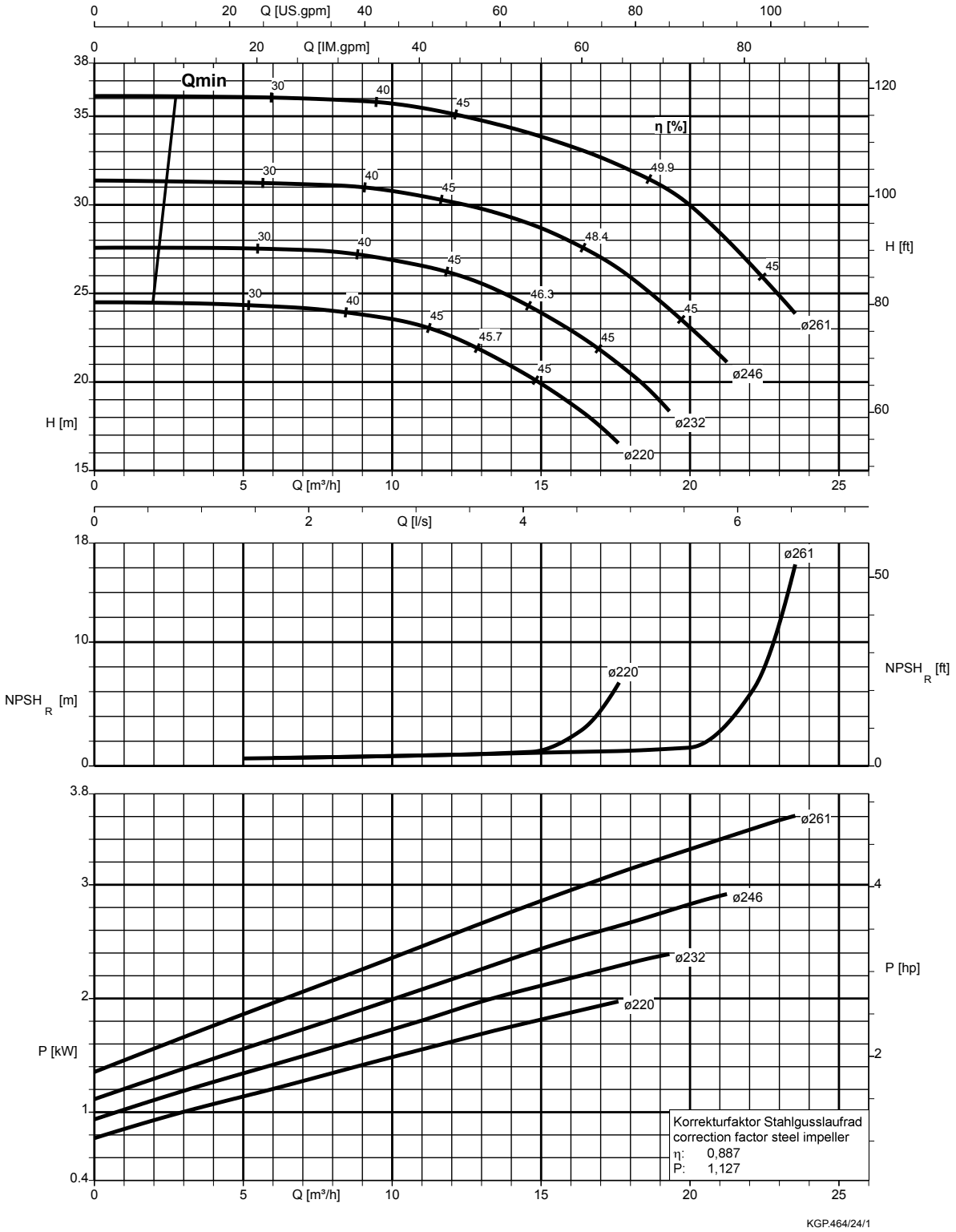
Meganorm 050-032-200, n = 1.750 rpm



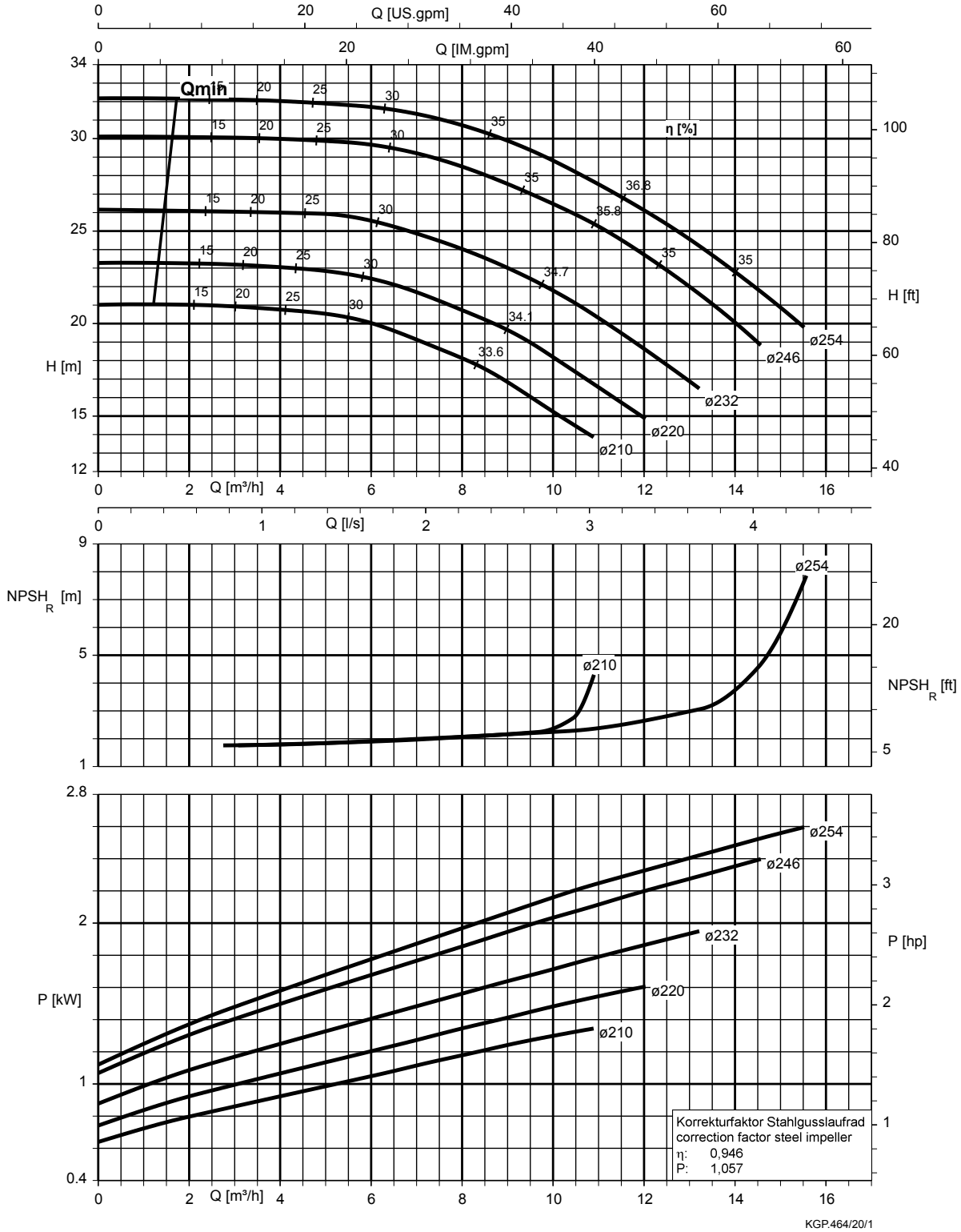
Meganorm 050-032-200.1, n = 1.750 rpm



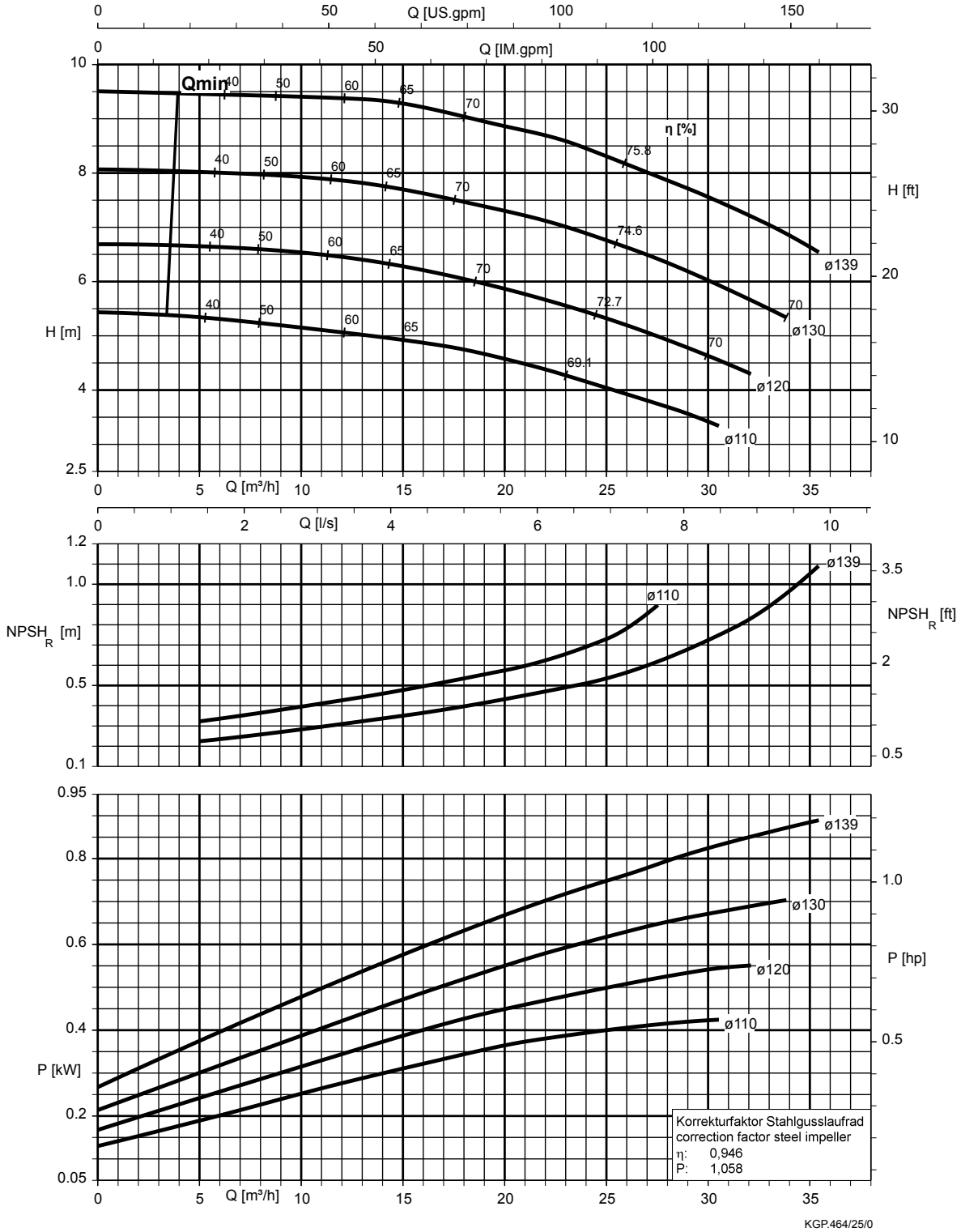
Meganorm 050-032-250, n = 1.750 rpm



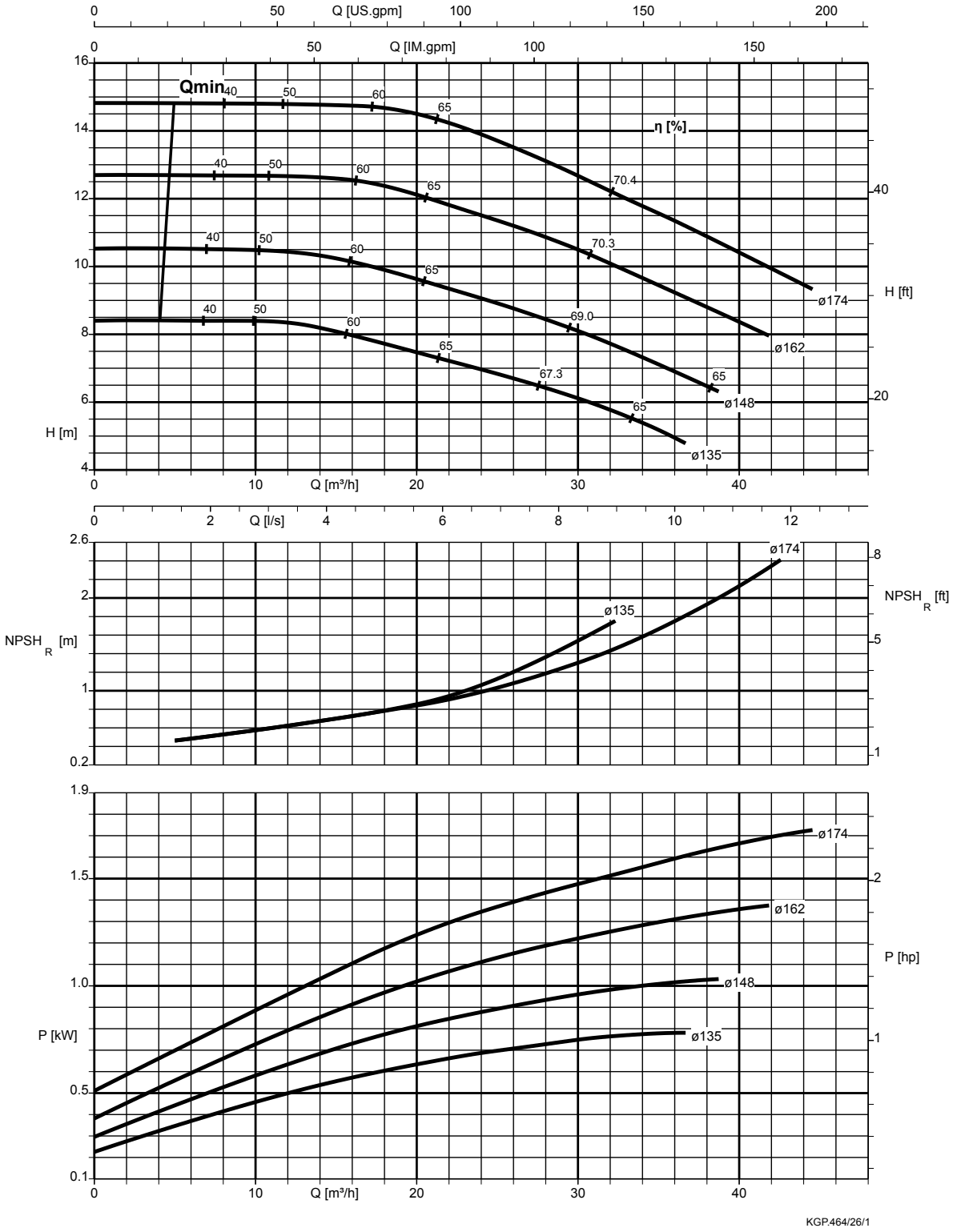
Meganorm 050-032-250.1, n = 1.750 rpm



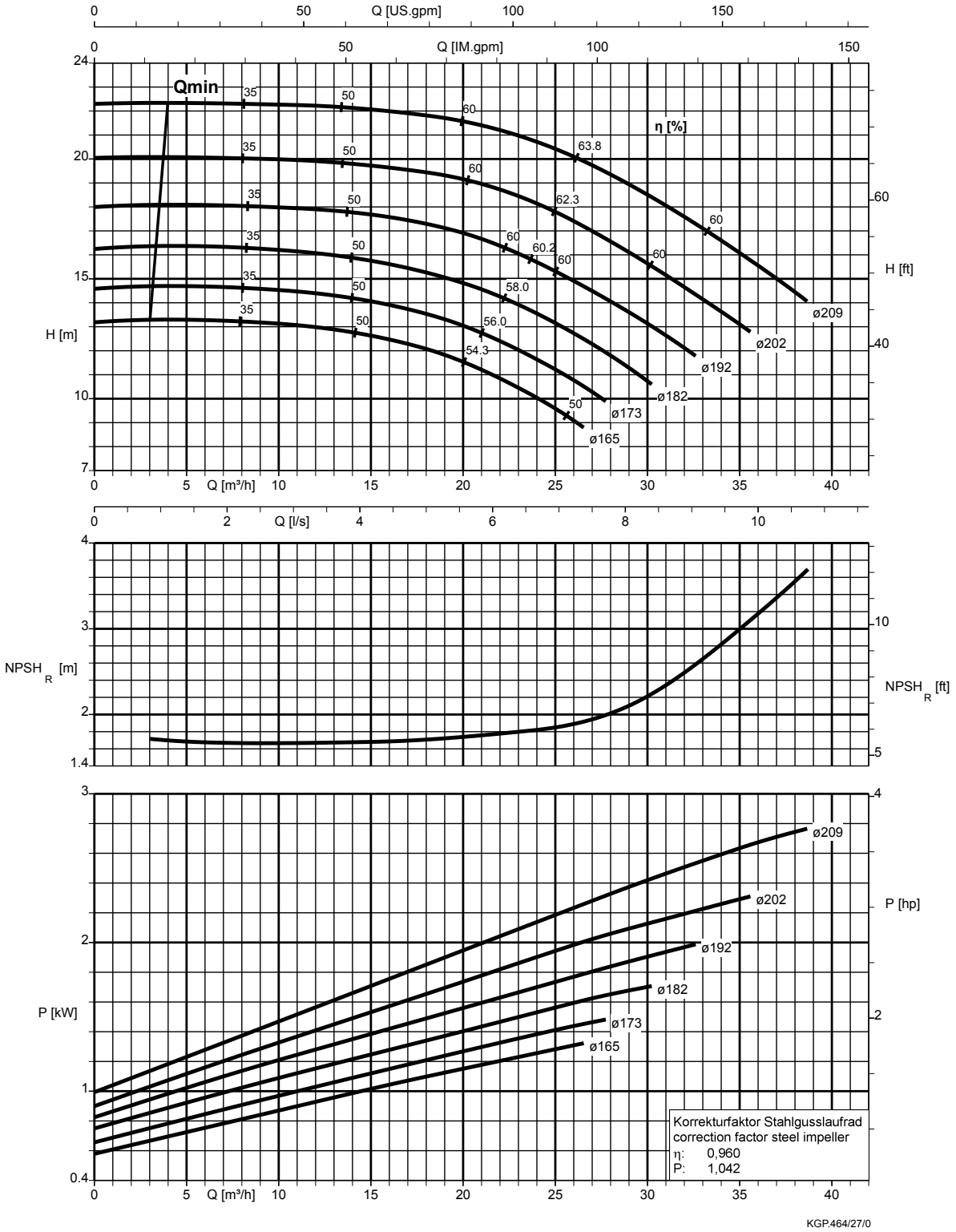
Meganorm 065-040-125, n = 1.750 rpm



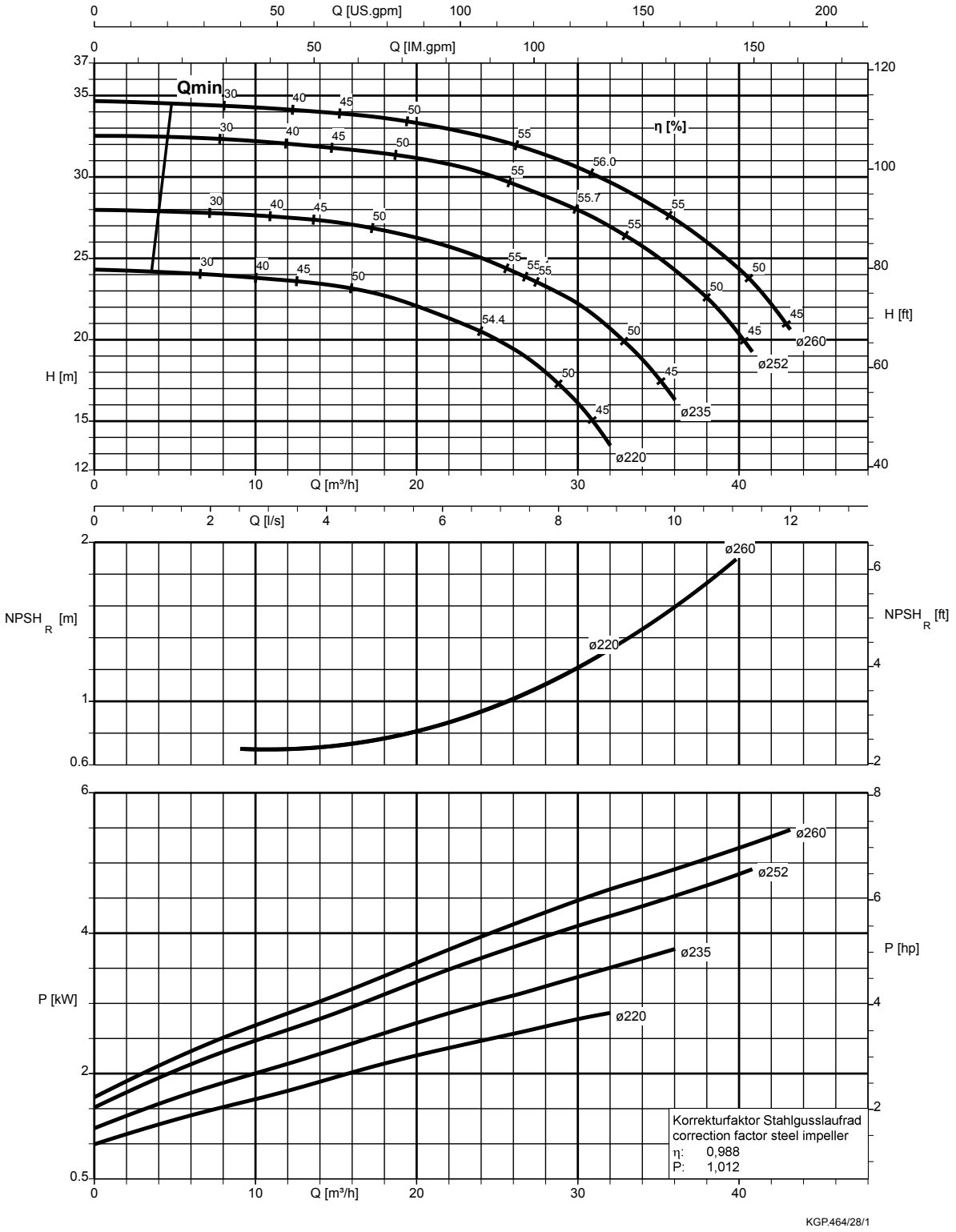
Meganorm 065-040-160, n = 1.750 rpm



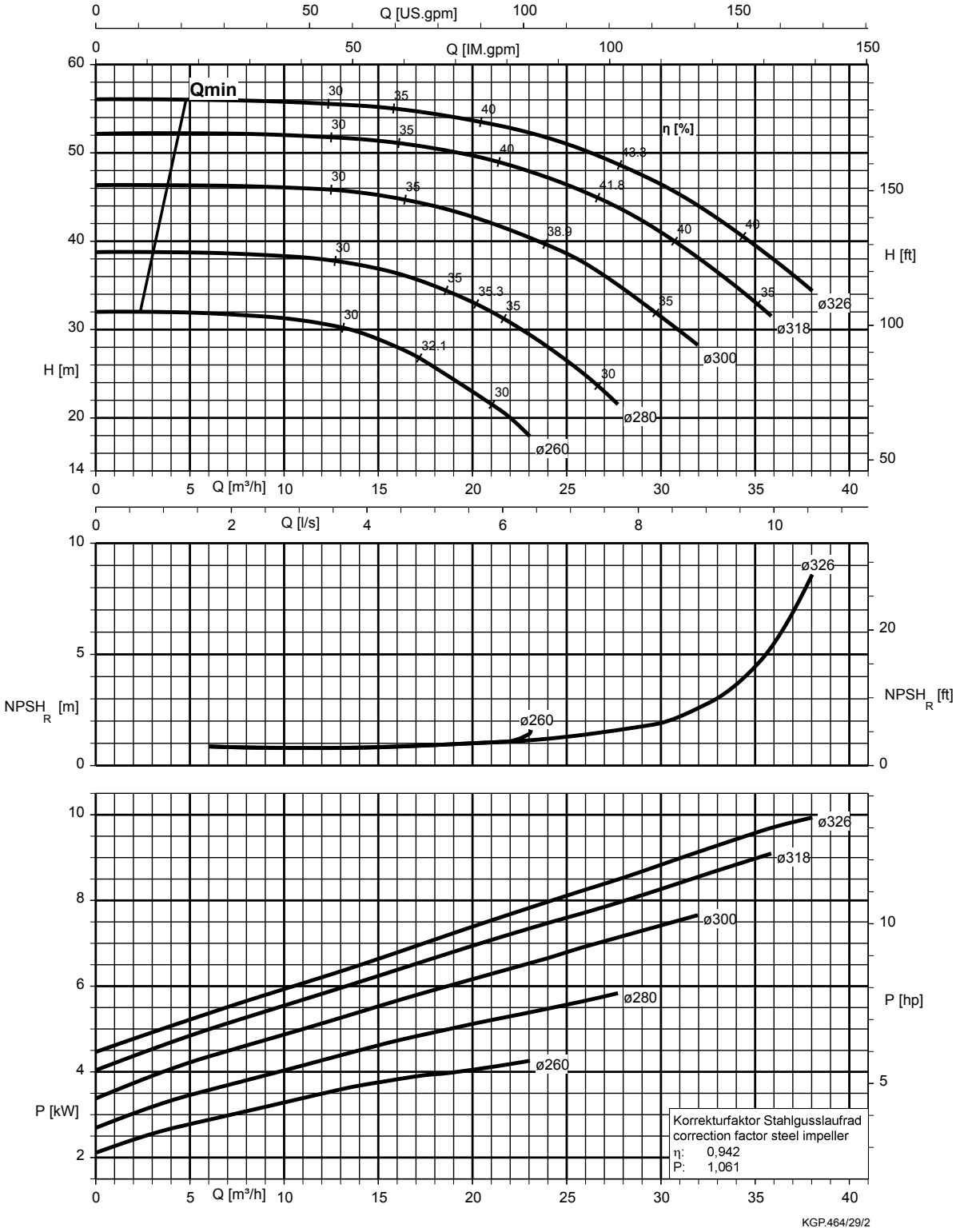
Meganorm 065-040-200, n = 1.750 rpm



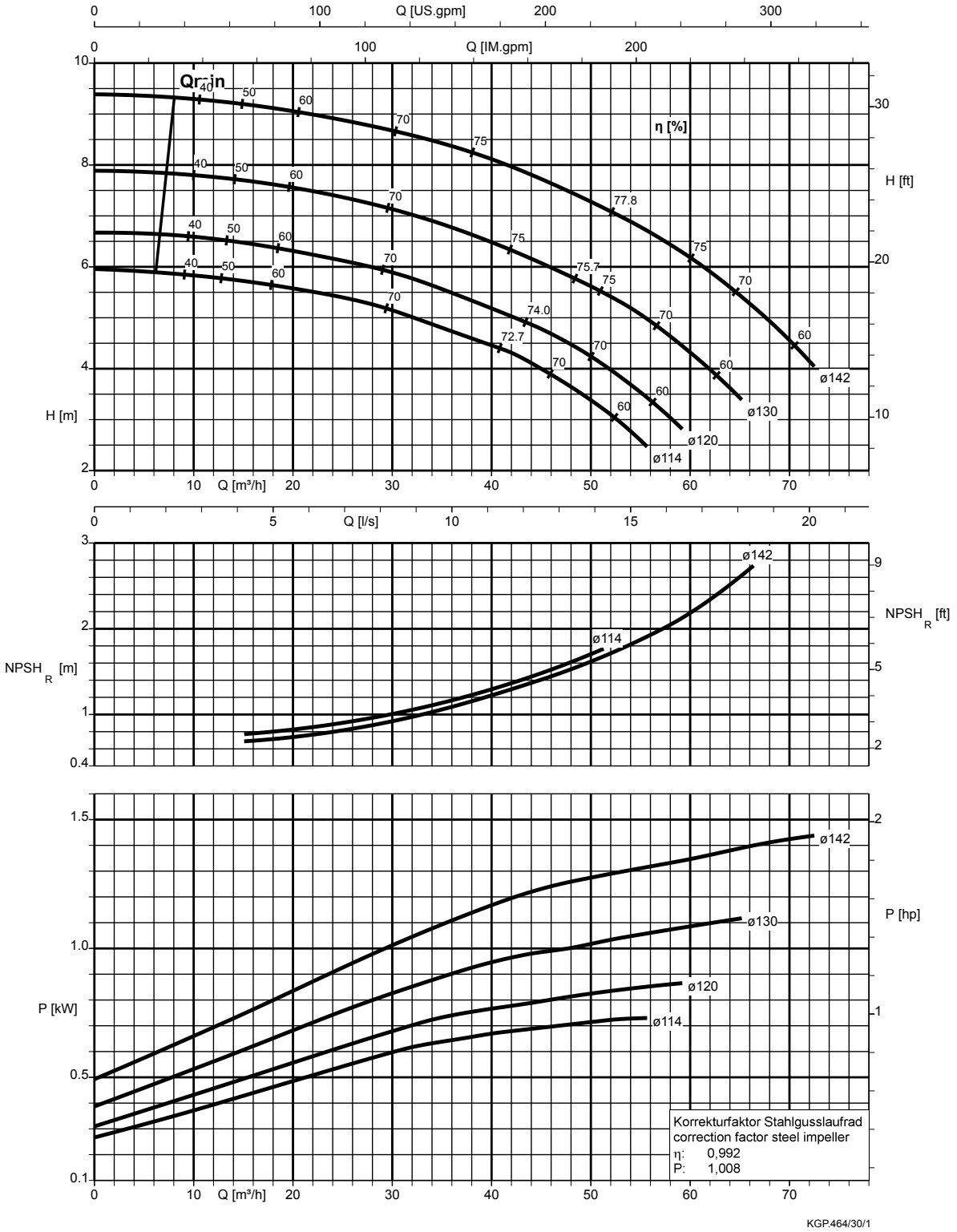
Meganorm 065-040-250, n = 1.750 rpm



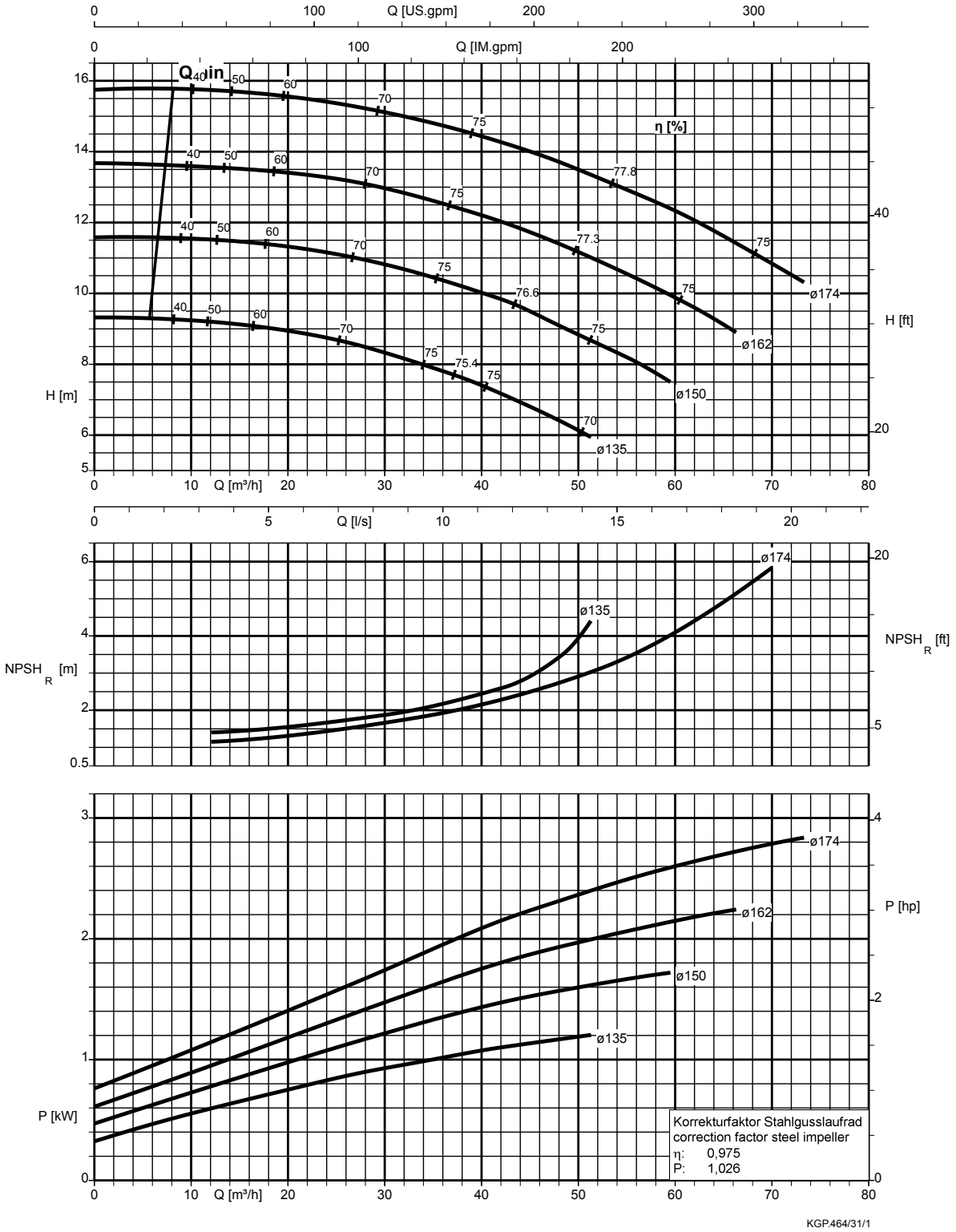
Meganorm 065-040-315, n = 1.750 rpm



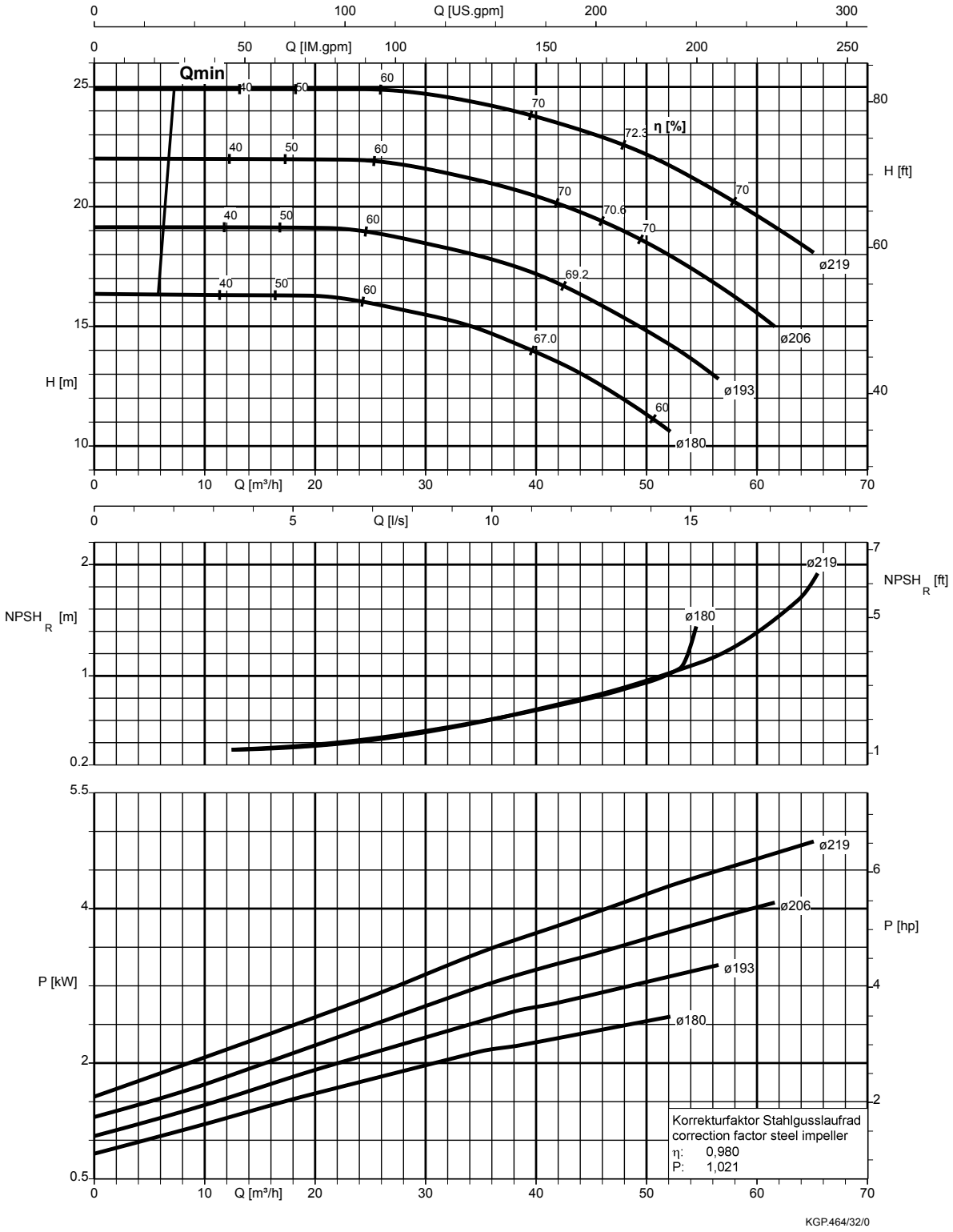
Meganorm 080-050-125, n = 1.750 rpm



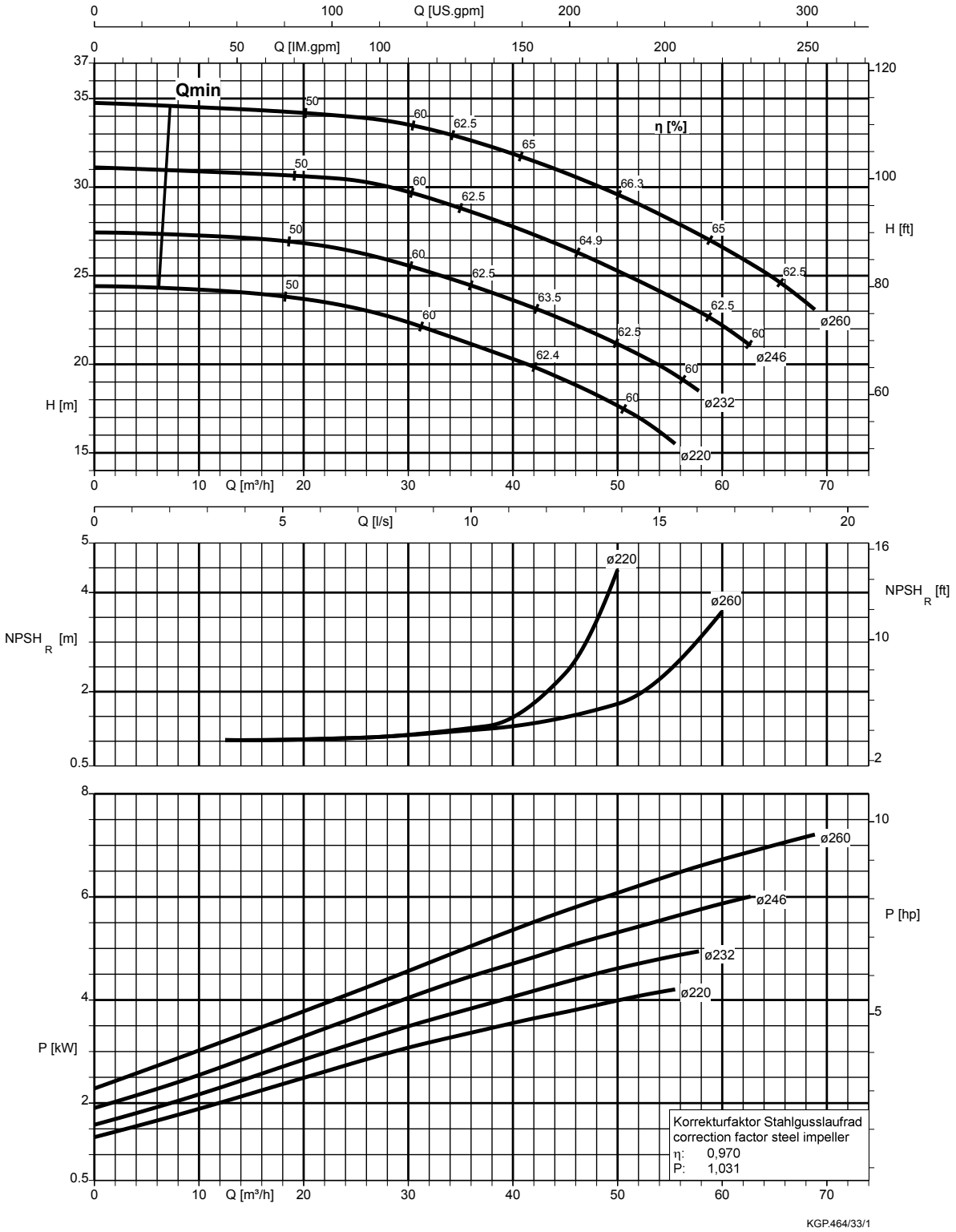
Meganorm 080-050-160, n = 1.750 rpm



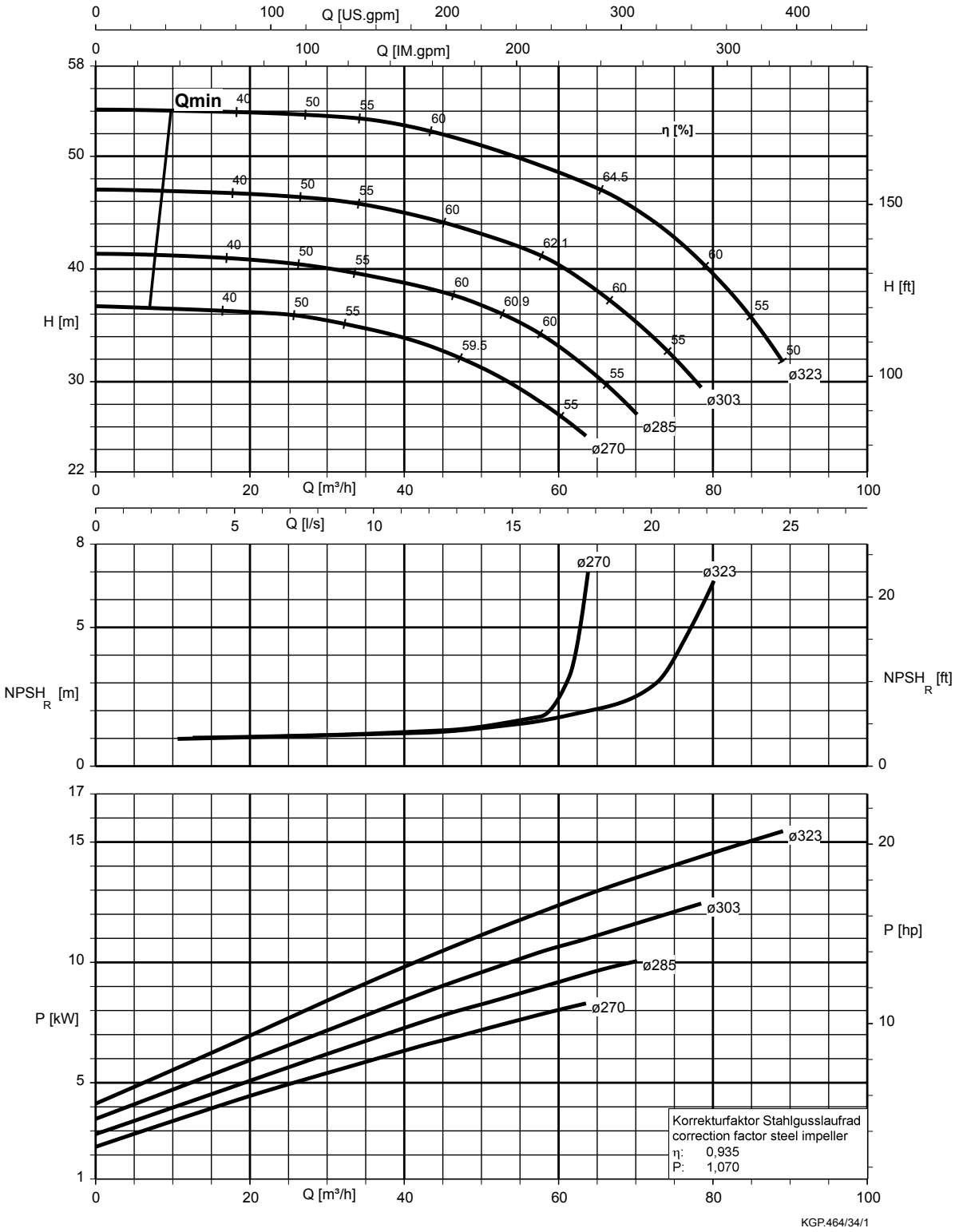
Meganorm 080-050-200, n = 1.750 rpm



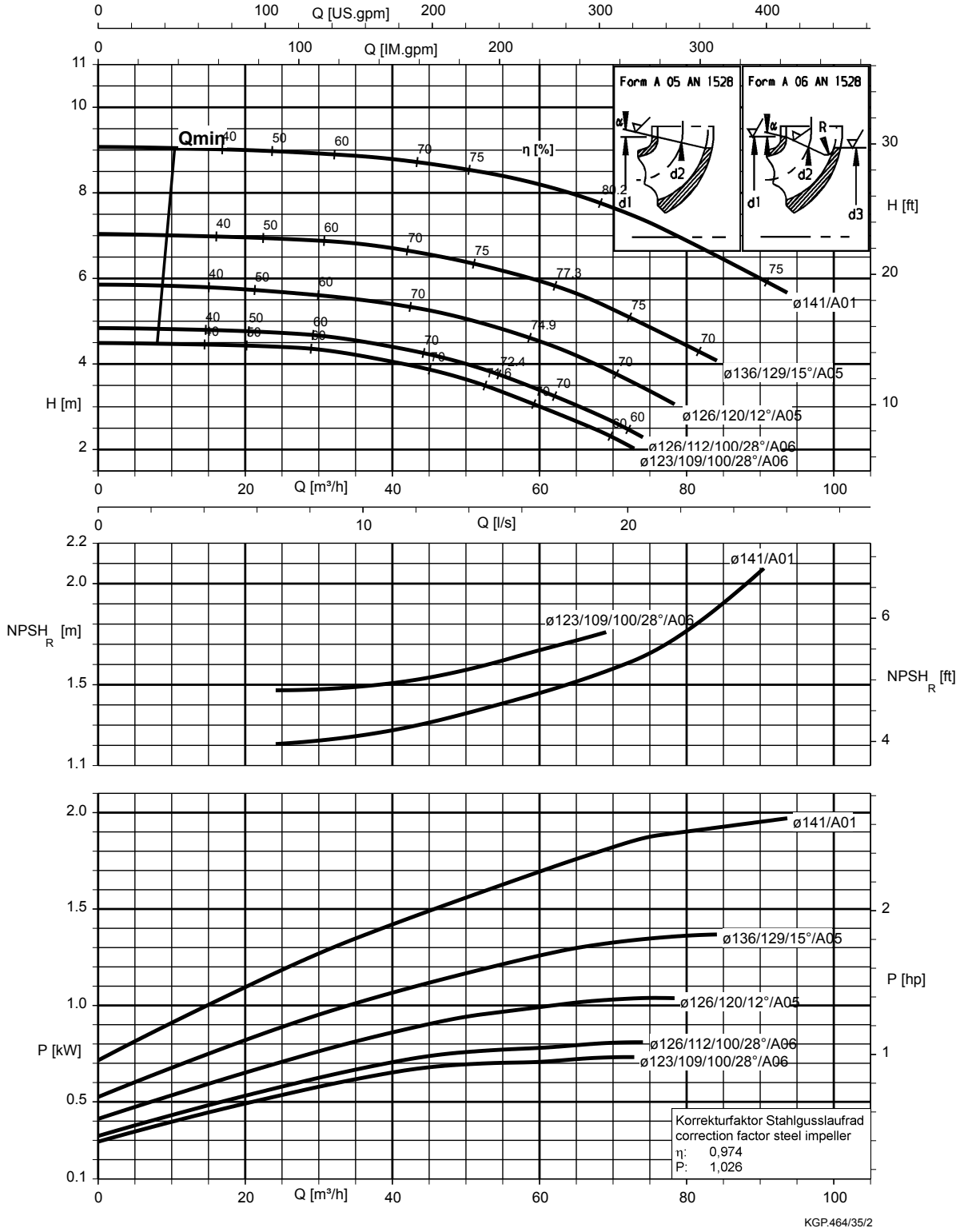
Meganorm 080-050-250, n = 1.750 rpm



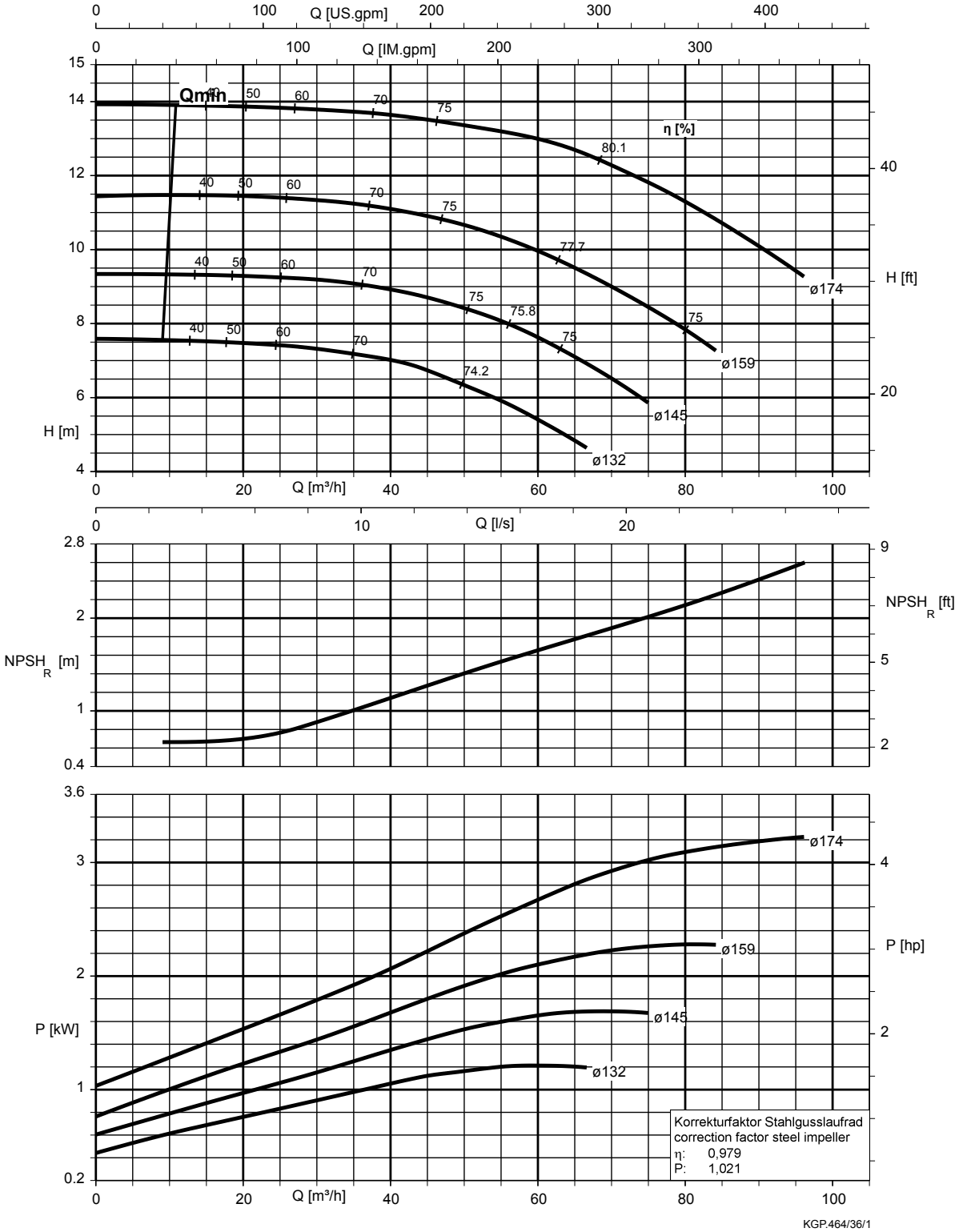
Meganorm 080-050-315, n = 1.750 rpm



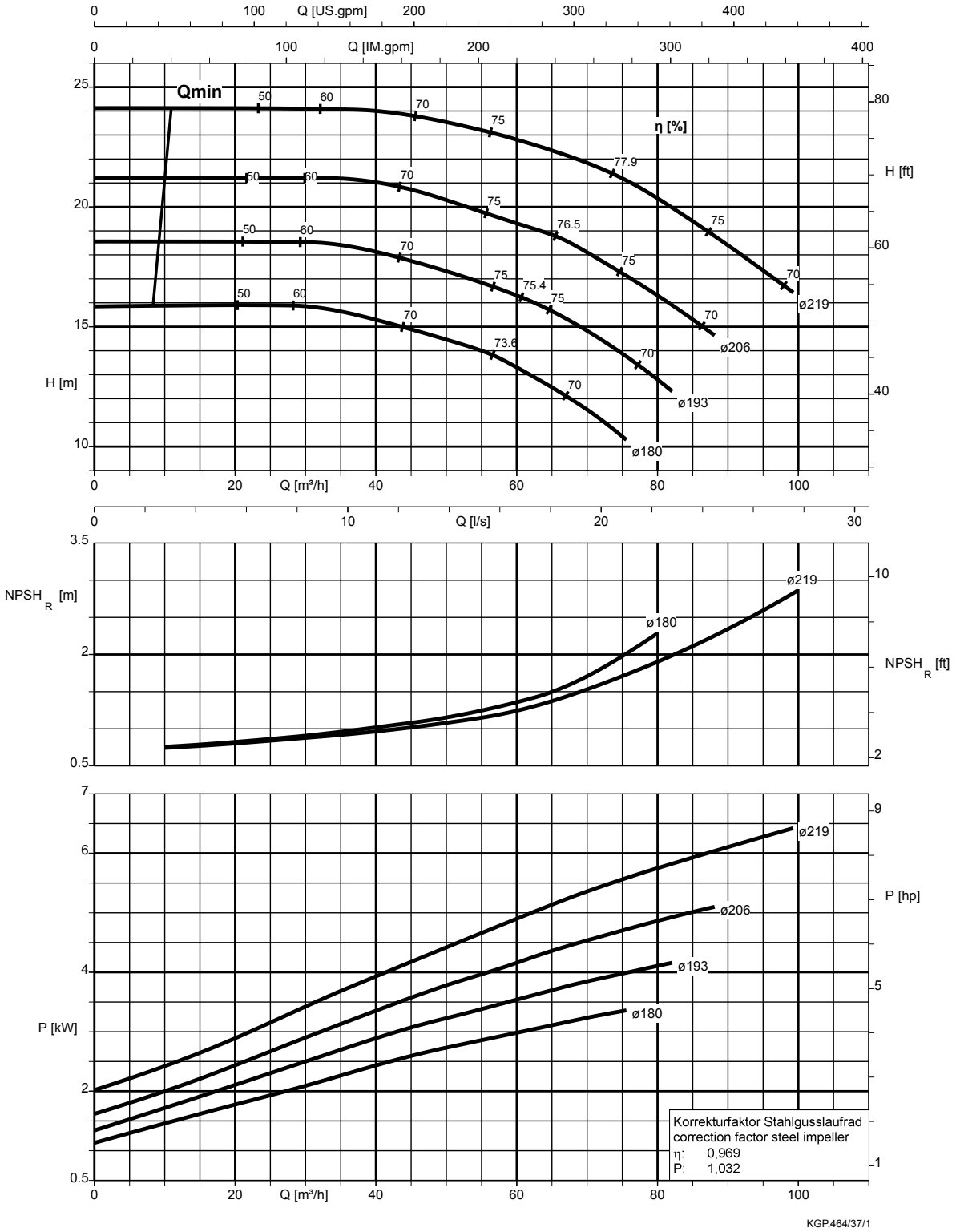
Meganorm 100-065-125, n = 1.750 rpm



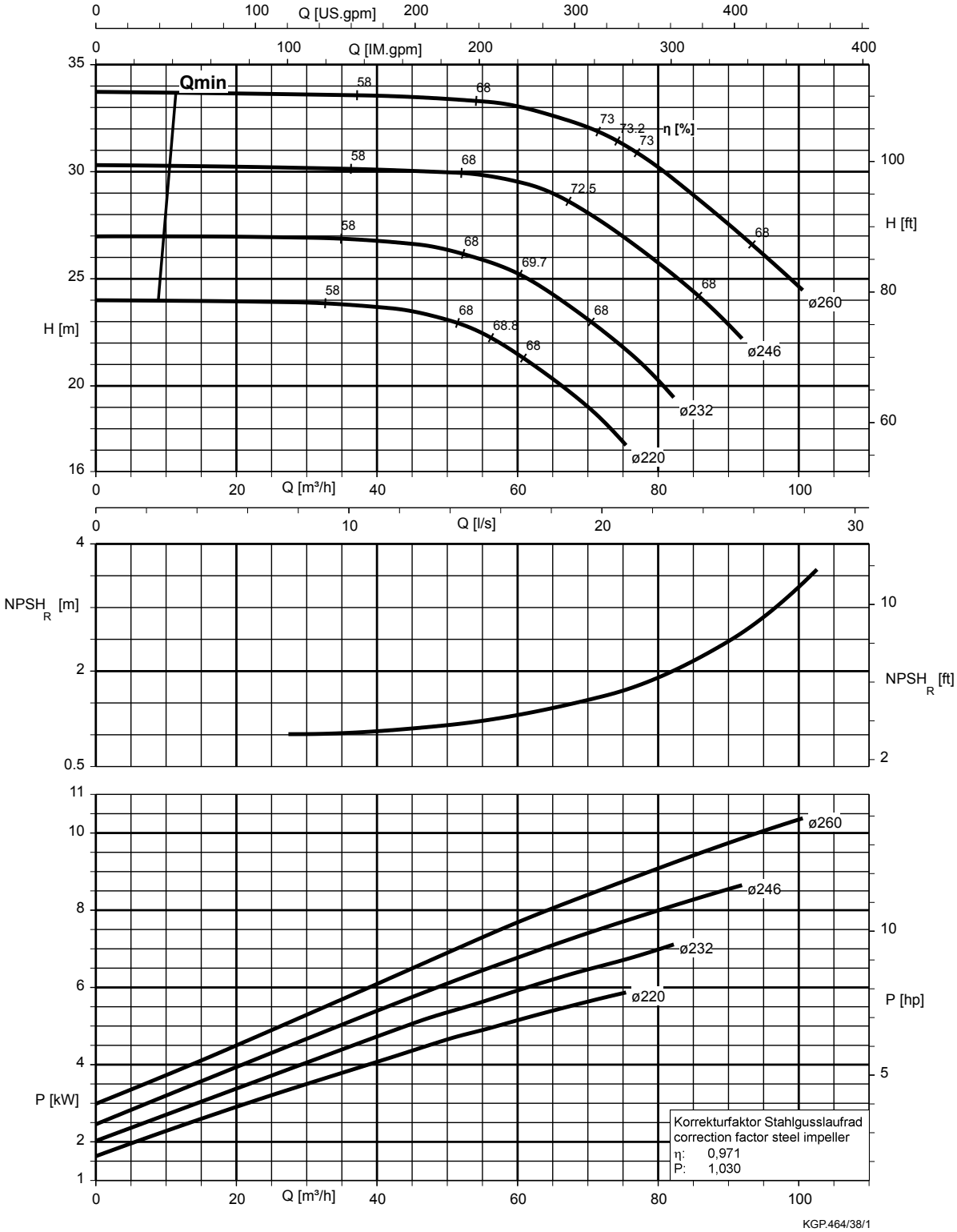
Meganorm 100-065-160, n = 1.750 rpm



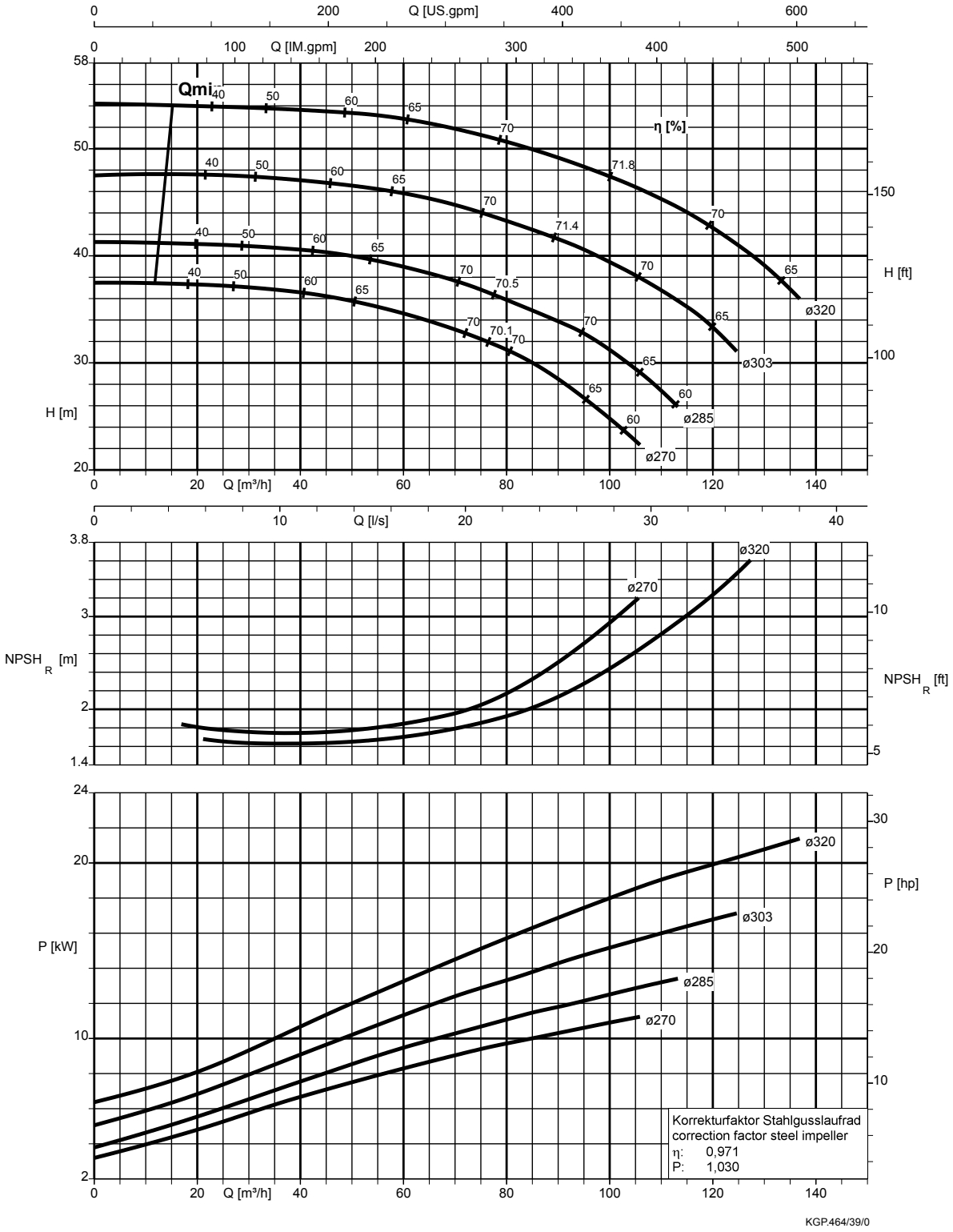
Meganorm 100-065-200, n = 1.750 rpm



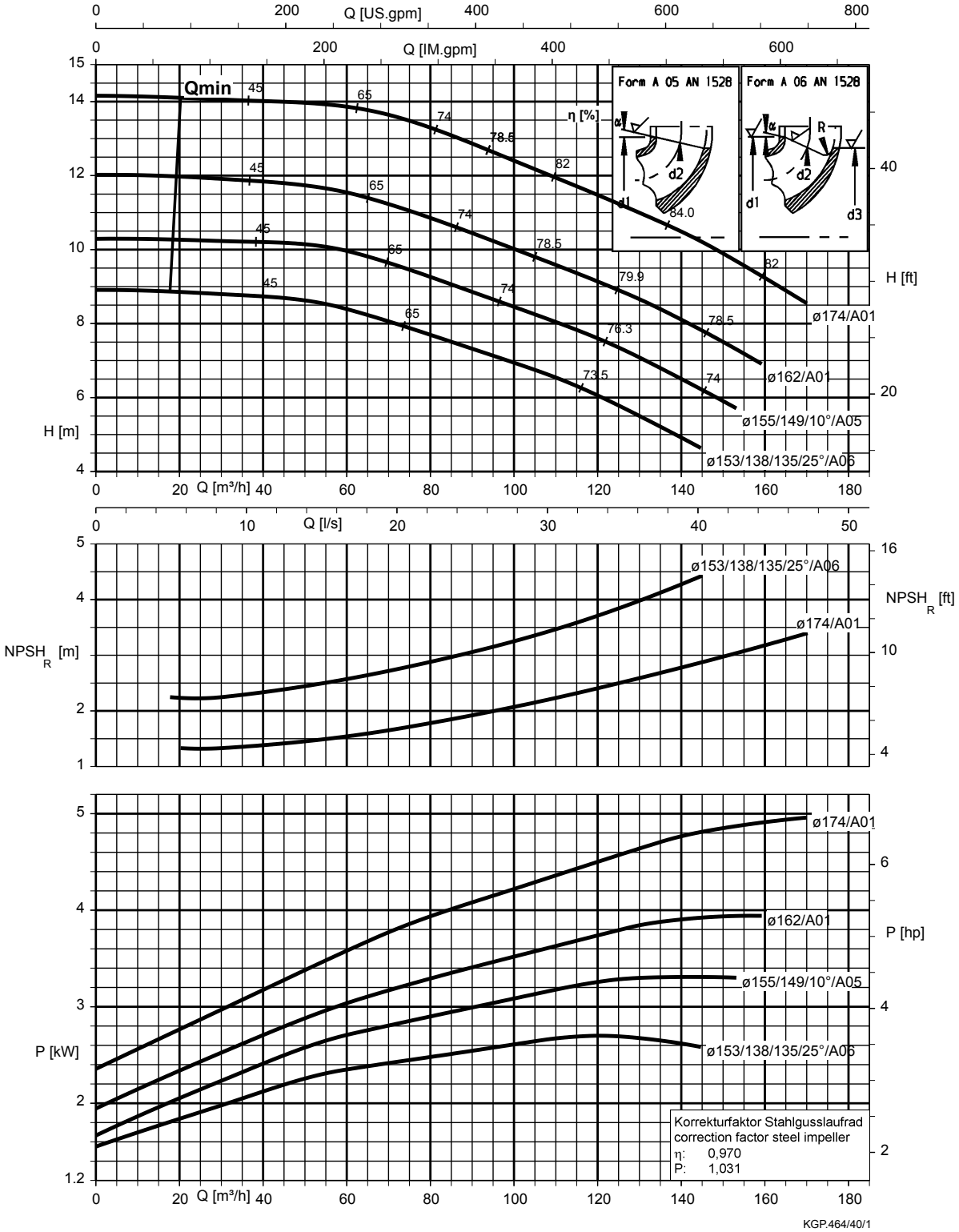
Meganorm 100-065-250, n = 1.750 rpm



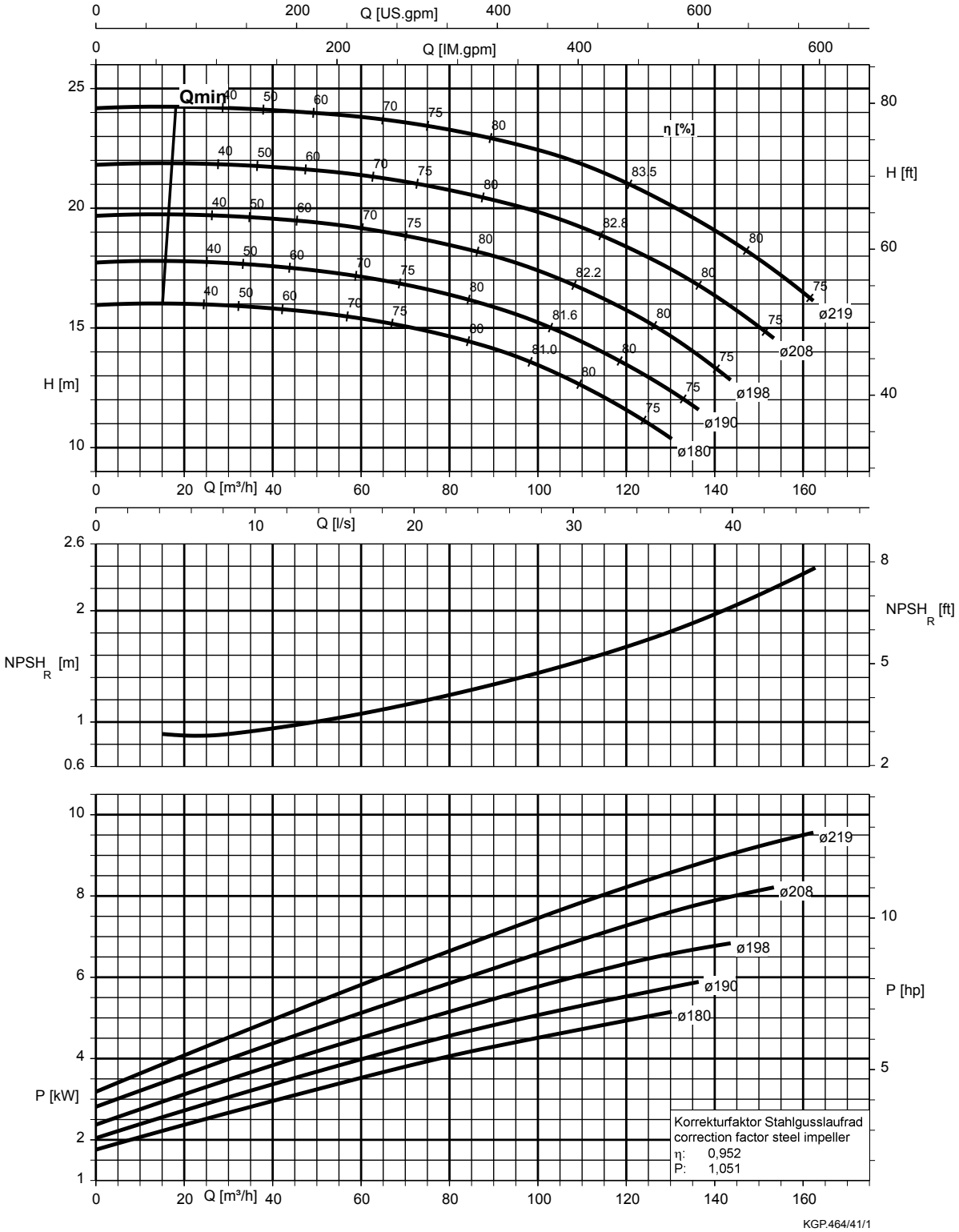
Meganorm 100-065-315, n = 1.750 rpm



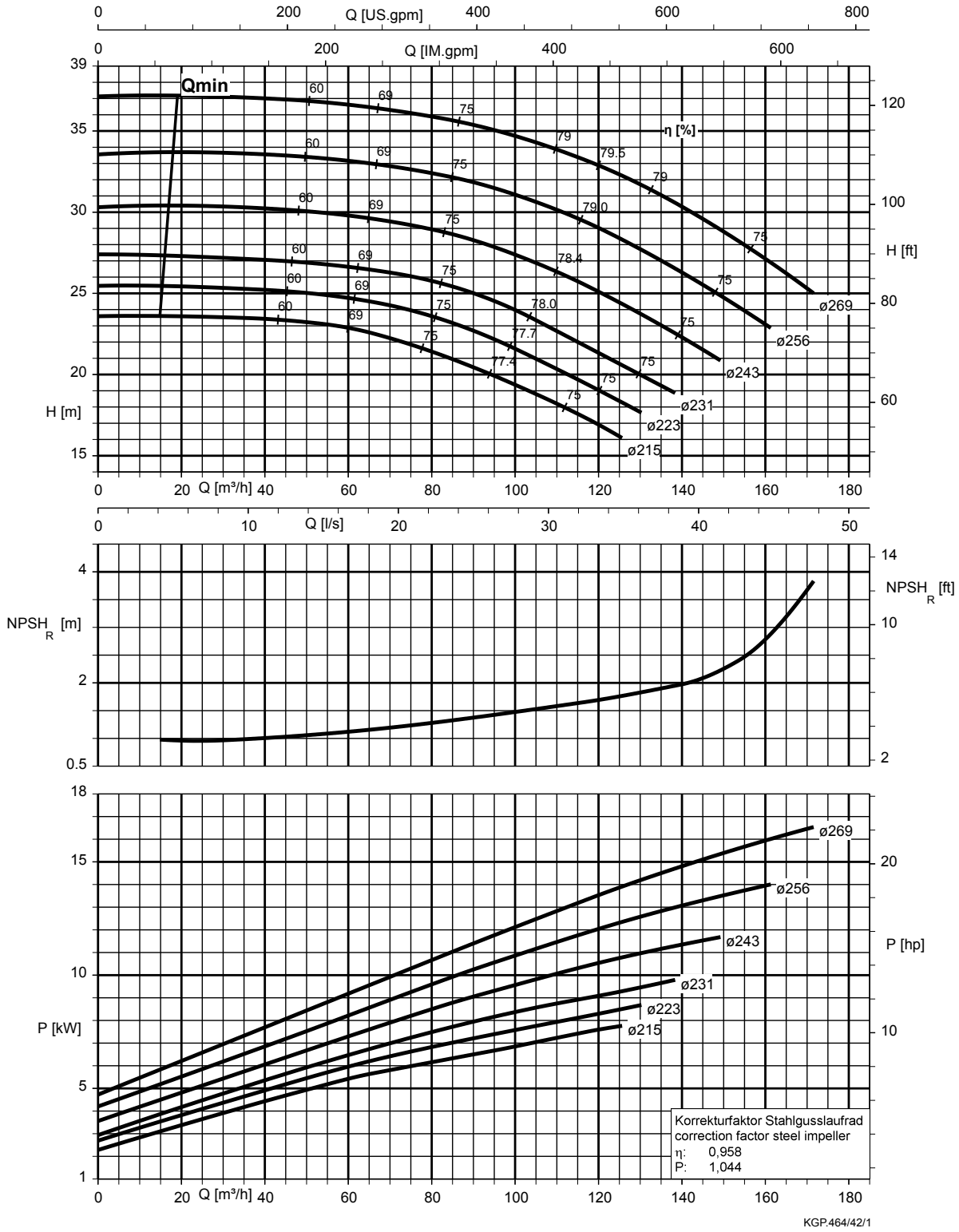
Meganorm 125-080-160, n = 1.750 rpm



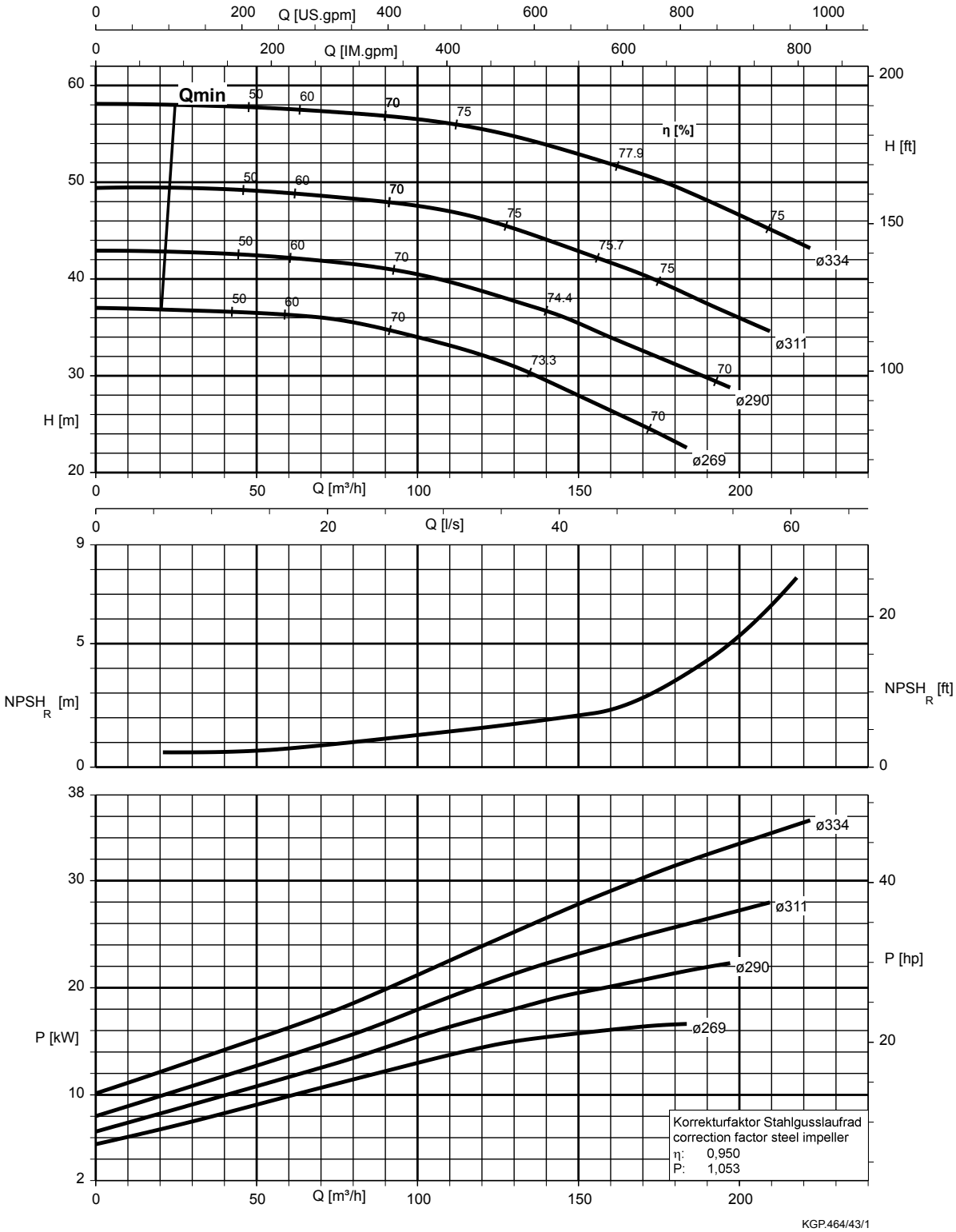
Meganorm 125-080-200, n = 1.750 rpm



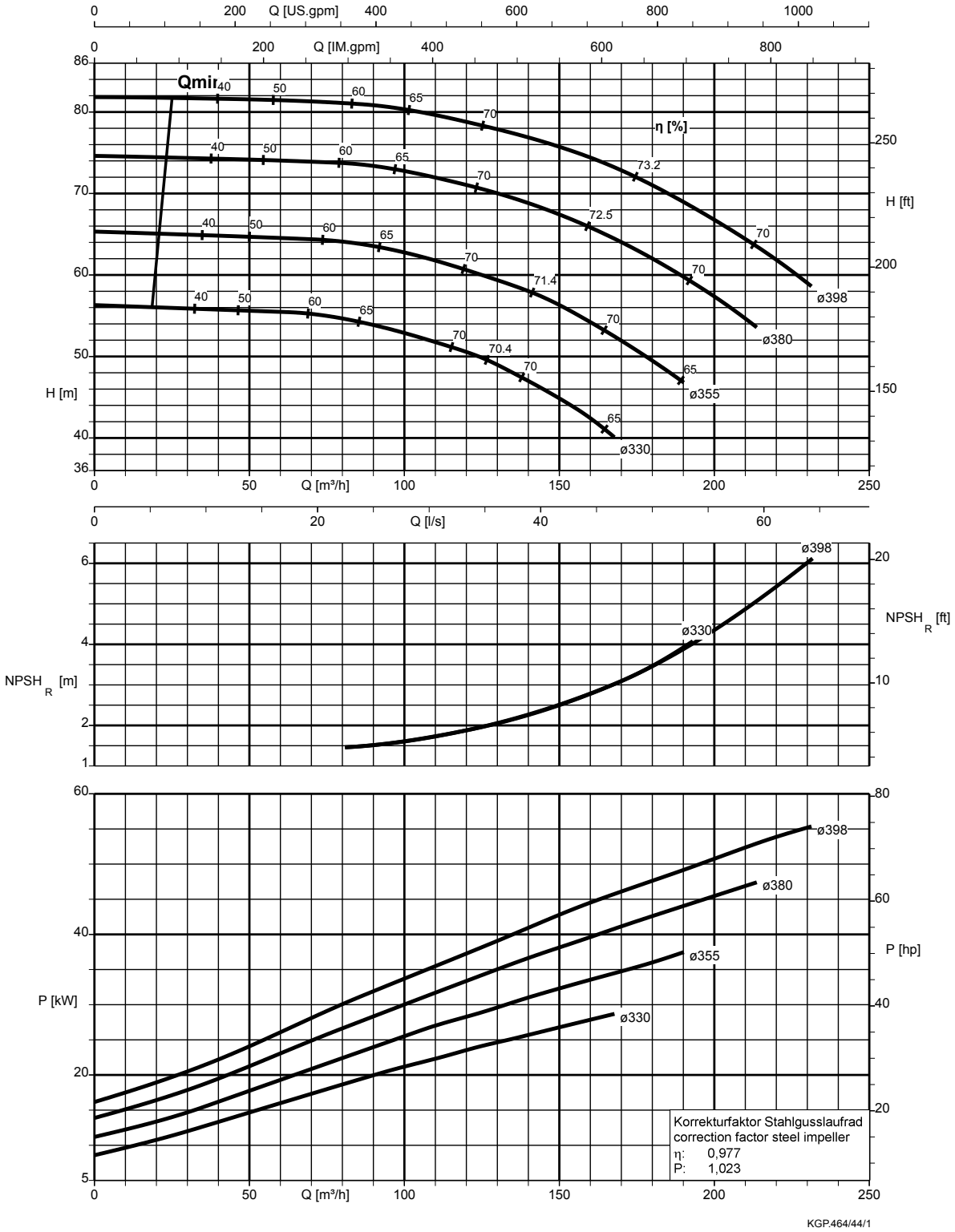
Meganorm 125-080-250, n = 1.750 rpm



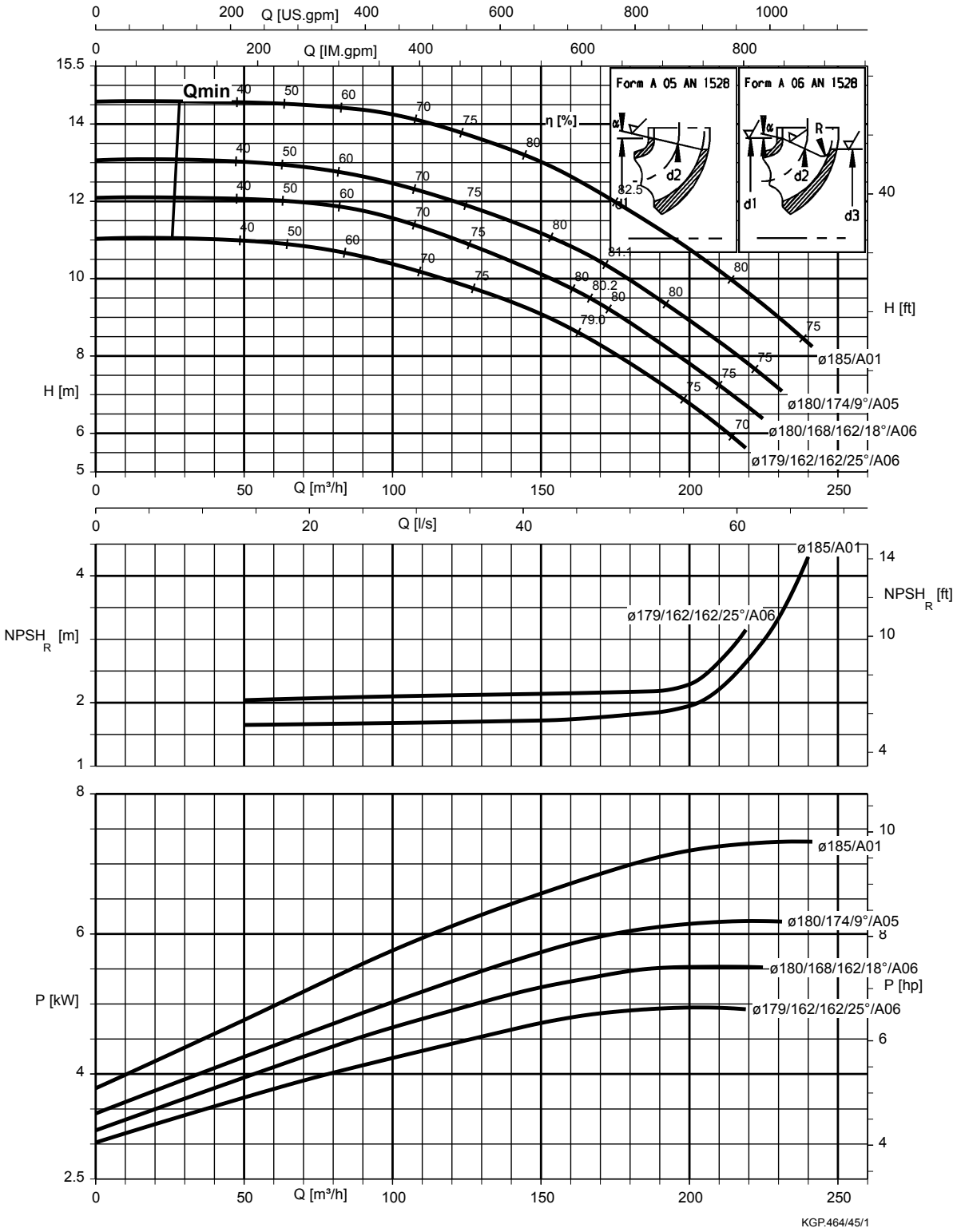
Meganorm 125-080-315, n = 1.750 rpm



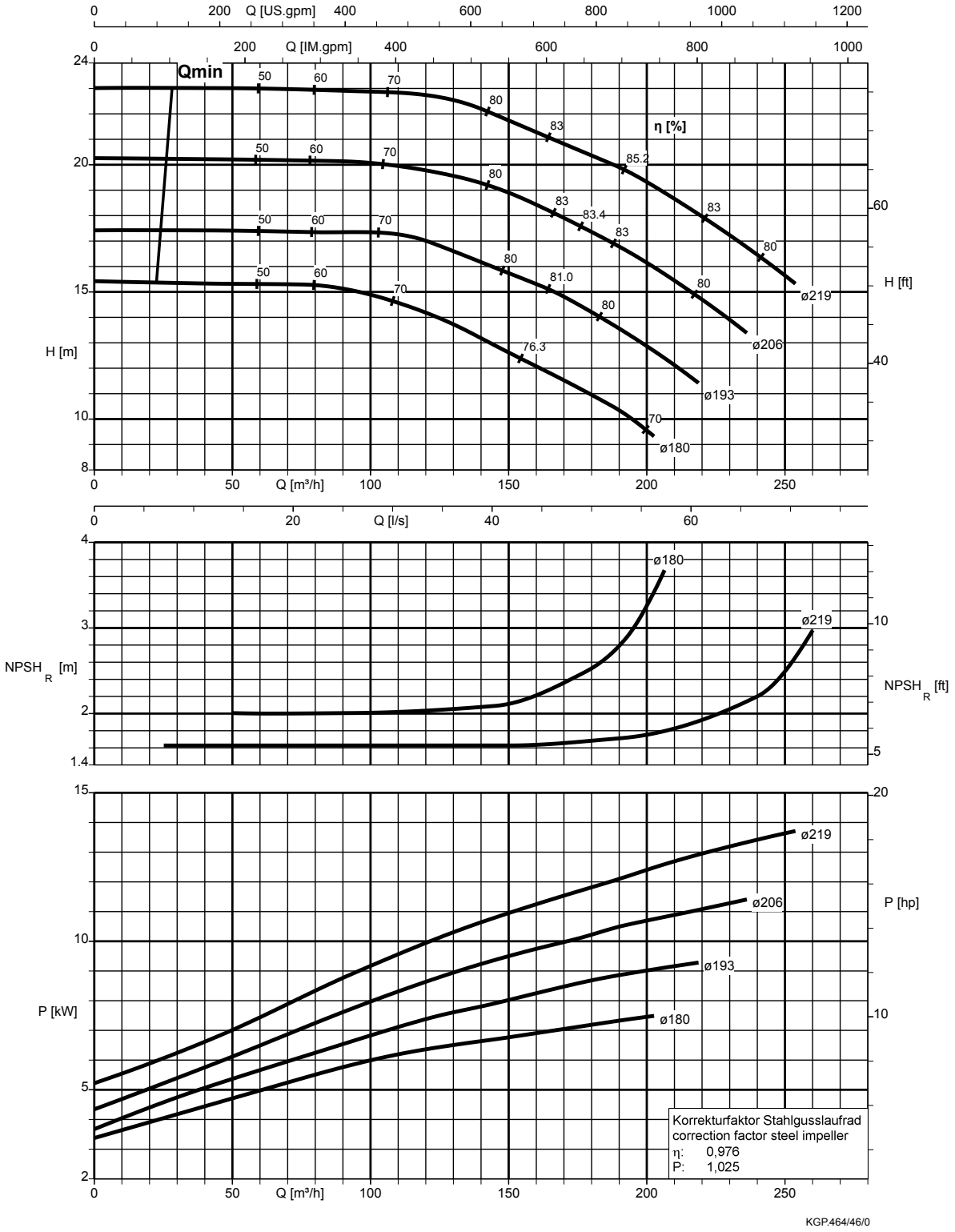
Meganorm 125-080-400, n = 1.750 rpm



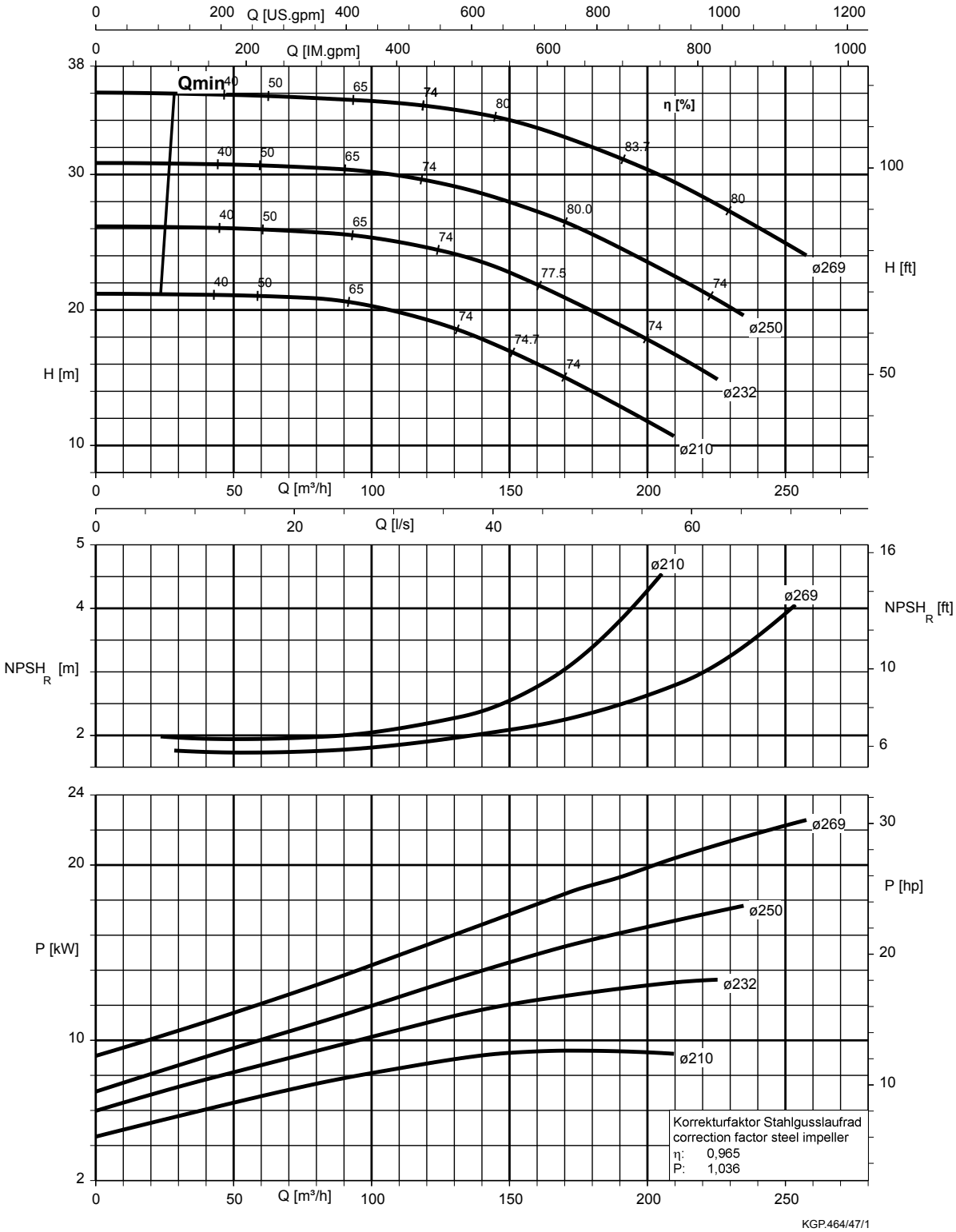
Meganorm 125-100-160, n = 1750 r.p.m.



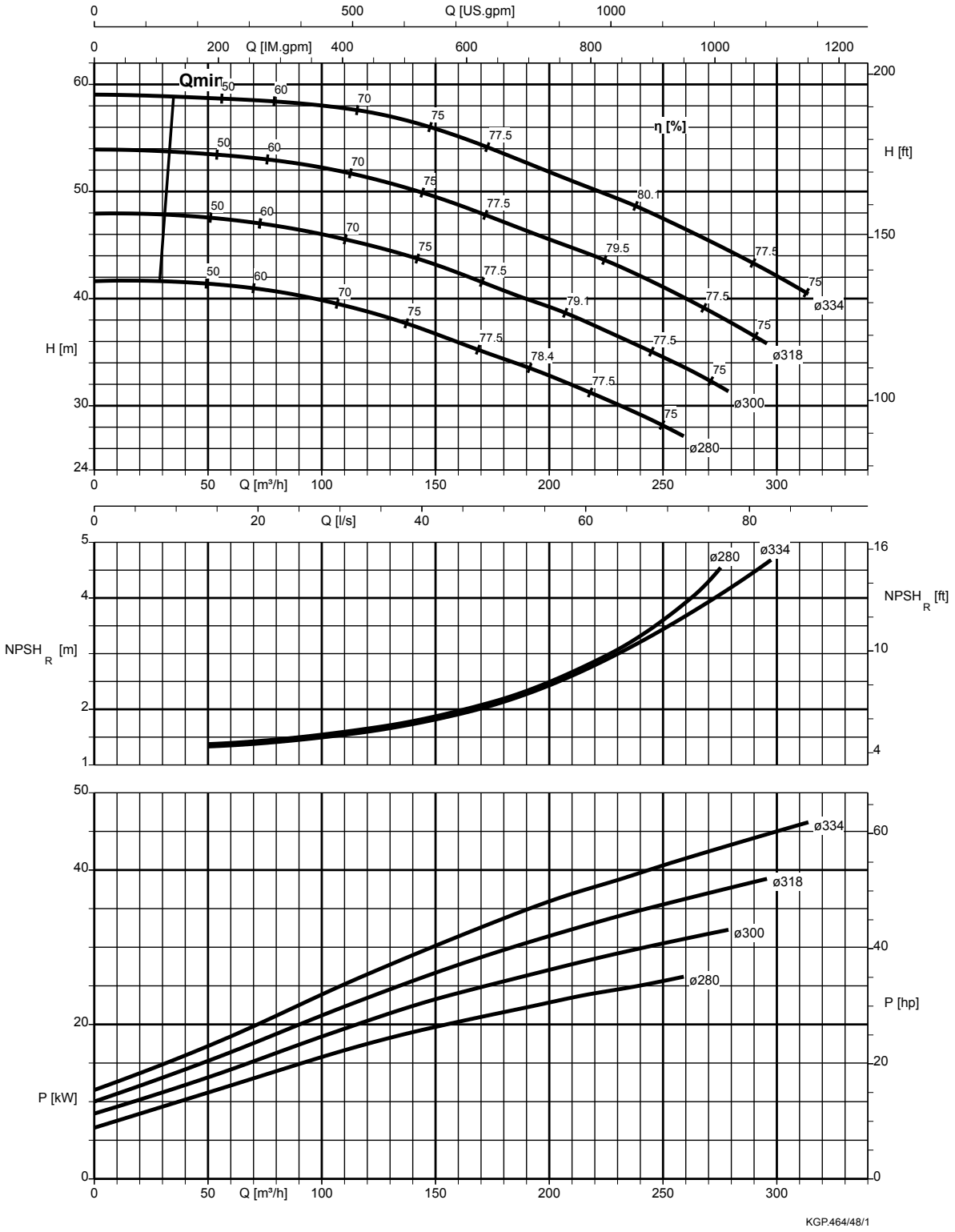
Meganorm 125-100-200, n = 1750 r.p.m.



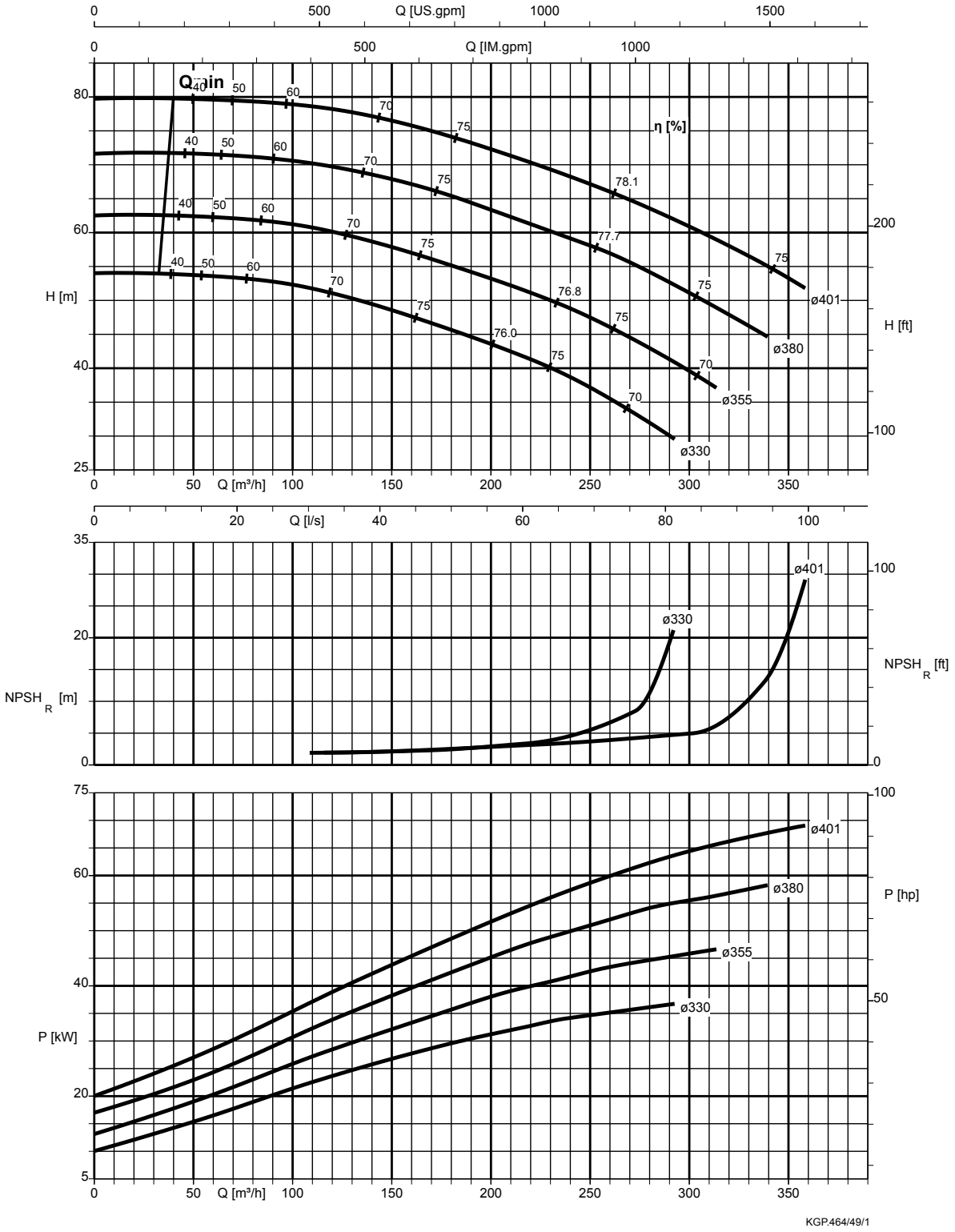
Meganorm 125-100-250, n = 1750 r.p.m.



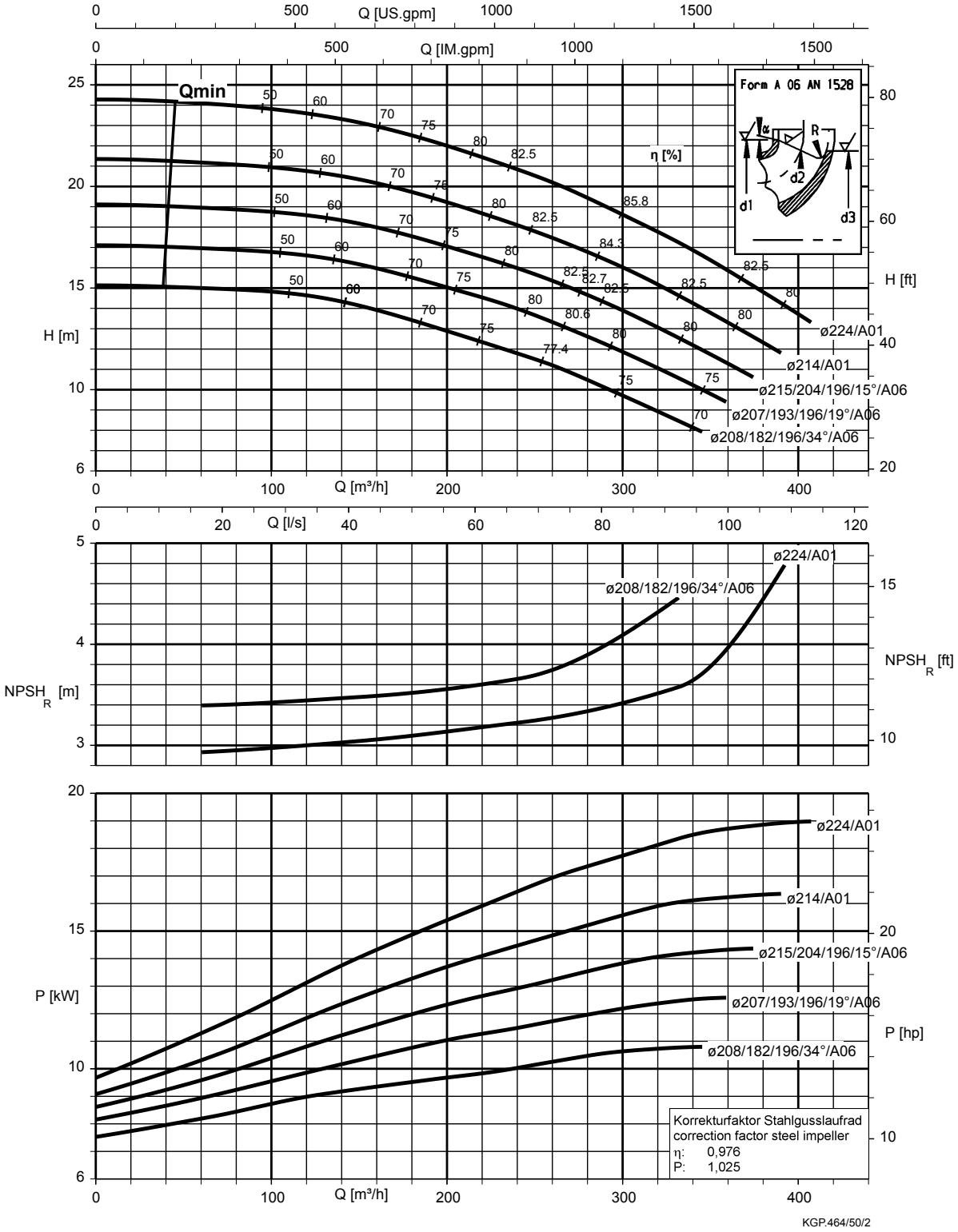
Meganorm 125-100-315, n = 1750 r.p.m.



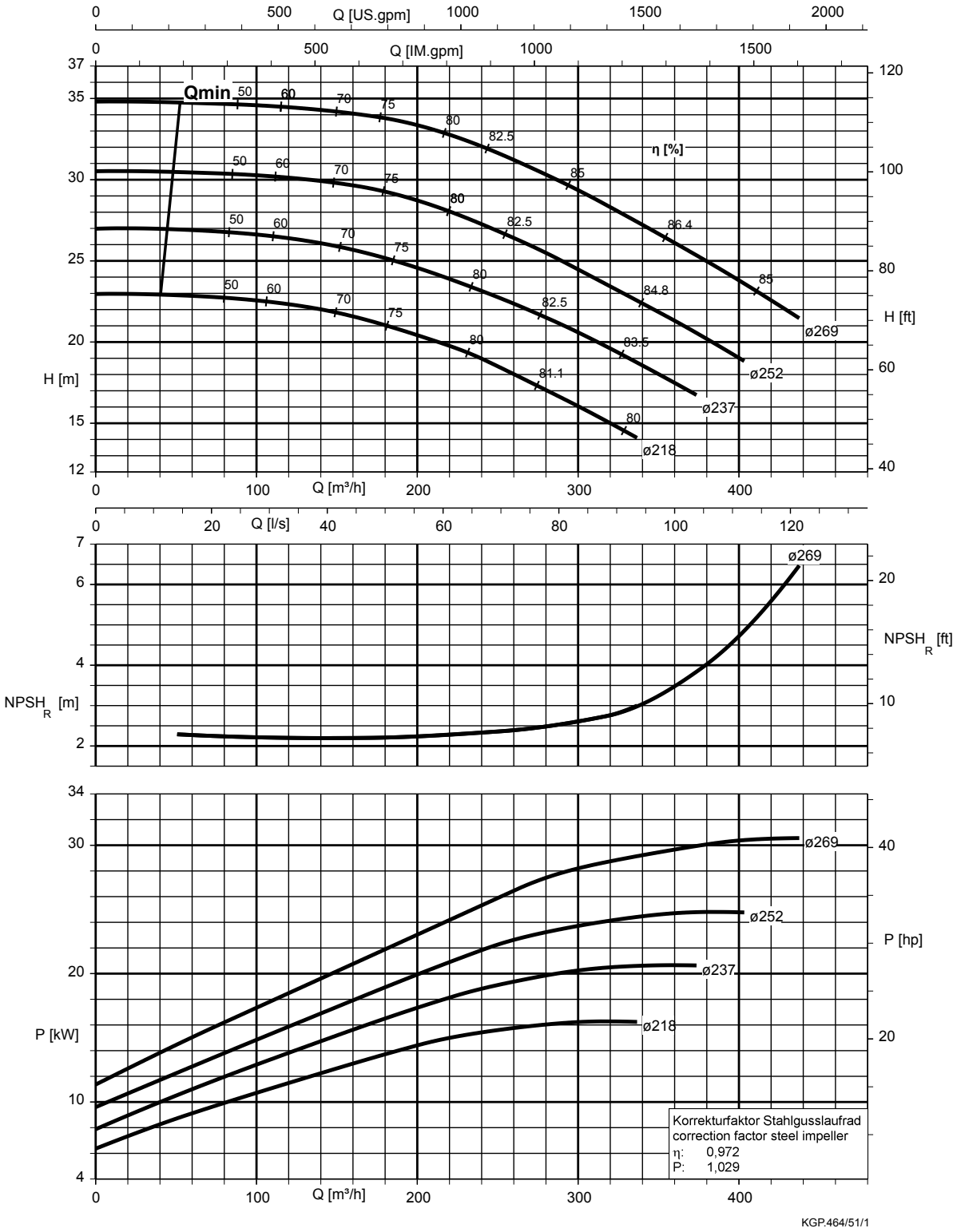
Meganorm 125-100-400, n = 1750 r.p.m.



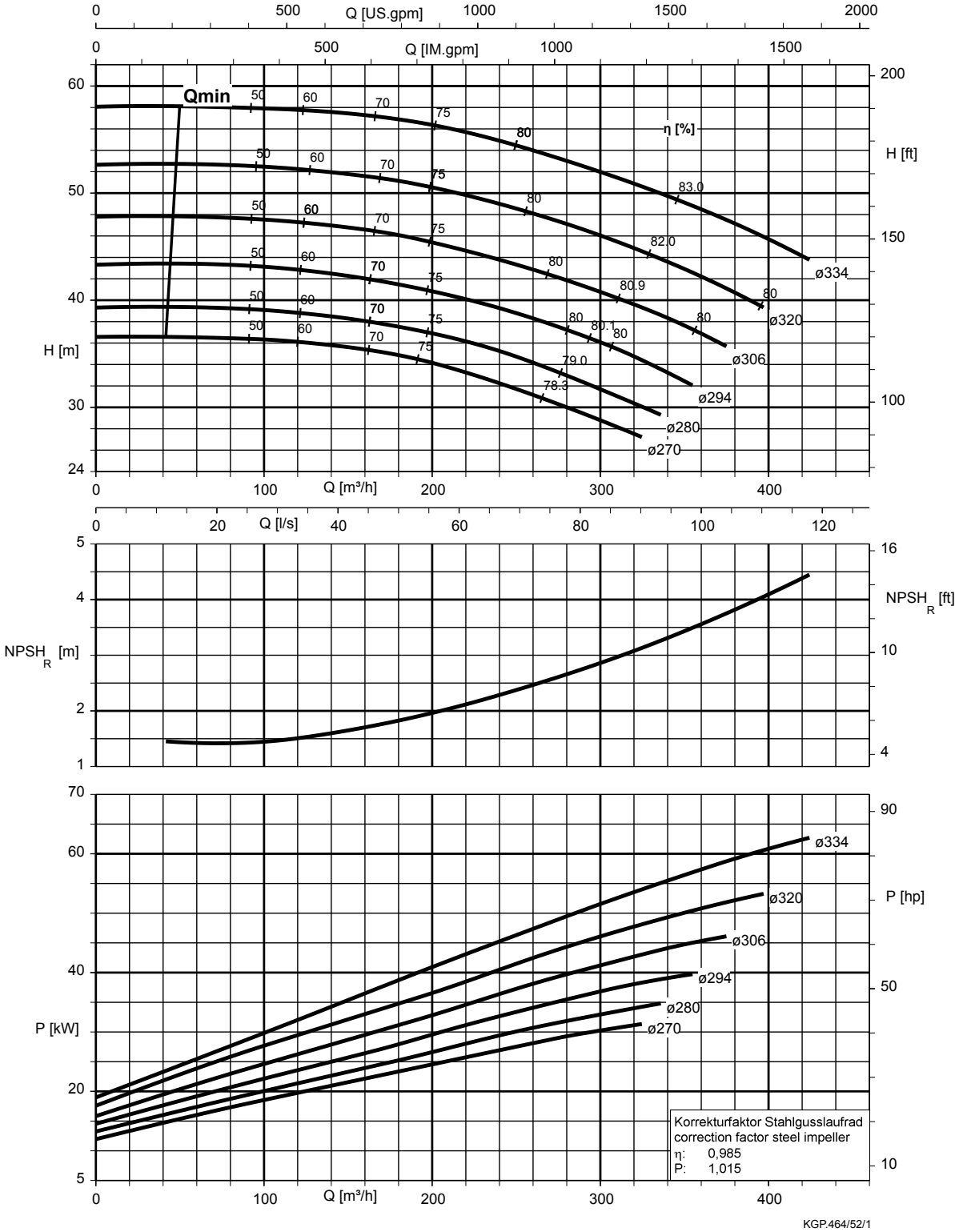
Meganorm 150-125-200, n = 1750 r.p.m.



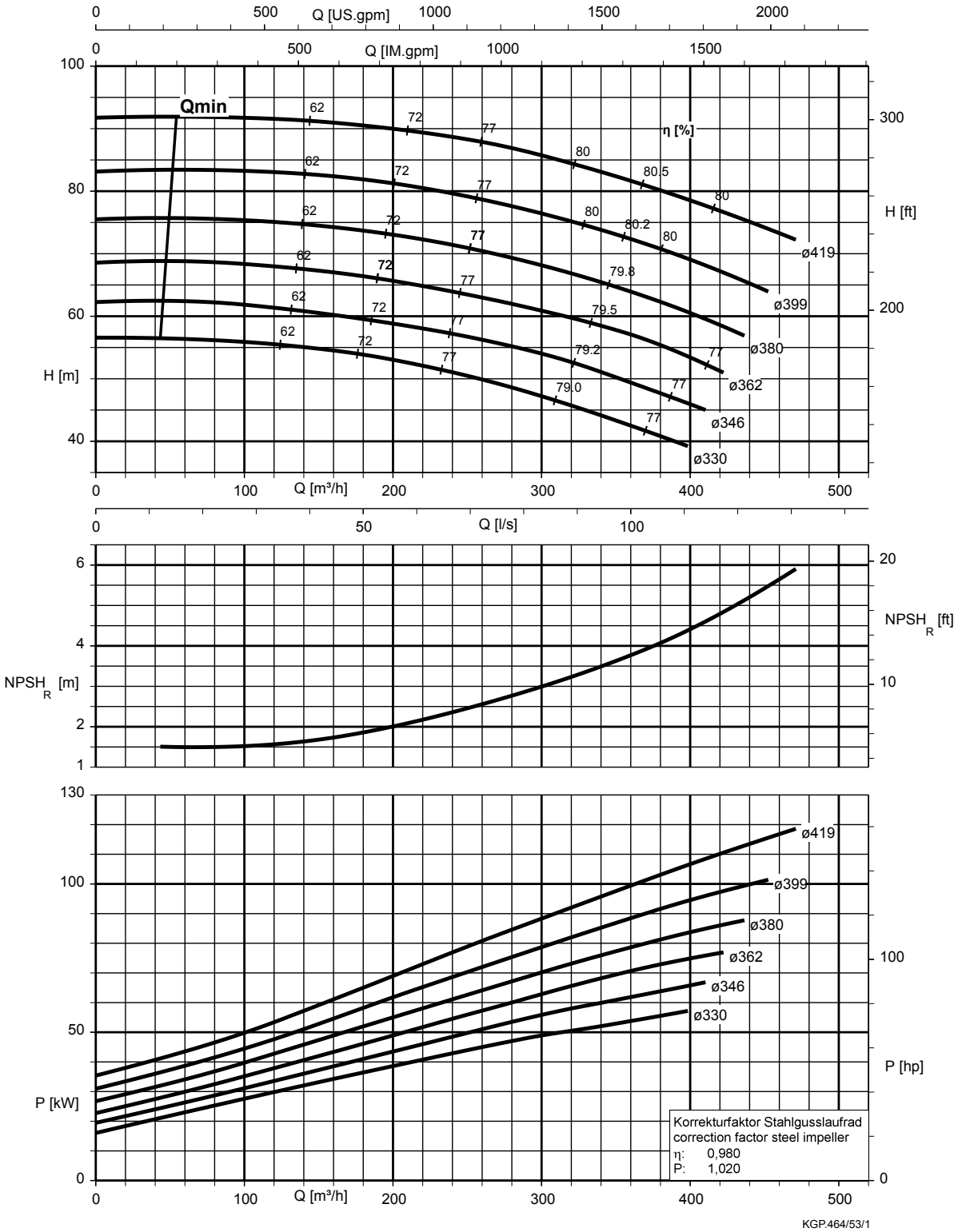
Meganorm 150-125-250, n = 1750 r.p.m.



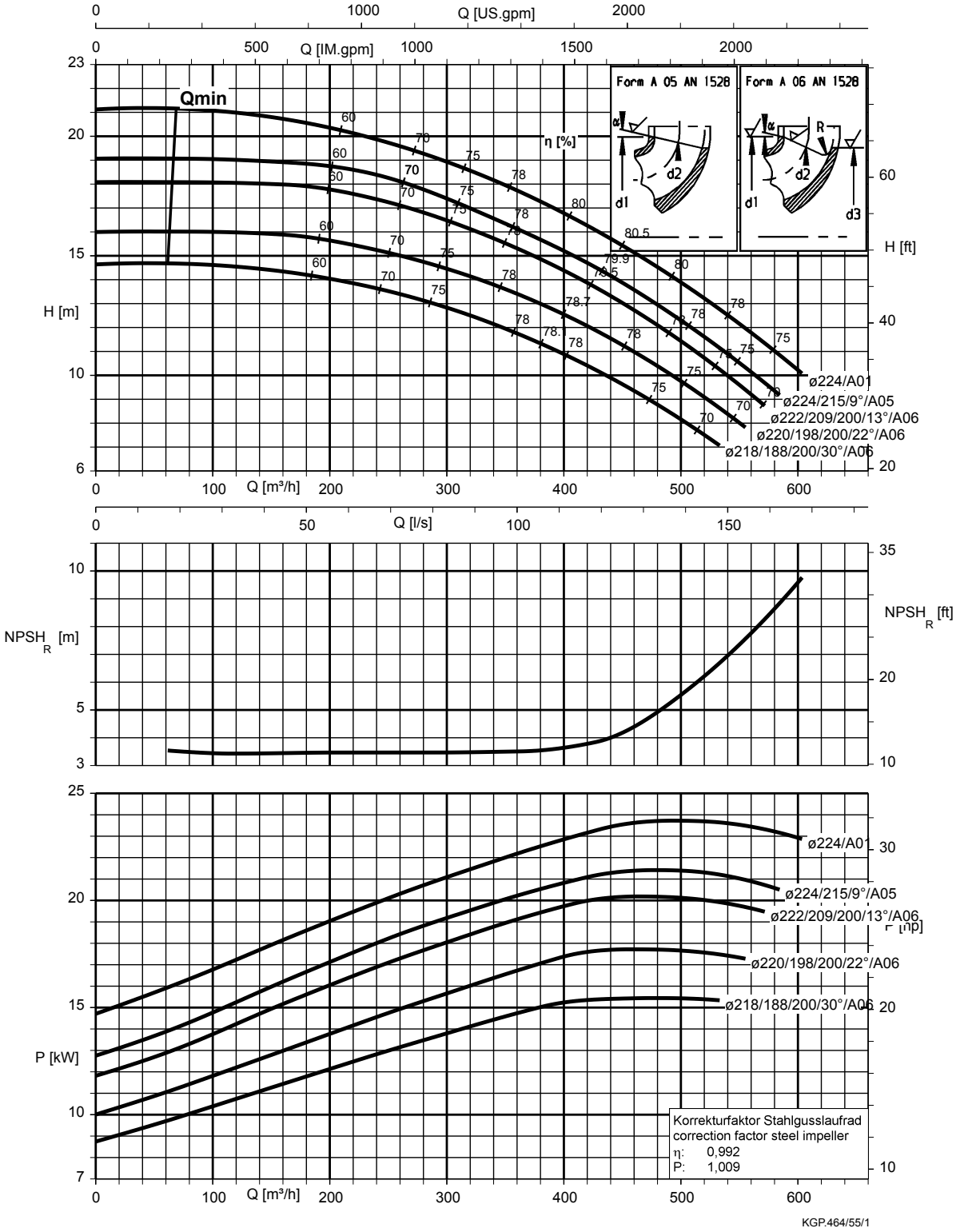
Meganorm 150-125-315, n = 1750 r.p.m.



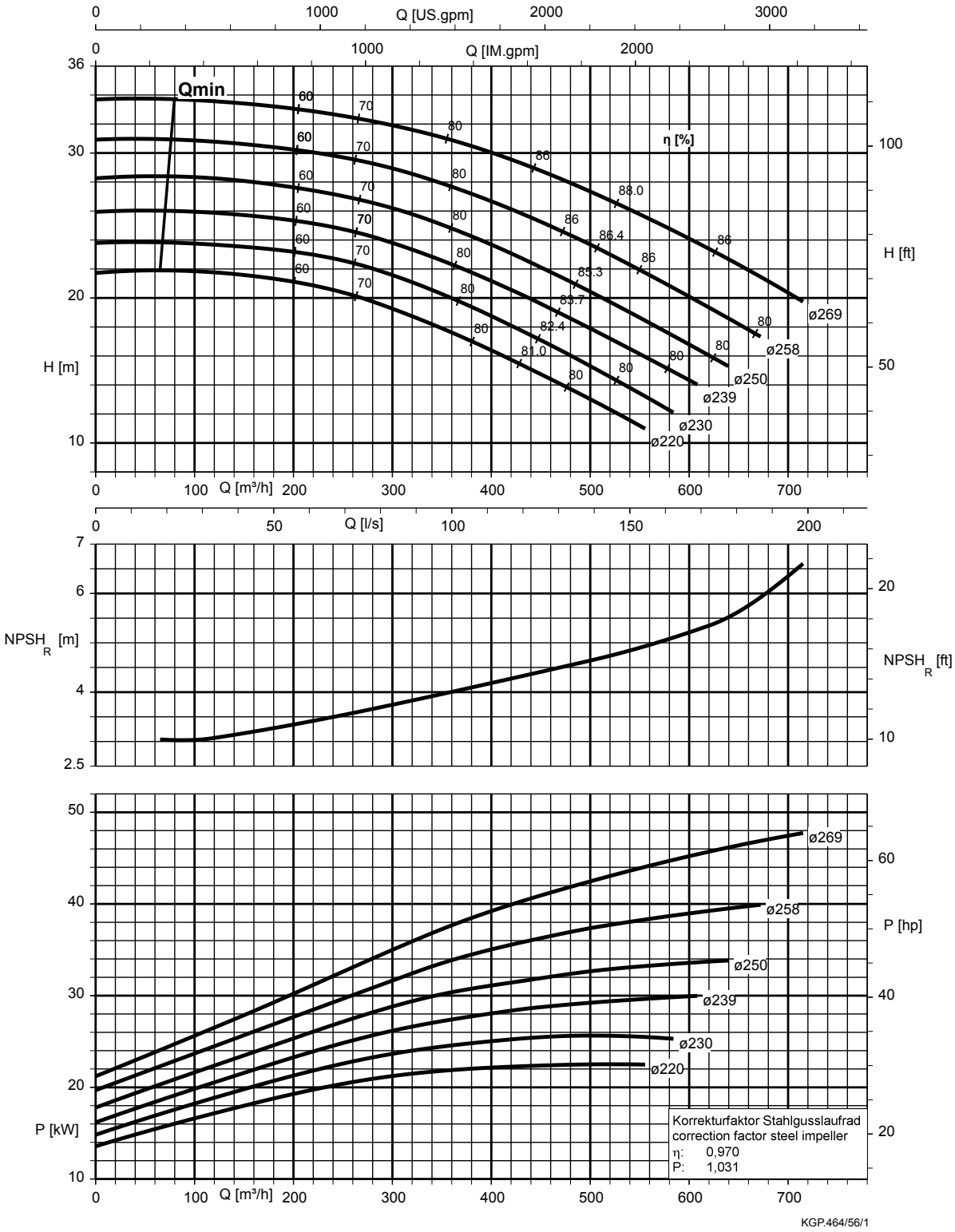
Meganorm 150-125-400, n = 1750 r.p.m.



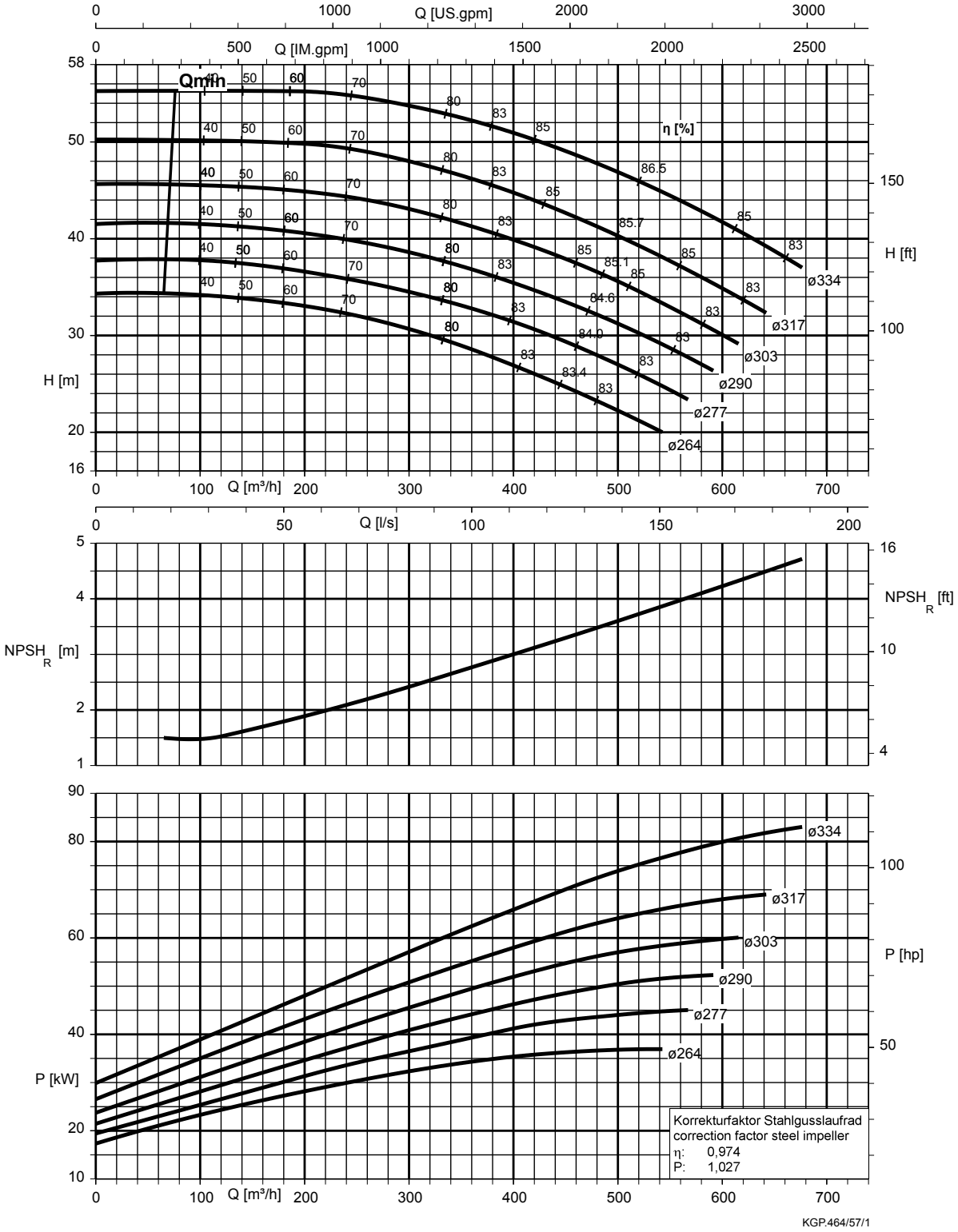
Meganorm 200-150-200, n = 1750 r.p.m.



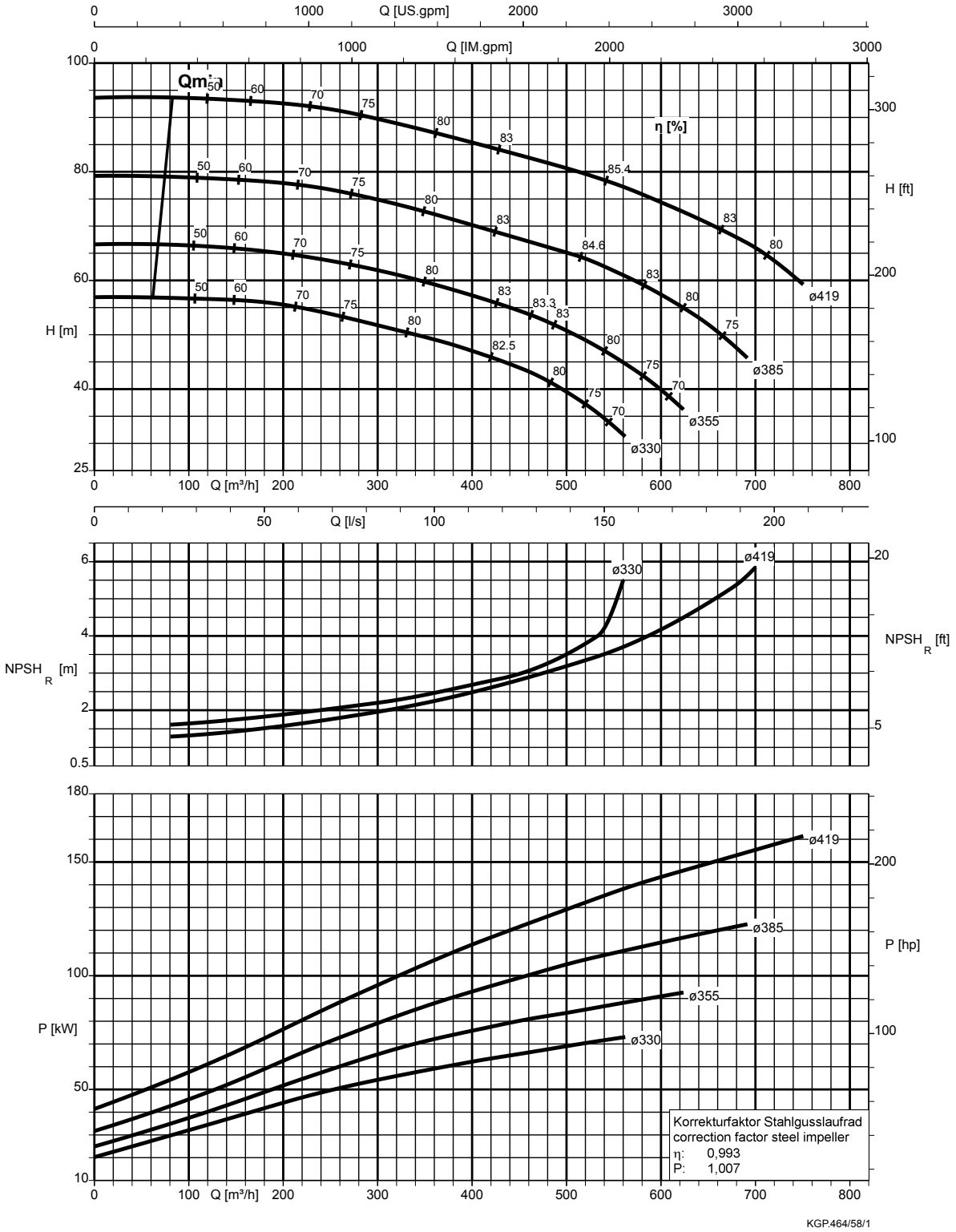
Meganorm 200-150-250, n = 1750 r.p.m.



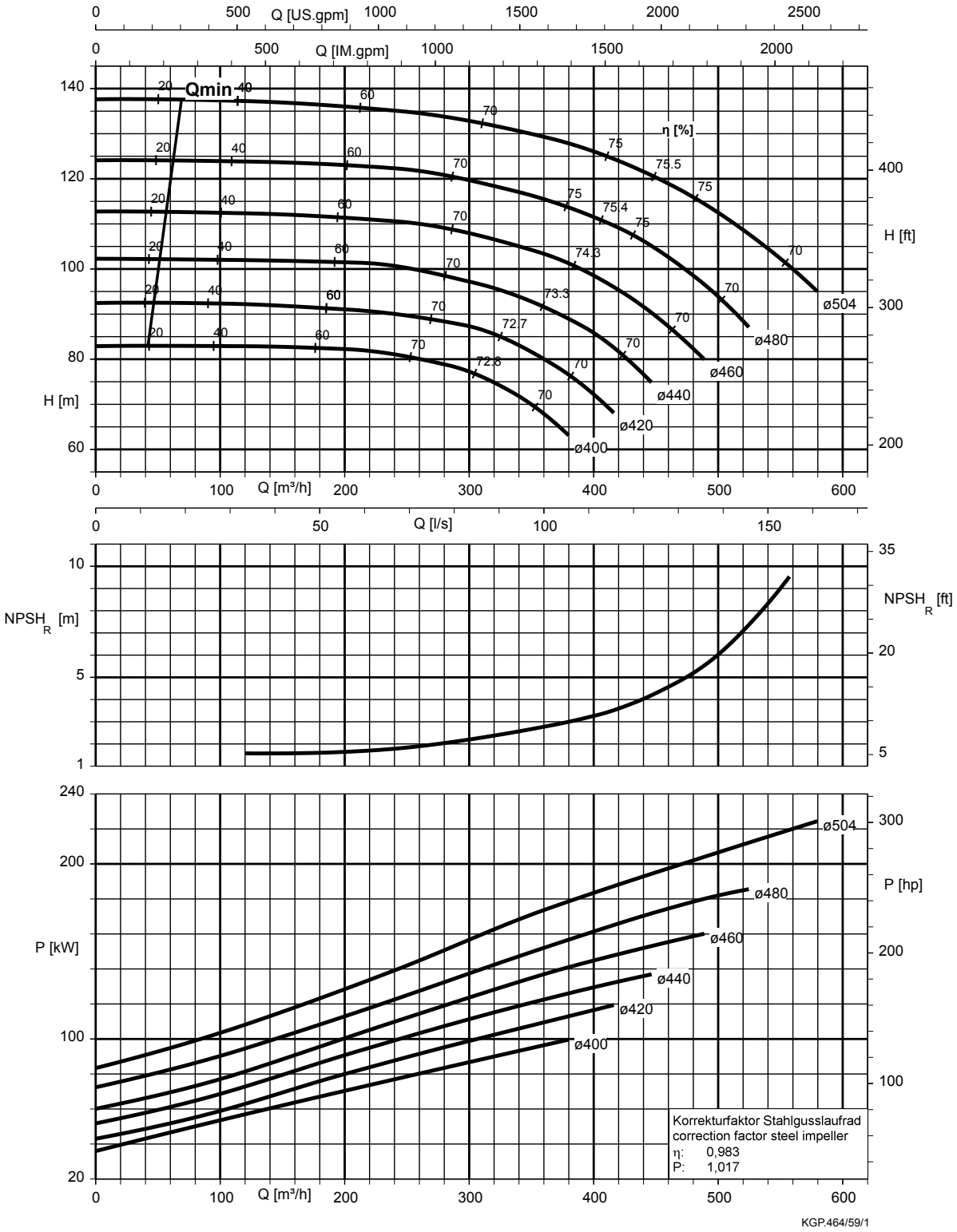
Meganorm 200-150-315, n = 1750 r.p.m.



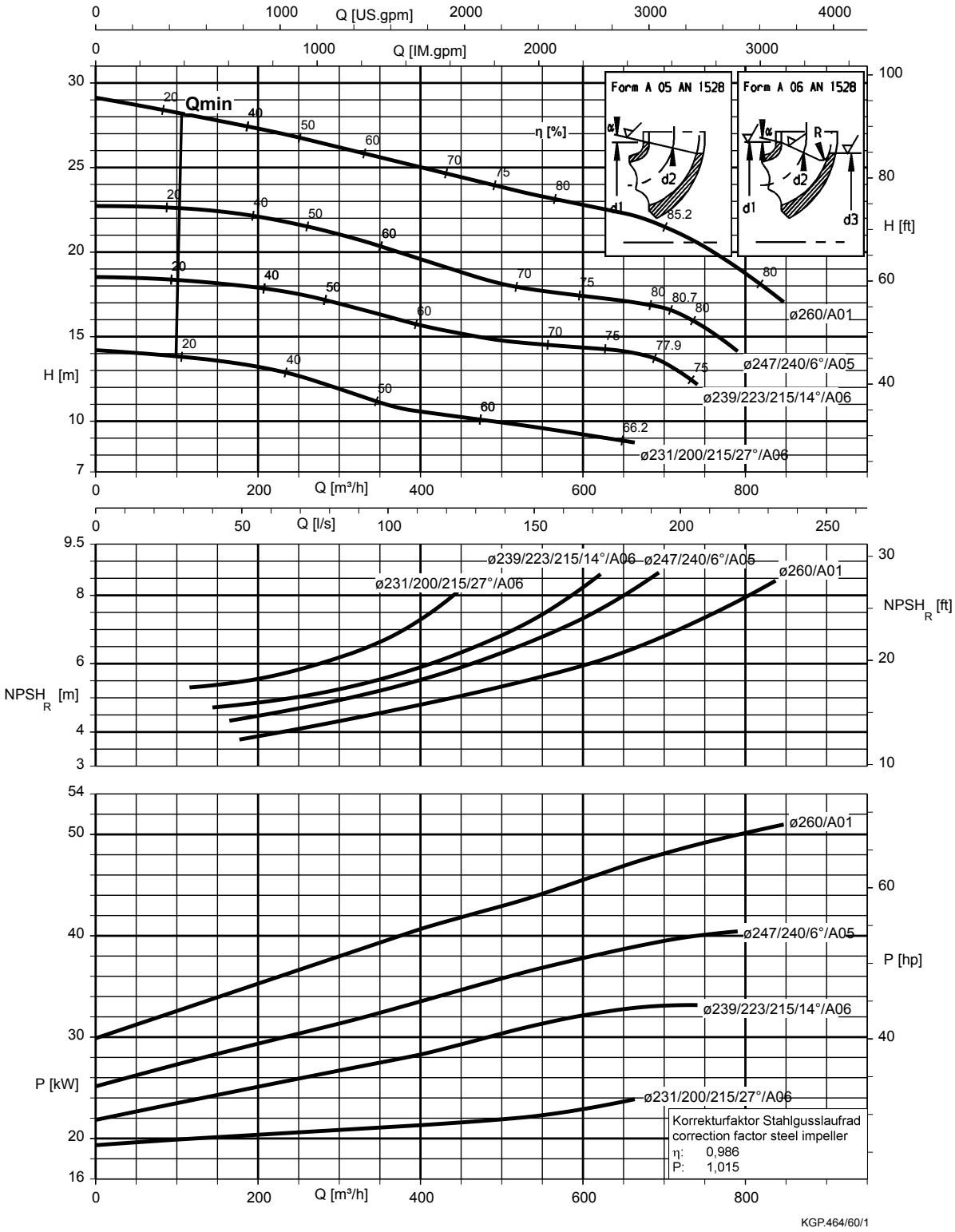
Meganorm 200-150-400, n = 1750 r.p.m.



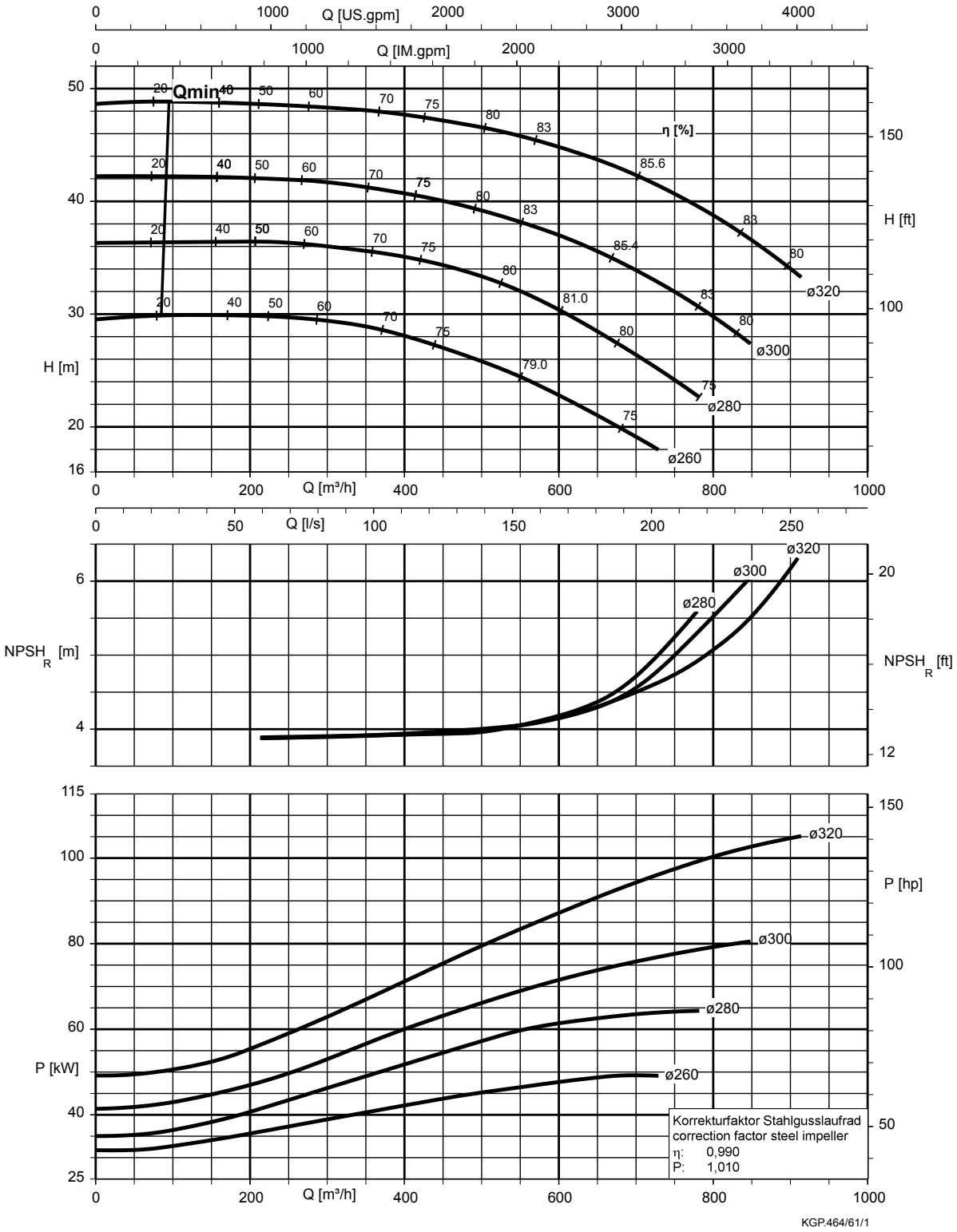
Meganorm 200-150-500, n = 1750 r.p.m.



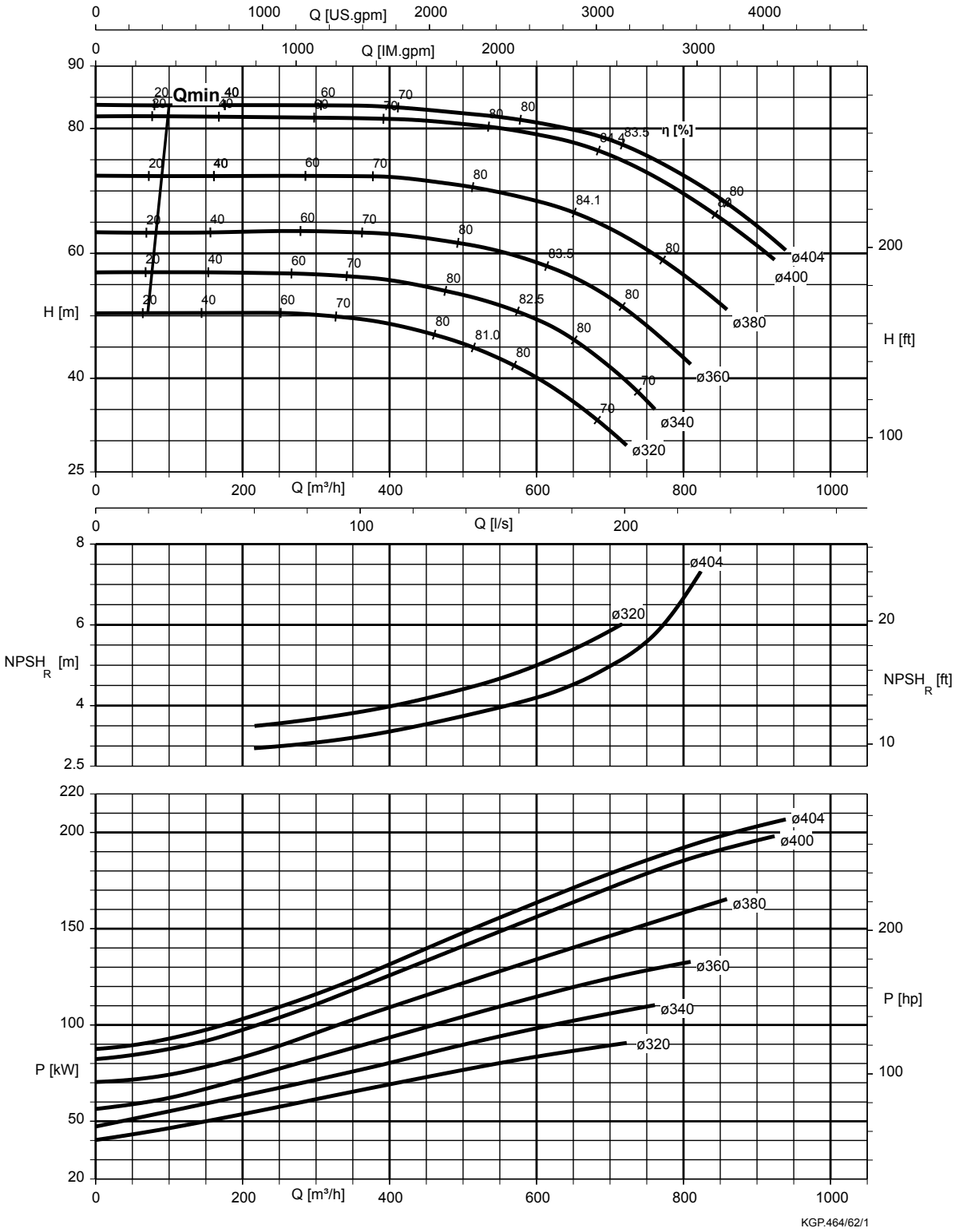
Meganorm 200-200-250, n = 1750 r.p.m.



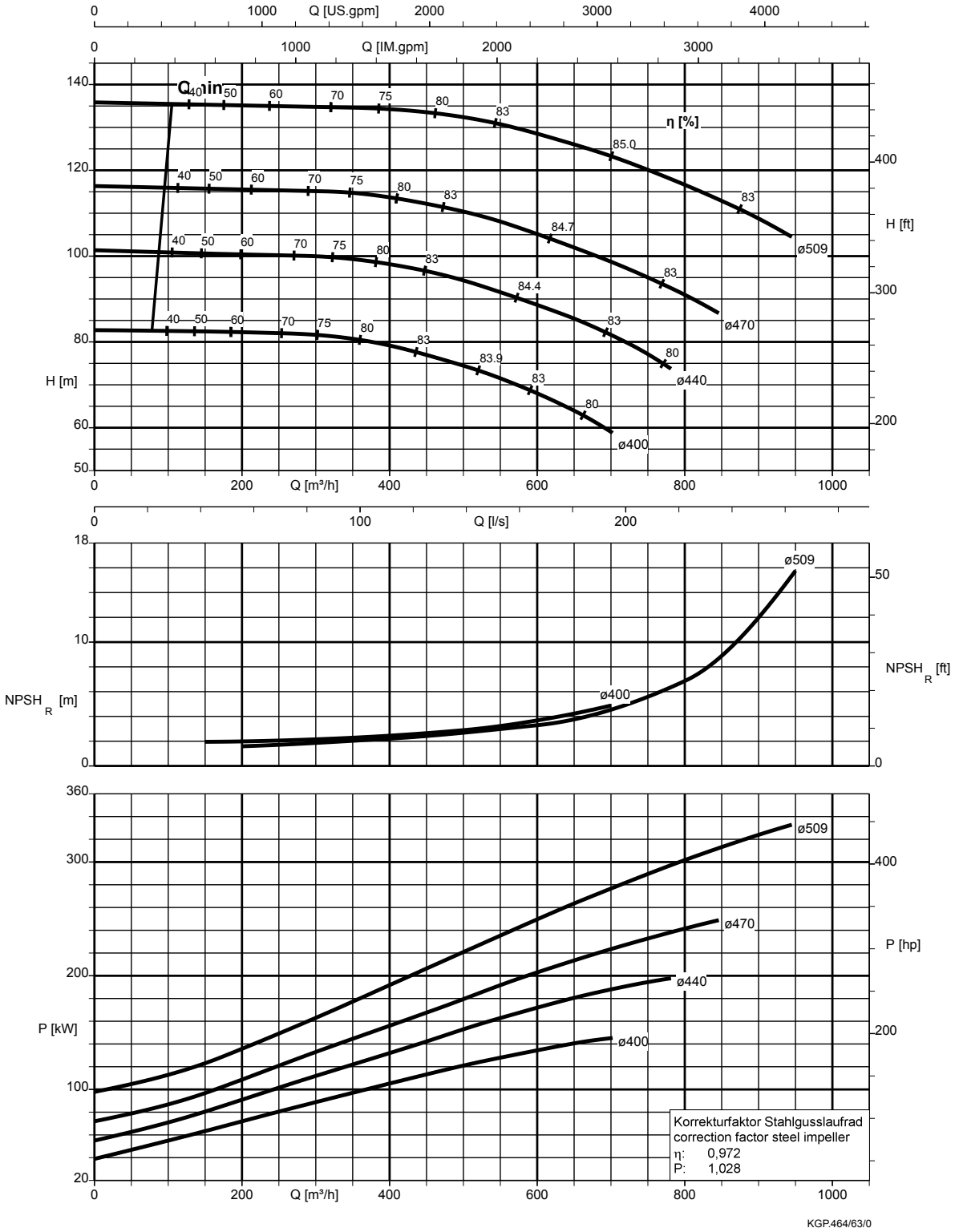
Meganorm 250-200-315, n = 1750 r.p.m.



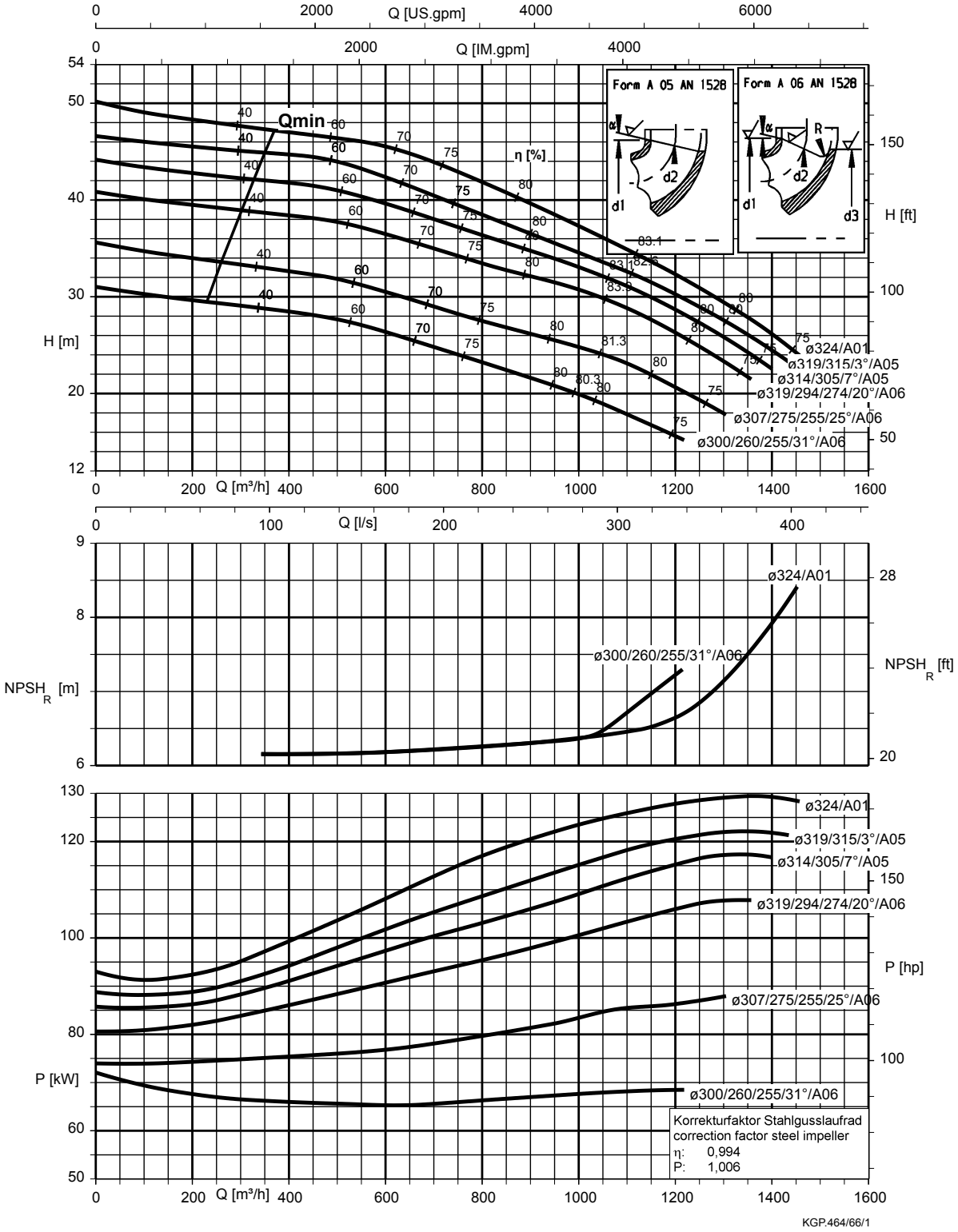
Meganorm 250-200-400, n = 1750 r.p.m.



Meganorm 250-200-500, n = 1750 r.p.m.

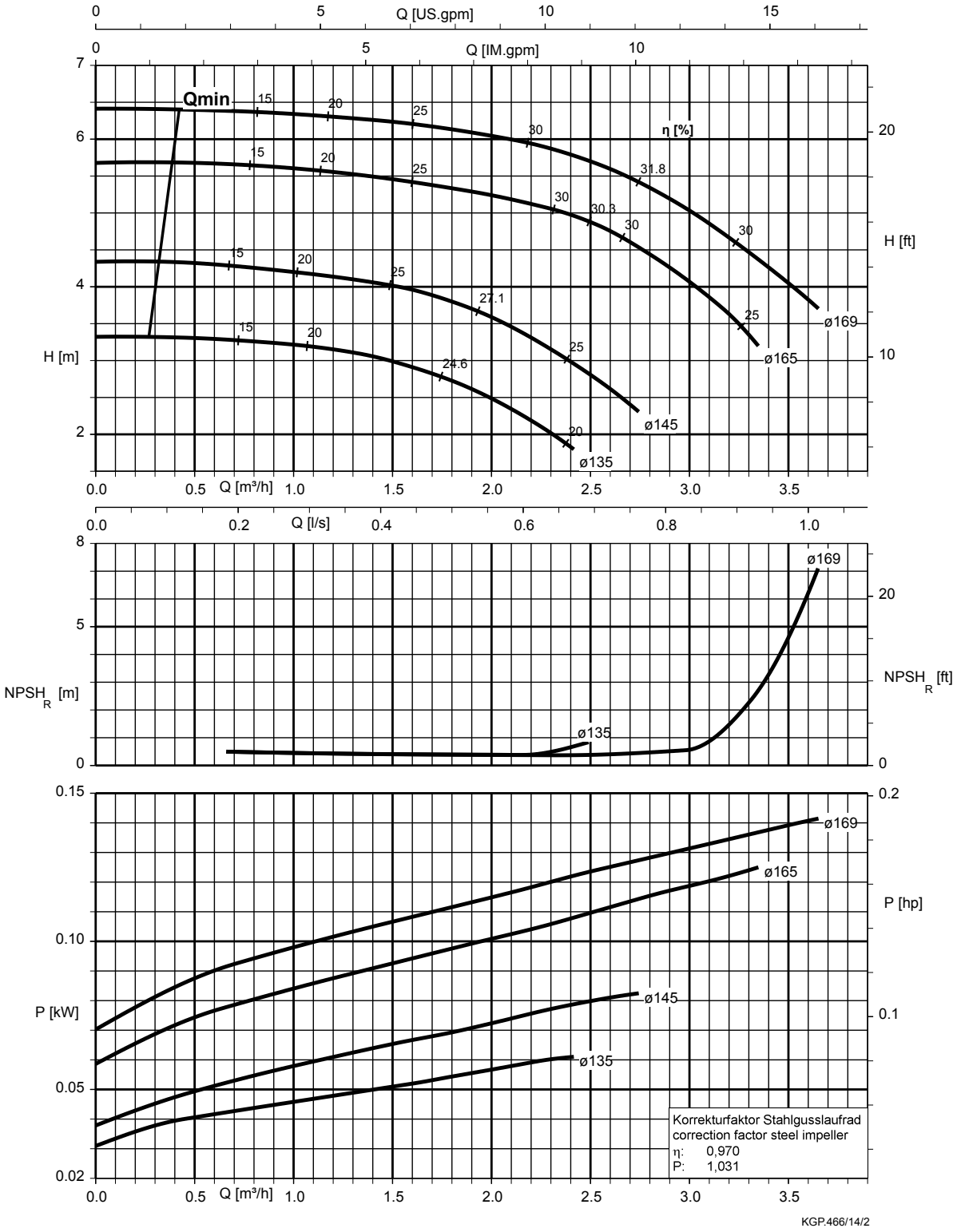


Meganorm 300-250-315, n = 1750 r.p.m.

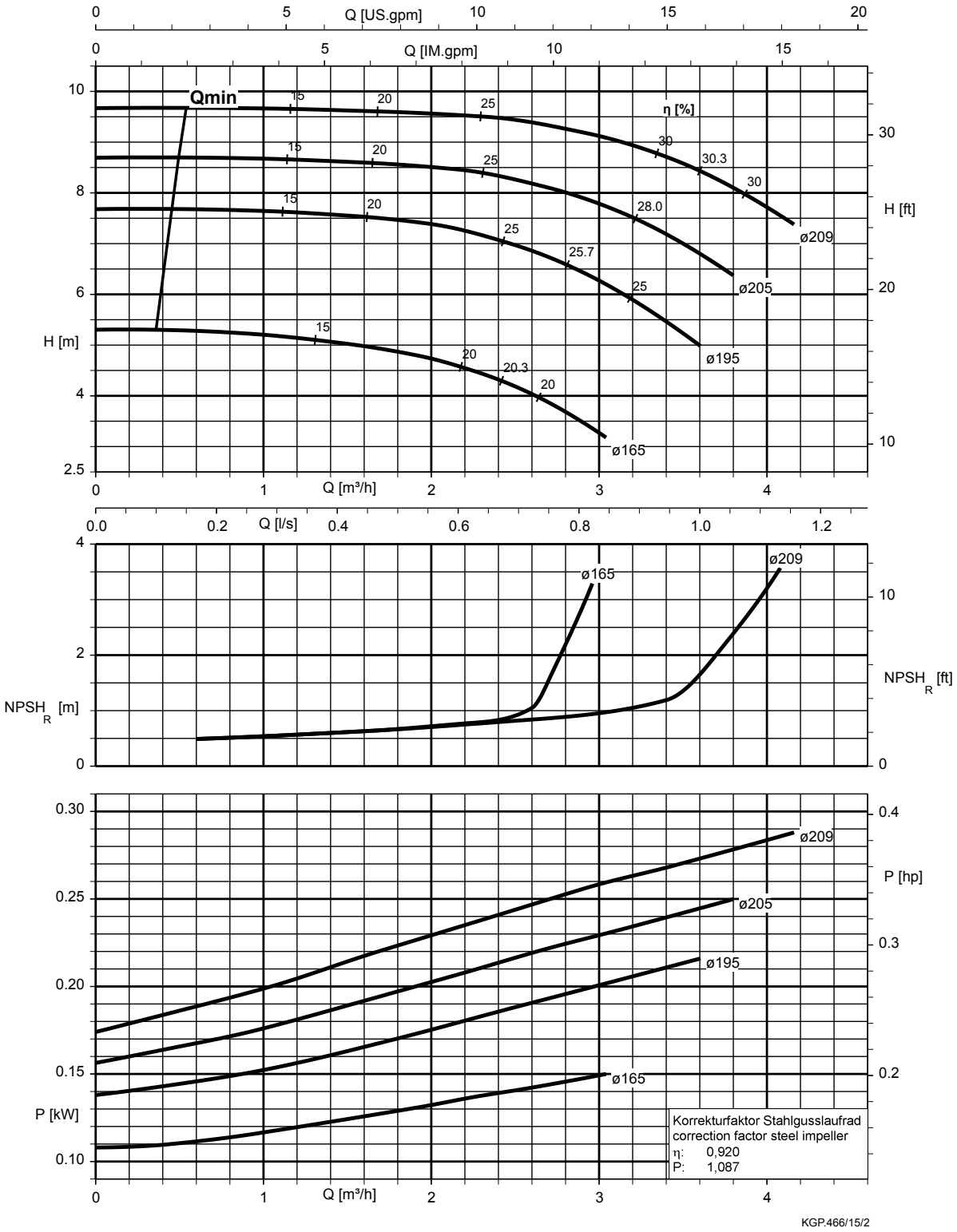


n = 1160 r.p.m.

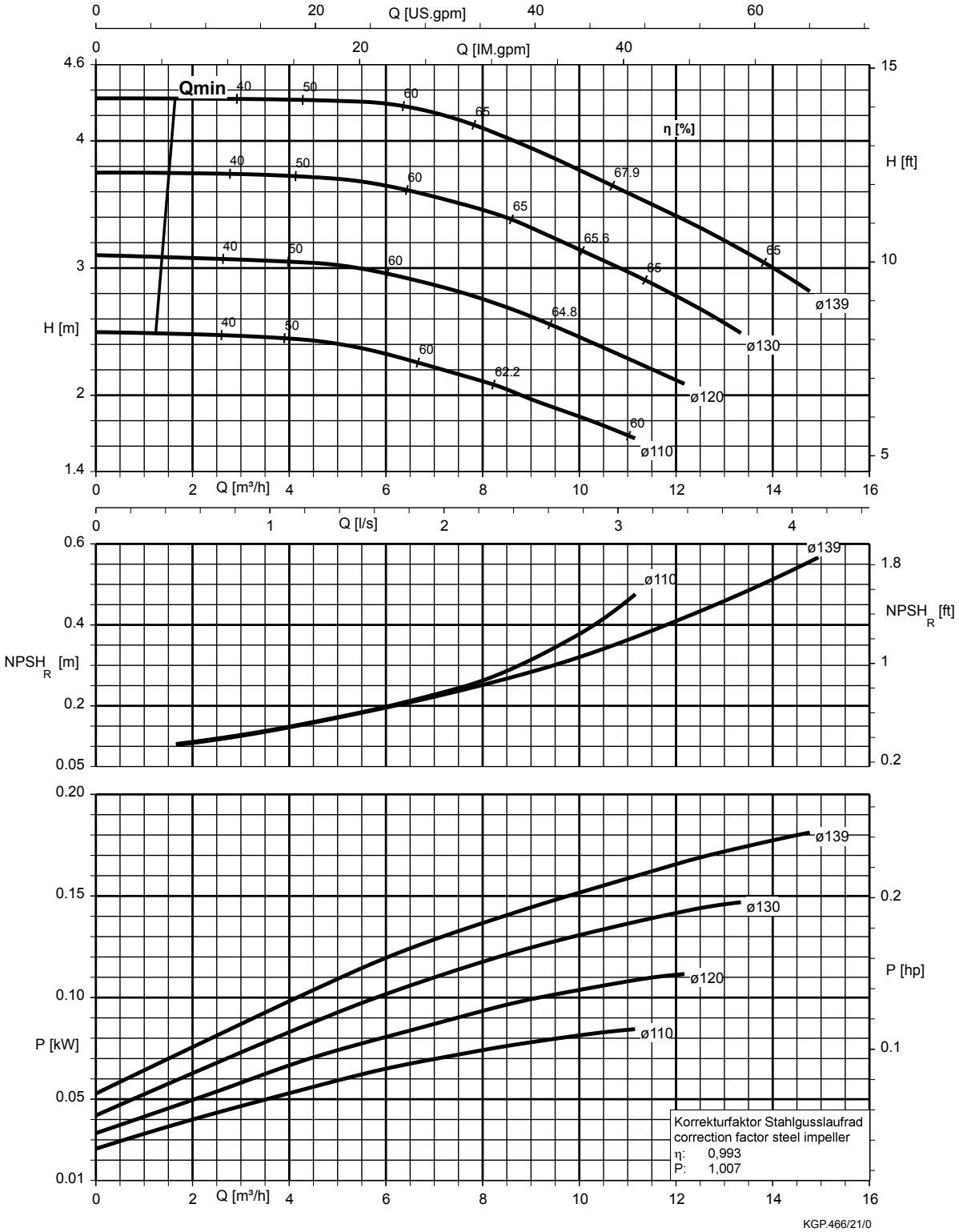
Meganorm 040-025-160, n = 1.160 rpm



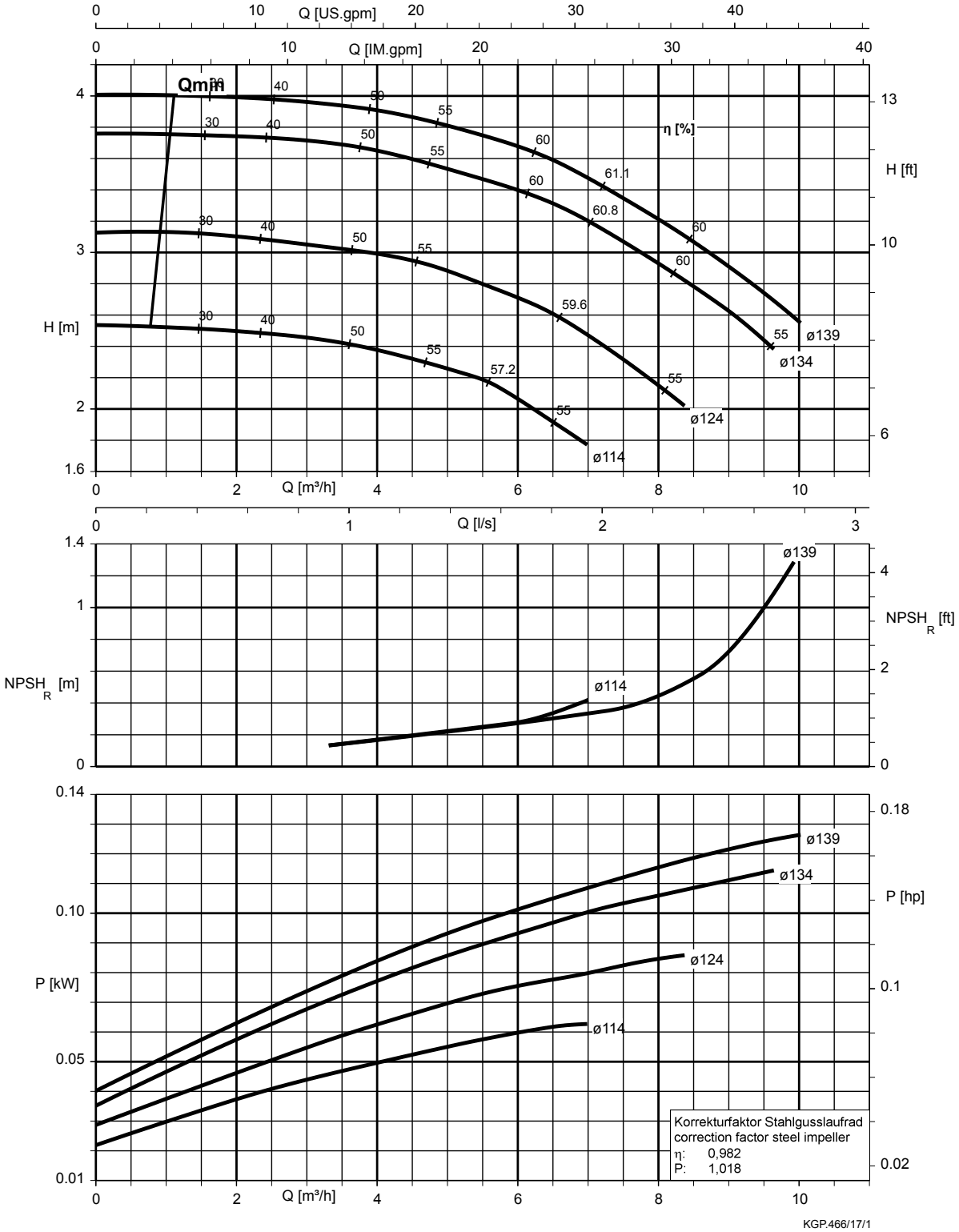
Meganorm 040-025-200, n = 1.160 rpm



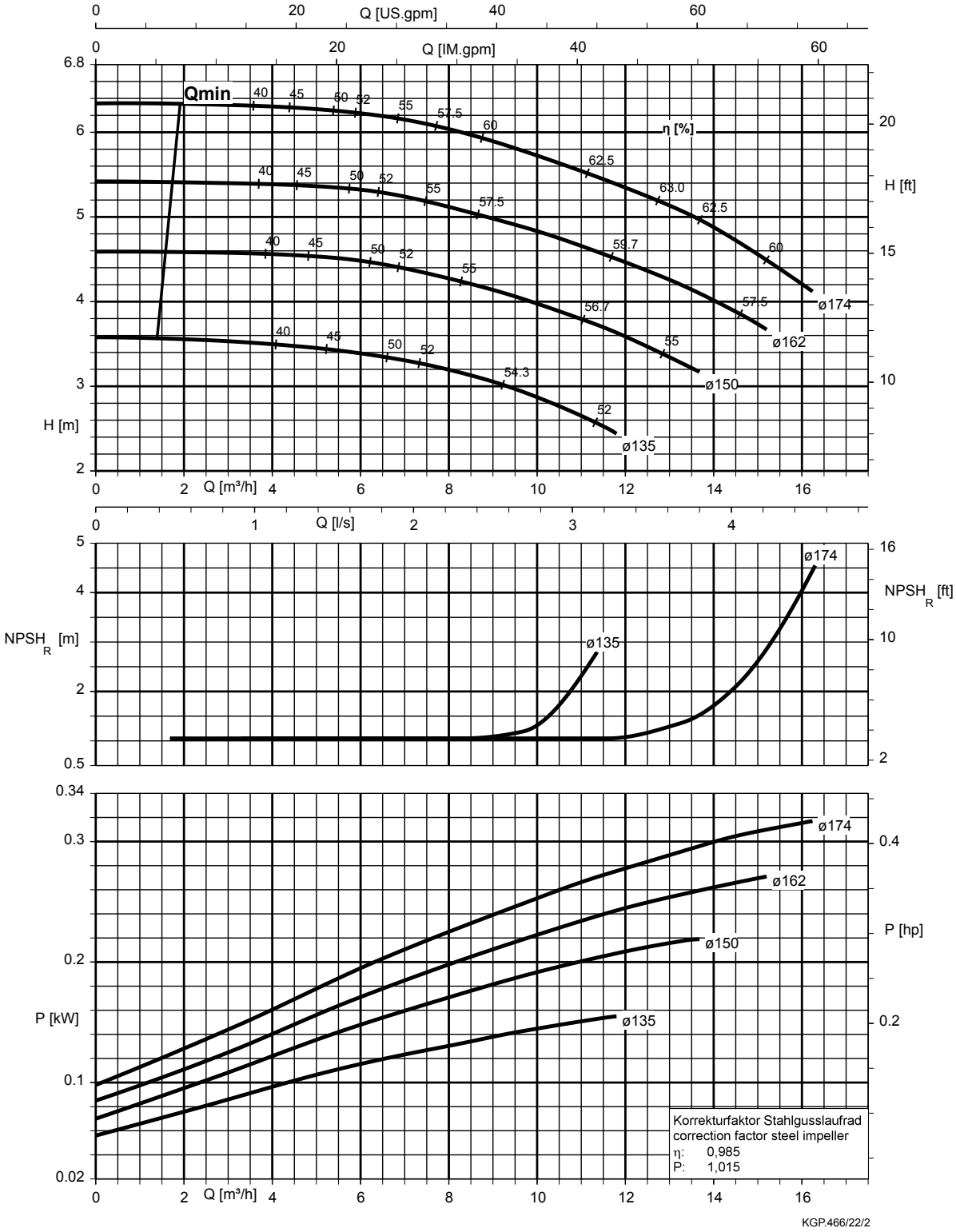
Meganorm 050-032-125, n = 1.160 rpm



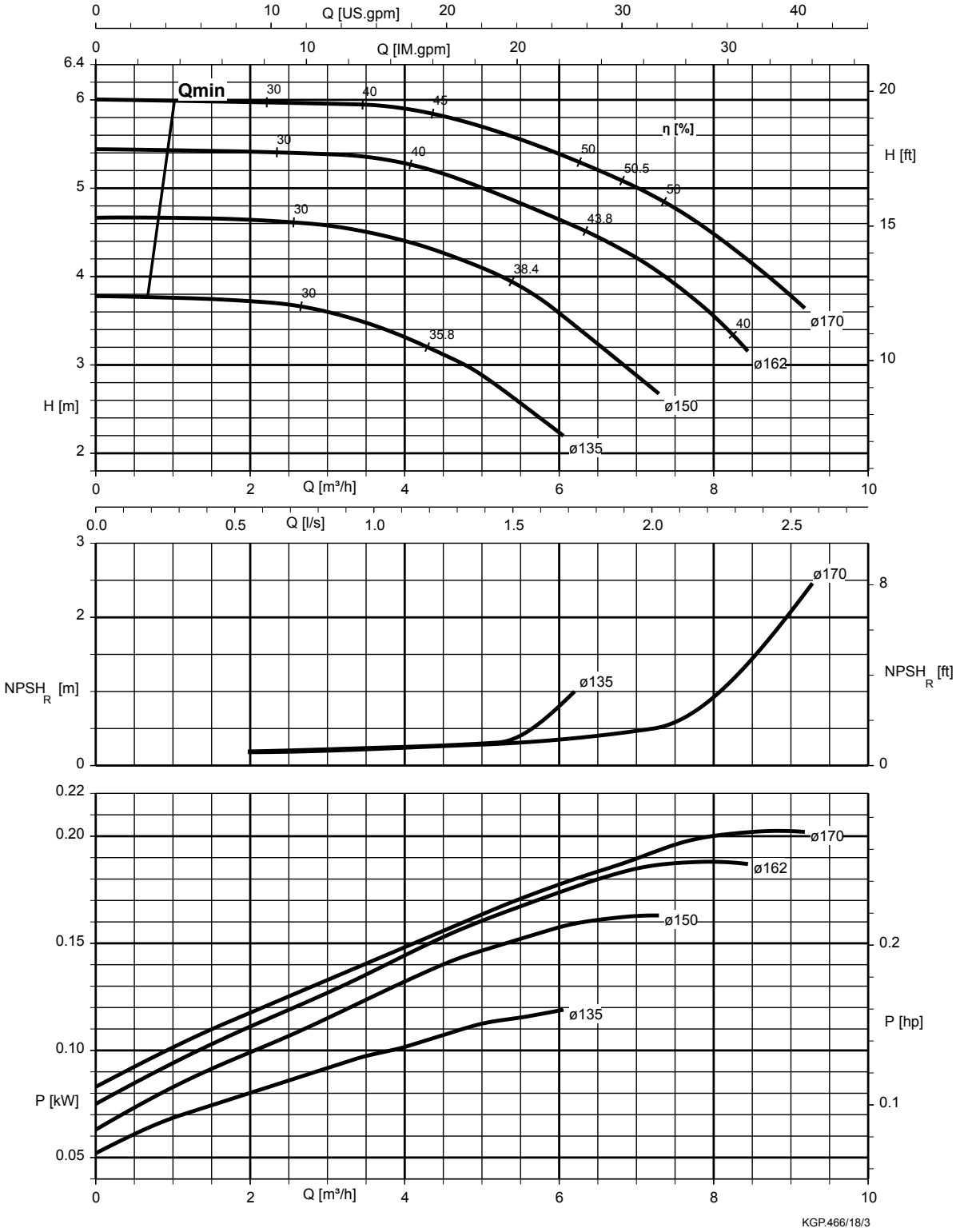
Meganorm 050-032-125.1, n = 1.160 rpm



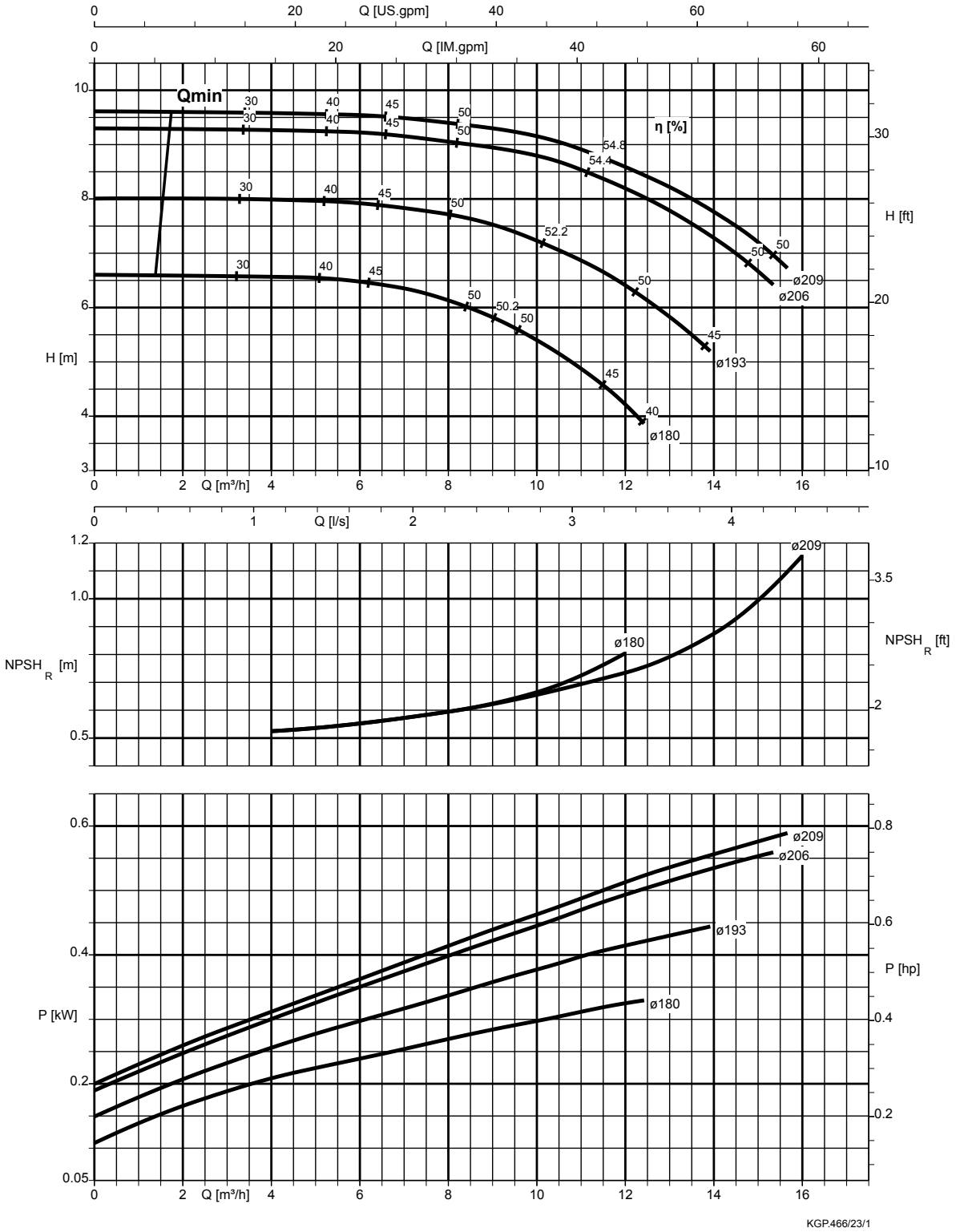
Meganorm 050-032-160, n = 1.160 rpm



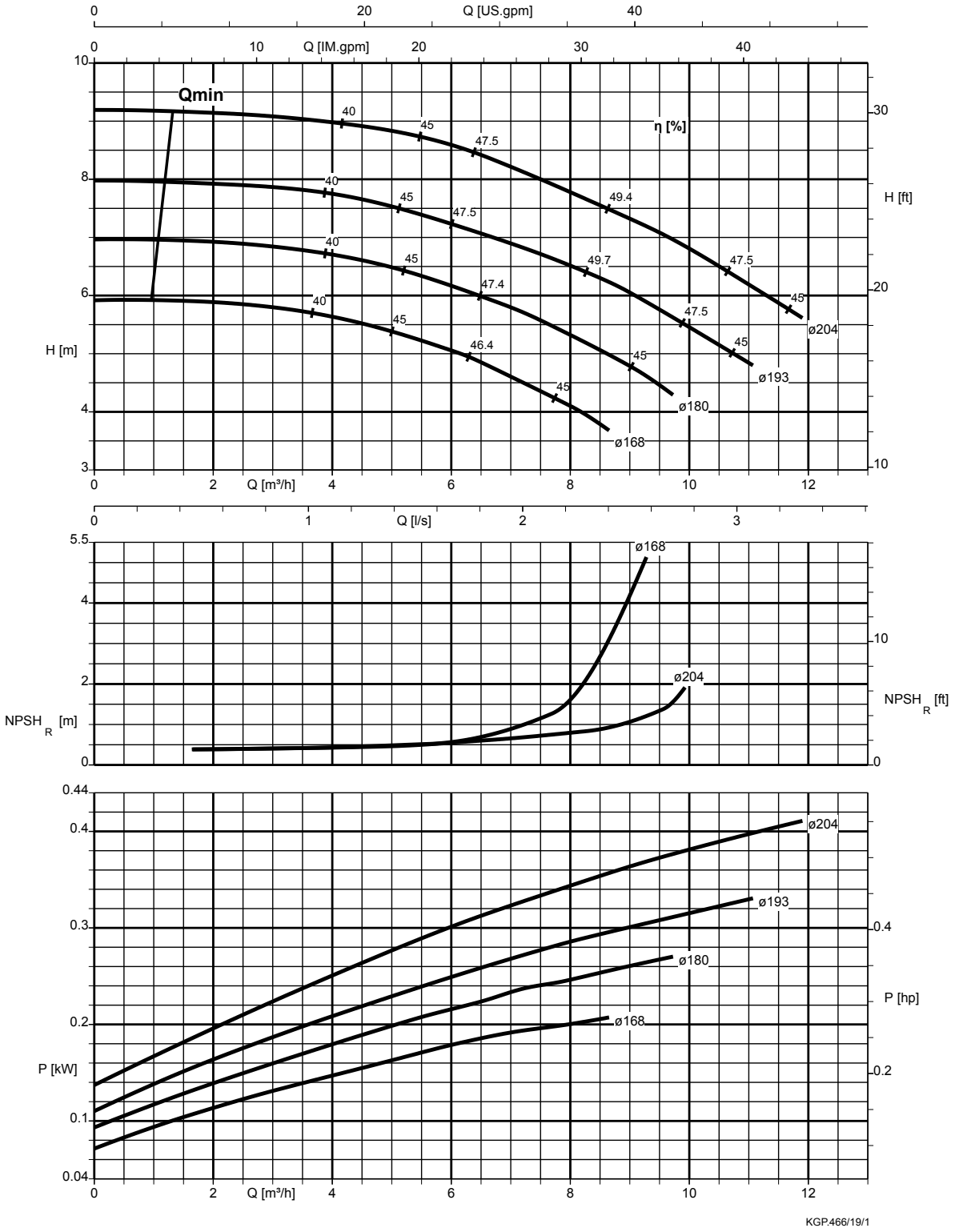
Meganorm 050-032-160.1, n = 1.160 rpm



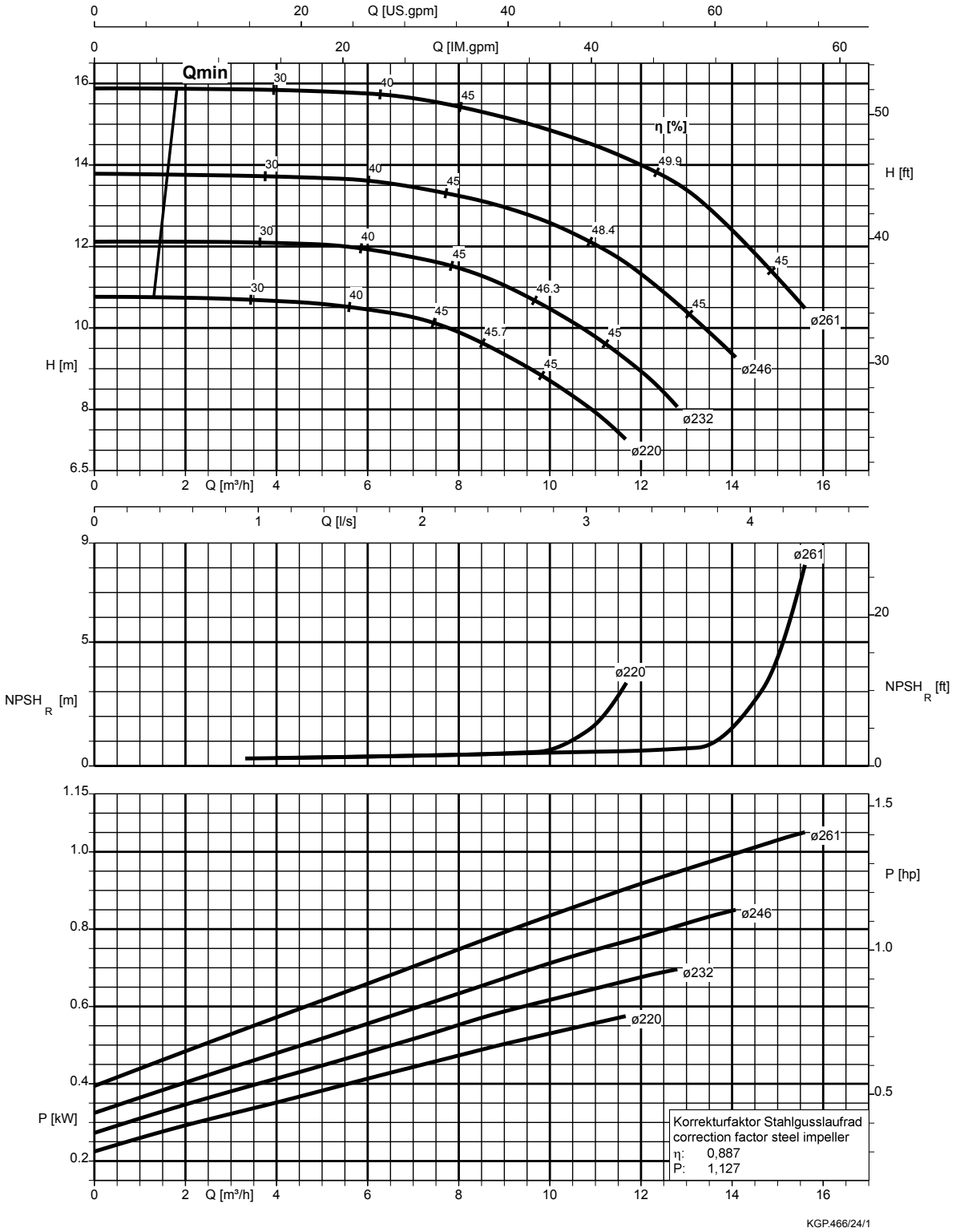
Meganorm 050-032-200, n = 1.160 rpm



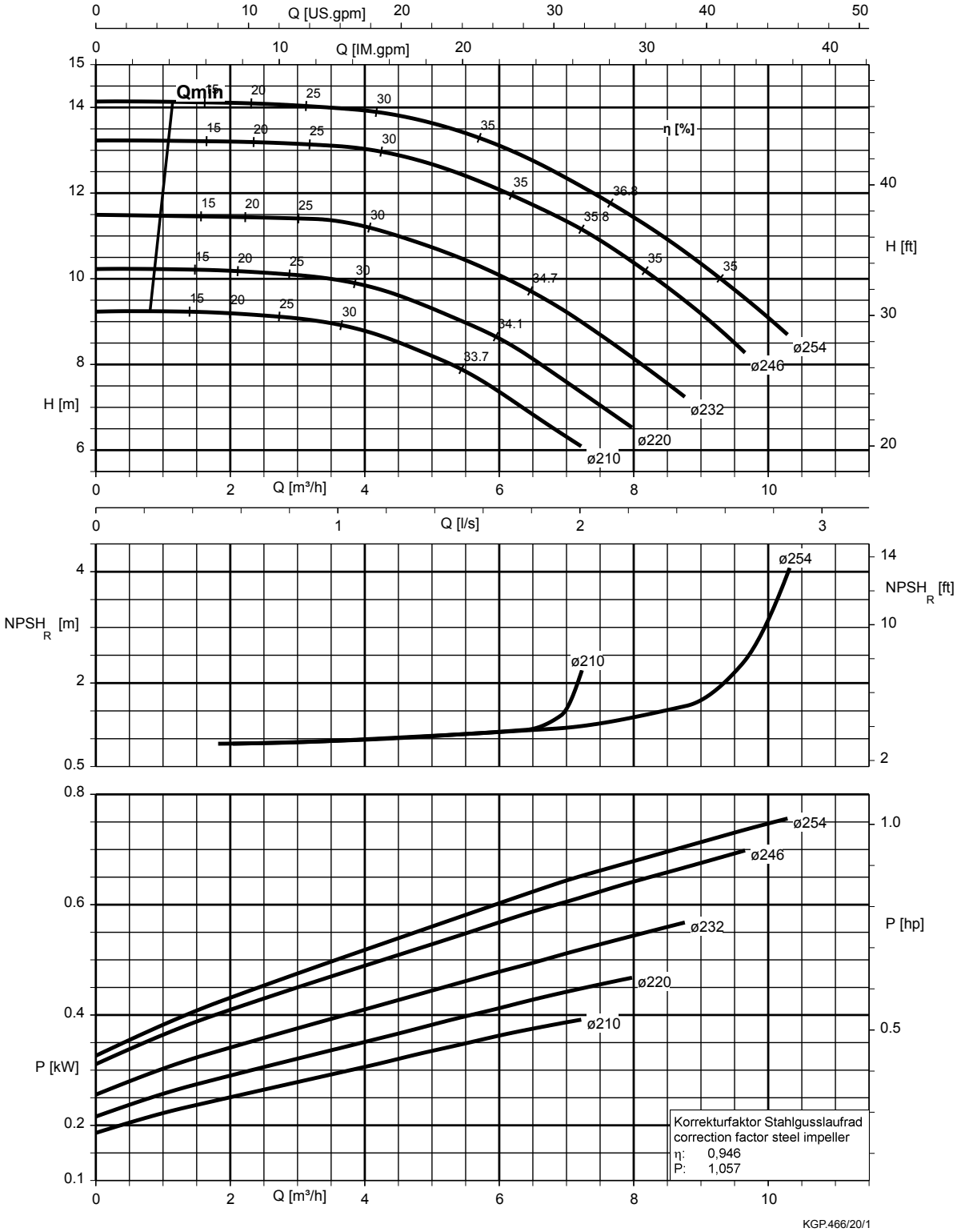
Meganorm 050-032-200.1, n = 1.160 rpm



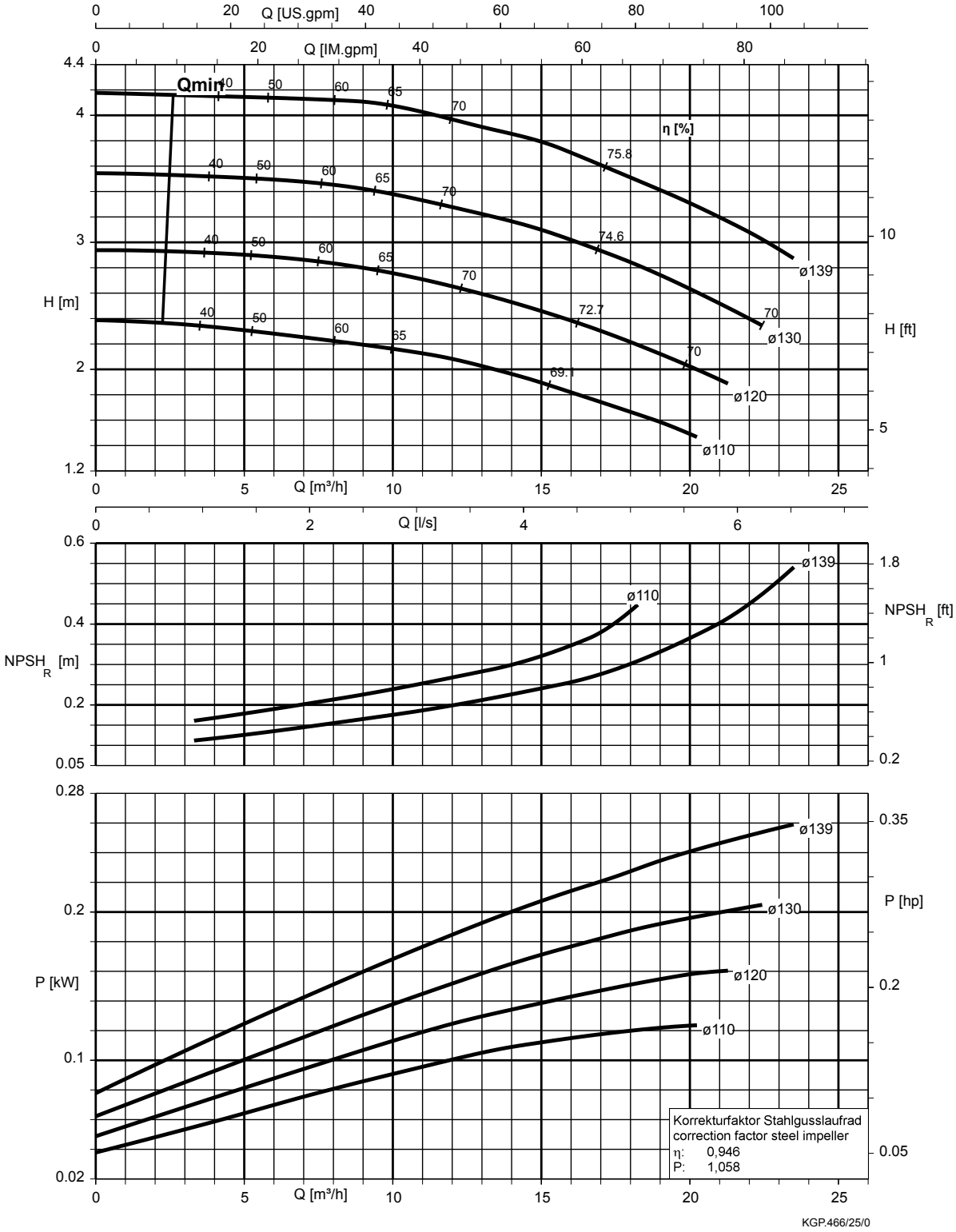
Meganorm 050-032-250, n = 1.160 rpm



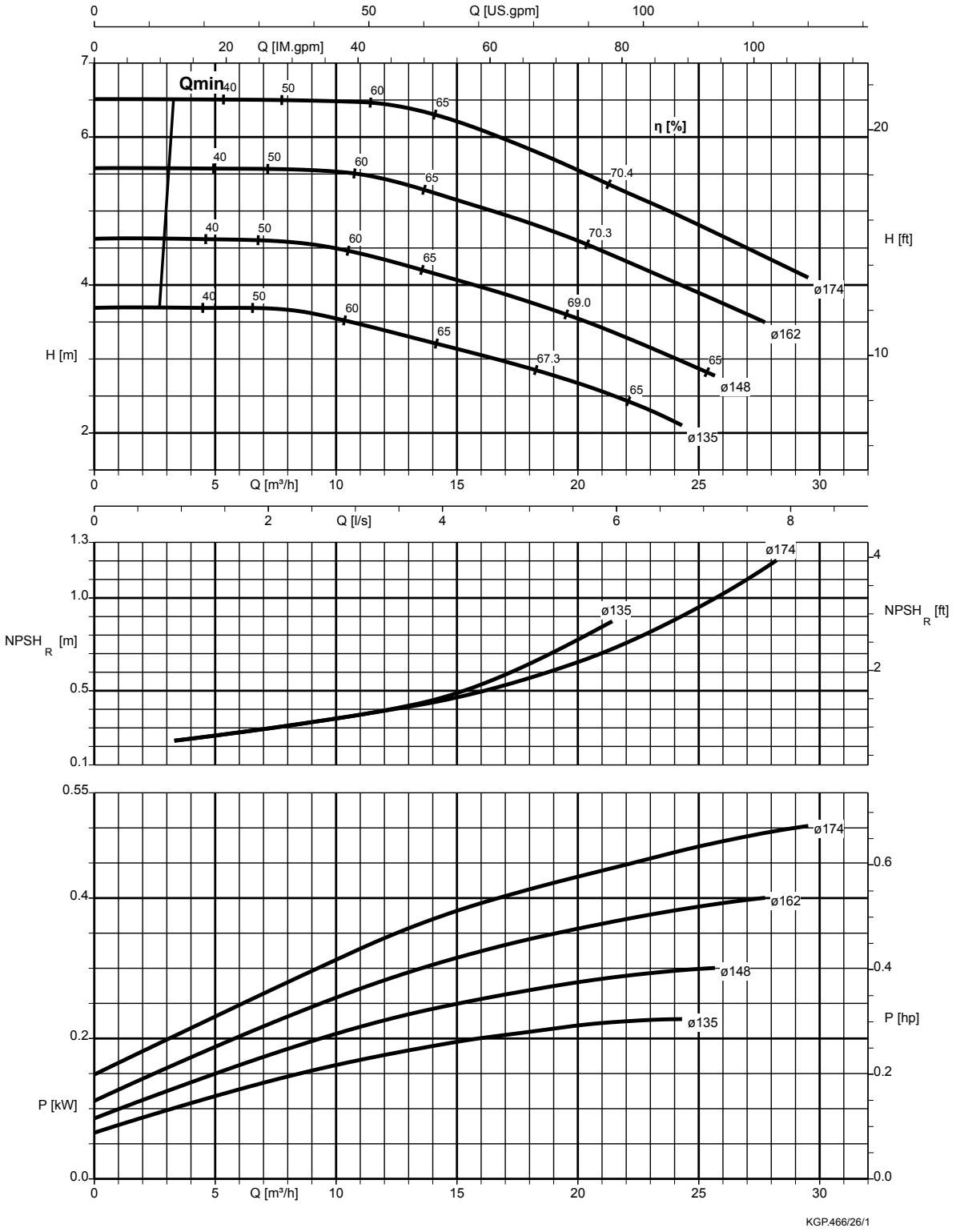
Meganorm 050-032-250.1, n = 1.160 rpm



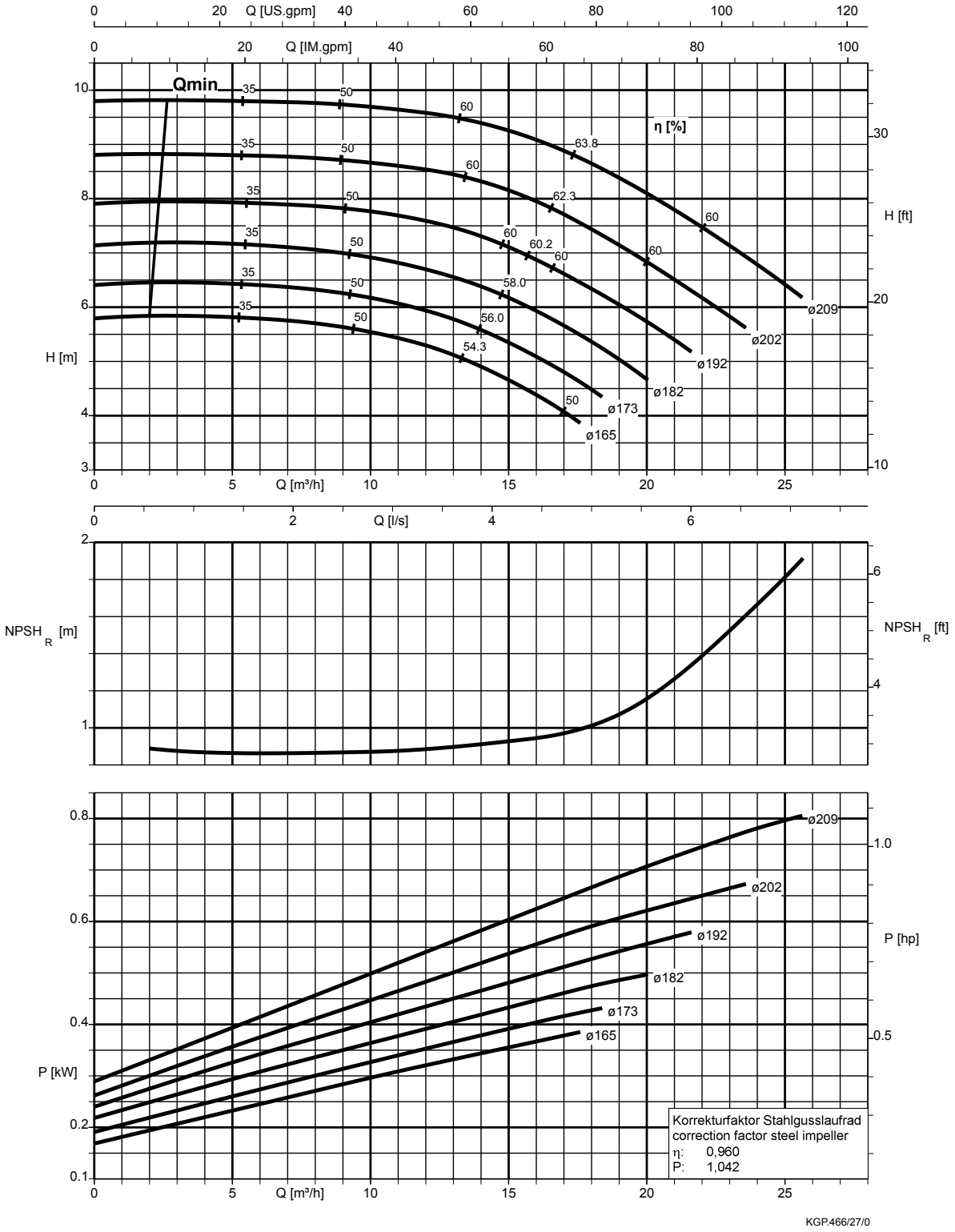
Meganorm 065-040-125, n = 1.160 rpm



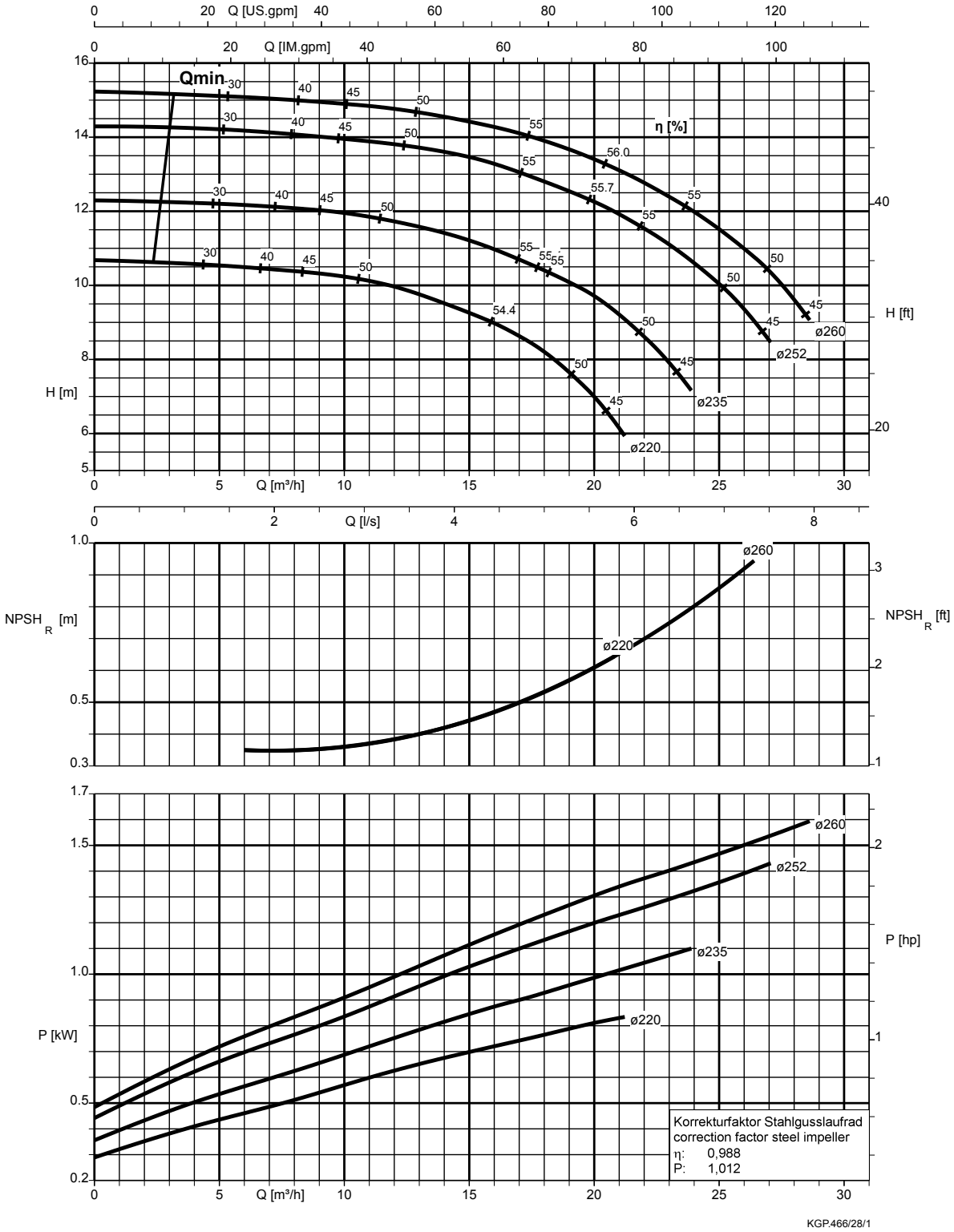
Meganorm 065-040-160, n = 1.160 rpm



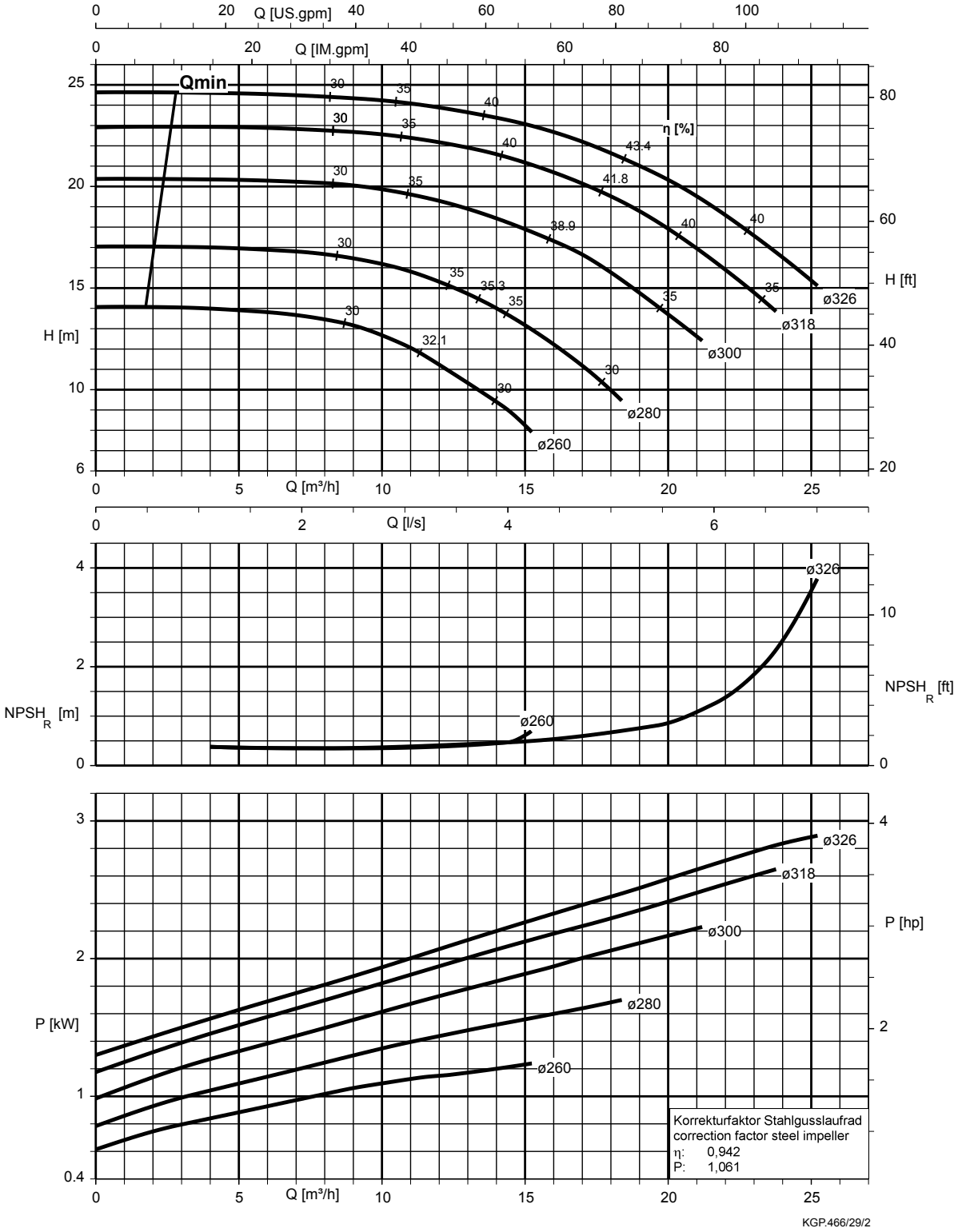
Meganorm 065-040-200, n = 1.160 rpm



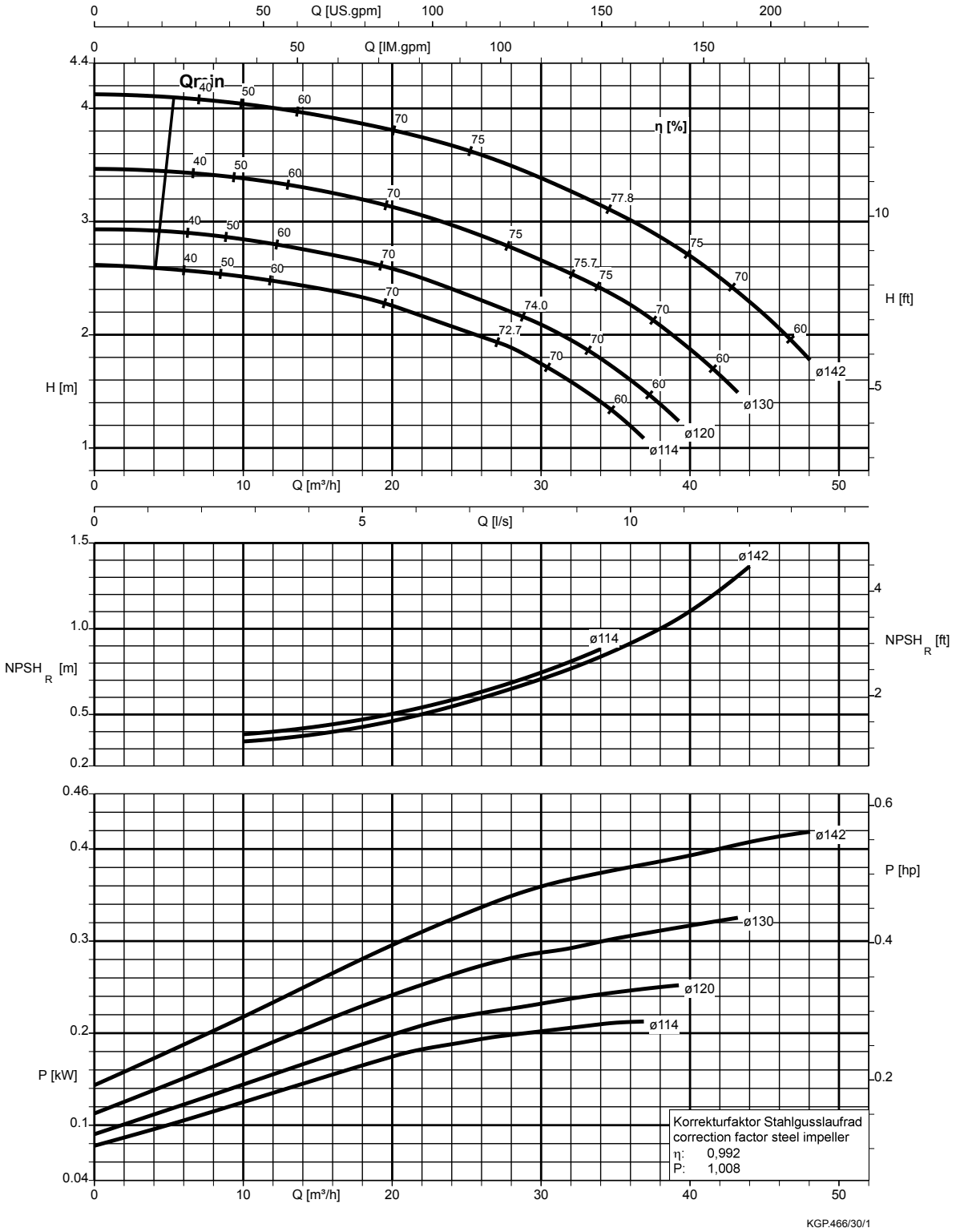
Meganorm 065-040-250, n = 1.160 rpm



Meganorm 065-040-315, n = 1.160 rpm



Meganorm 080-050-125, n = 1.160 rpm



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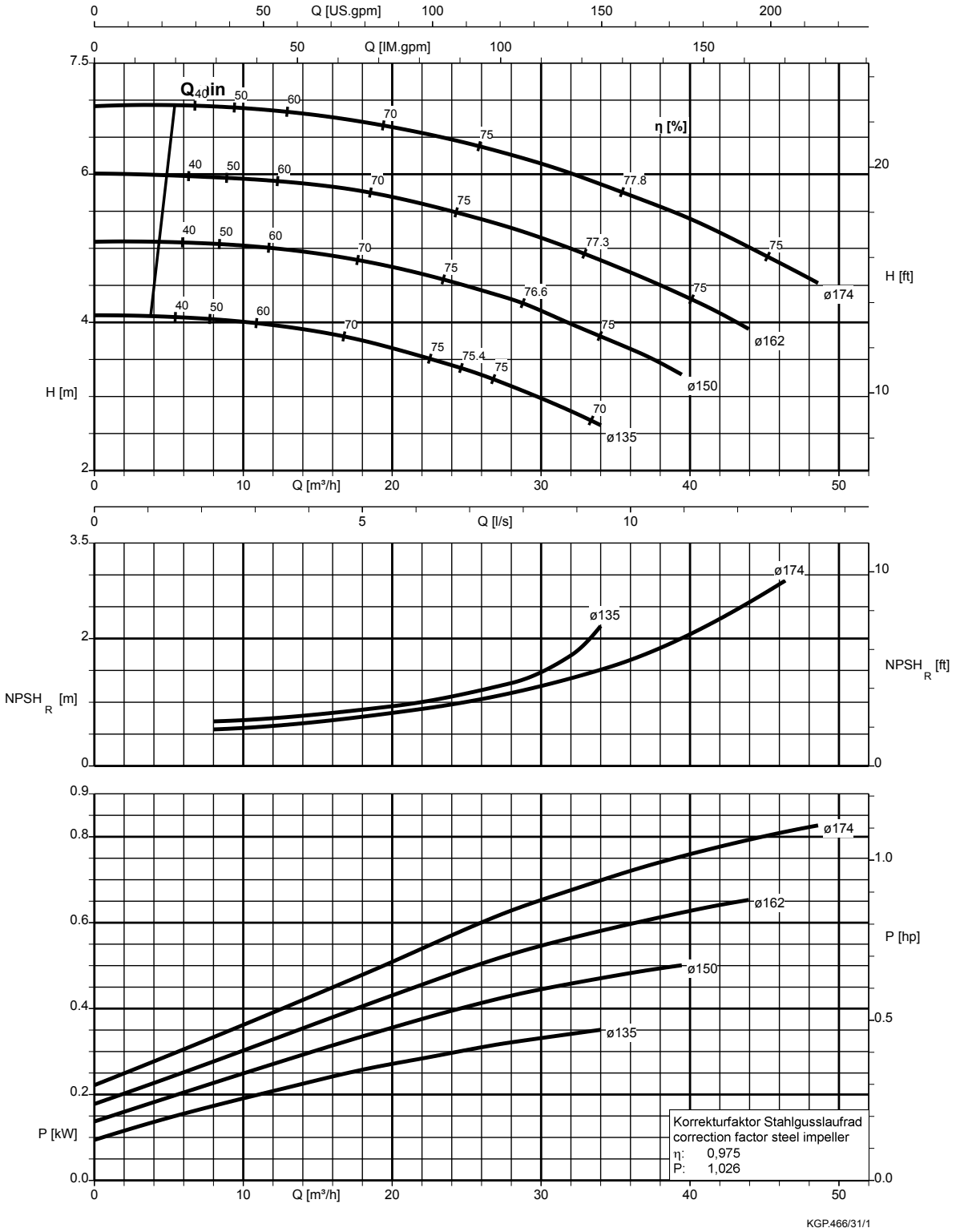
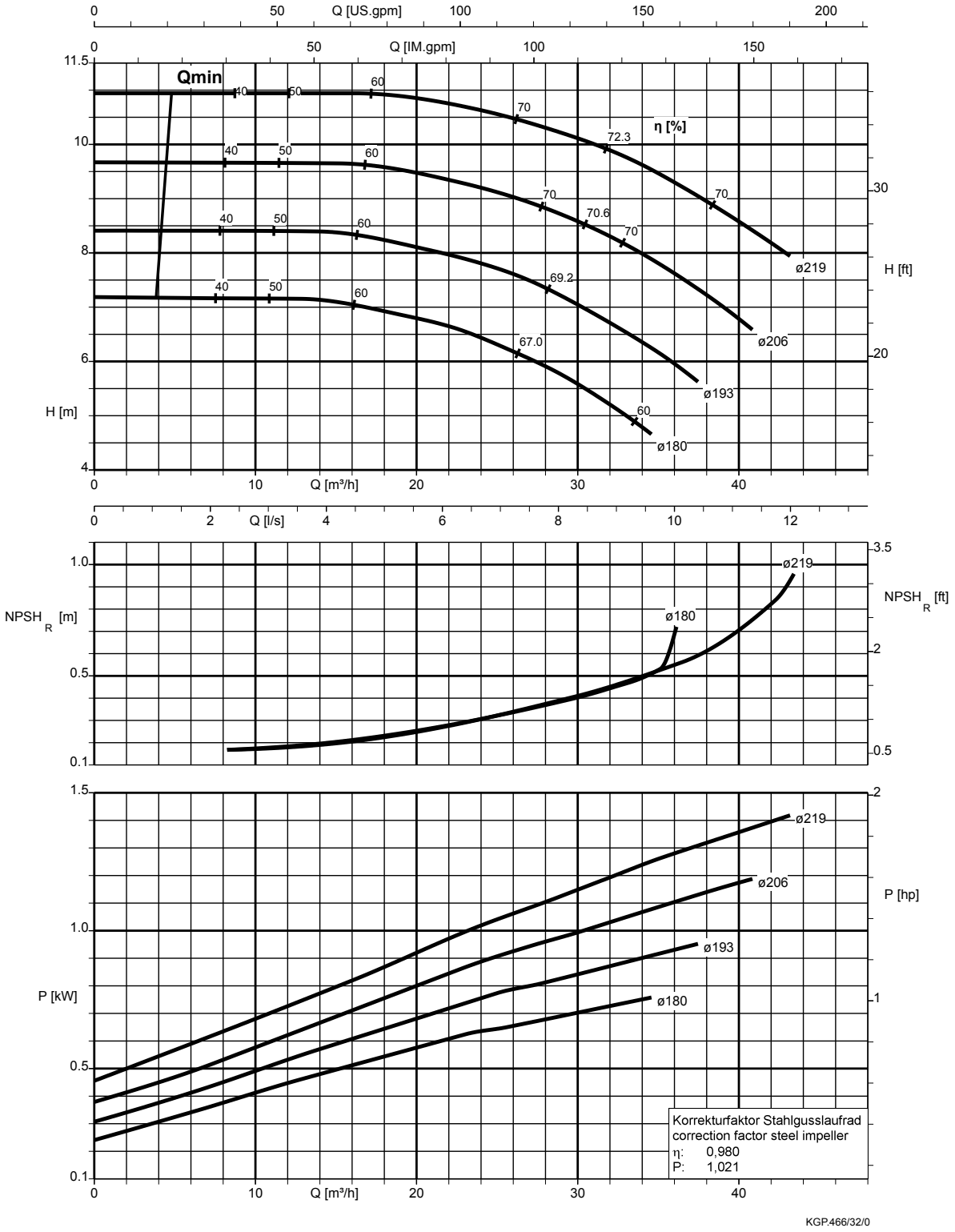


Meganorm 080-050-200, n = 1.160 rpm



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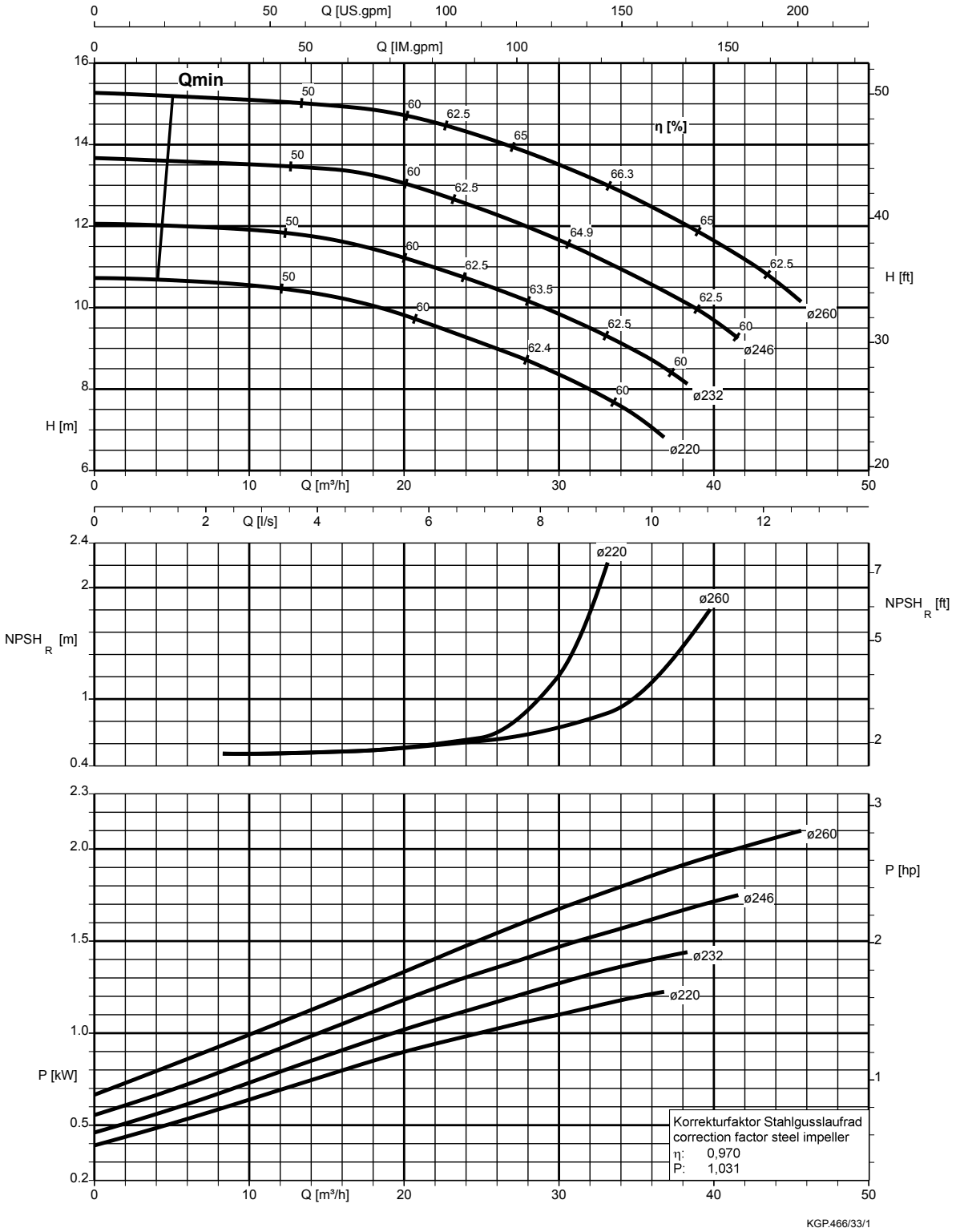

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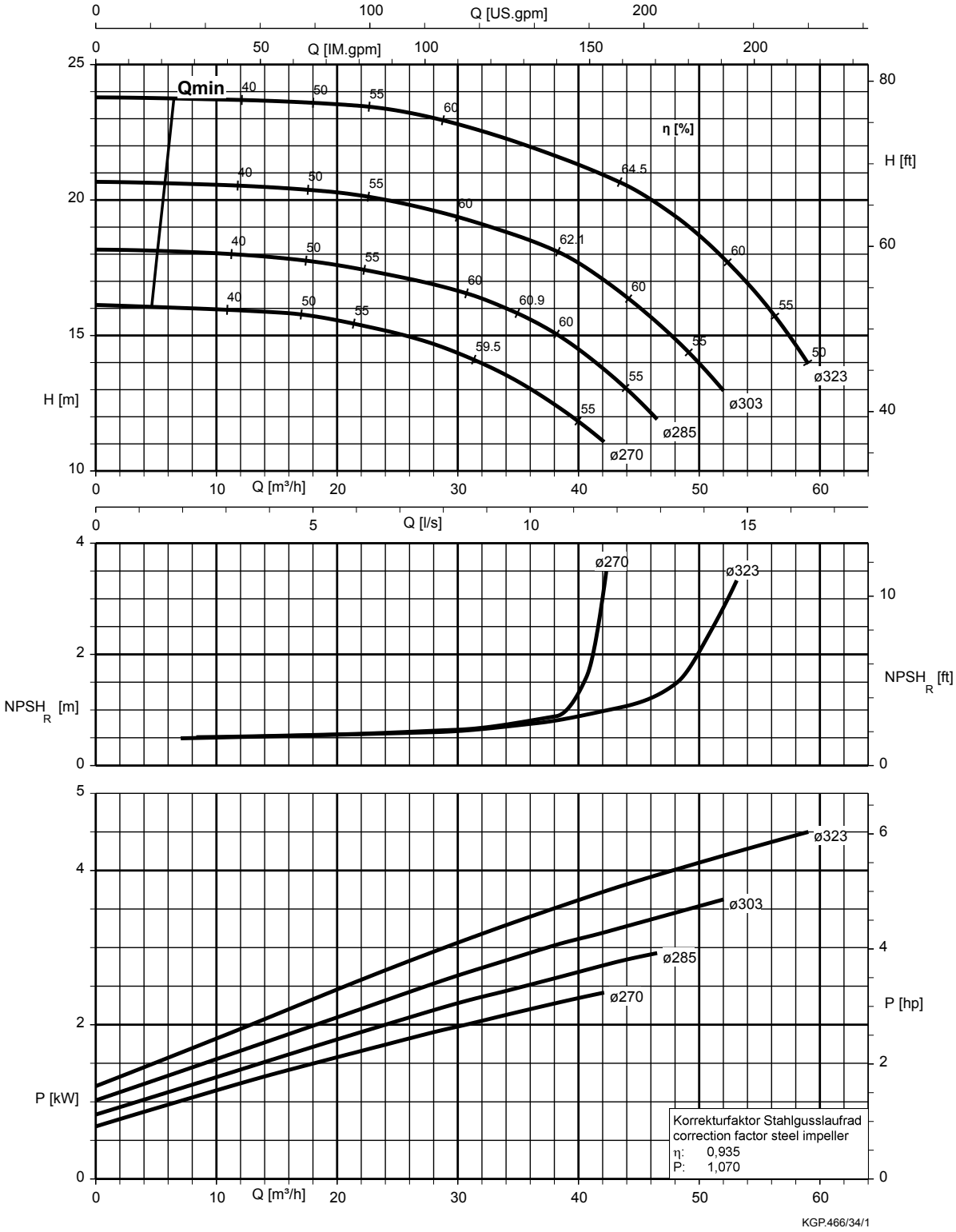
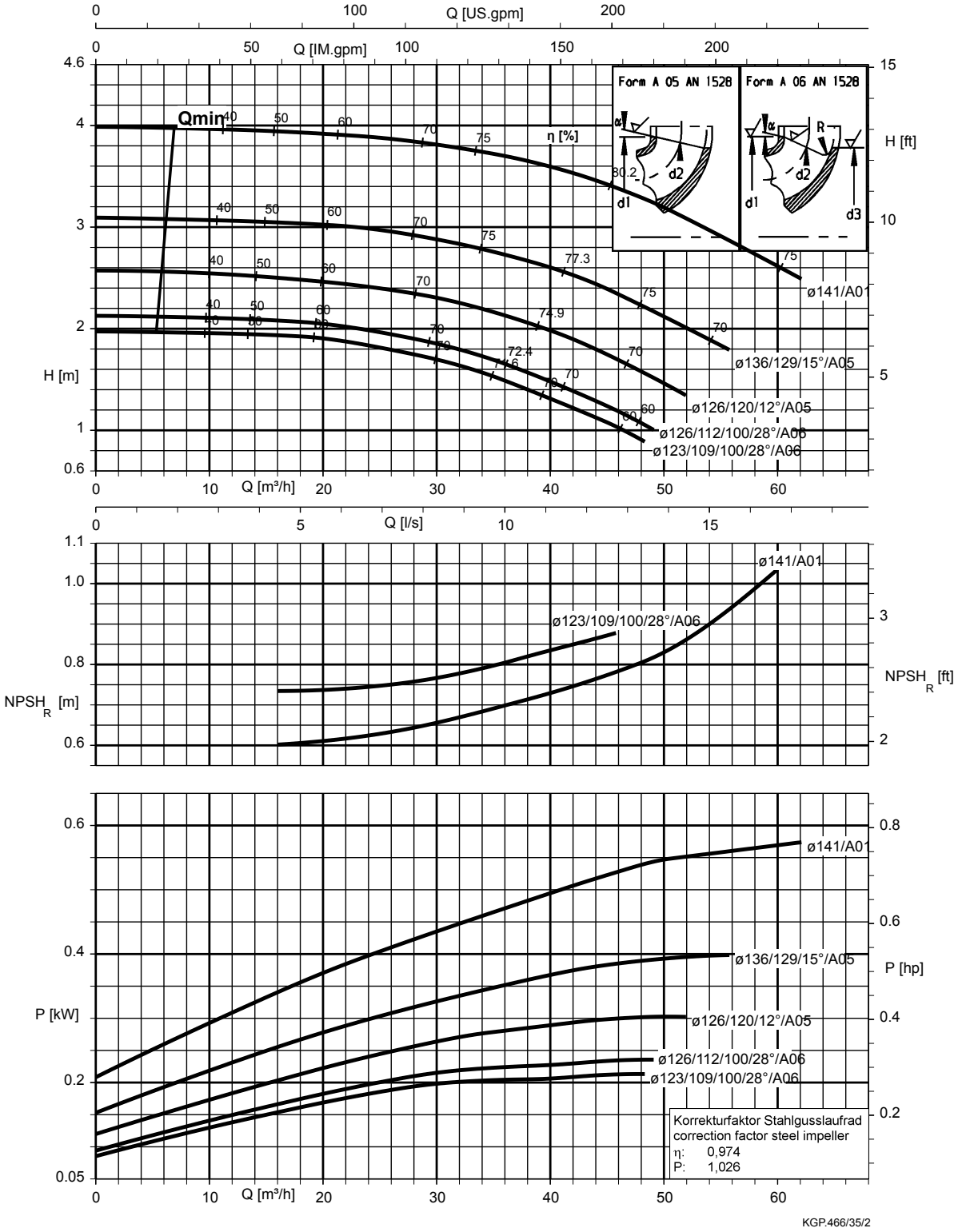
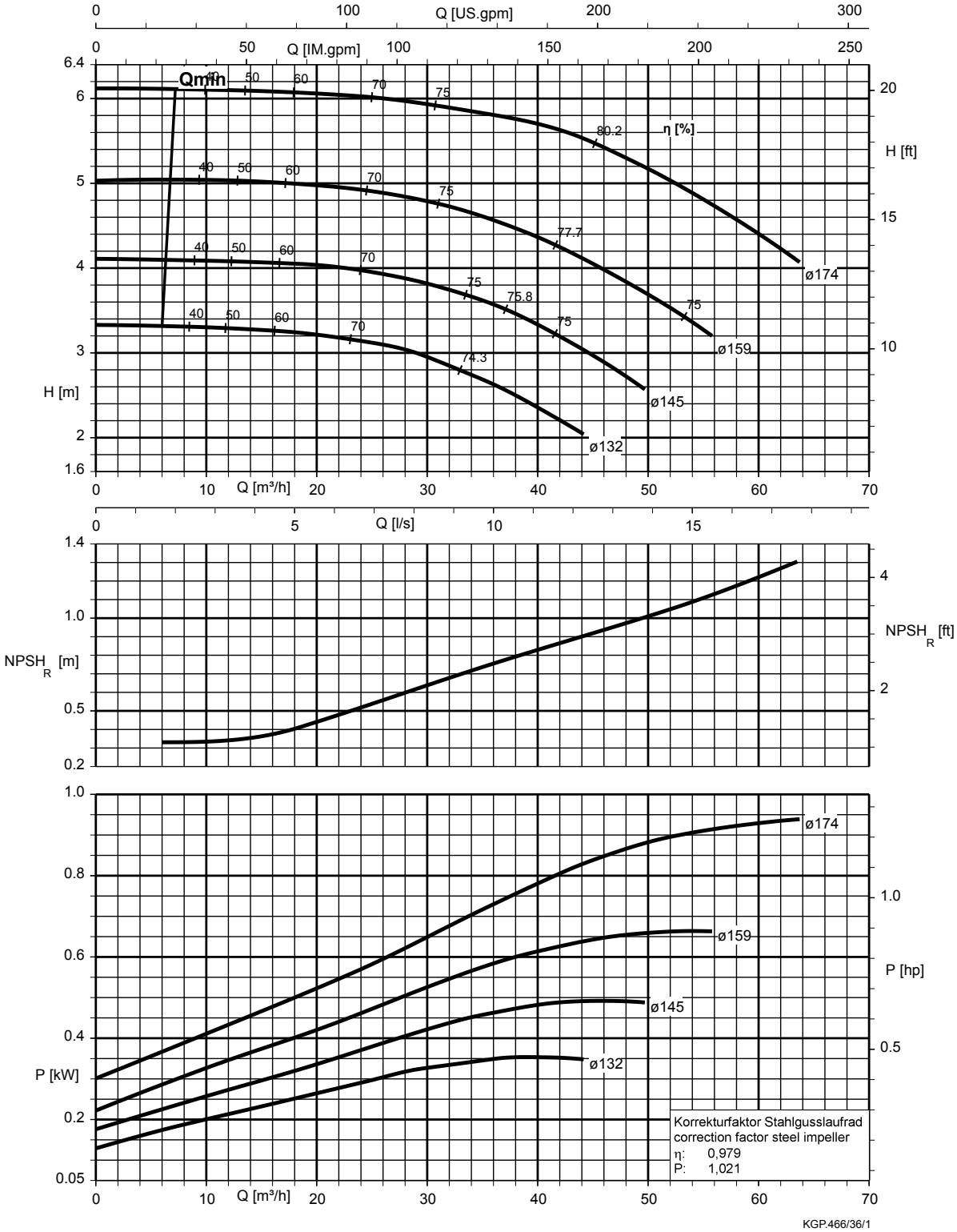


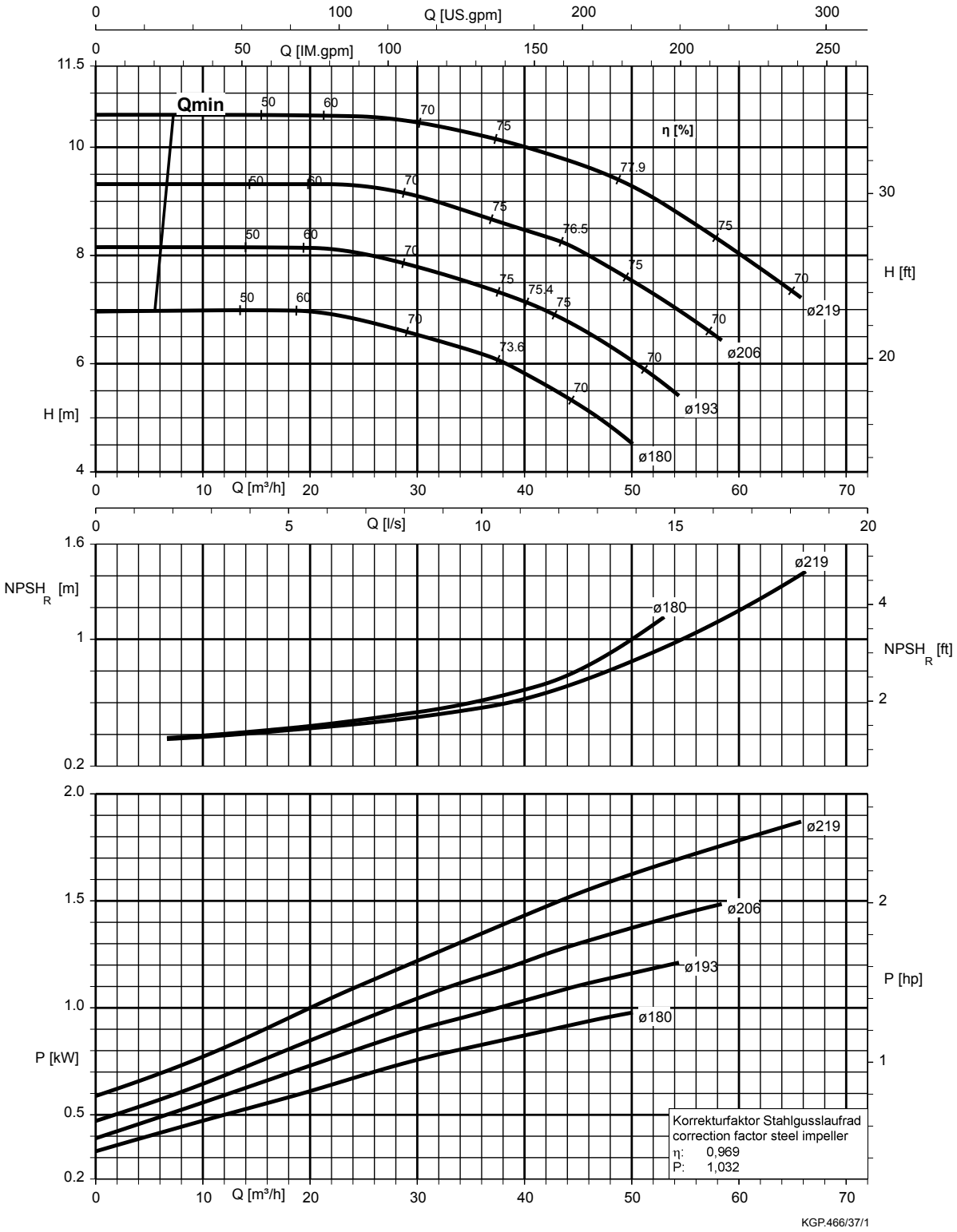
Meganorm 100-065-125, n = 1.160 rpm



Meganorm 100-065-160, n = 1.160 rpm



Meganorm 100-065-200, n = 1.160 rpm



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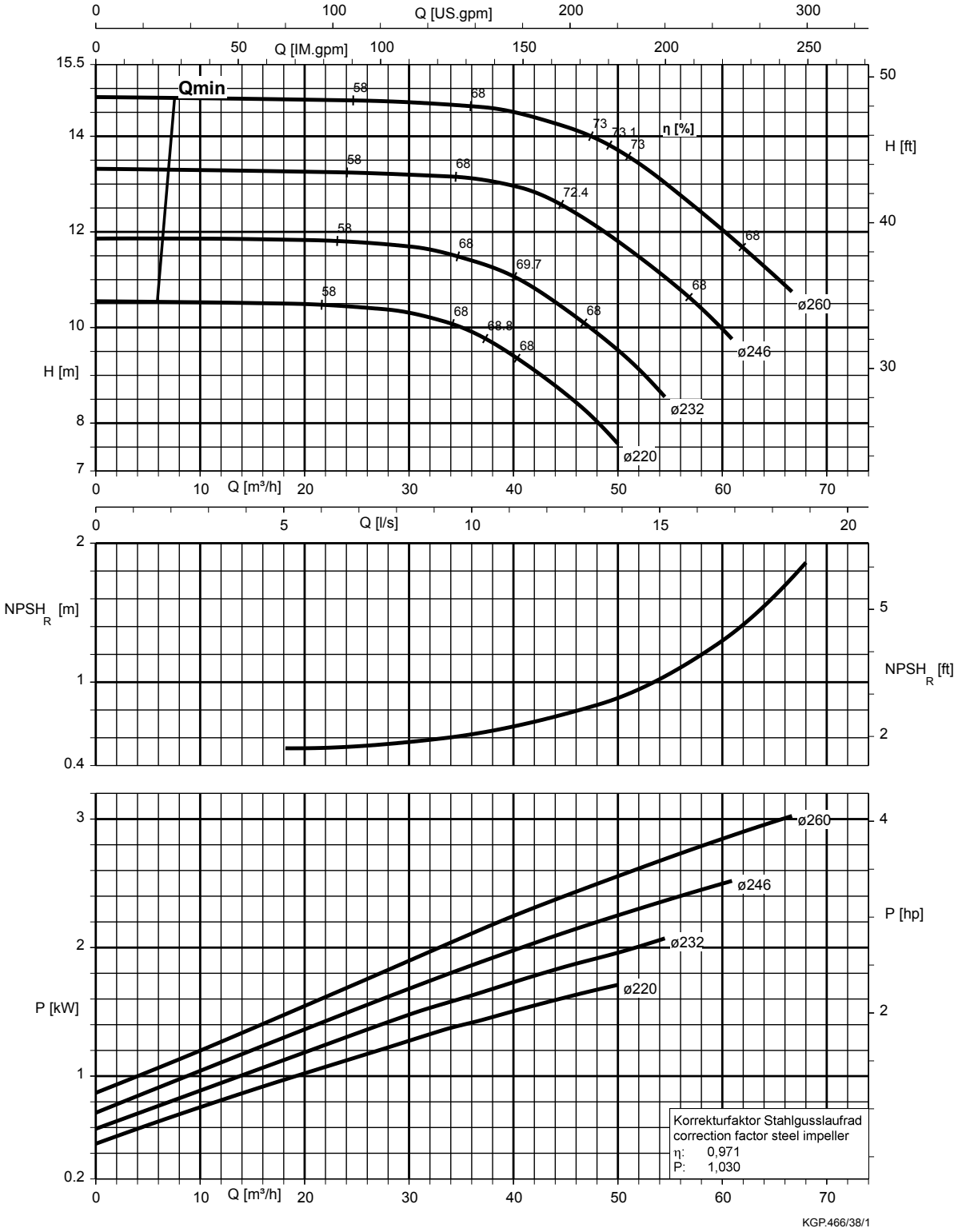

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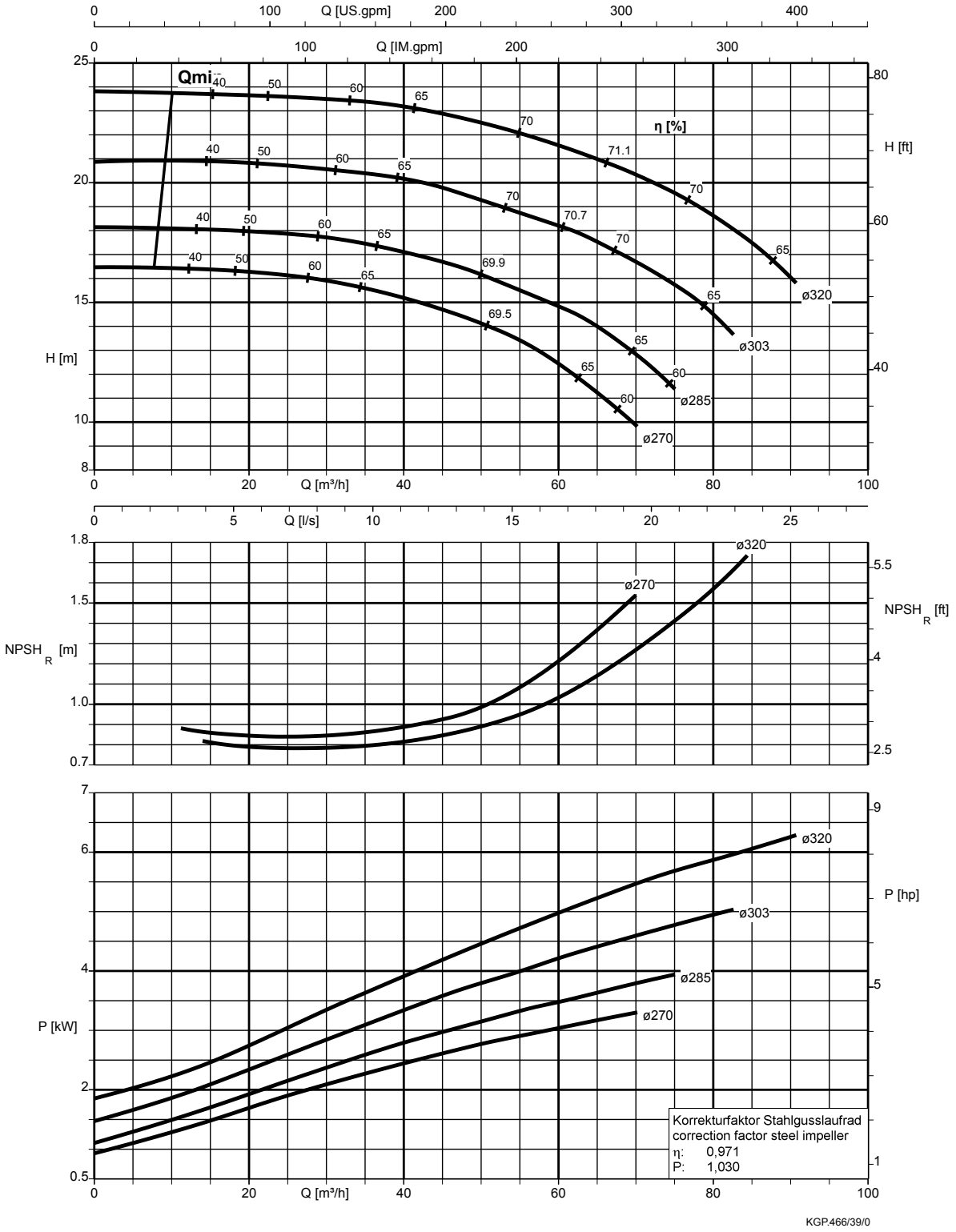
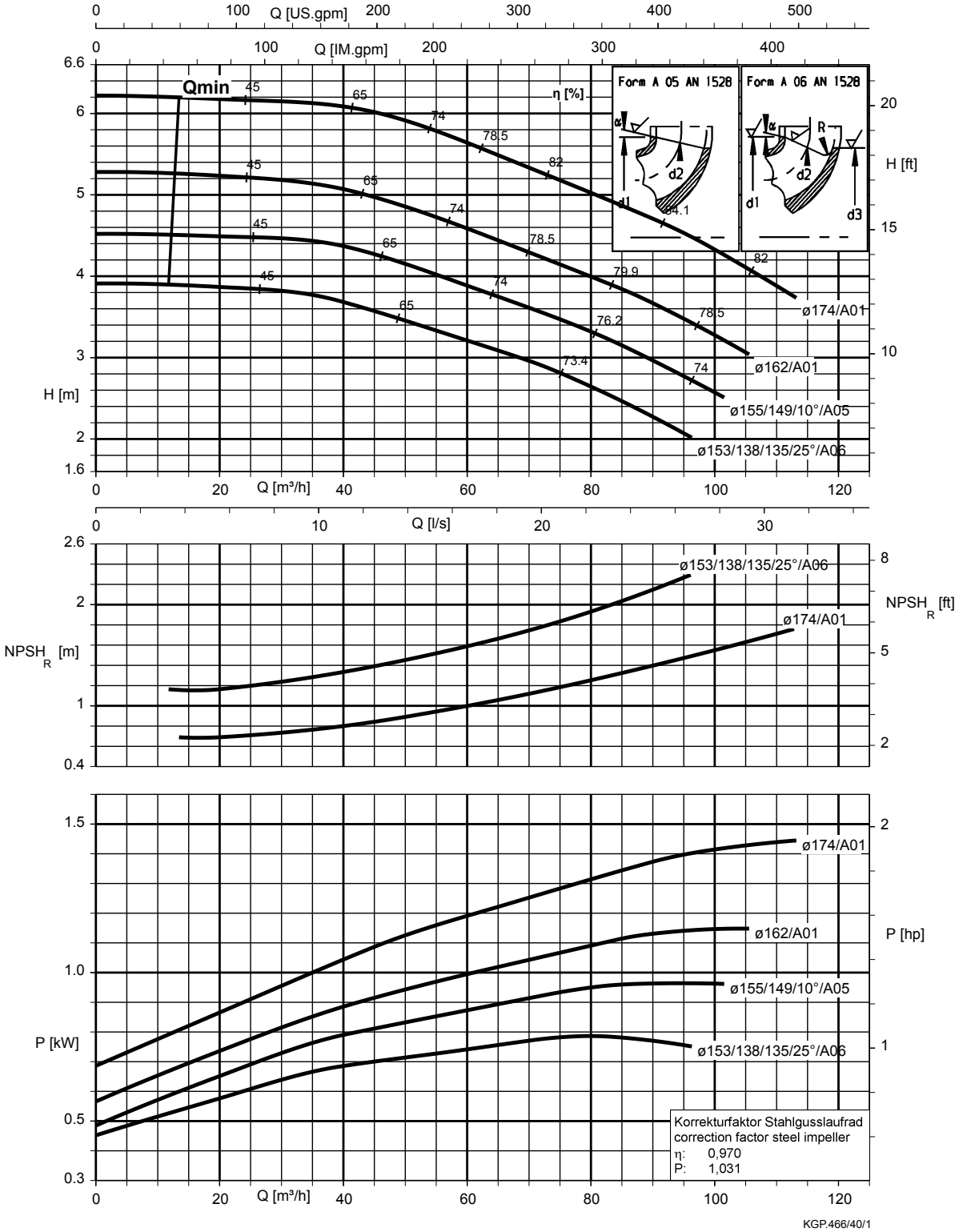
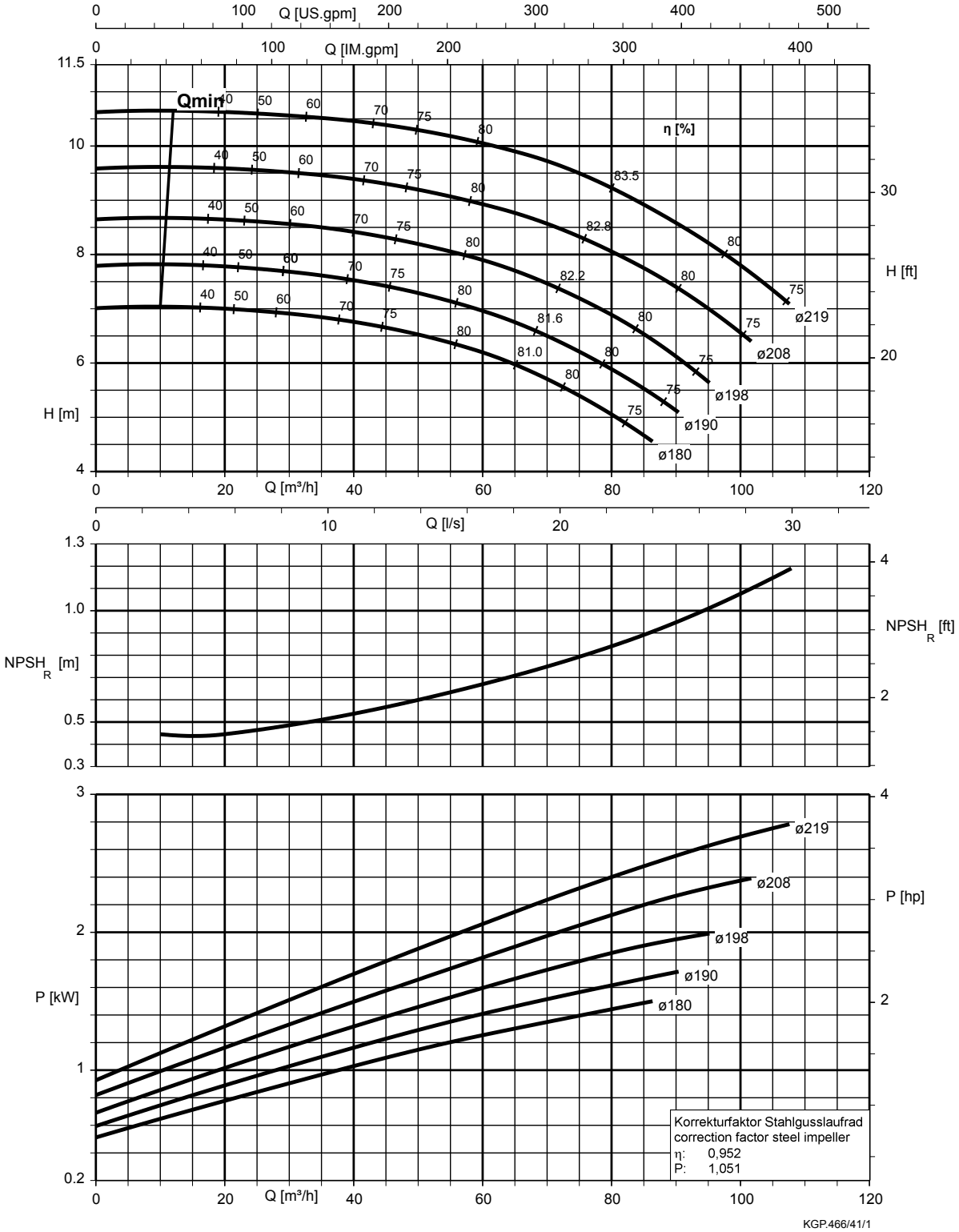


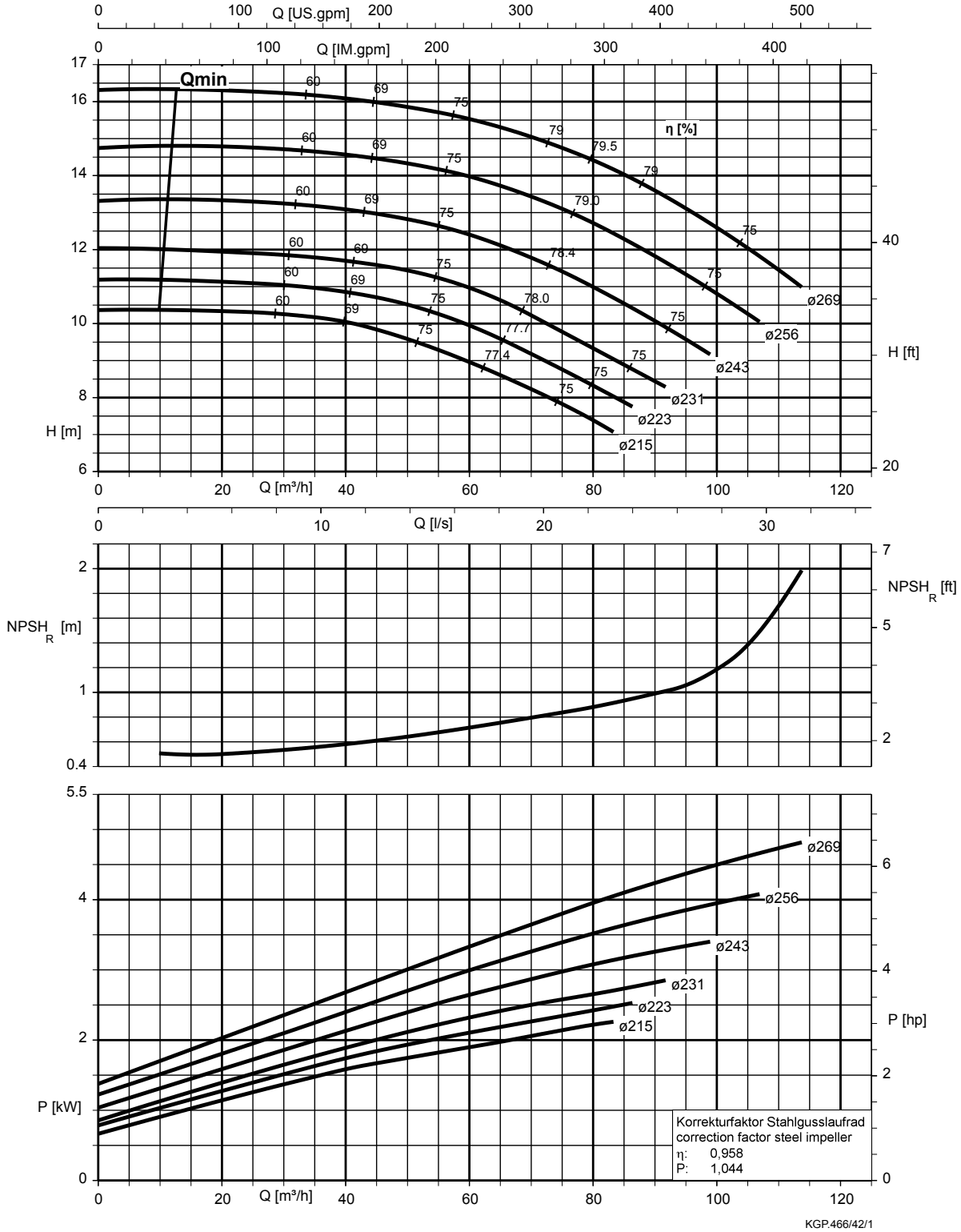
Meganorm 125-080-160, n = 1.160 rpm



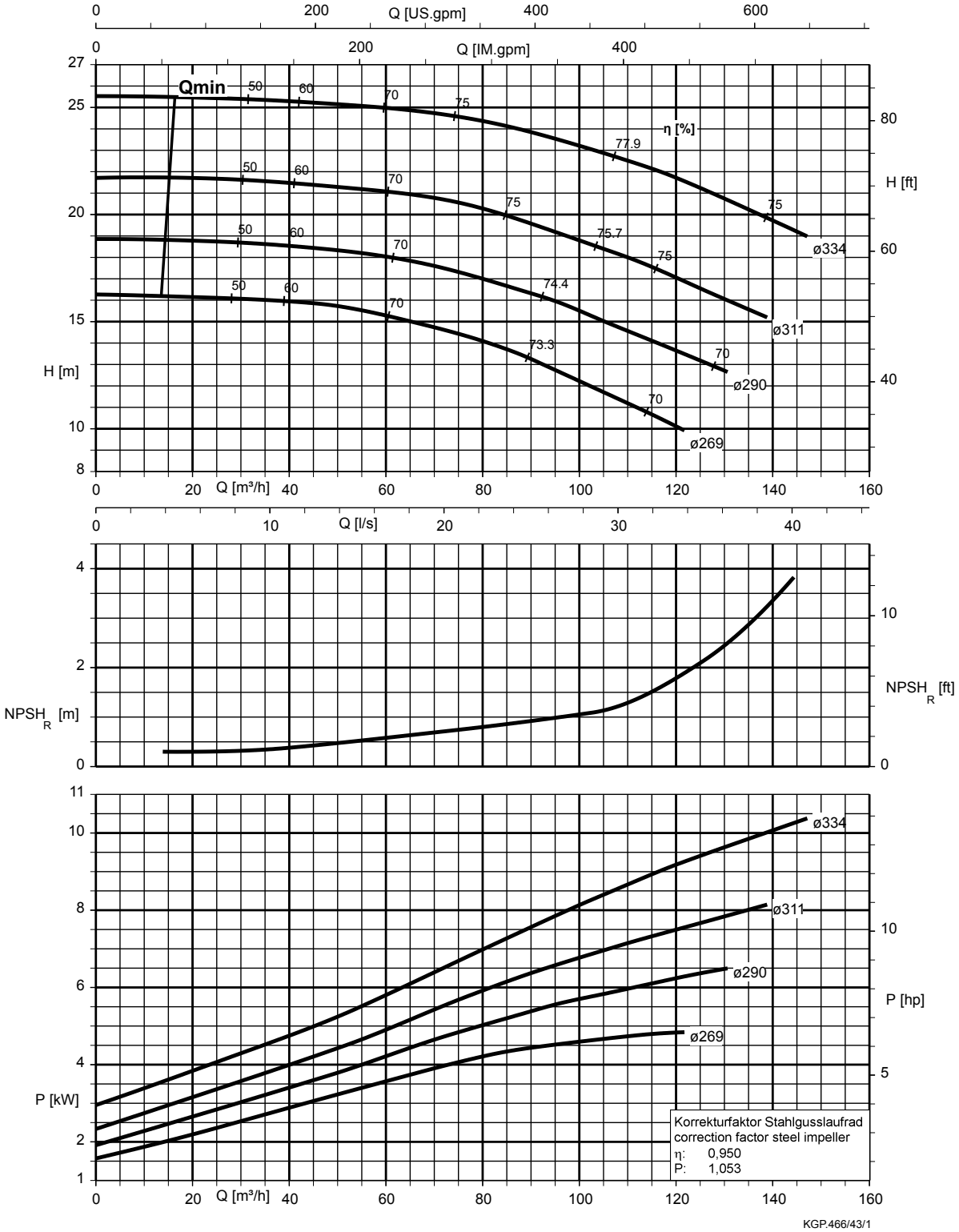
Meganorm 125-080-200, n = 1.160 rpm



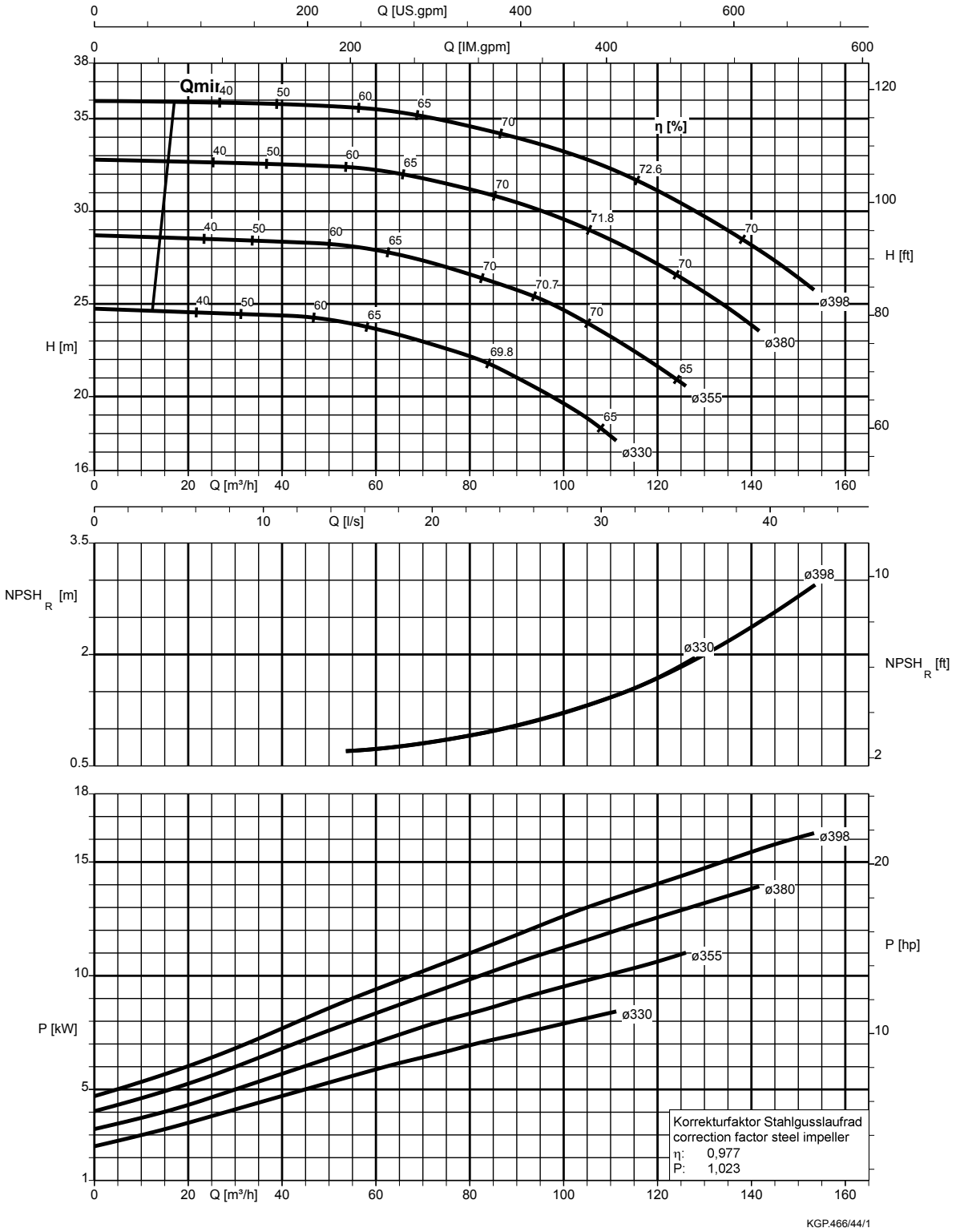
Meganorm 125-080-250, n = 1.160 rpm



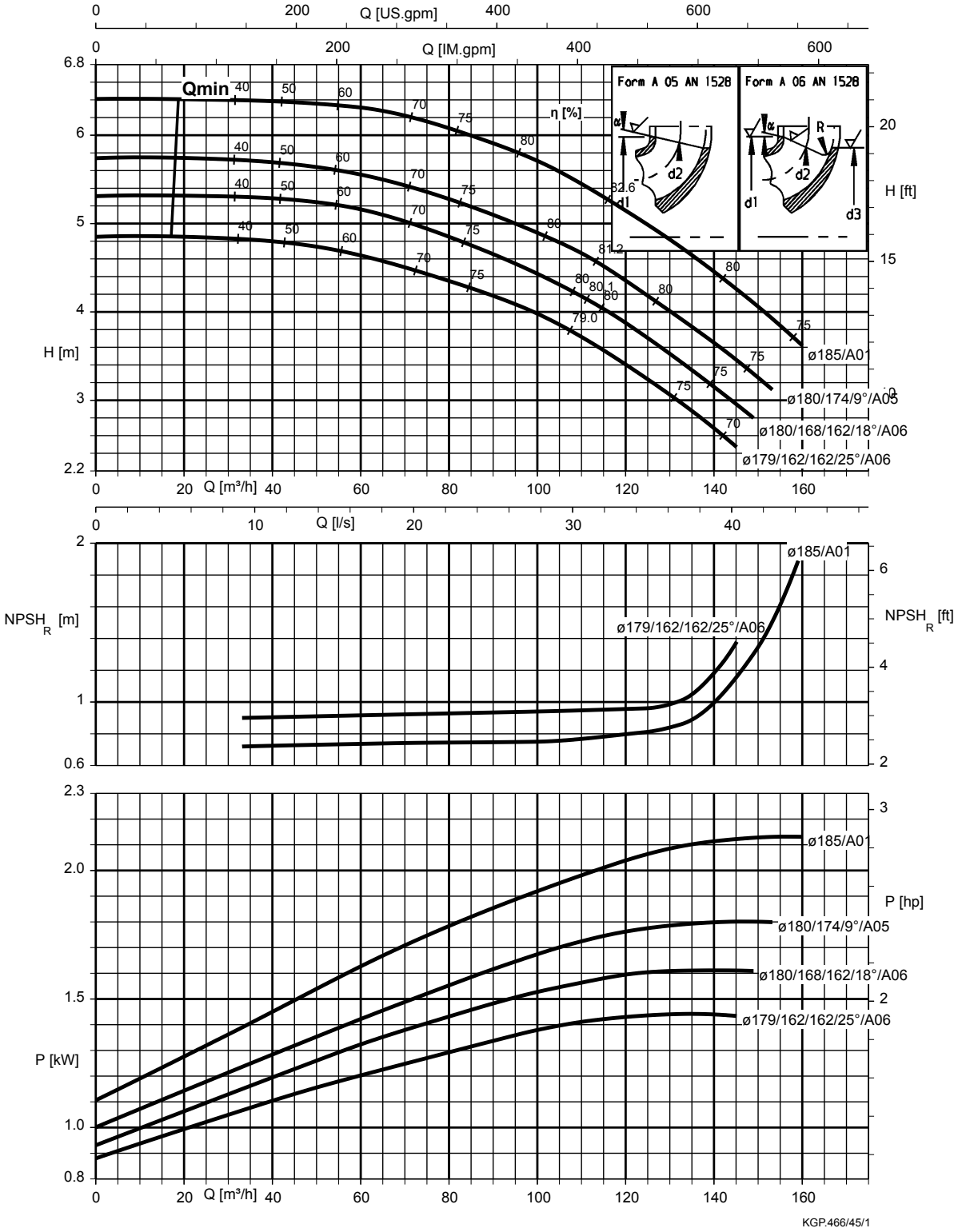
Meganorm 125-080-315, n = 1.160 rpm



Meganorm 125-080-400, n = 1.160 rpm



Meganorm 125-100-160, n = 1160 r.p.m.



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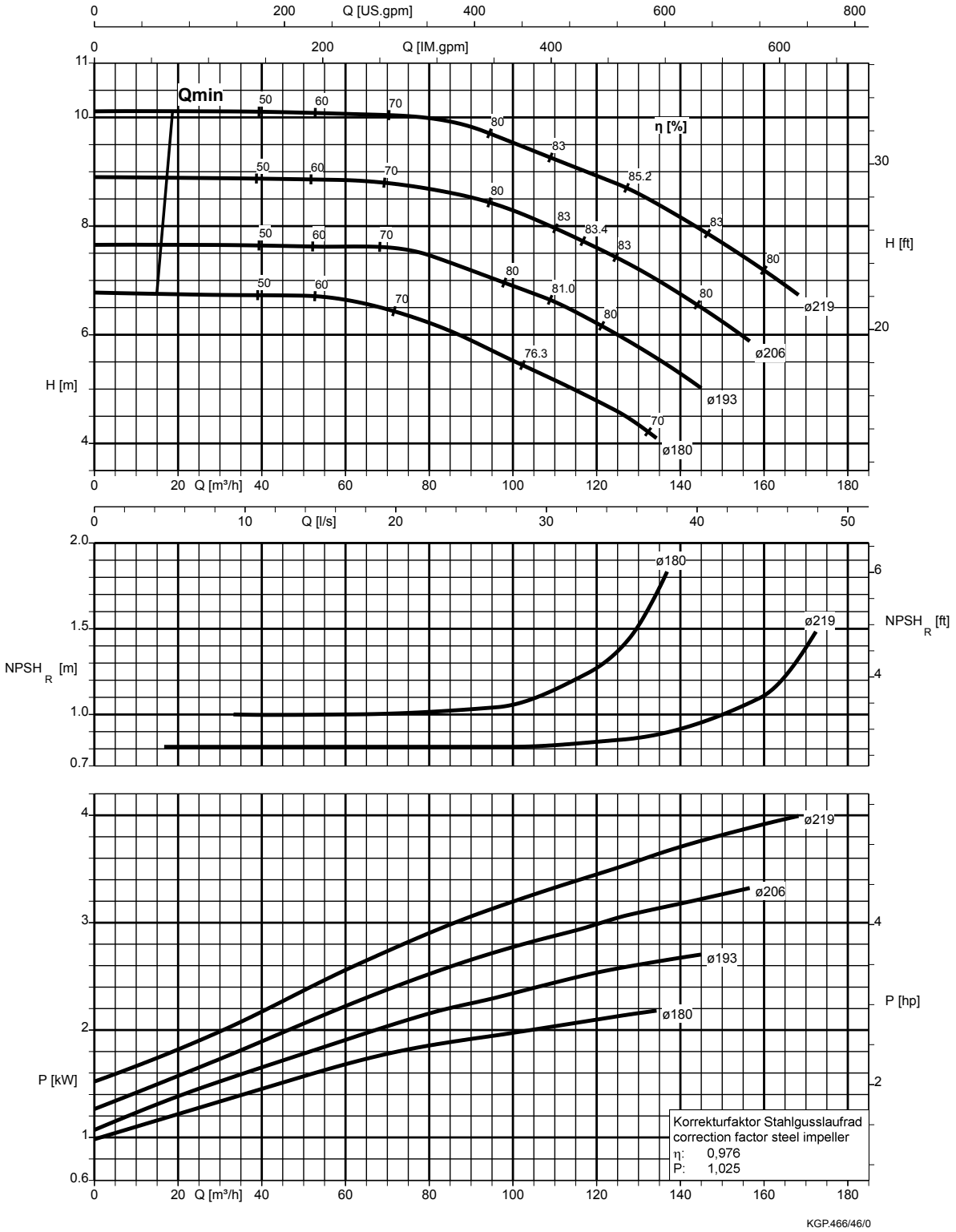

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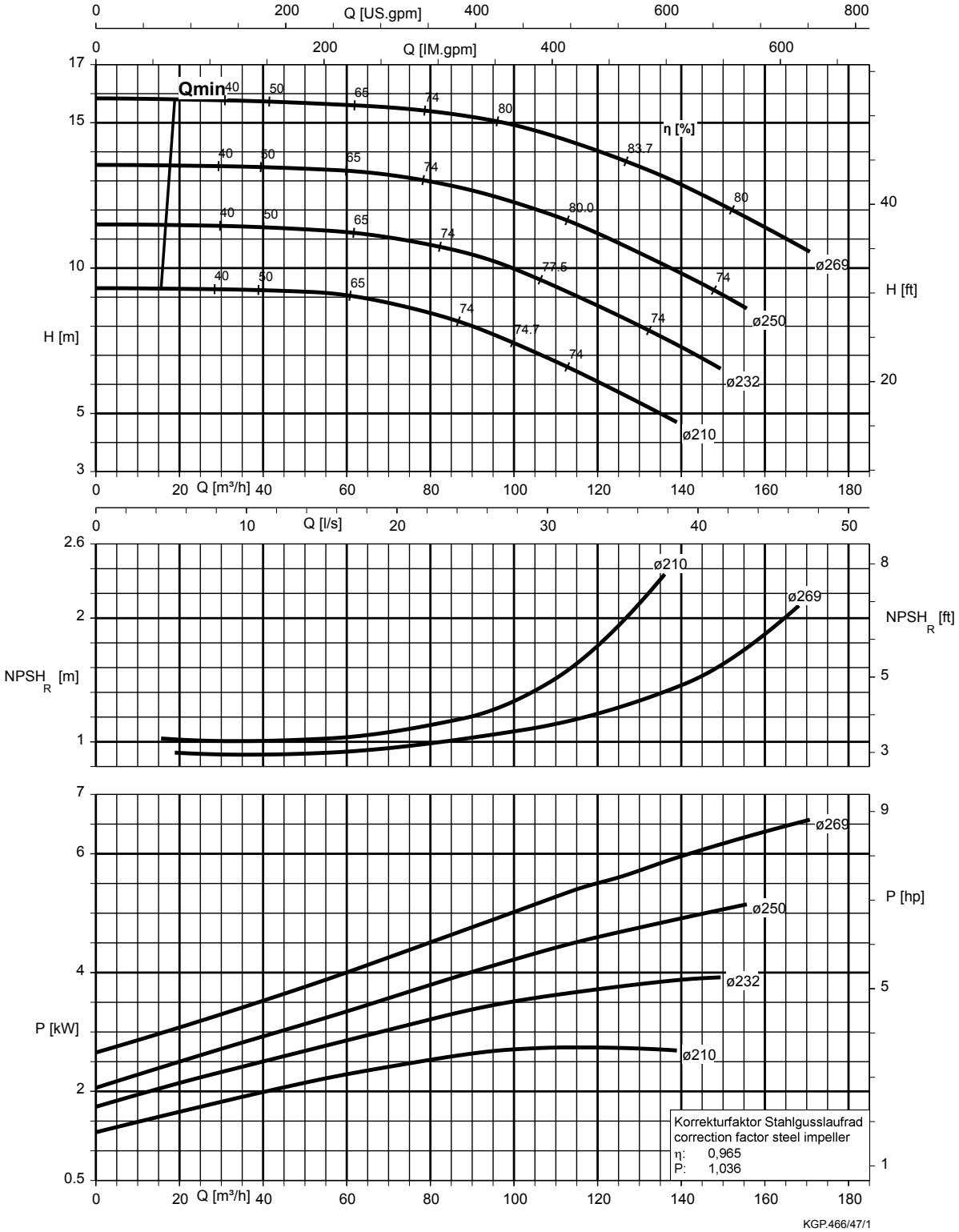

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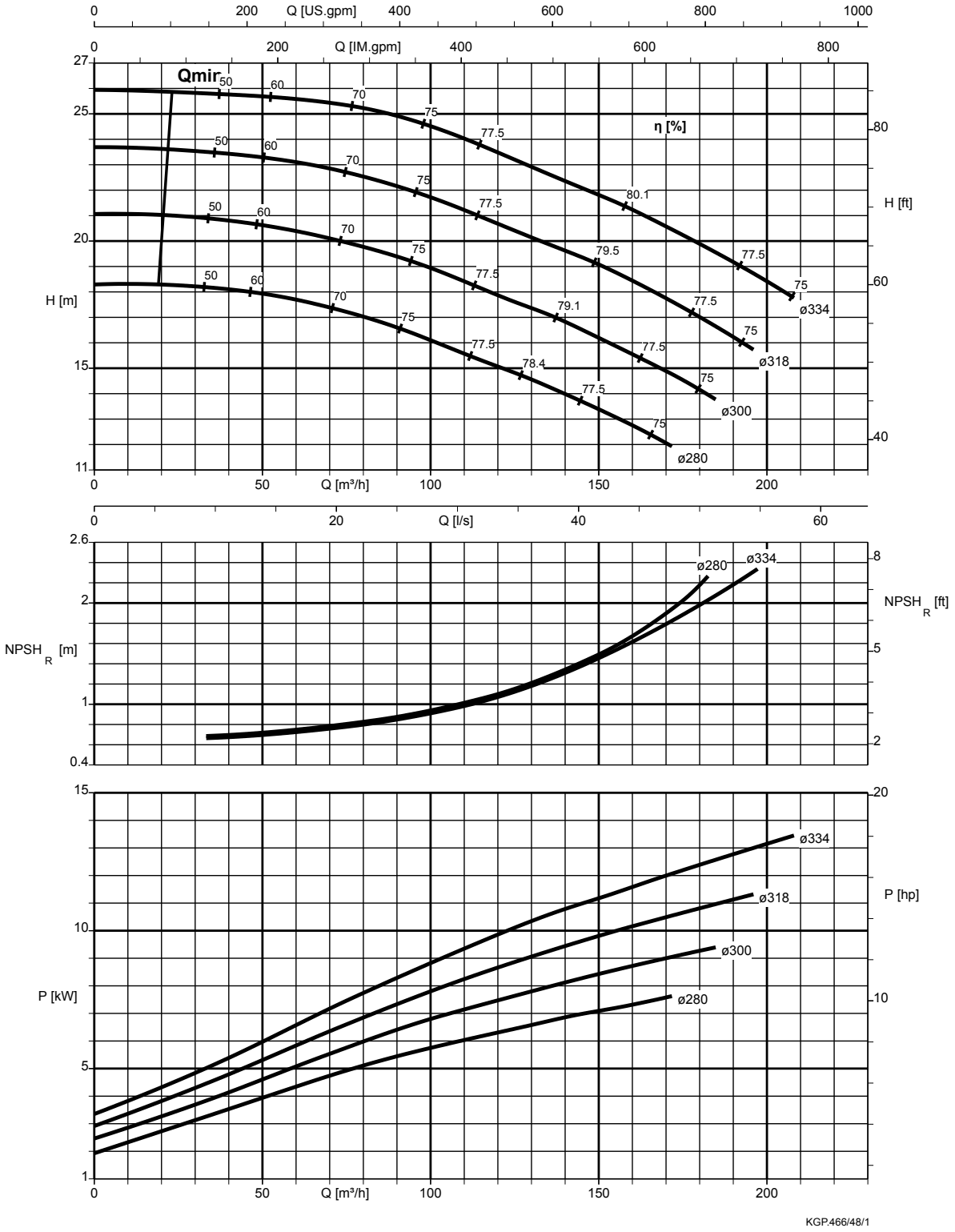

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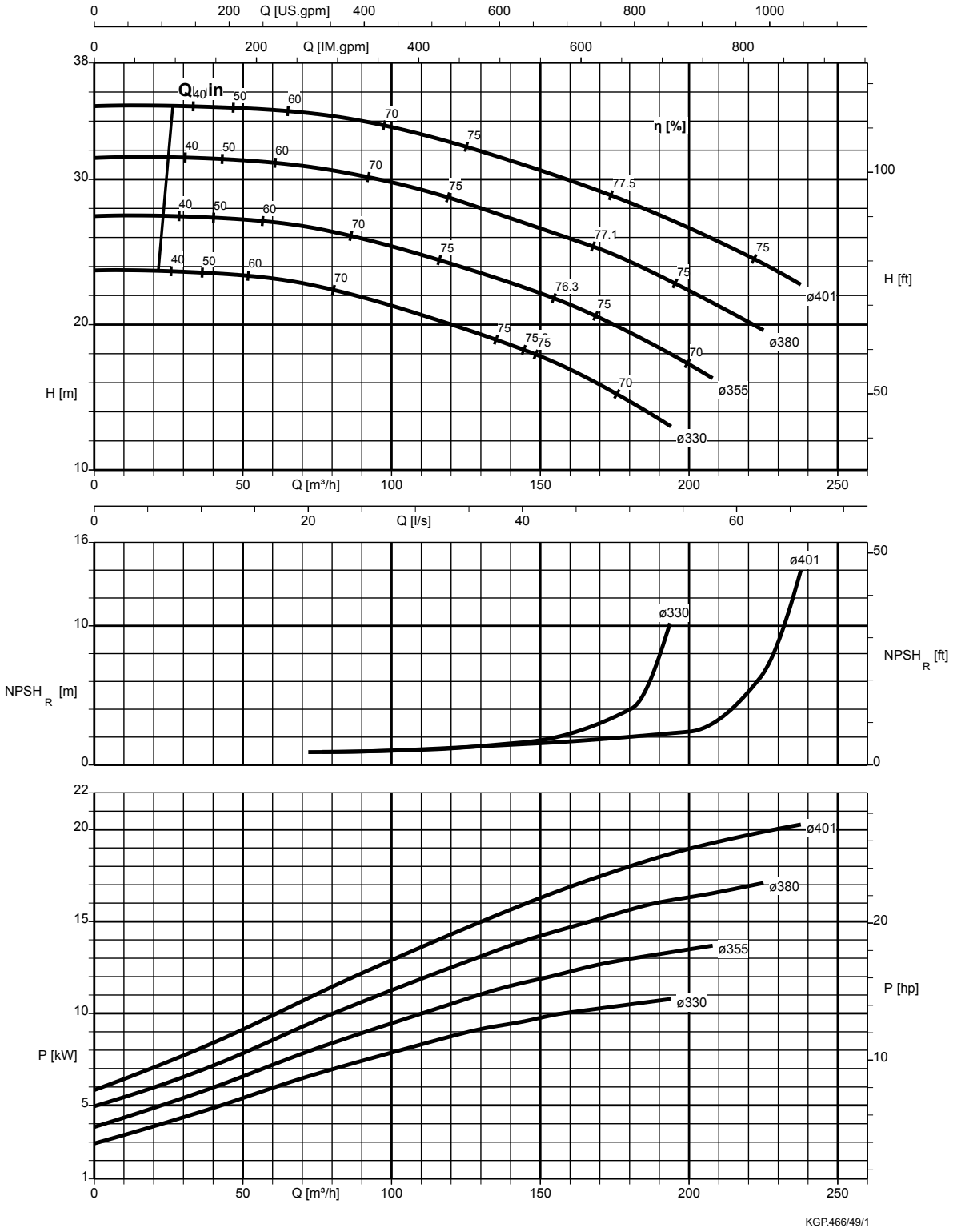
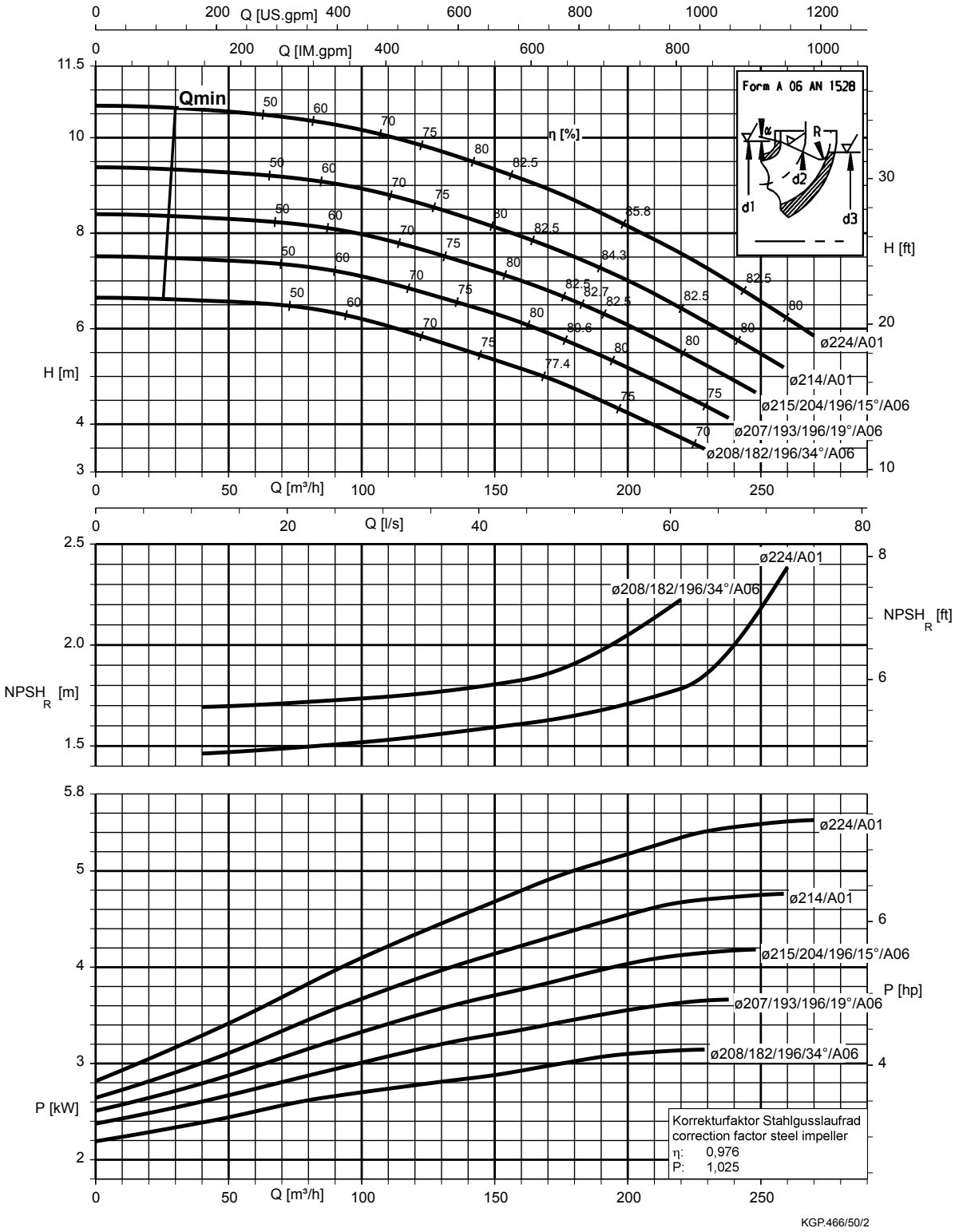


Meganorm 150-125-200, n = 1160 r.p.m.



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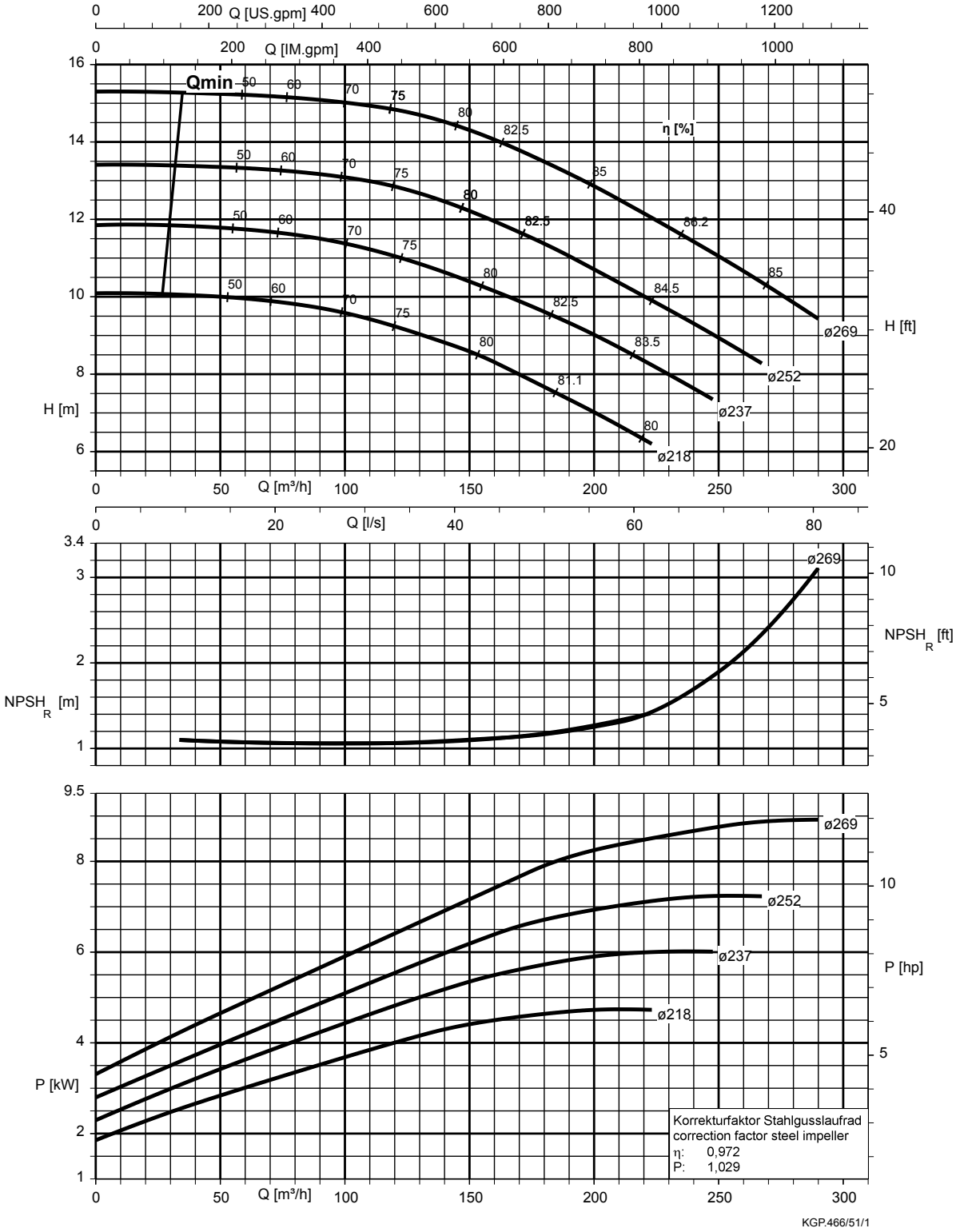

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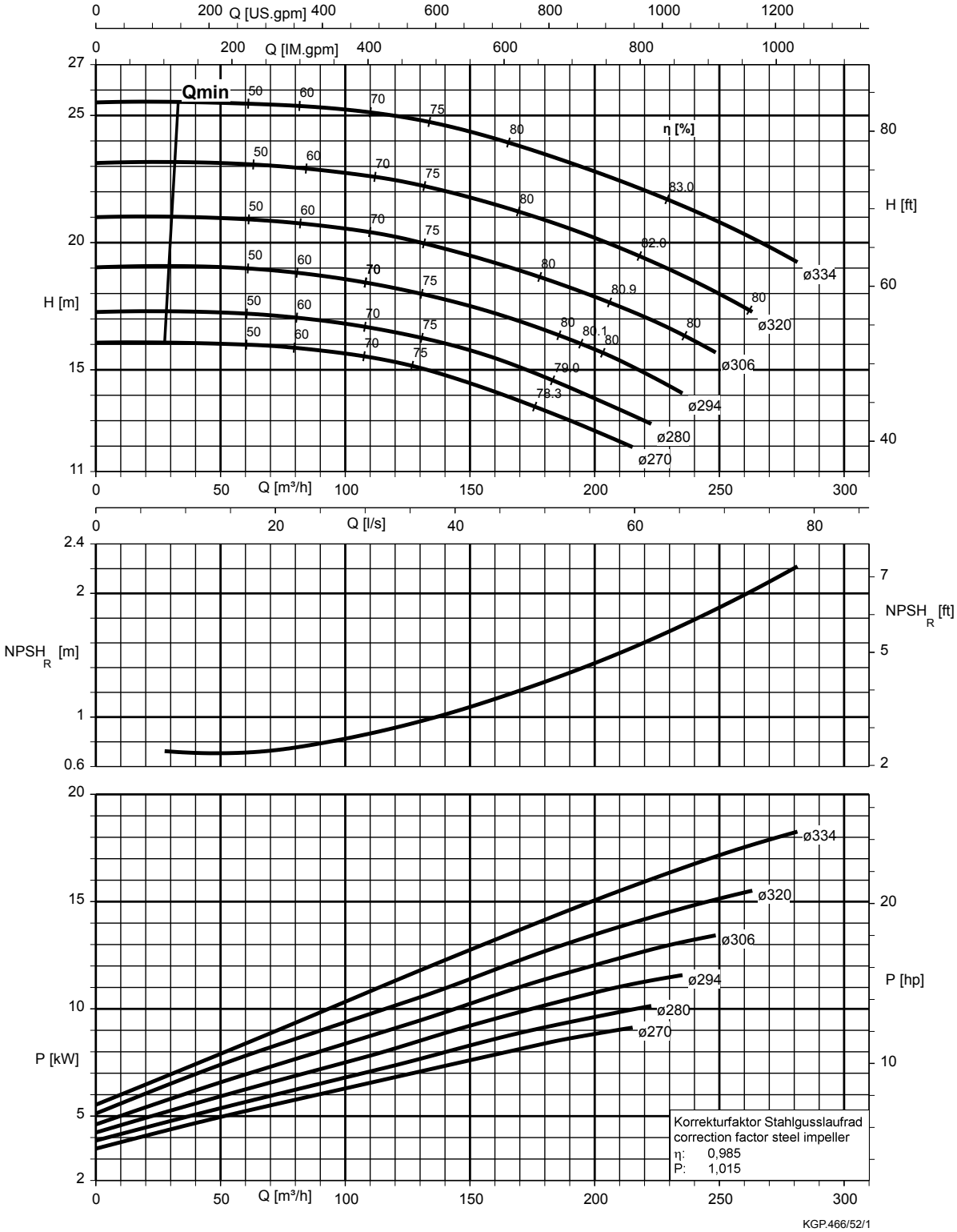

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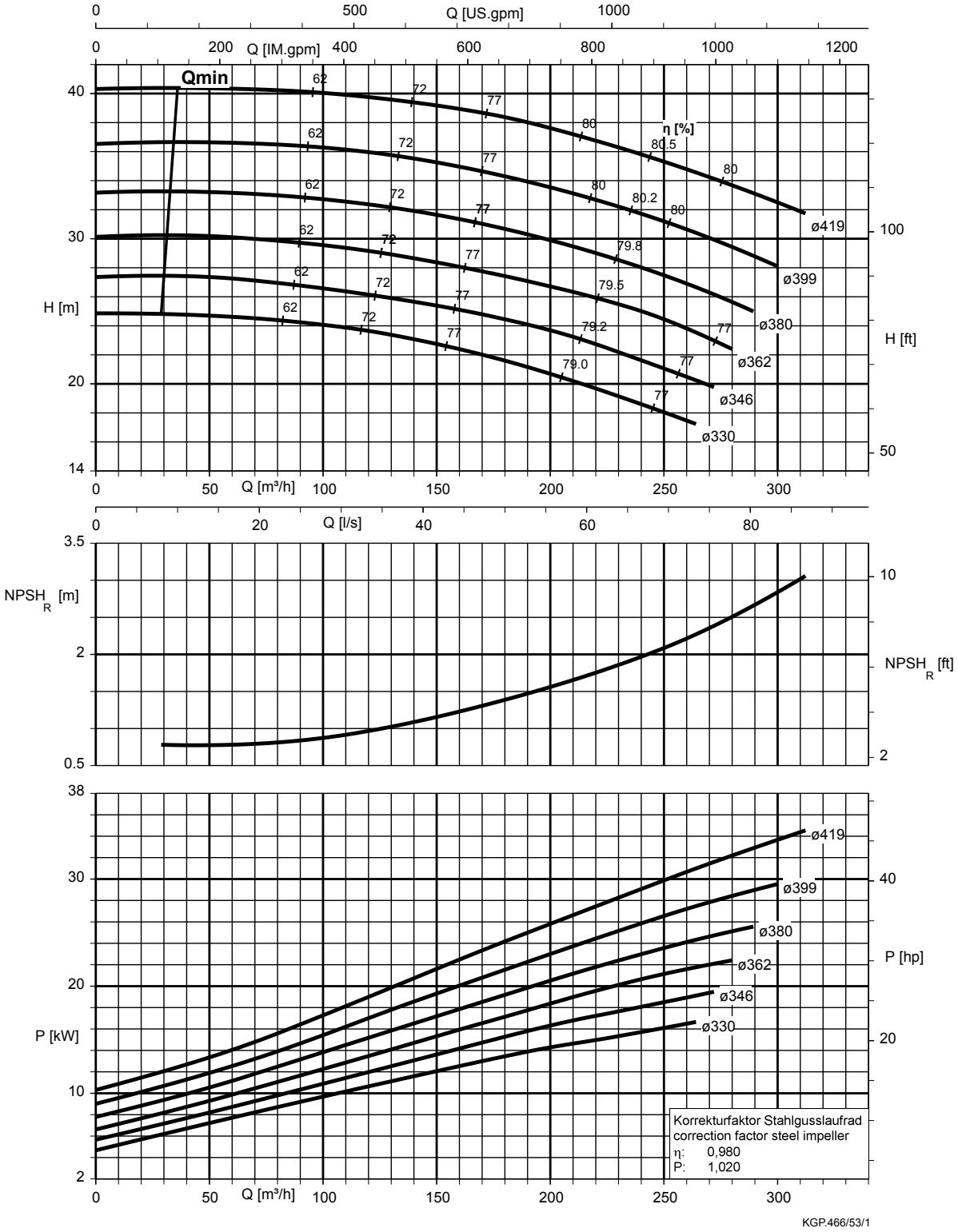
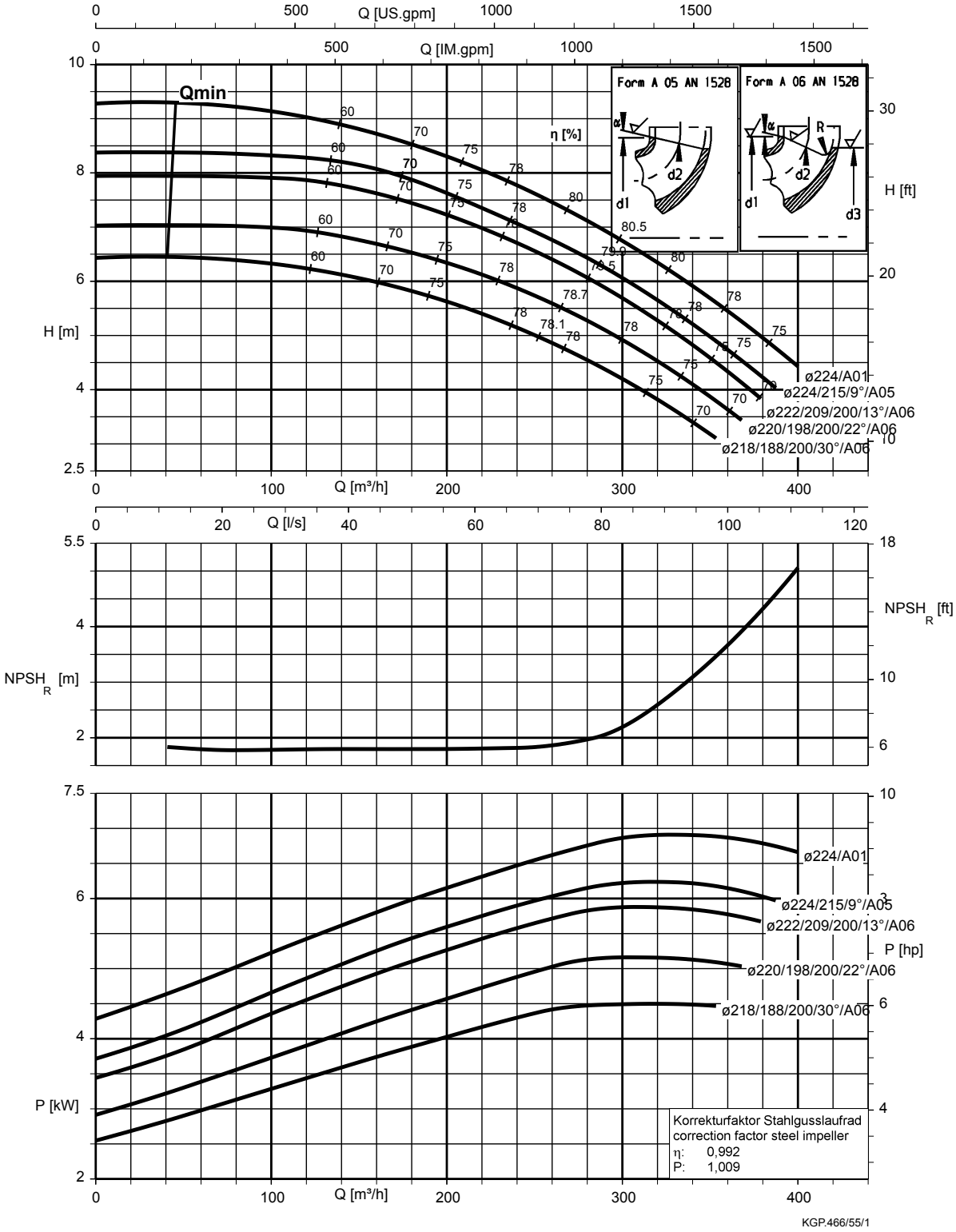
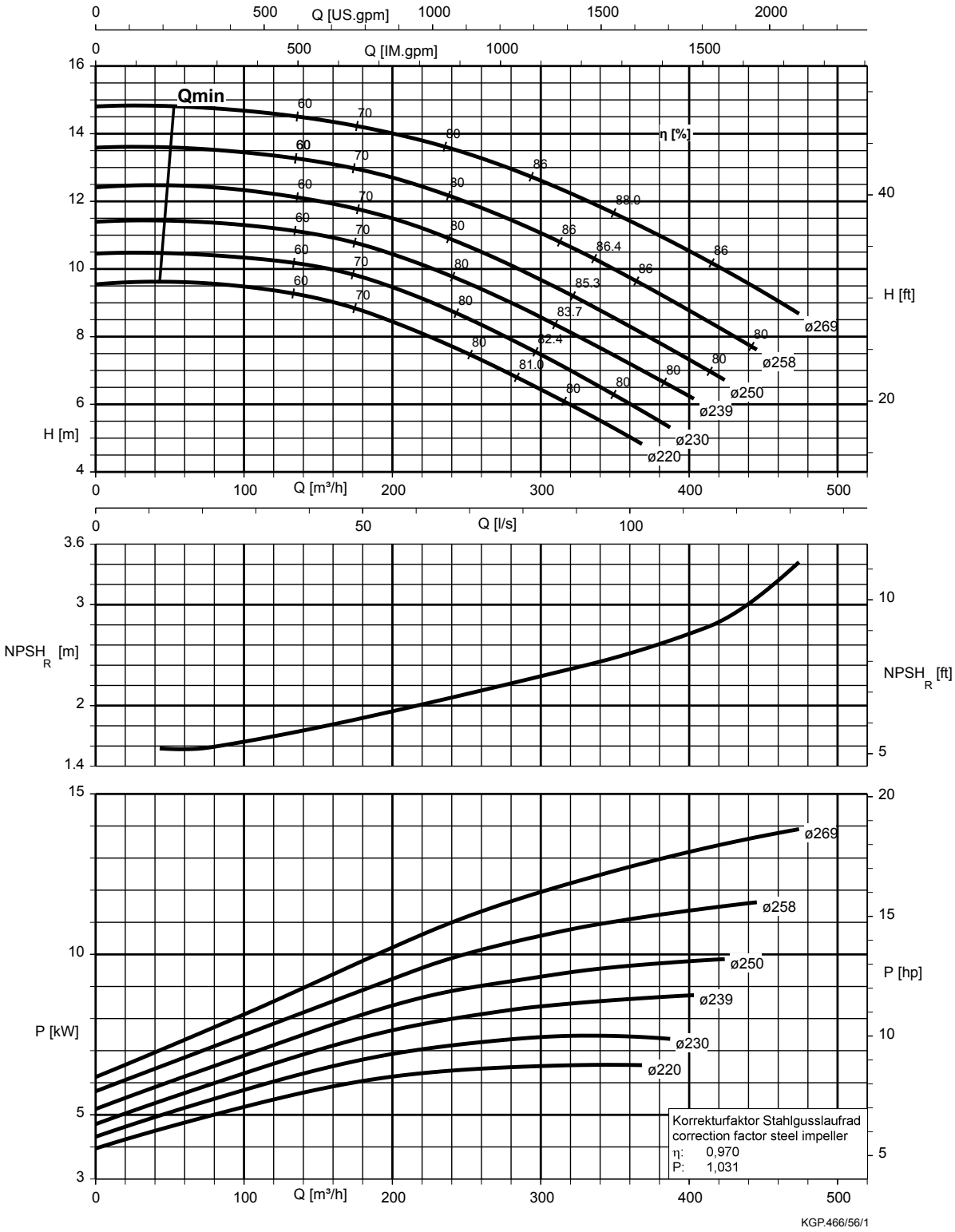


Meganorm 200-150-200, n = 1160 r.p.m.



Meganorm 200-150-250, n = 1160 r.p.m.



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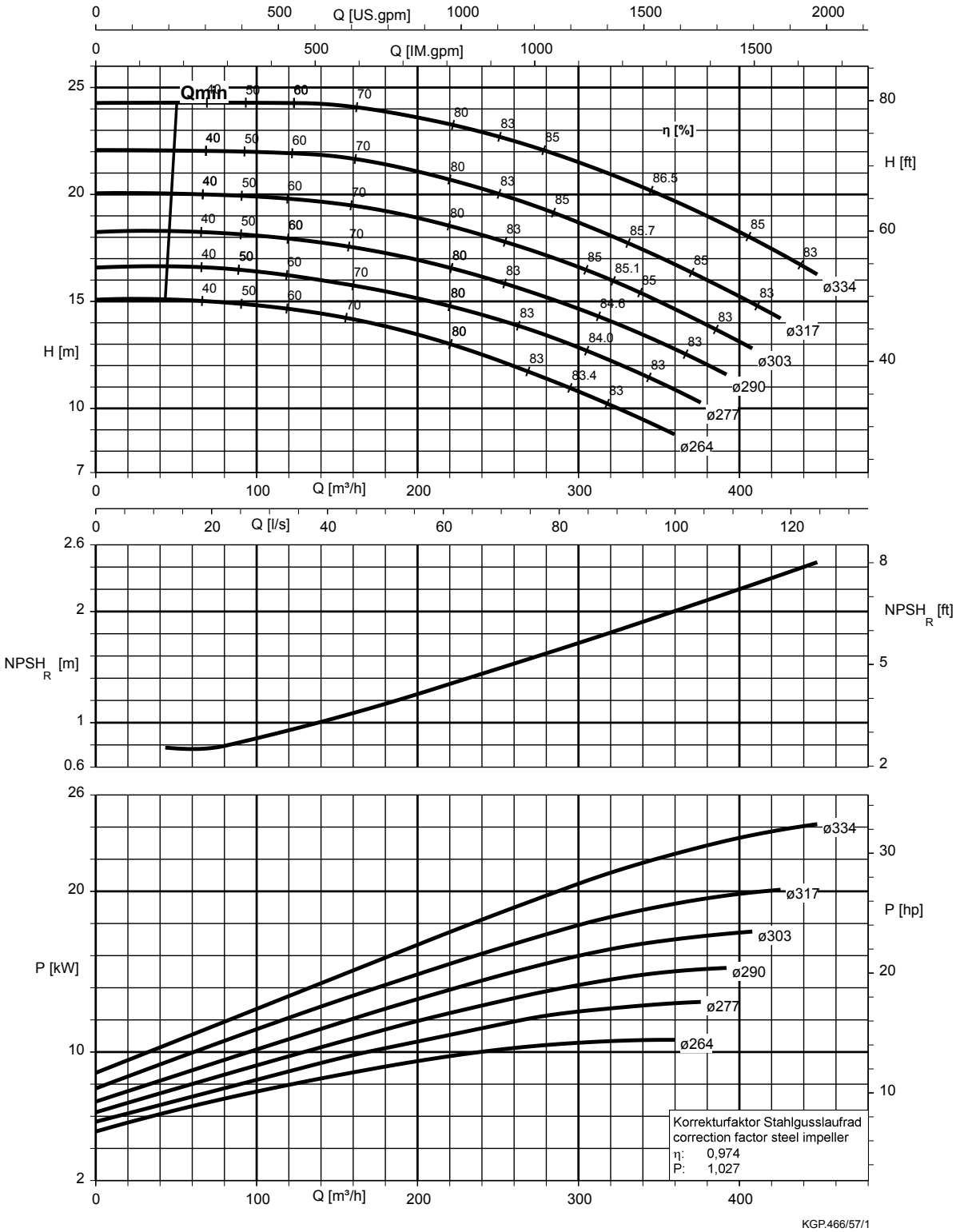

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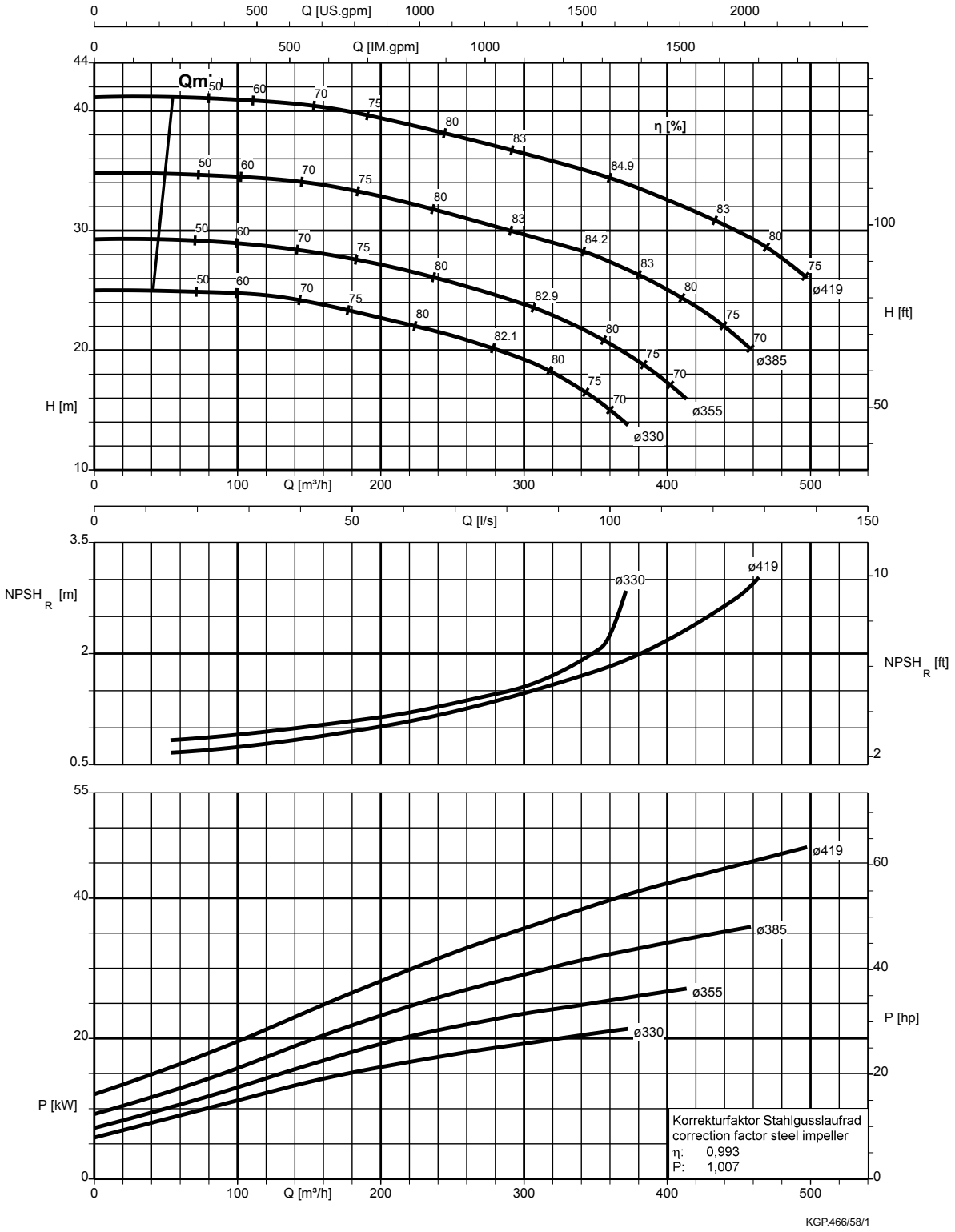

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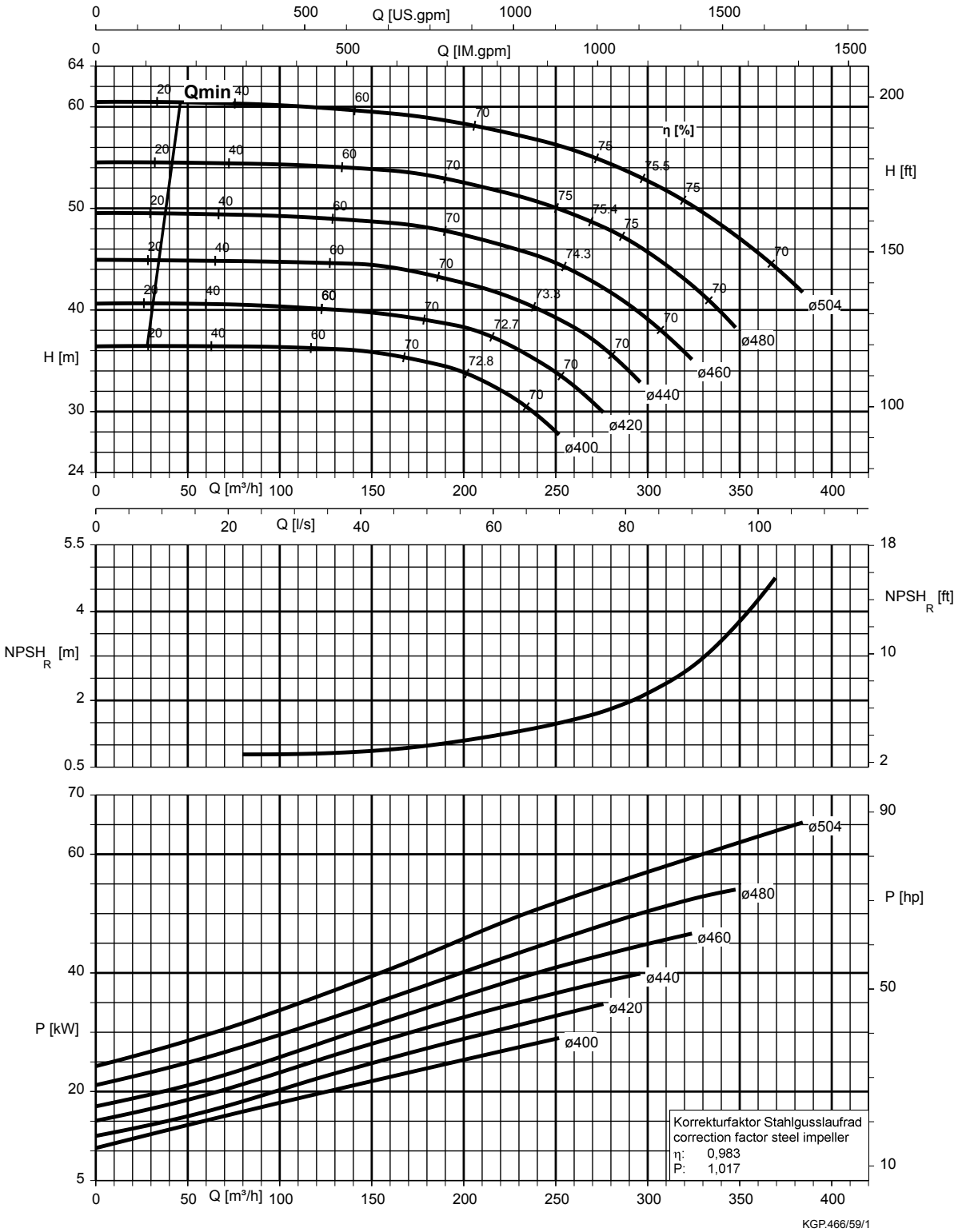
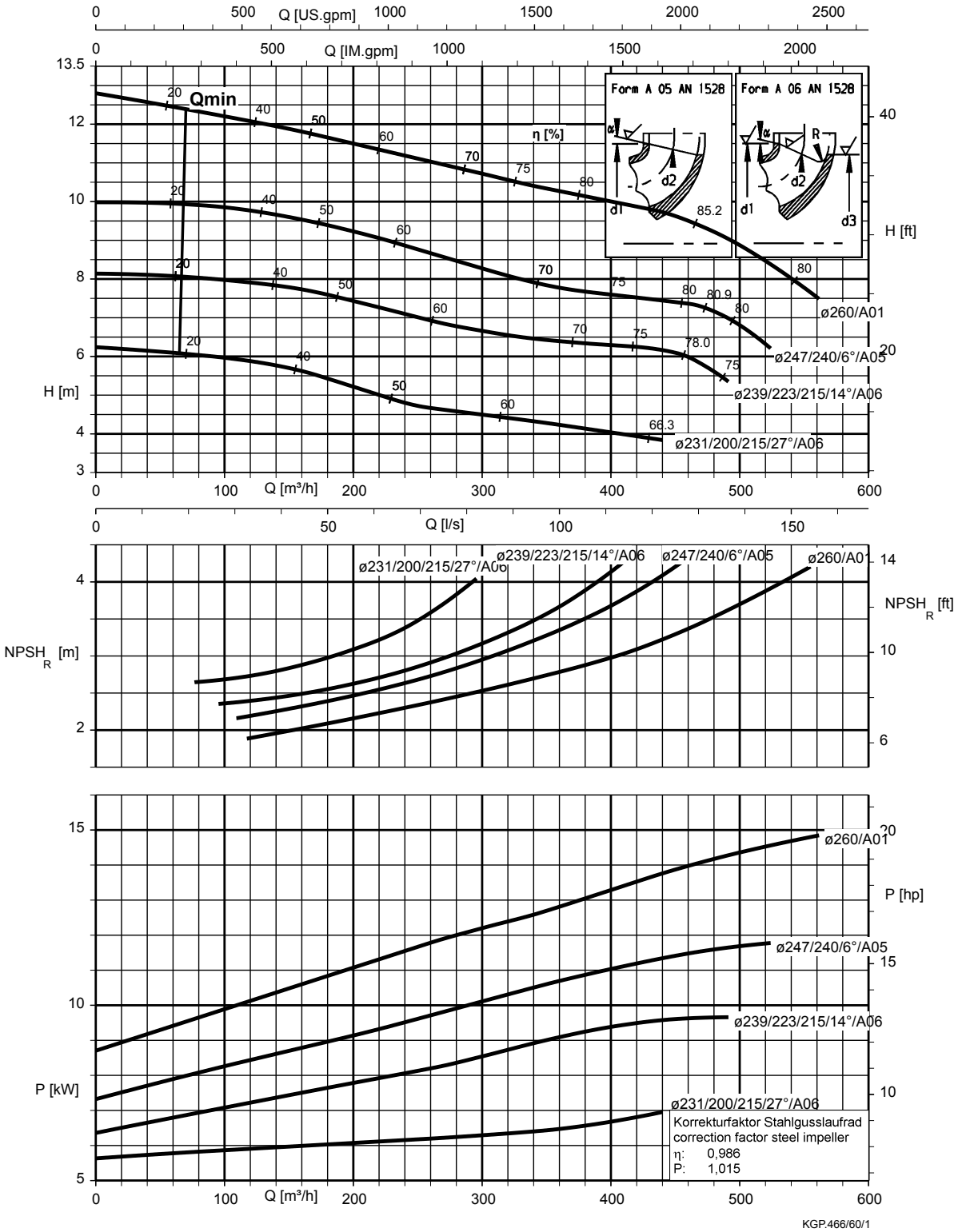
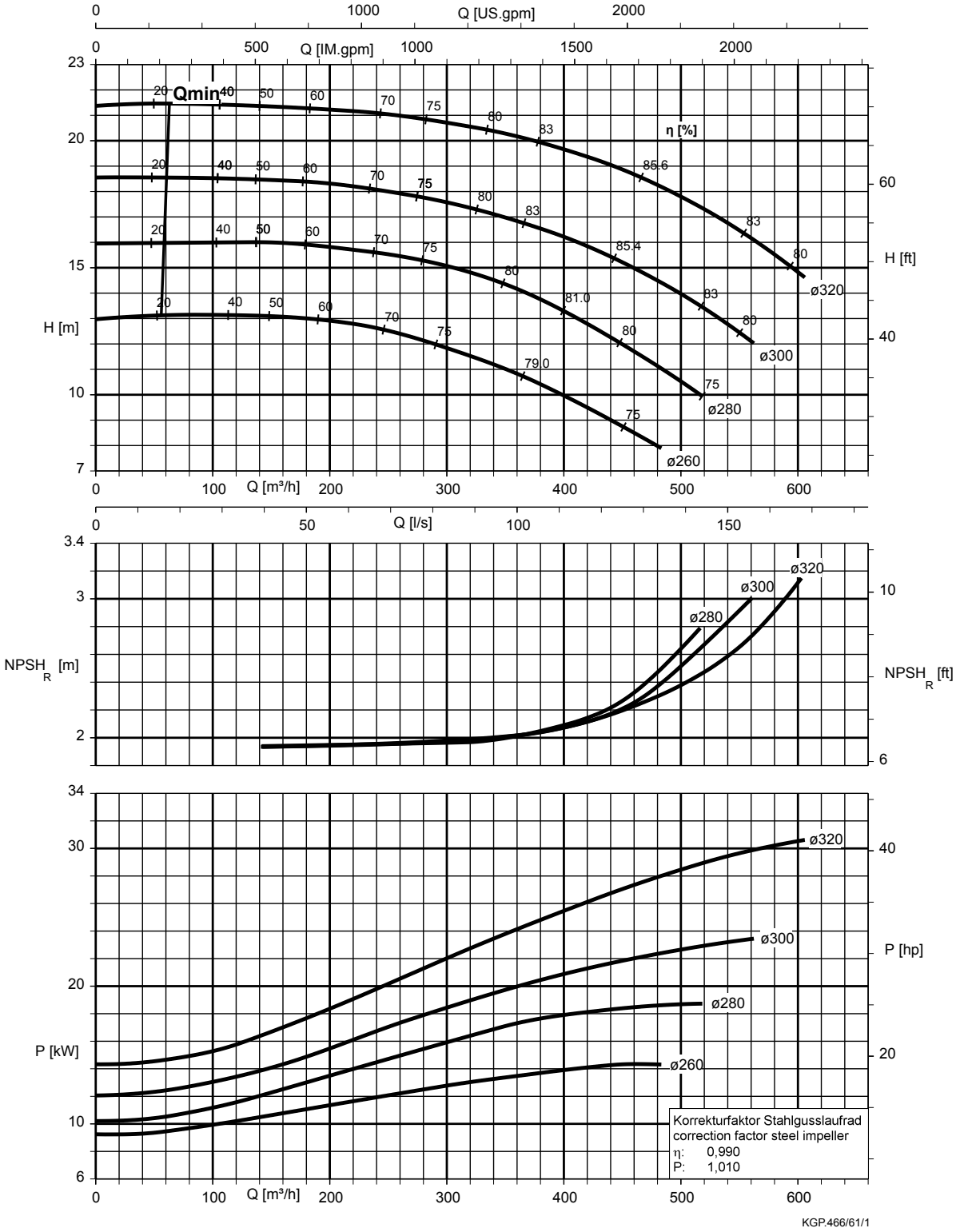


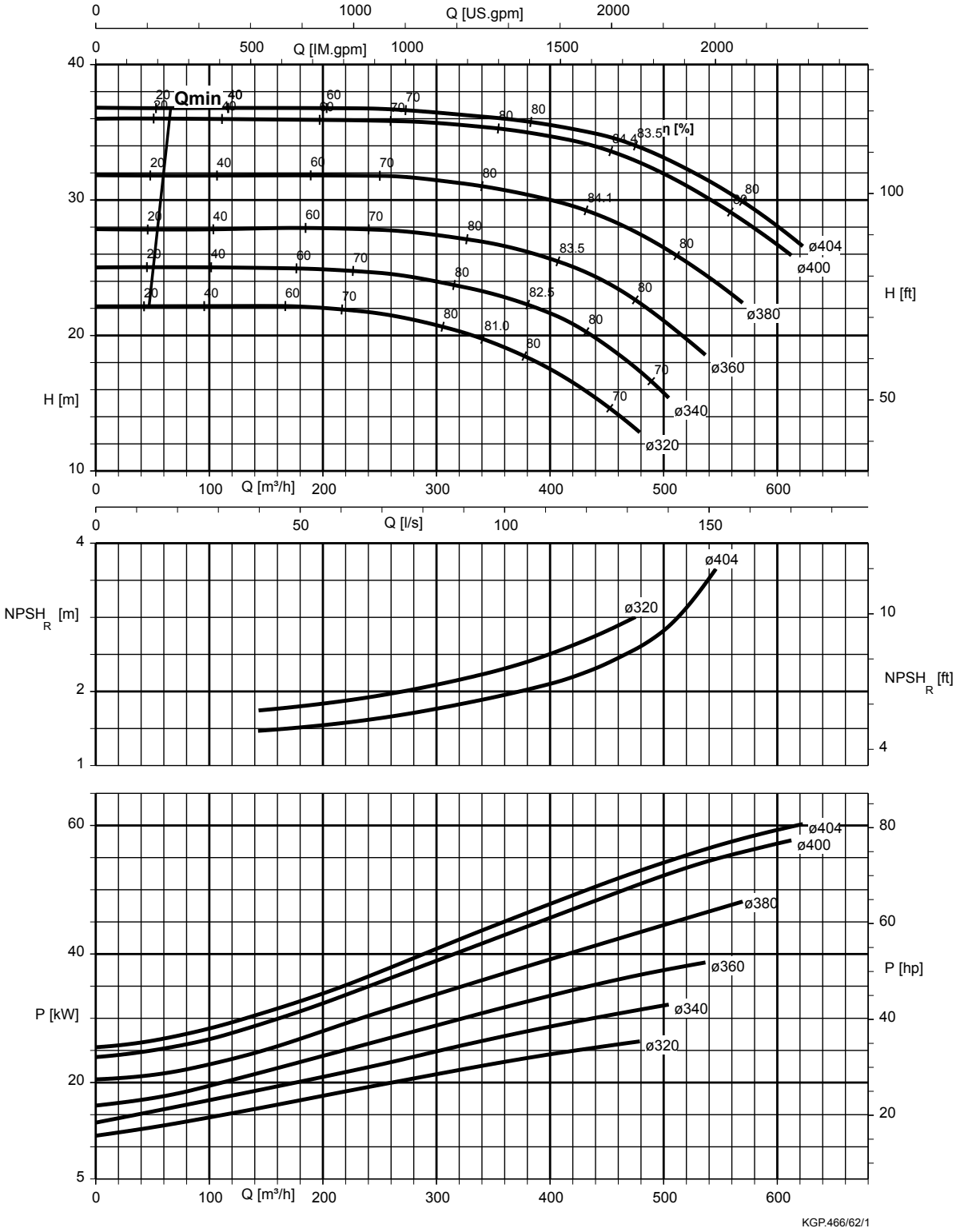
Meganorm 200-200-250, n = 1160 r.p.m.



Meganorm 250-200-315, n = 1160 r.p.m.



Meganorm 250-200-400, n = 1160 r.p.m.



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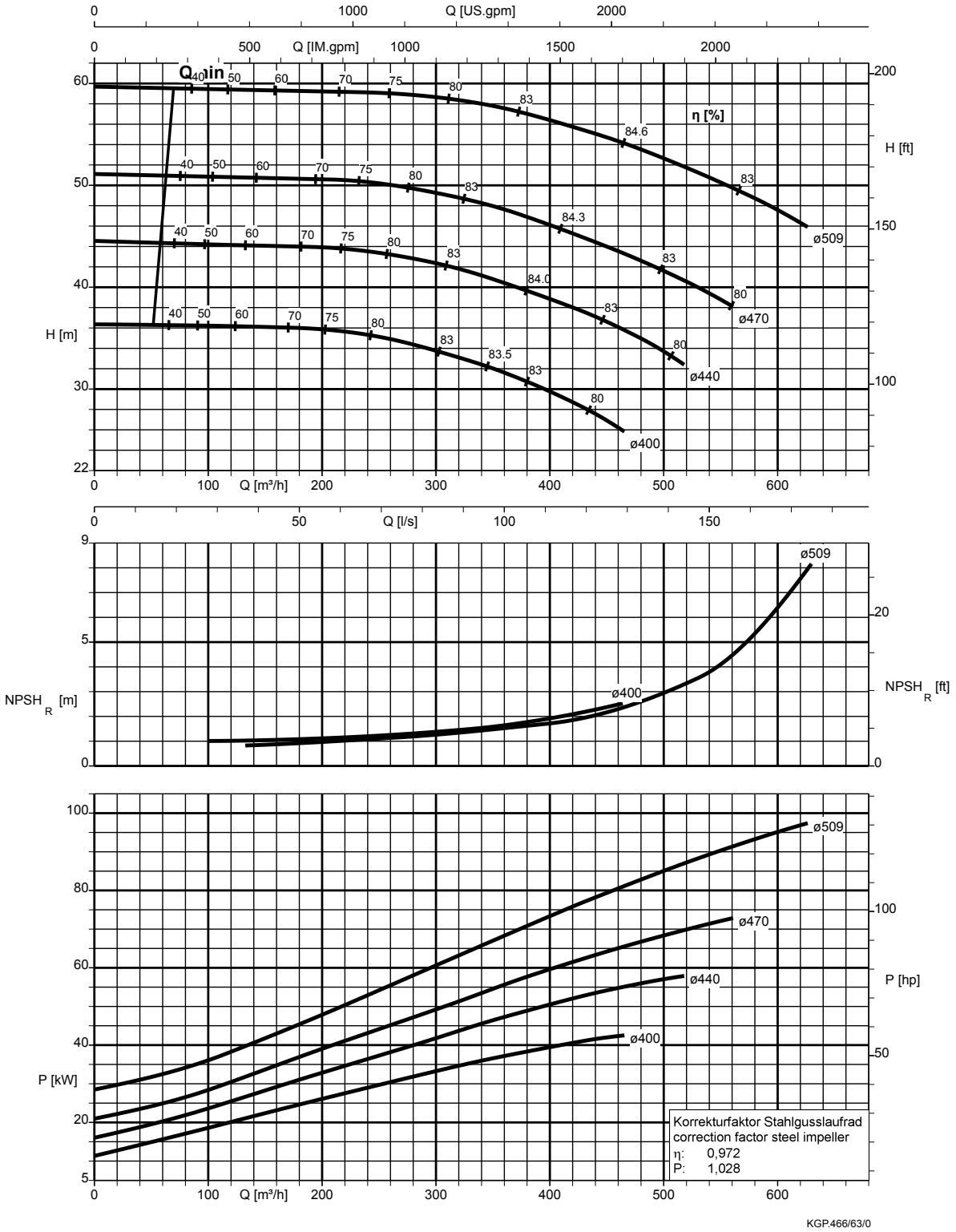

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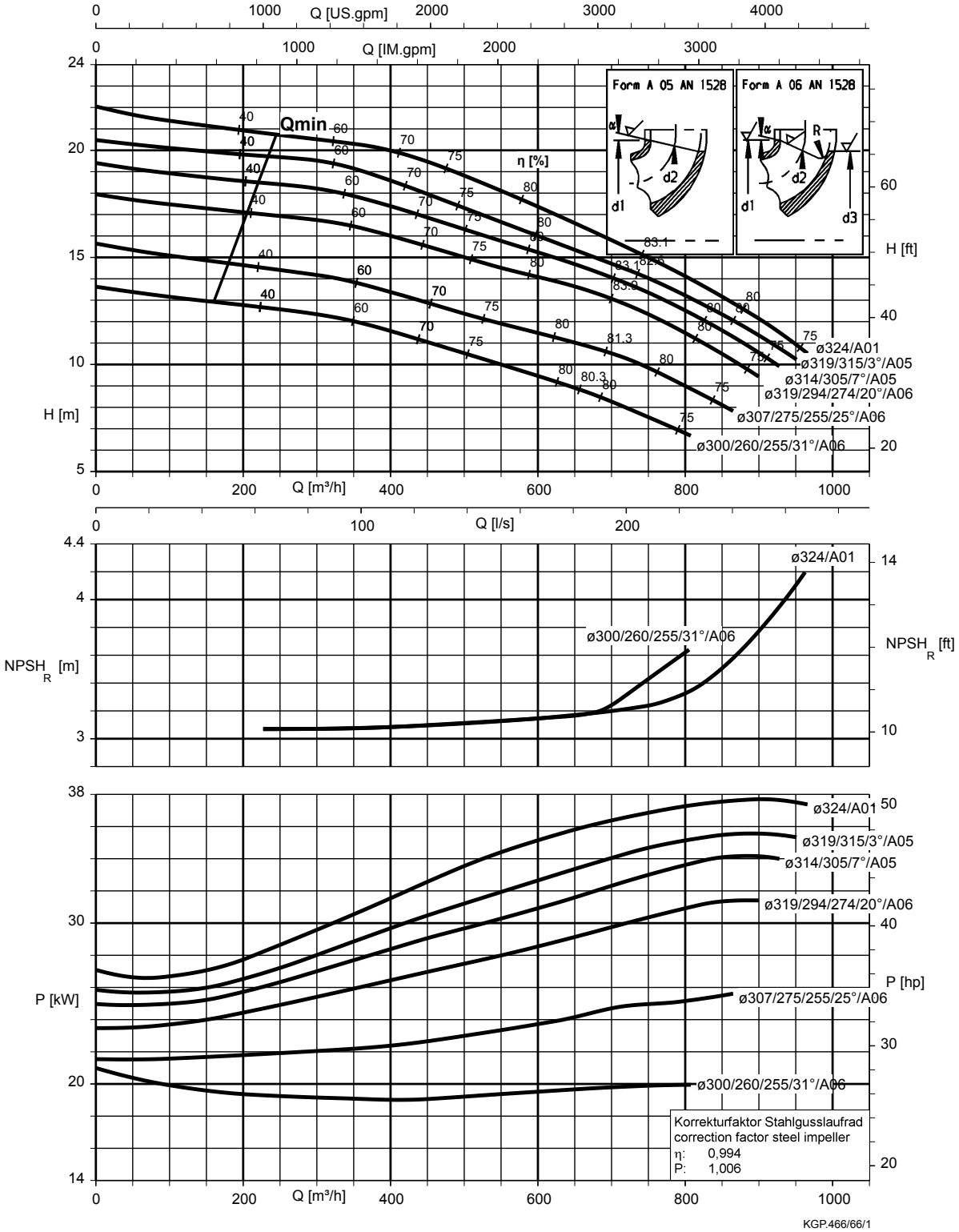

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