60 Hz

MegaCPK, Meganorm, Megabloc

Folheto de curvas características

Ficha técnica

Folheto de curvas características 60 Hz

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Bombas centrífugas com vedação do eixo

Bombas químicas standard

MegaCPK

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 $Q = 0,3 \times Q_{otim}$ 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 $\rho = 1,0$ 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.

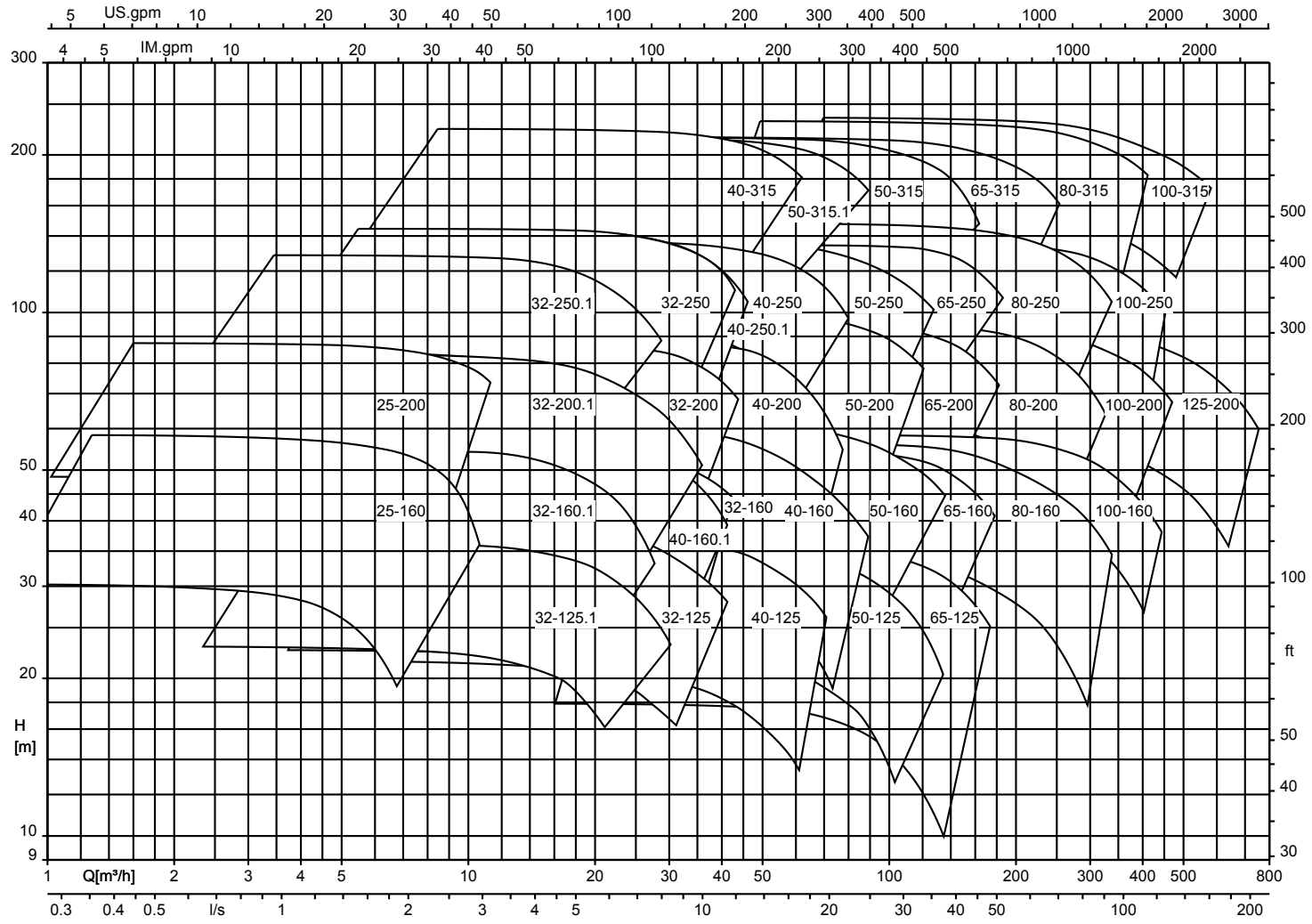
Visão geral dos tamanhos

Visão geral dos tamanhos

Tamanho	Rotação [rpm]										
	3500				1750				1160		
	MegaCPK	Meganorm	Megabloc		MegaCPK	Meganorm	Megabloc		MegaCPK	Meganorm	
040-025-160	✘	✘	✘	(⇨ Página 9)	✘	✘	-	(⇨ Página 46)	✘	✘	(⇨ Página 98)
040-025-200	✘	✘	✘	(⇨ Página 10)	✘	✘	-	(⇨ Página 47)	✘	✘	(⇨ Página 99)
050-032-125.1	✘	✘	✘	(⇨ Página 11)	✘	✘	-	(⇨ Página 48)	✘	✘	(⇨ Página 100)
050-032-160.1	✘	✘	✘	(⇨ Página 12)	✘	✘	-	(⇨ Página 49)	✘	✘	(⇨ Página 101)
050-032-200.1	✘	✘	✘	(⇨ Página 13)	✘	✘	✘	(⇨ Página 50)	✘	✘	(⇨ Página 102)
050-032-250.1	✘	✘	✘	(⇨ Página 14)	✘	✘	✘	(⇨ Página 51)	✘	✘	(⇨ Página 103)
050-032-125	✘	✘	✘	(⇨ Página 15)	✘	✘	-	(⇨ Página 52)	✘	✘	(⇨ Página 104)
050-032-160	✘	✘	✘	(⇨ Página 16)	✘	✘	-	(⇨ Página 53)	✘	✘	(⇨ Página 105)
050-032-200	✘	✘	✘	(⇨ Página 17)	✘	✘	✘	(⇨ Página 54)	✘	✘	(⇨ Página 106)
050-032-250	✘	✘	✘	(⇨ Página 18)	✘	✘	✘	(⇨ Página 55)	✘	✘	(⇨ Página 107)
065-040-125	✘	✘	✘	(⇨ Página 19)	✘	✘	-	(⇨ Página 56)	✘	✘	(⇨ Página 108)
065-040-160.1	✘	✘	-	(⇨ Página 20)	✘	✘	-	(⇨ Página 57)	✘	✘	(⇨ Página 109)
065-040-160	✘	✘	✘	(⇨ Página 21)	✘	✘	✘	(⇨ Página 58)	✘	✘	(⇨ Página 110)
065-040-200	✘	✘	✘	(⇨ Página 22)	✘	✘	✘	(⇨ Página 59)	✘	✘	(⇨ Página 111)
065-040-250.1	✘	✘	-	(⇨ Página 23)	✘	✘	-	(⇨ Página 60)	✘	✘	(⇨ Página 112)
065-040-250	✘	✘	✘	(⇨ Página 24)	✘	✘	✘	(⇨ Página 61)	✘	✘	(⇨ Página 113)
065-040-315	✘	✘	-	(⇨ Página 25)	✘	✘	-	(⇨ Página 62)	✘	✘	(⇨ Página 114)
080-050-125	✘	✘	✘	(⇨ Página 26)	✘	✘	✘	(⇨ Página 63)	✘	✘	(⇨ Página 115)
080-050-160	✘	✘	✘	(⇨ Página 27)	✘	✘	✘	(⇨ Página 64)	✘	✘	(⇨ Página 116)
080-050-200	✘	✘	✘	(⇨ Página 28)	✘	✘	✘	(⇨ Página 65)	✘	✘	(⇨ Página 117)
080-050-250	✘	✘	-	(⇨ Página 29)	✘	✘	✘	(⇨ Página 66)	✘	✘	(⇨ Página 118)
080-050-315.1	✘	✘	-	(⇨ Página 30)	✘	✘	-	(⇨ Página 67)	✘	✘	(⇨ Página 119)
080-050-315	✘	✘	-	(⇨ Página 31)	✘	✘	✘	(⇨ Página 68)	✘	✘	(⇨ Página 120)
100-065-125	✘	✘	✘	(⇨ Página 32)	✘	✘	✘	(⇨ Página 69)	✘	✘	(⇨ Página 121)
100-065-160	✘	✘	✘	(⇨ Página 33)	✘	✘	✘	(⇨ Página 70)	✘	✘	(⇨ Página 122)
100-065-200	✘	✘	✘	(⇨ Página 34)	✘	✘	✘	(⇨ Página 71)	✘	✘	(⇨ Página 123)
100-065-250	✘	✘	-	(⇨ Página 35)	✘	✘	✘	(⇨ Página 72)	✘	✘	(⇨ Página 124)
100-065-315	✘	✘	-	(⇨ Página 36)	✘	✘	✘	(⇨ Página 73)	✘	✘	(⇨ Página 125)
125-080-160	✘	✘	-	(⇨ Página 37)	✘	✘	✘	(⇨ Página 74)	✘	✘	(⇨ Página 126)
125-080-200	✘	✘	-	(⇨ Página 38)	✘	✘	✘	(⇨ Página 75)	✘	✘	(⇨ Página 127)
125-080-250	✘	✘	-	(⇨ Página 39)	✘	✘	✘	(⇨ Página 76)	✘	✘	(⇨ Página 128)
125-080-315	✘	✘	-	(⇨ Página 40)	✘	✘	✘	(⇨ Página 77)	✘	✘	(⇨ Página 129)
125-080-400	-	-	-	-	✘	✘	-	(⇨ Página 78)	✘	✘	(⇨ Página 130)
125-100-160	✘	✘	-	(⇨ Página 41)	✘	✘	-	(⇨ Página 79)	✘	✘	(⇨ Página 131)
125-100-200	✘	✘	-	(⇨ Página 42)	✘	✘	✘	(⇨ Página 80)	✘	✘	(⇨ Página 132)
125-100-250	✘	✘	-	(⇨ Página 43)	✘	✘	✘	(⇨ Página 81)	✘	✘	(⇨ Página 133)
125-100-315	✘	✘	-	(⇨ Página 44)	✘	✘	✘	(⇨ Página 82)	✘	✘	(⇨ Página 134)
125-100-400	-	-	-	-	✘	✘	-	(⇨ Página 83)	✘	✘	(⇨ Página 135)
150-125-200	✘	✘	-	(⇨ Página 45)	✘	✘	✘	(⇨ Página 84)	✘	✘	(⇨ Página 136)
150-125-250	-	-	-	-	✘	✘	✘	(⇨ Página 85)	✘	✘	(⇨ Página 137)
150-125-315	-	-	-	-	✘	✘	-	(⇨ Página 86)	✘	✘	(⇨ Página 138)
150-125-400	-	-	-	-	✘	✘	-	(⇨ Página 87)	✘	✘	(⇨ Página 139)
200-150-200	-	-	-	-	✘	✘	✘	(⇨ Página 88)	✘	✘	(⇨ Página 140)
200-150-250	-	-	-	-	✘	✘	✘	(⇨ Página 89)	✘	✘	(⇨ Página 141)
200-150-315	-	-	-	-	✘	✘	-	(⇨ Página 90)	✘	✘	(⇨ Página 142)
200-150-400	-	-	-	-	✘	✘	-	(⇨ Página 91)	✘	✘	(⇨ Página 143)
200-150-500	-	-	-	-	✘	✘	-	(⇨ Página 92)	✘	✘	(⇨ Página 144)
200-200-250	-	-	-	-	✘	✘	-	(⇨ Página 93)	✘	✘	(⇨ Página 145)
250-200-315	-	-	-	-	✘	✘	-	(⇨ Página 94)	✘	✘	(⇨ Página 146)
250-200-400	-	-	-	-	✘	✘	-	(⇨ Página 95)	✘	✘	(⇨ Página 147)
250-200-500	-	-	-	-	✘	✘	-	(⇨ Página 96)	✘	✘	(⇨ Página 148)
300-250-315	-	-	-	-	✘	✘	-	(⇨ Página 97)	✘	✘	(⇨ Página 149)

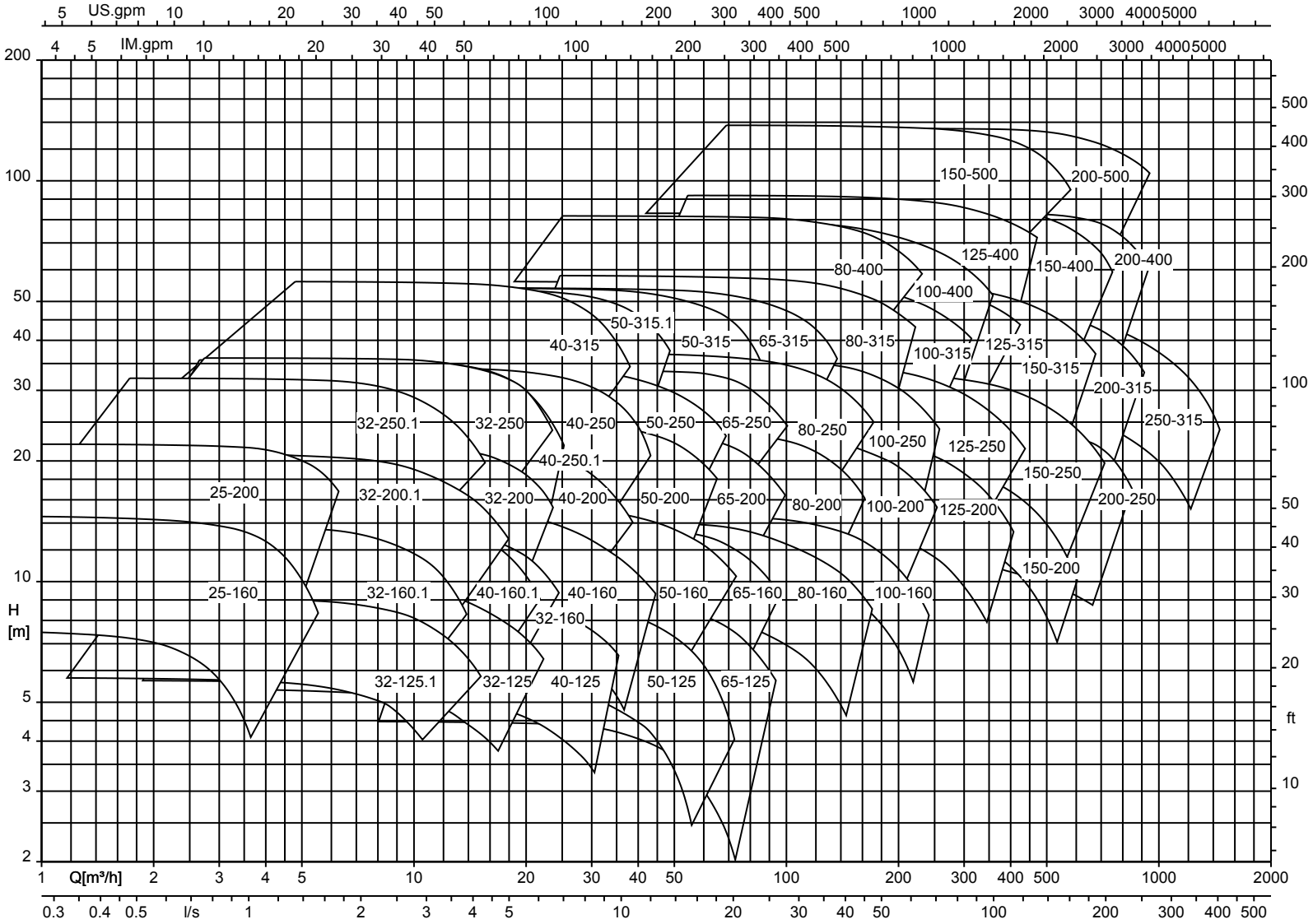
Diagramas de características

MegaCPK, Meganorm, Megabloc, n = 3500 rpm



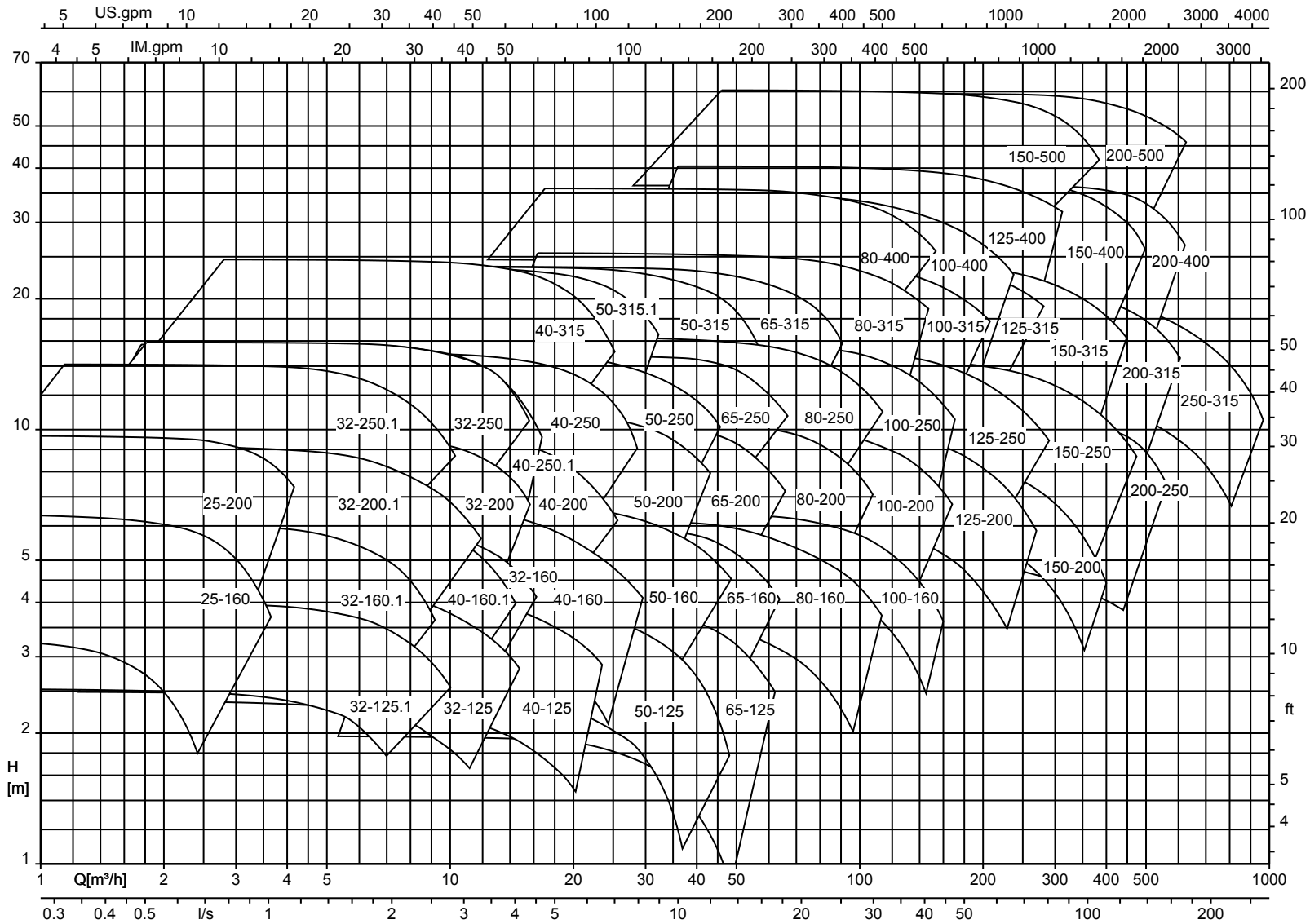
Os tamanhos 40-160.1, 40-250.1 und 50-315.1 estão disponíveis apenas na Europa.

MegaCPK, Meganorm, Megabloc, n = 1750 rpm



Os tamanhos 40-160.1, 40-250.1 und 50-315.1 estão disponíveis apenas na Europa.

MegaCPK, Meganorm, n = 1160 rpm



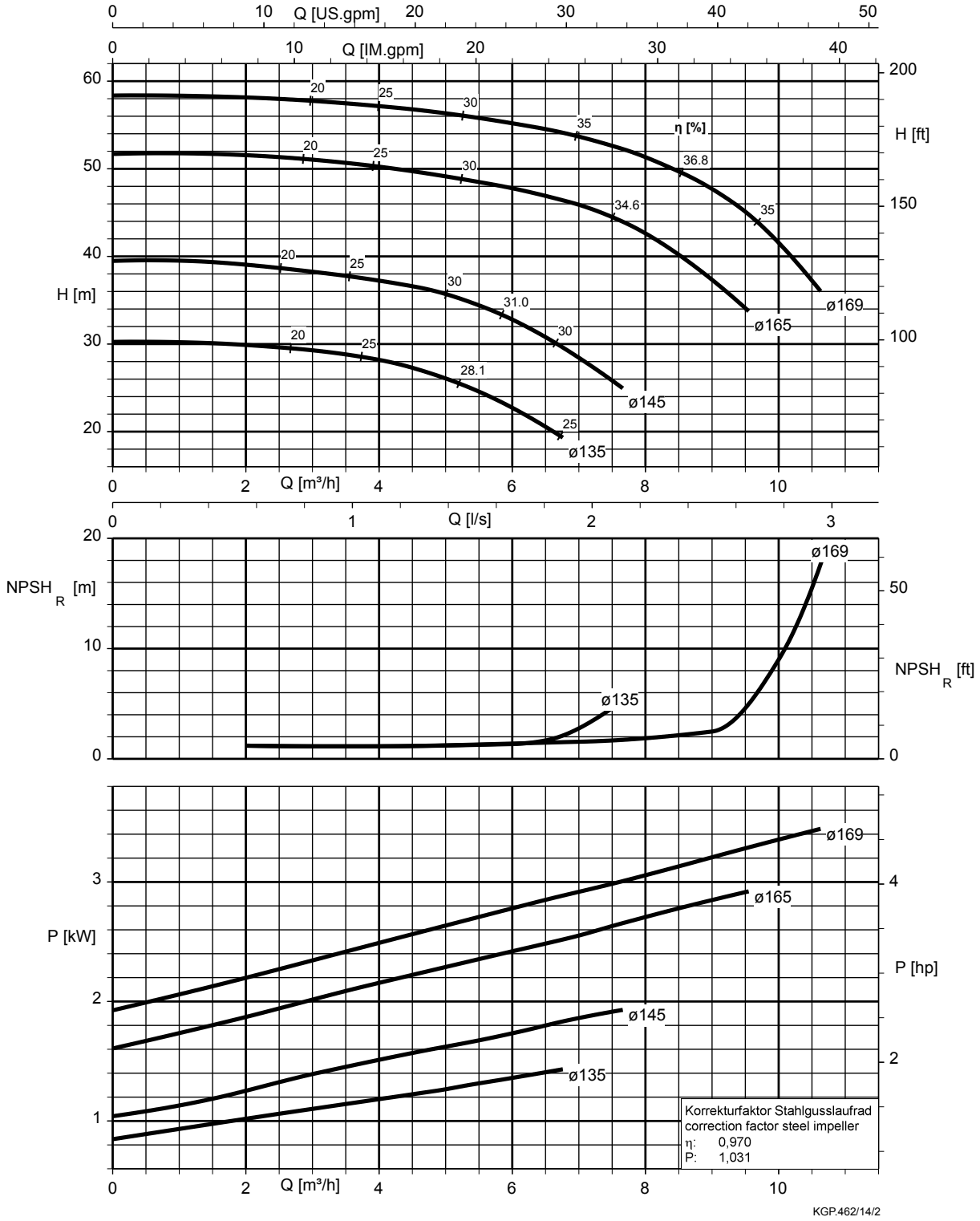
Os tamanhos 40-160.1, 40-250.1 und 50-315.1 estão disponíveis apenas na Europa.

Curvas características

n = 3500 r.p.m.

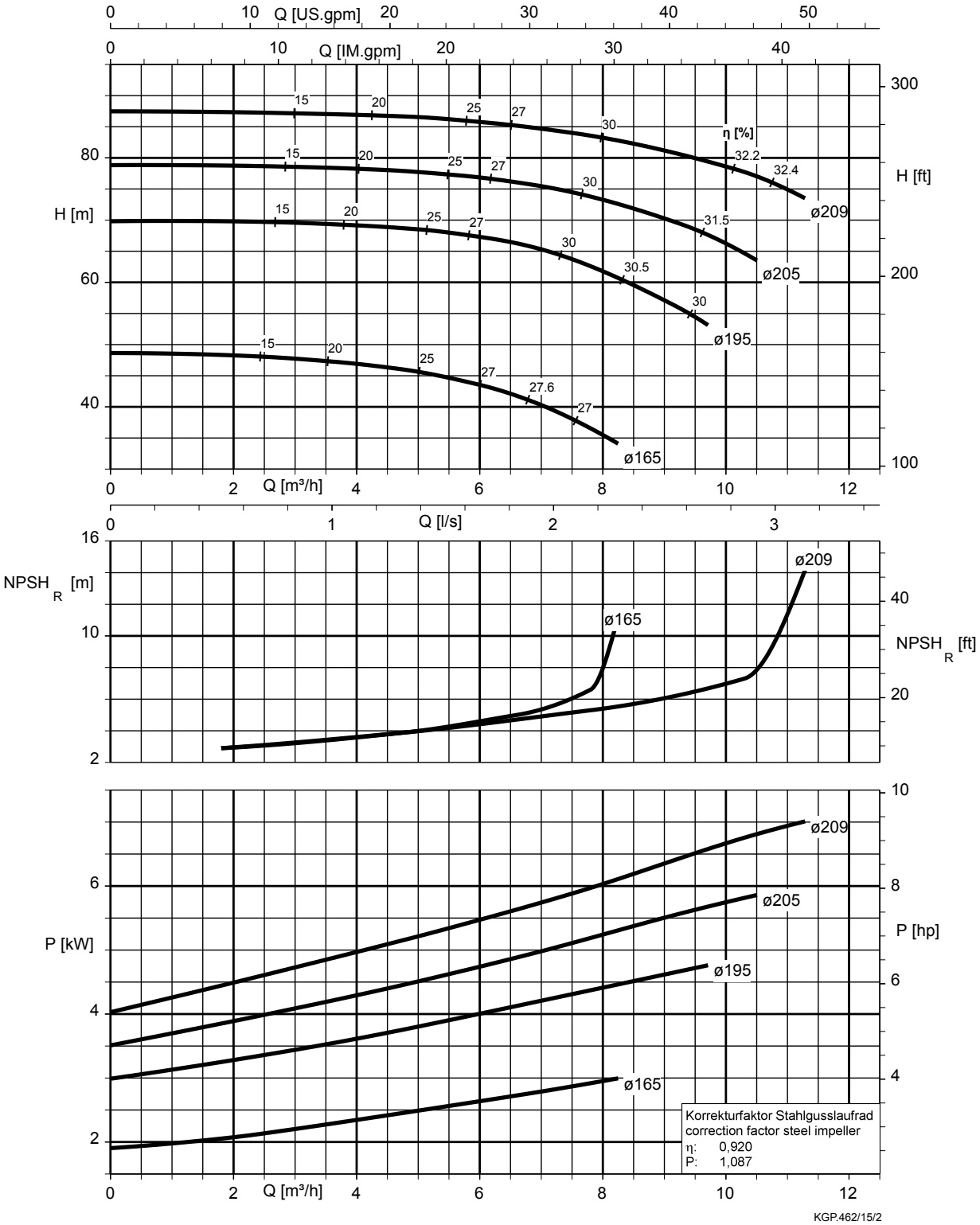
MegaCPK 040-025-160, n = 3.500 rpm

Meganorm, Megabloc



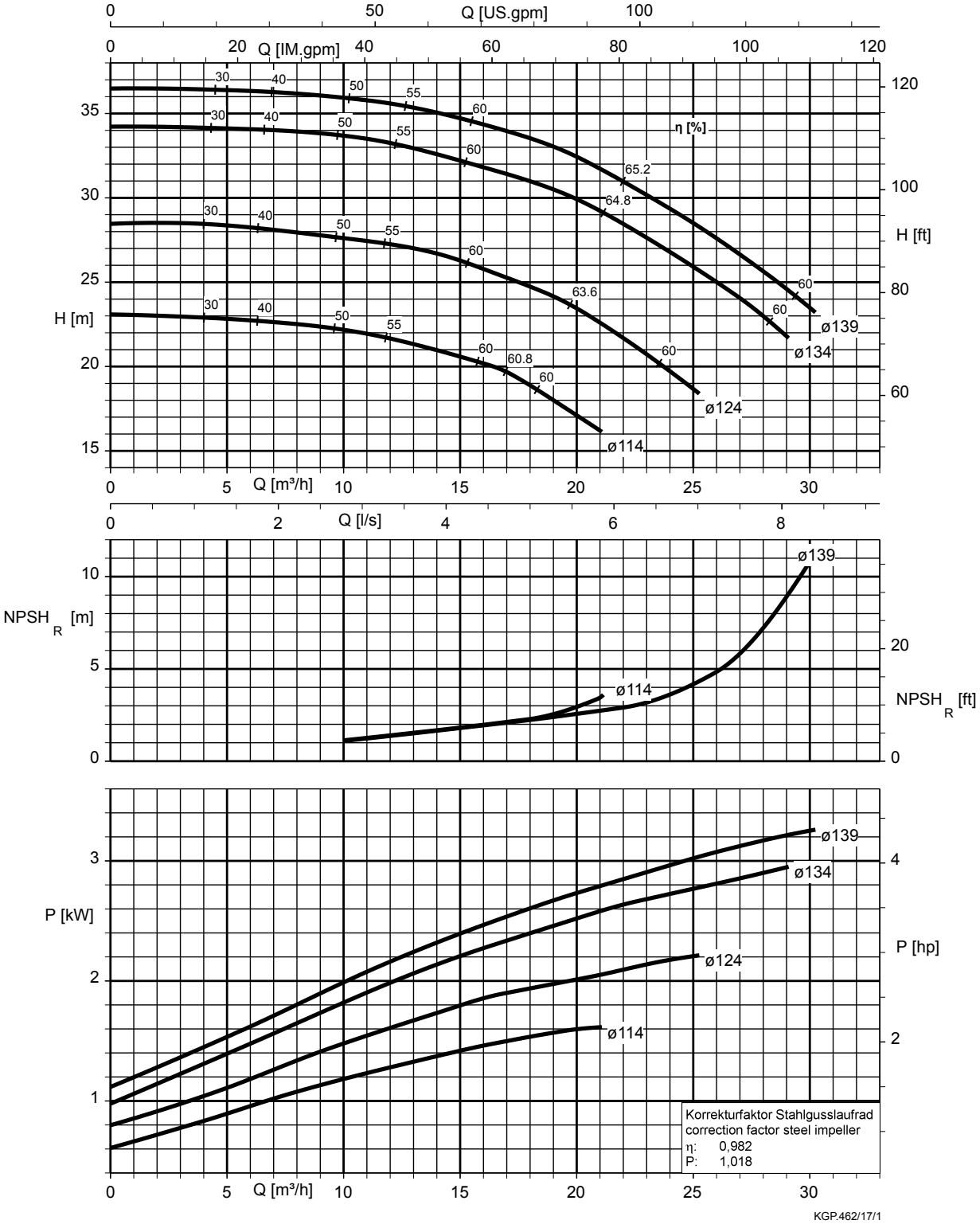
MegaCPK 040-025-200, n = 3.500 rpm

Meganorm, Megabloc



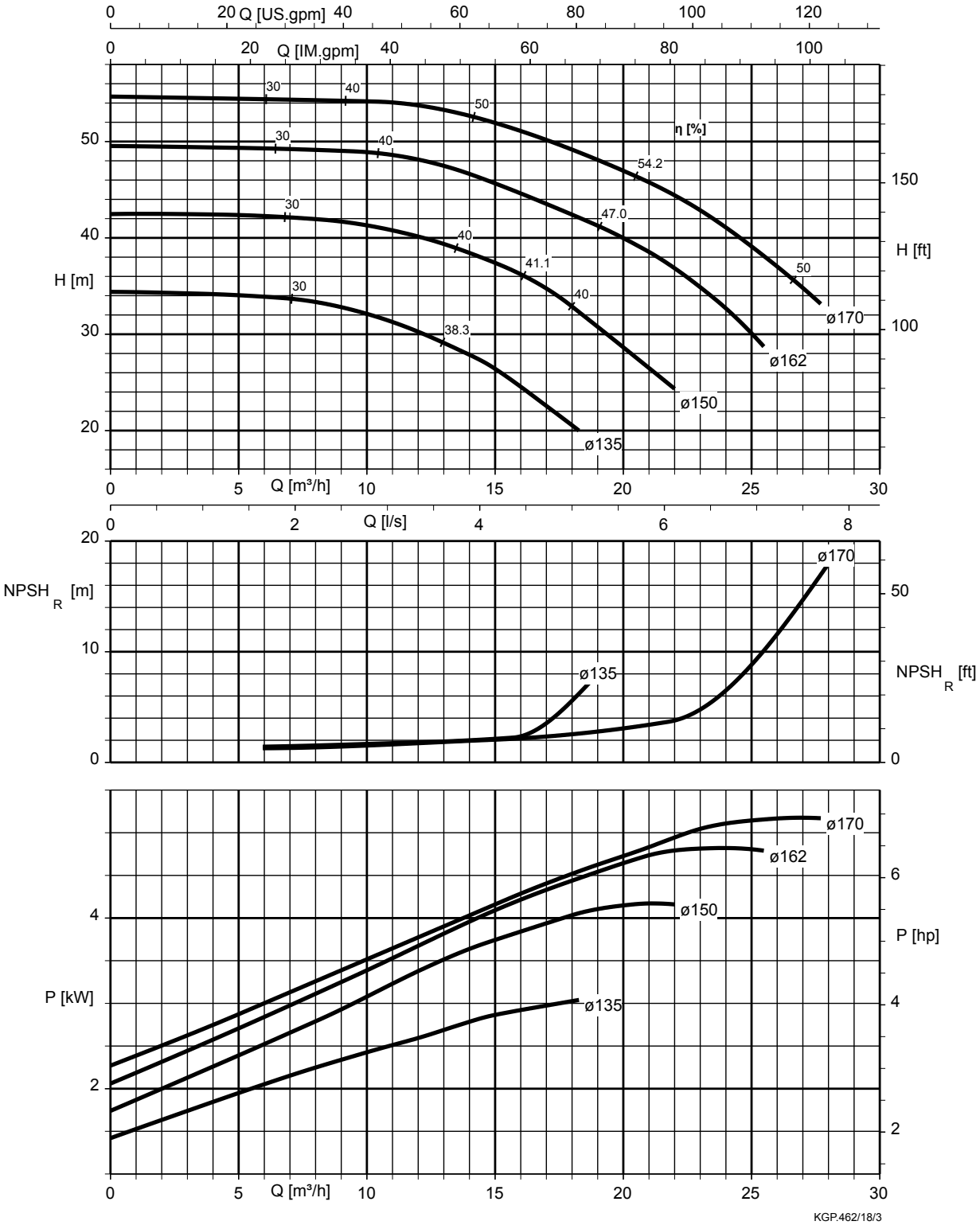
MegaCPK 050-032-125.1, n = 3.500 rpm

Meganorm, Megabloc



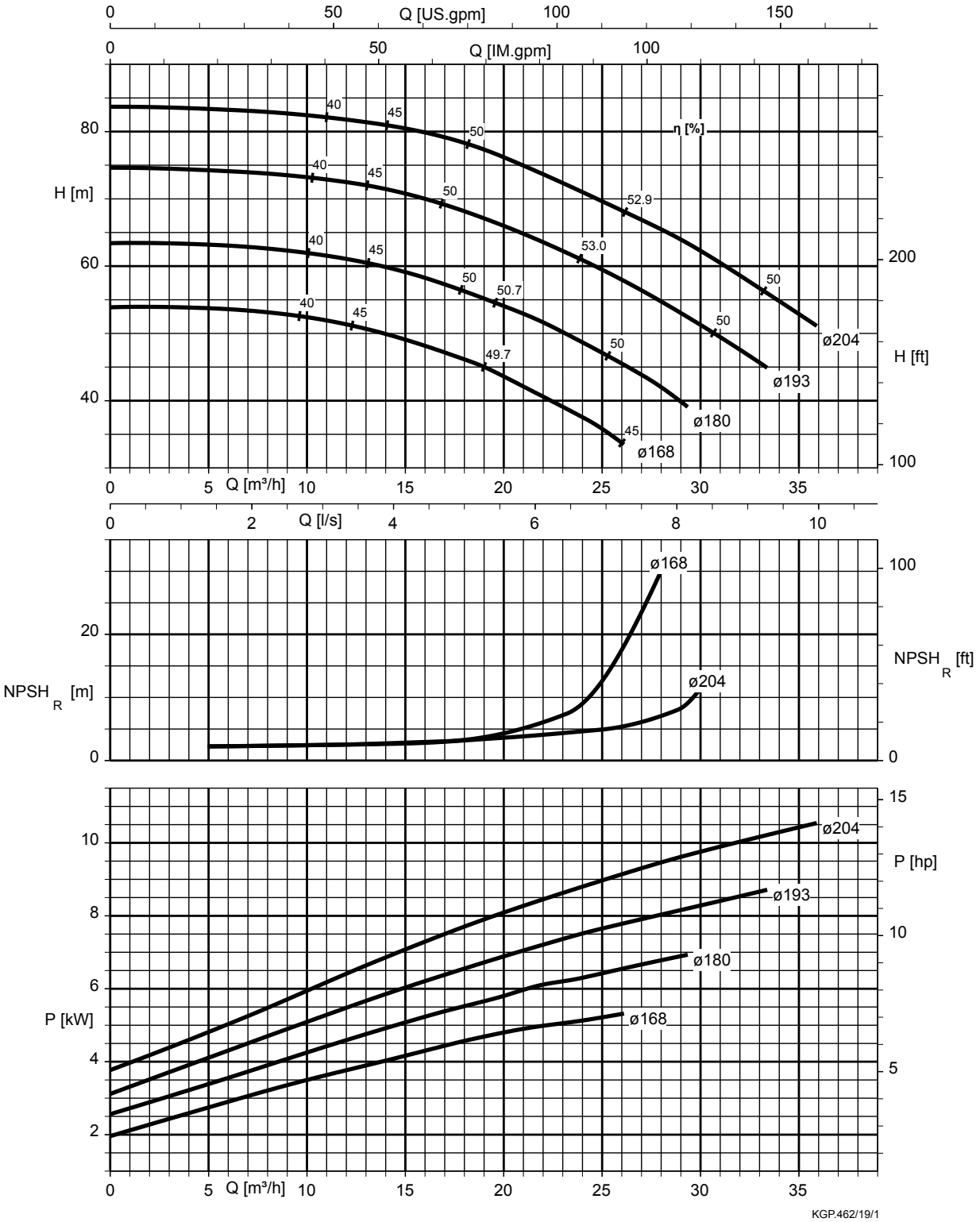
MegaCPK 050-032-160.1, n = 3.500 rpm

Meganorm, Megabloc



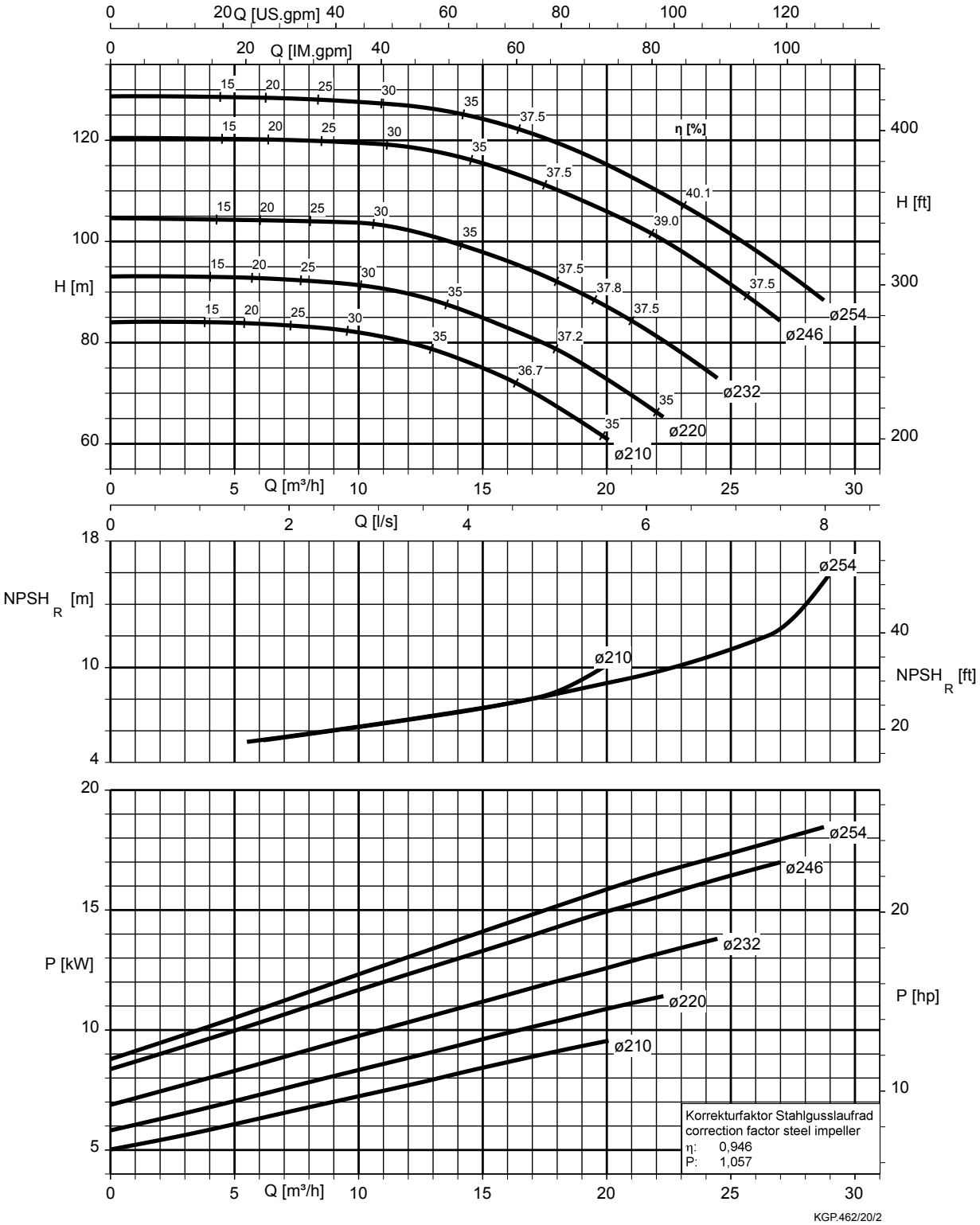
MegaCPK 050-032-200.1, n = 3.500 rpm

Meganorm, Megabloc



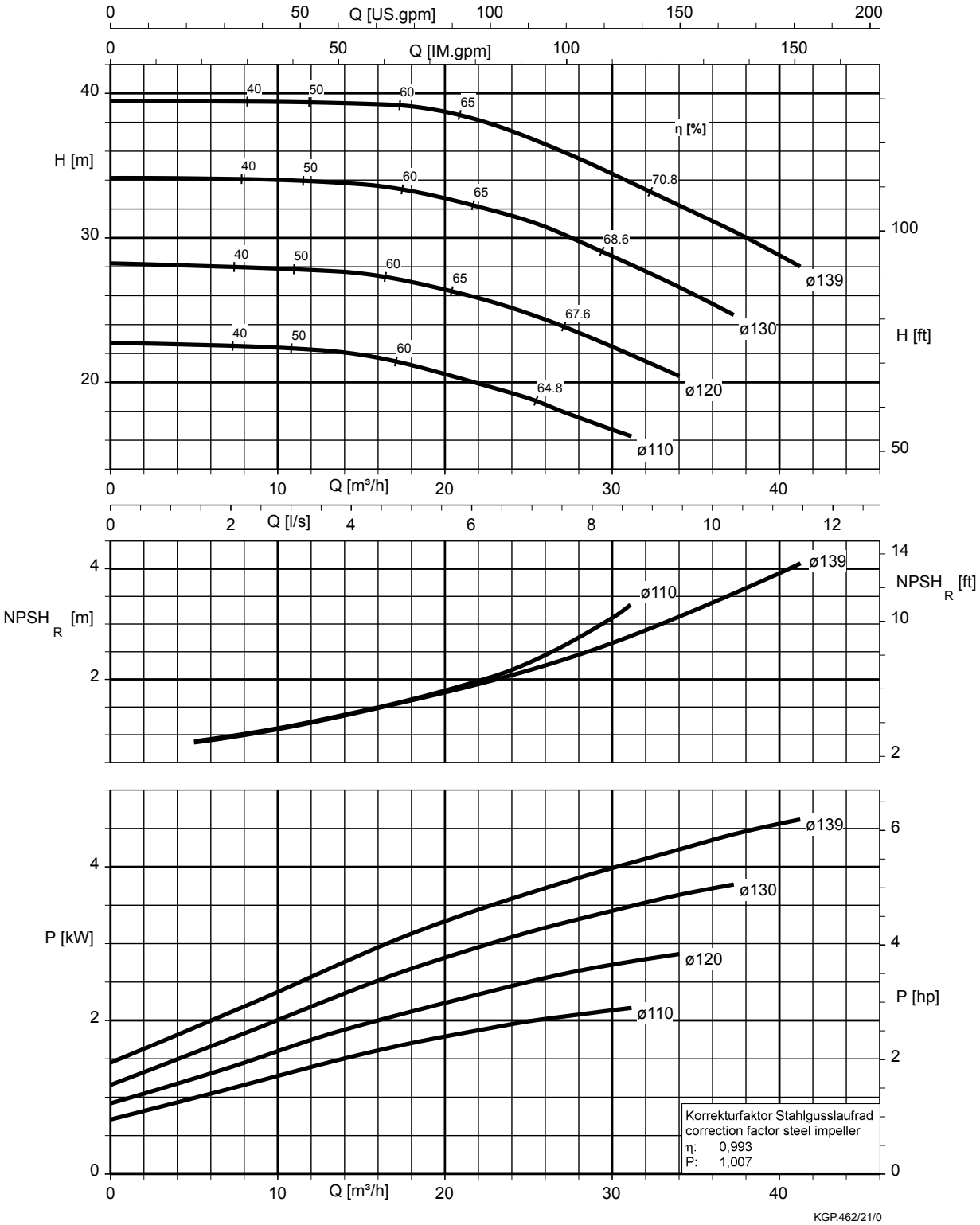
MegaCPK 050-032-250.1, n = 3.500 rpm

Meganorm, Megabloc



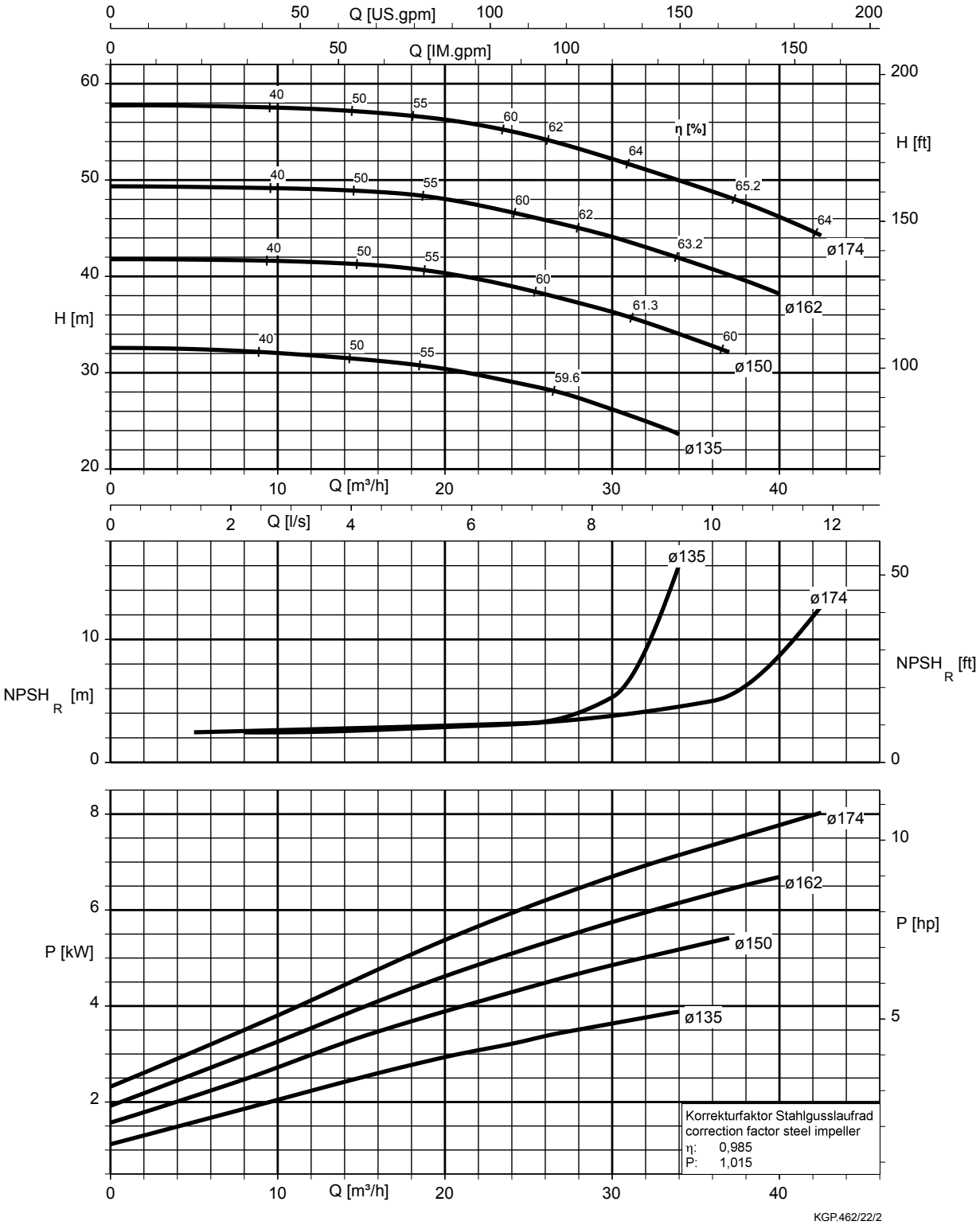
MegaCPK 050-032-125, n = 3.500 rpm

Meganorm, Megabloc



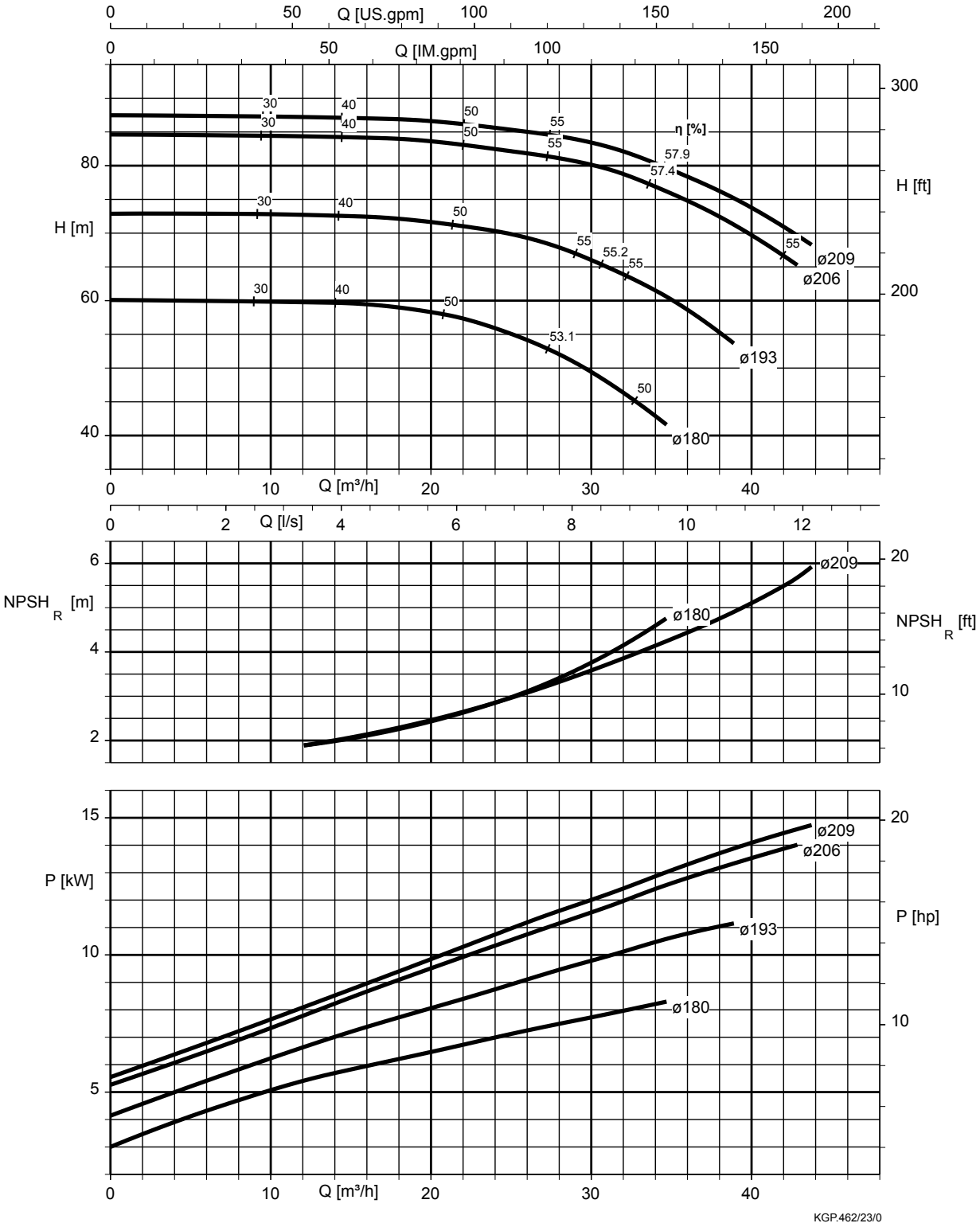
MegaCPK 050-032-160, n = 3.500 rpm

Meganorm, Megabloc



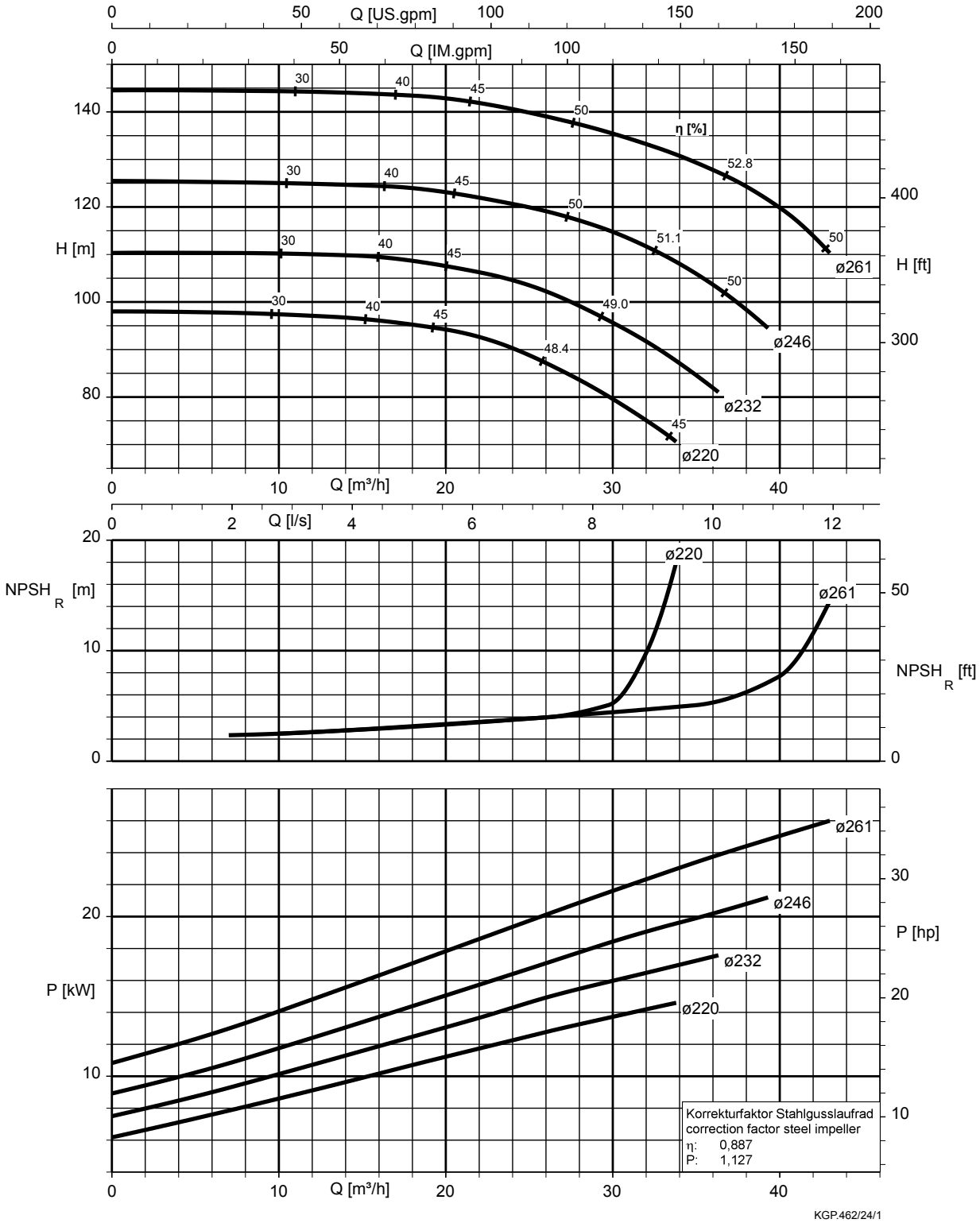
MegaCPK 050-032-200, n = 3.500 rpm

Meganorm, Megabloc



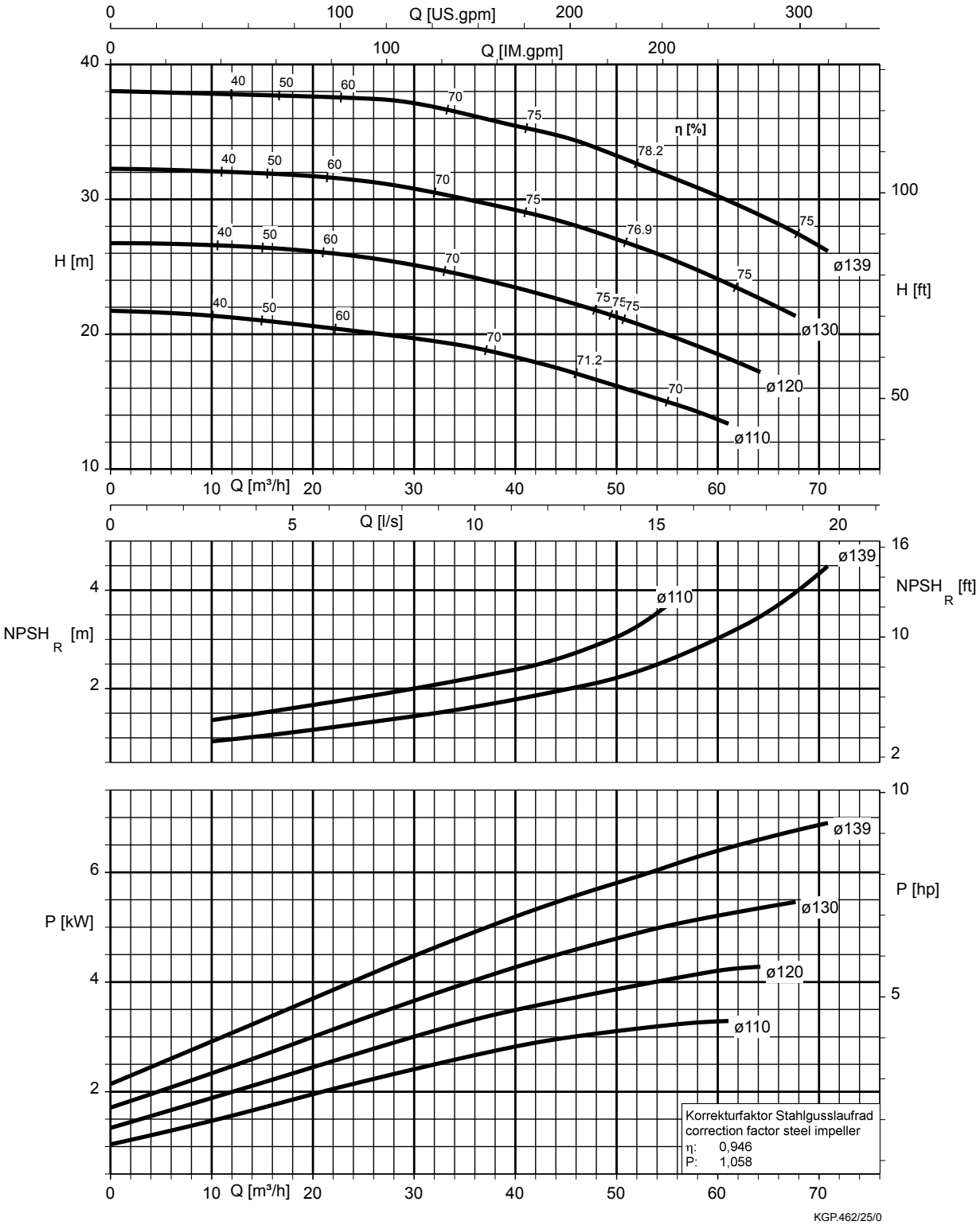
MegaCPK 050-032-250, n = 3.500 rpm

Meganorm, Megabloc



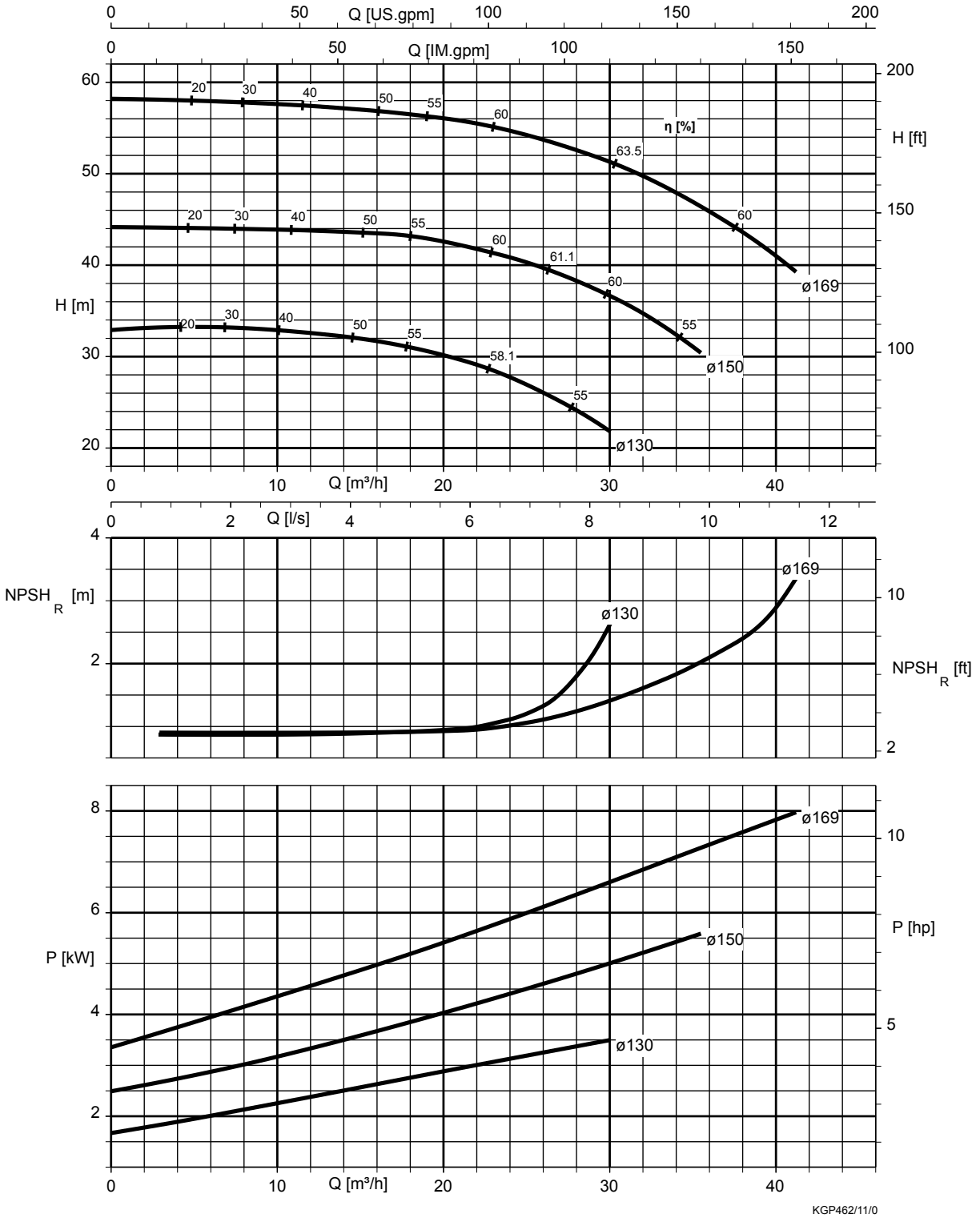
MegaCPK 065-040-125, n = 3.500 rpm

Meganorm, Megabloc



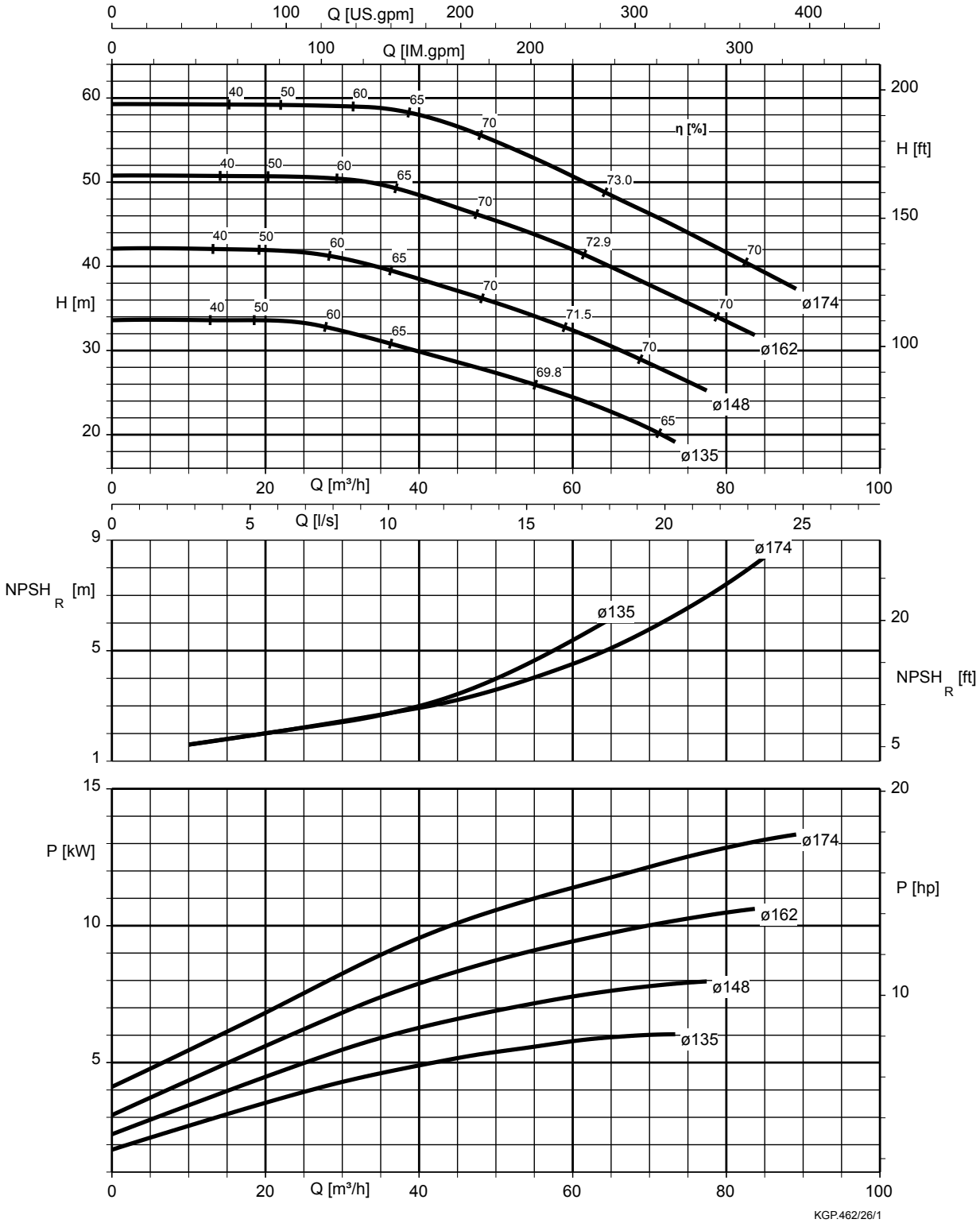
MegaCPK 065-040-160.1, n = 3500 rpm

Meganorm



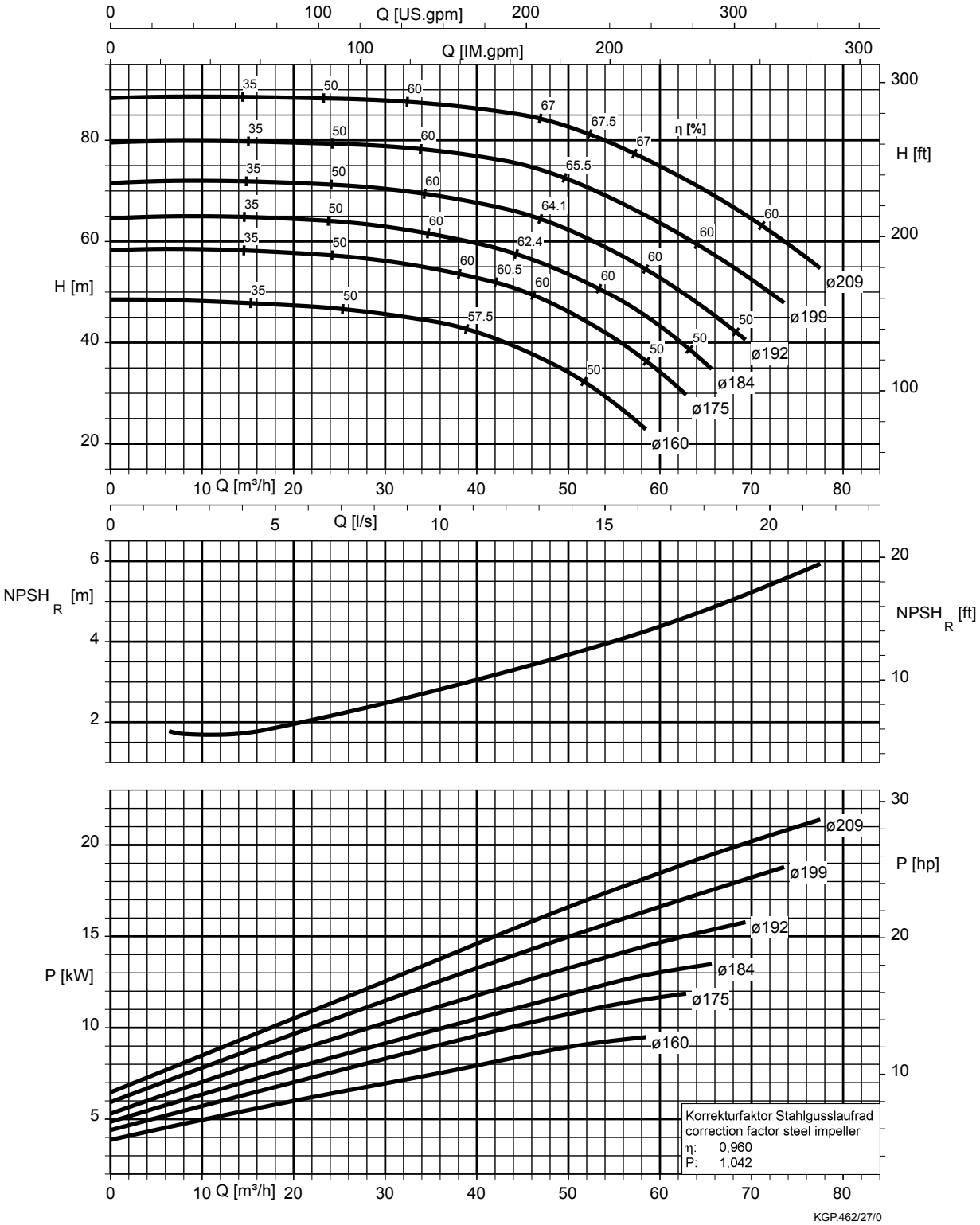
MegaCPK 065-040-160, n = 3.500 rpm

Meganorm, Megabloc



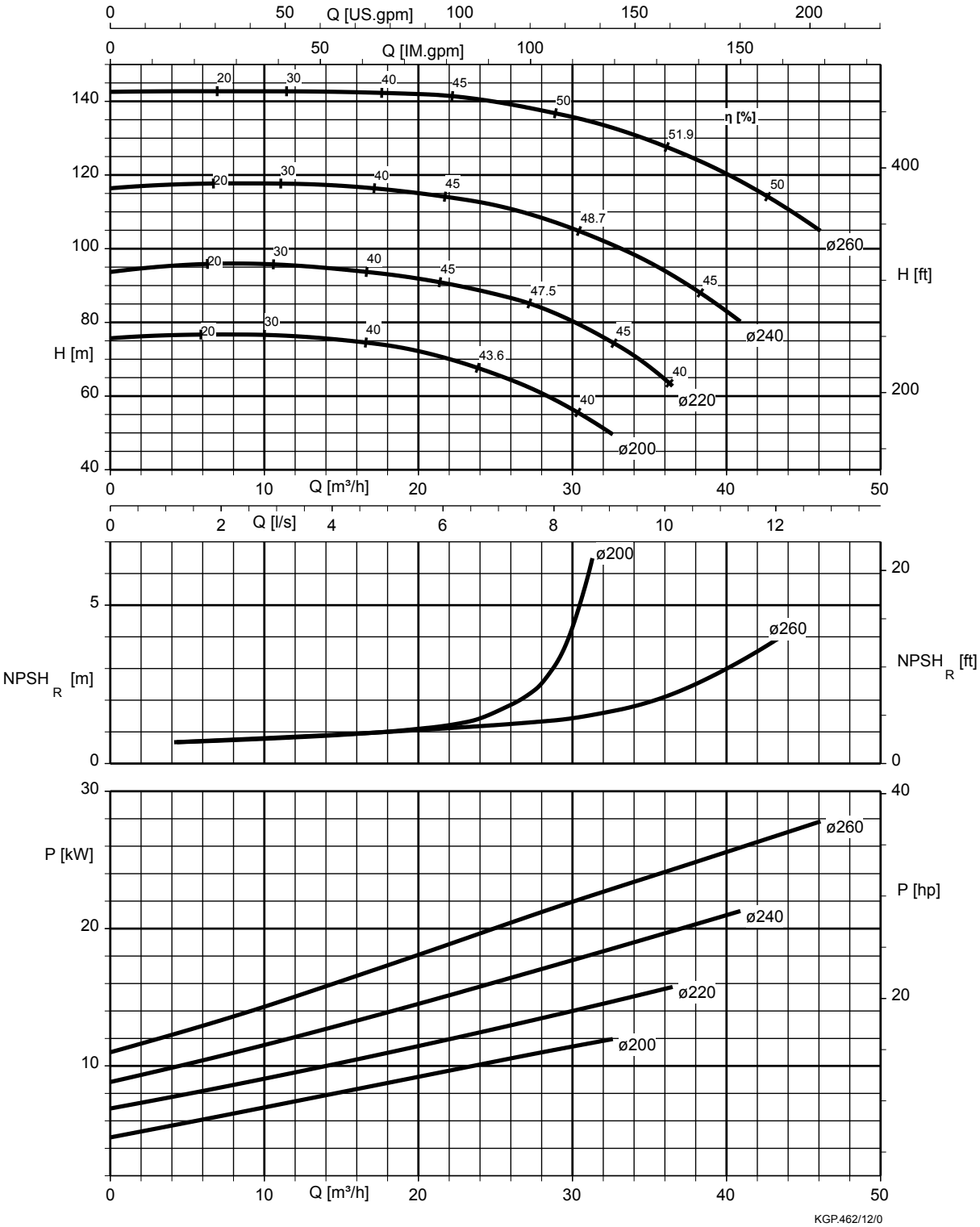
MegaCPK 065-040-200, n = 3.500 rpm

Meganorm, Megabloc



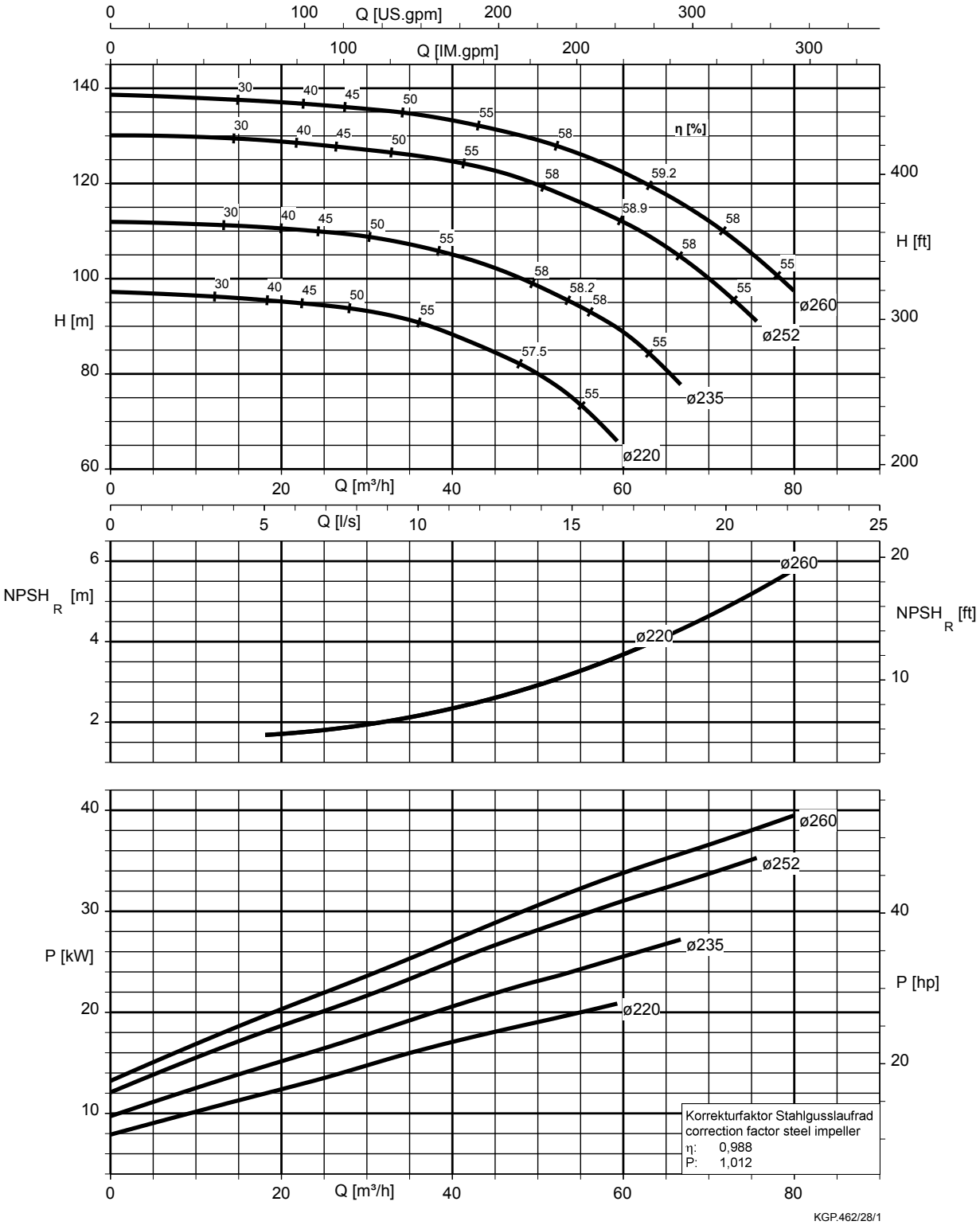
MegaCPK 065-040-250.1, n = 3500 rpm

Meganorm



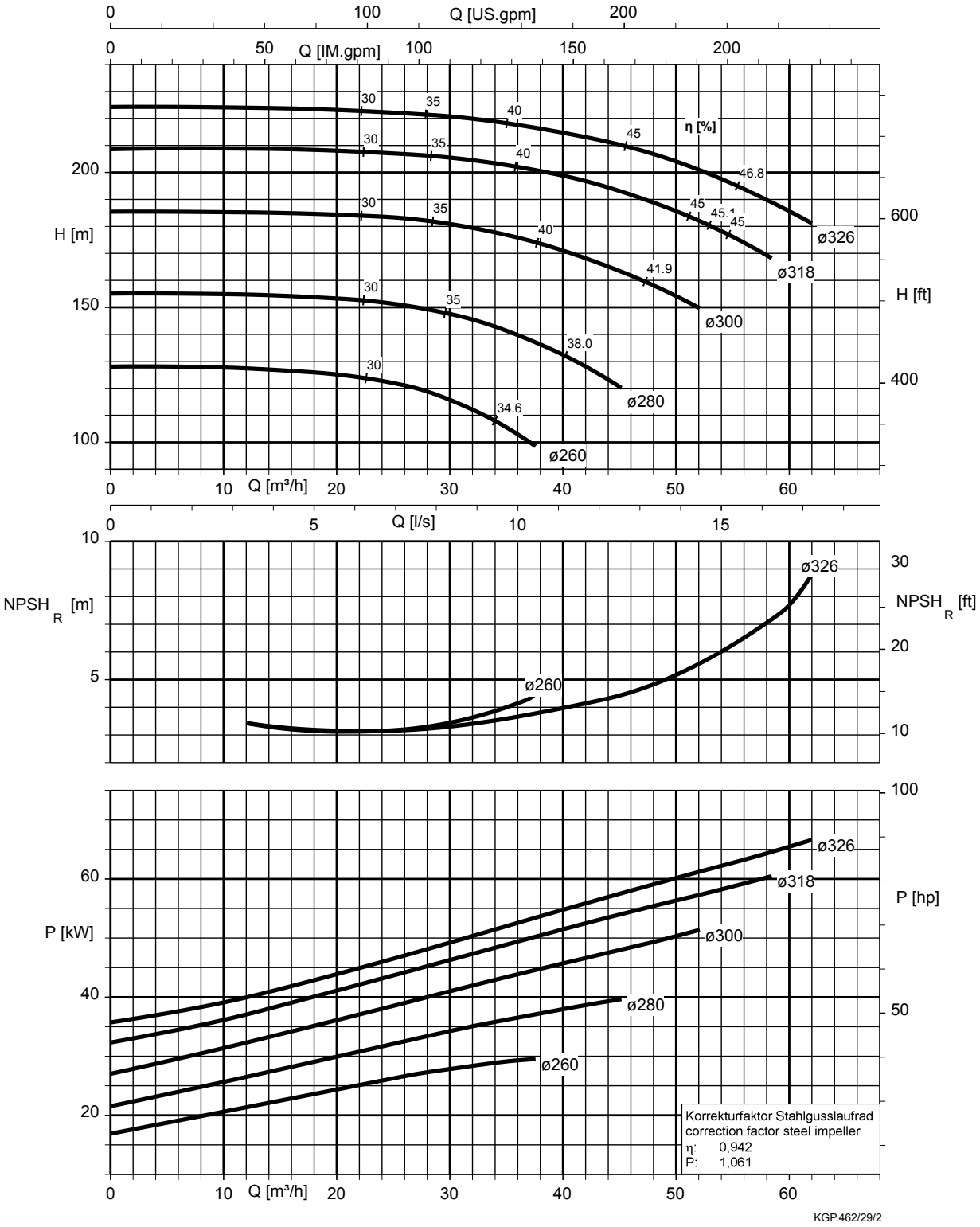
MegaCPK 065-040-250, n = 3.500 rpm

Meganorm, Megabloc



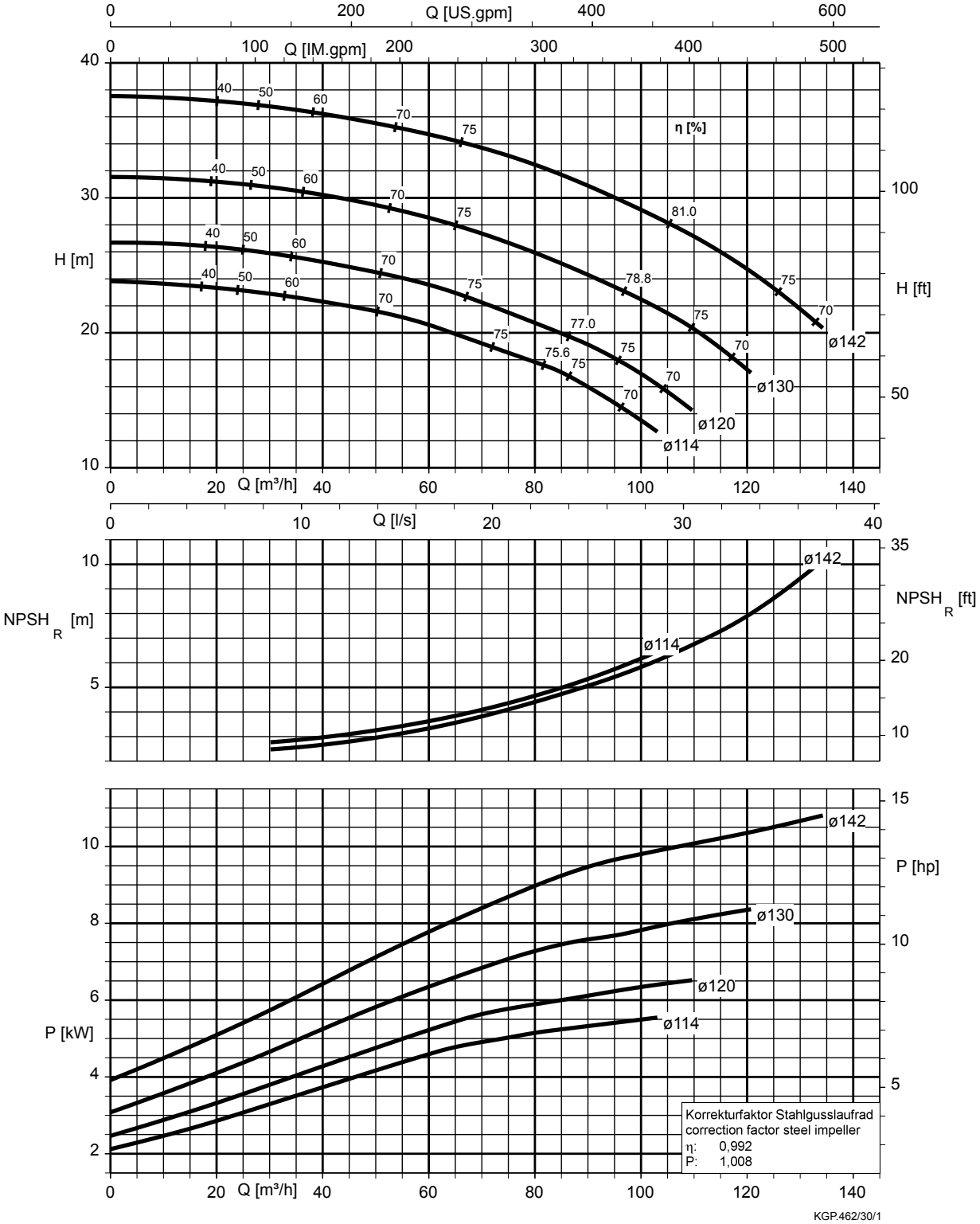
MegaCPK 065-040-315, n = 3.500 rpm

Meganorm



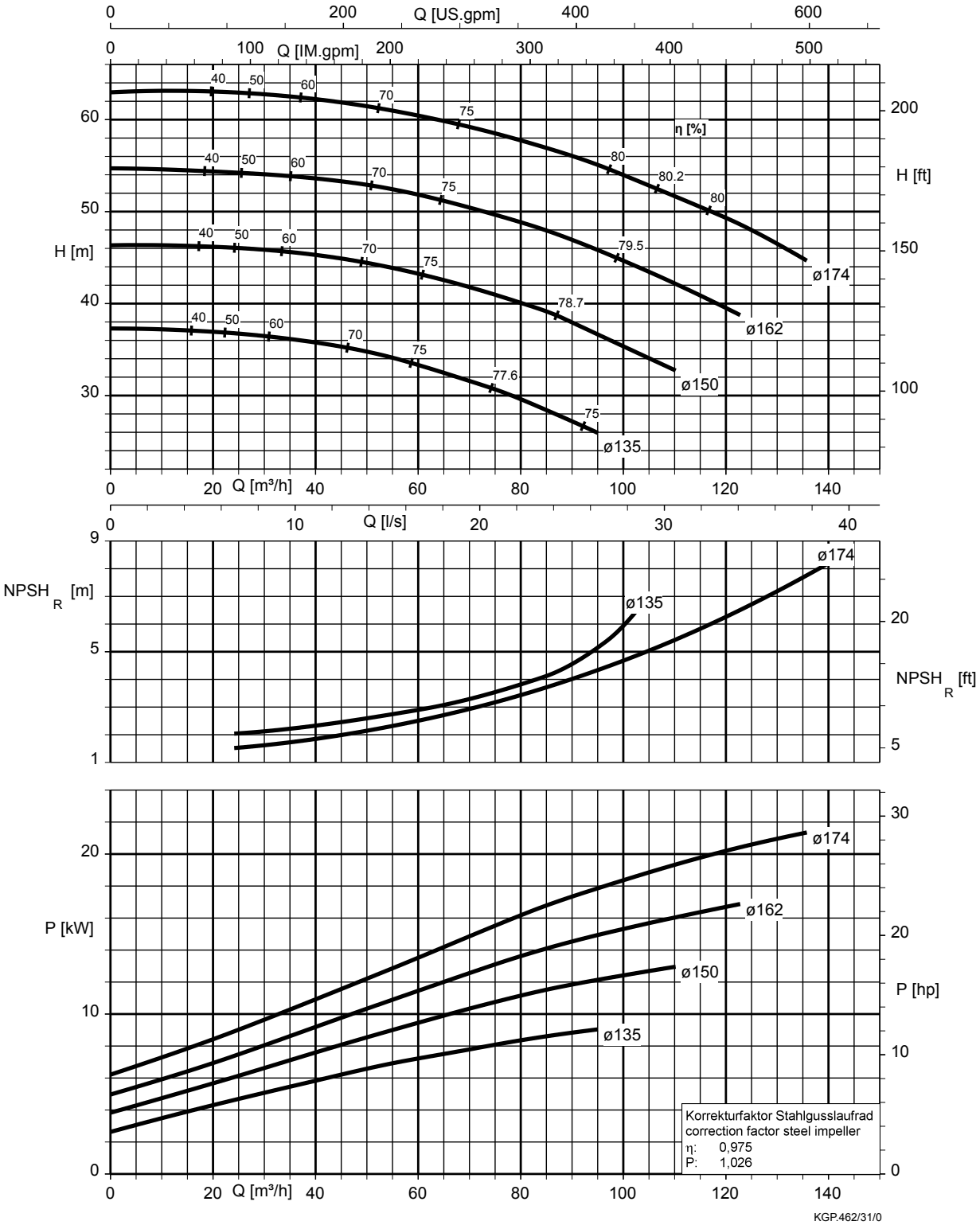
MegaCPK 080-050-125, n = 3.500 rpm

Meganorm, Megabloc



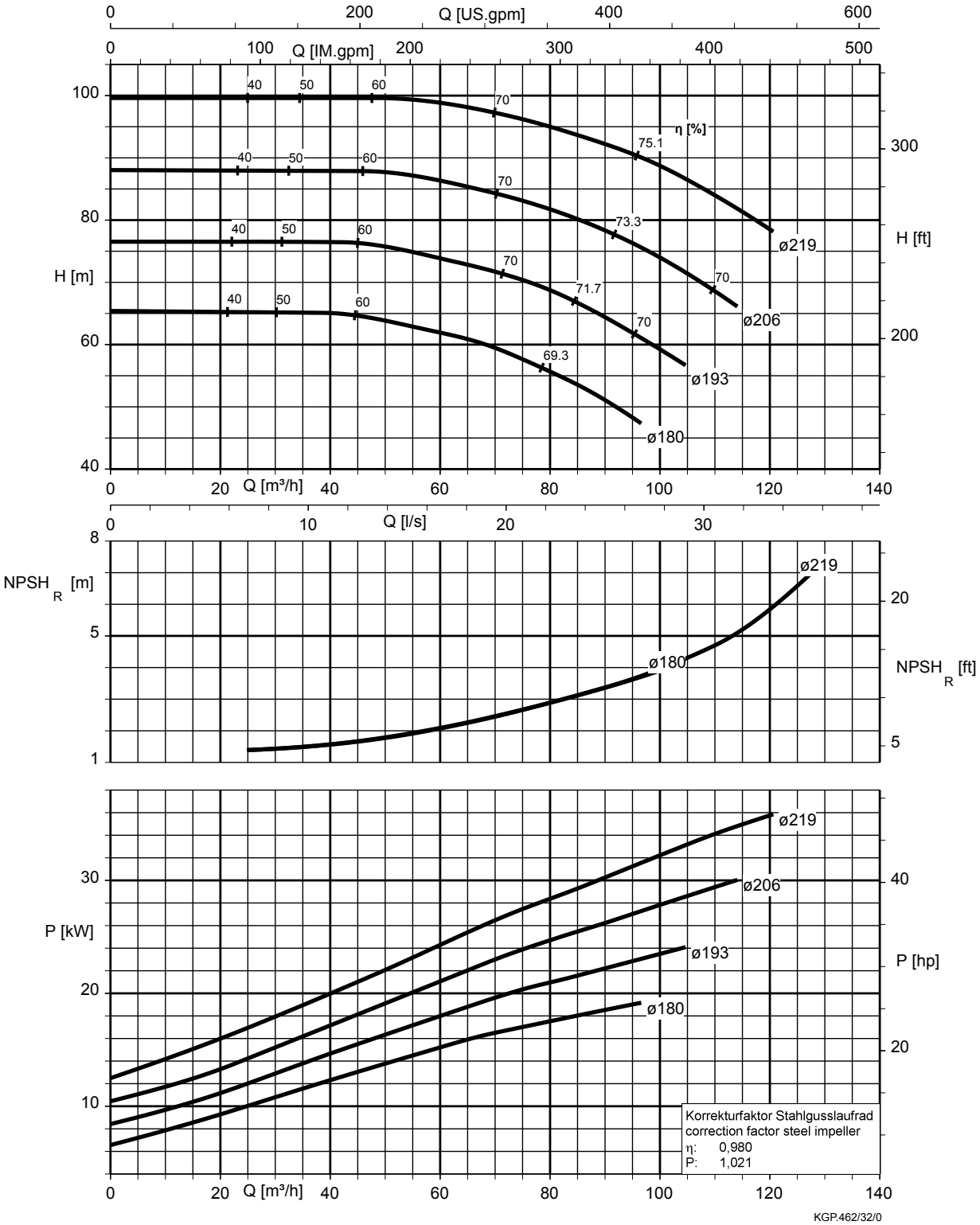
MegaCPK 080-050-160, n = 3.500 rpm

Meganorm, Megabloc



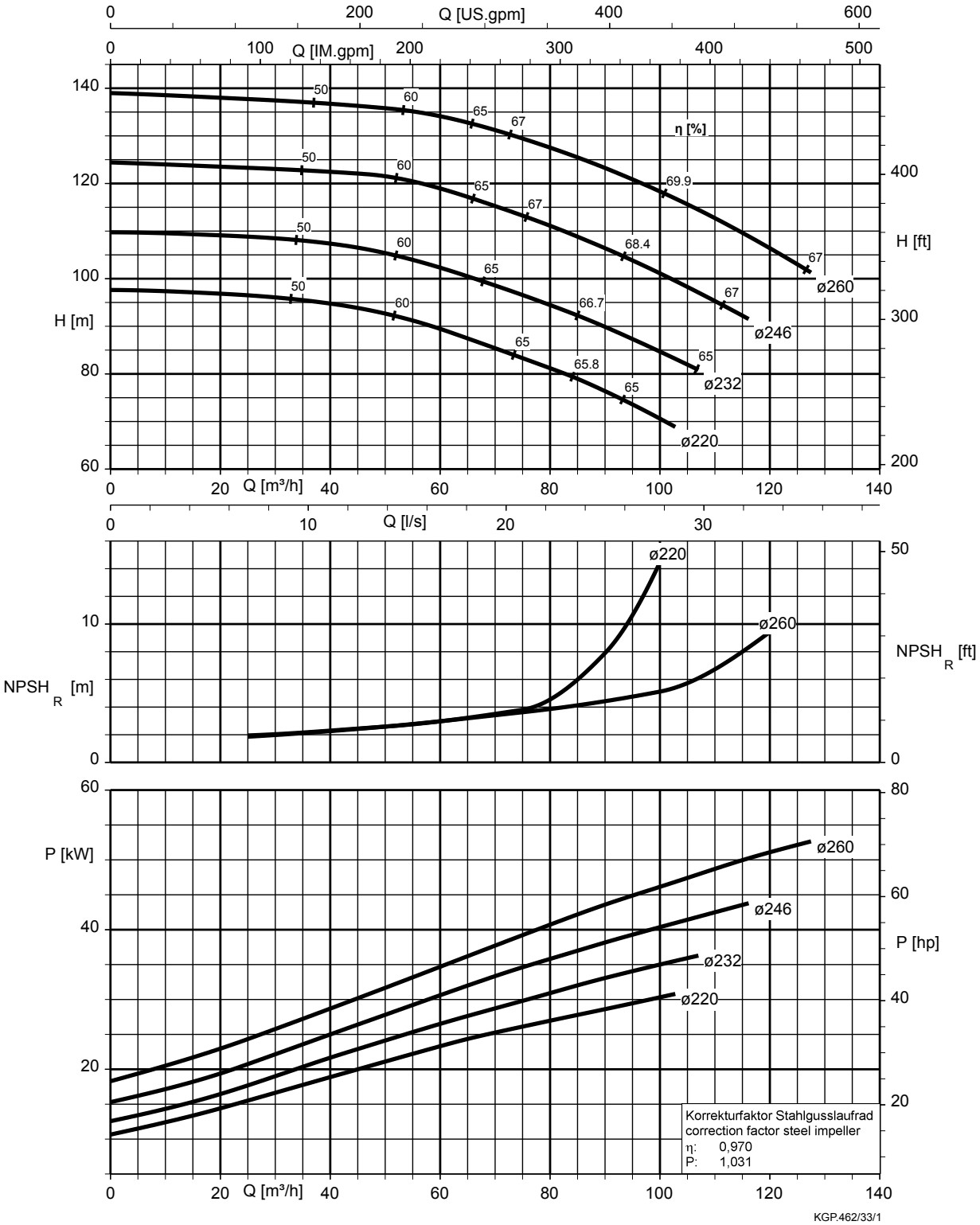
MegaCPK 080-050-200, n = 3.500 rpm

Meganorm, Megabloc



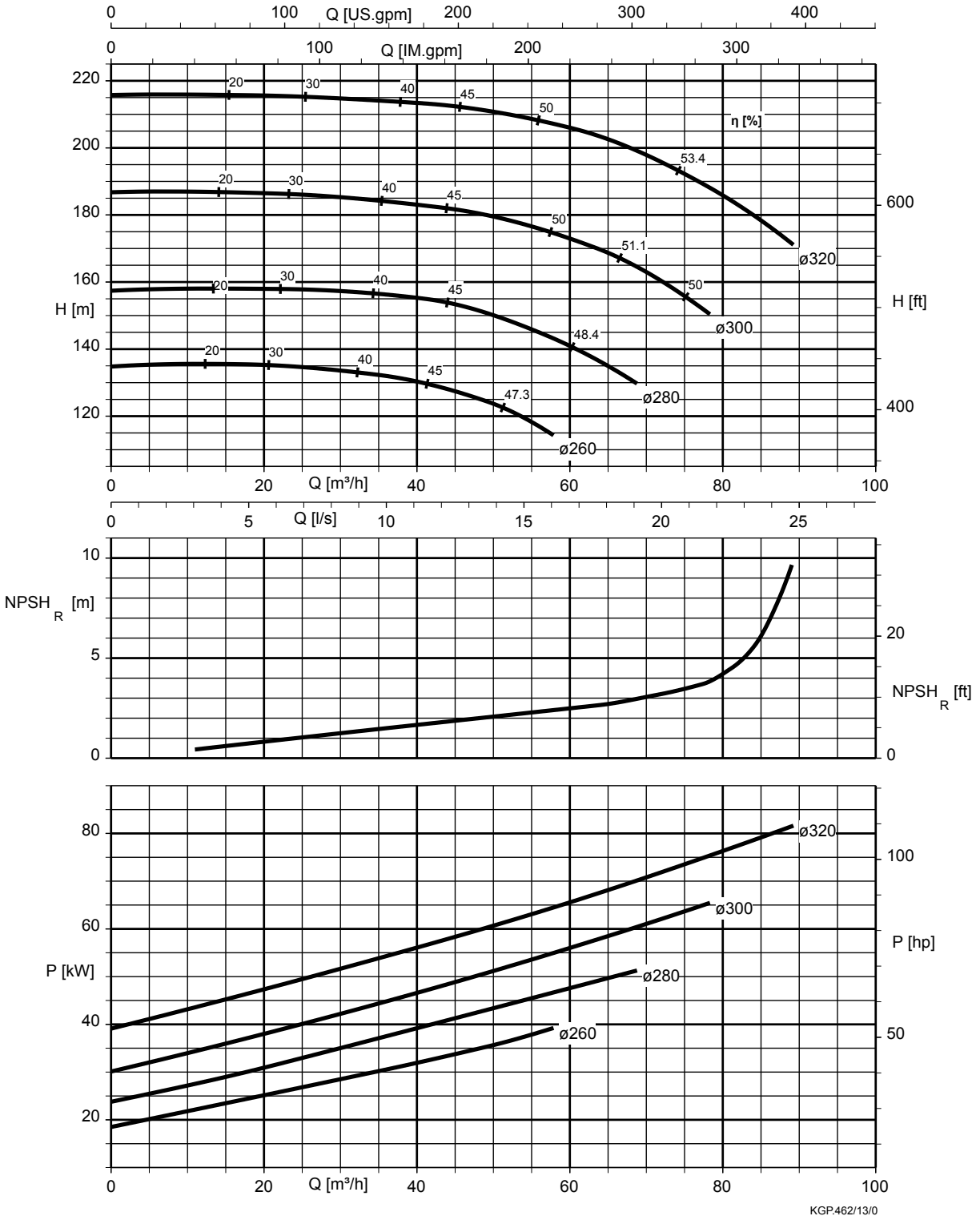
MegaCPK 080-050-250, n = 3.500 rpm

Meganorm



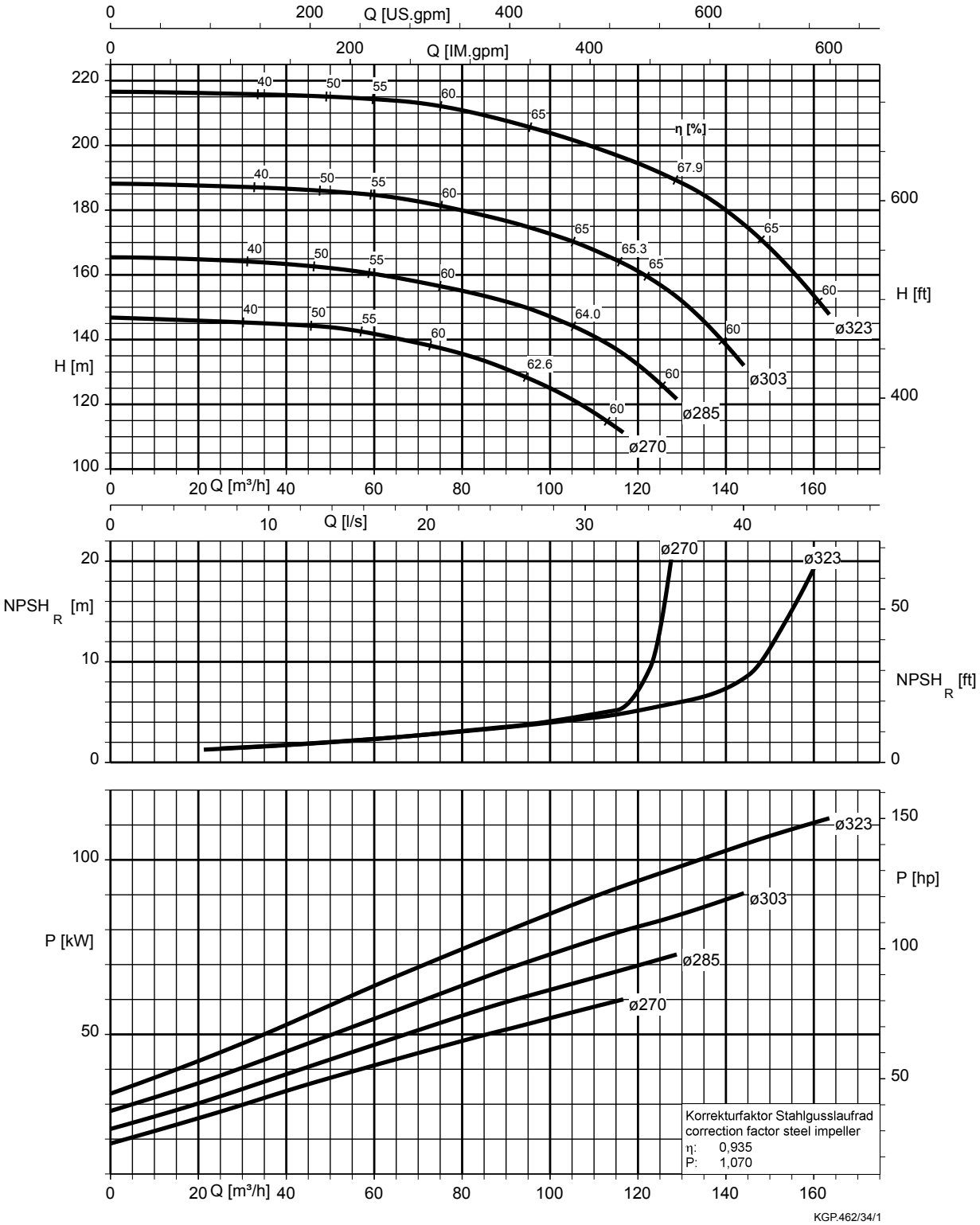
MegaCPK 080-050-315.1, n = 3500 rpm

Meganorm



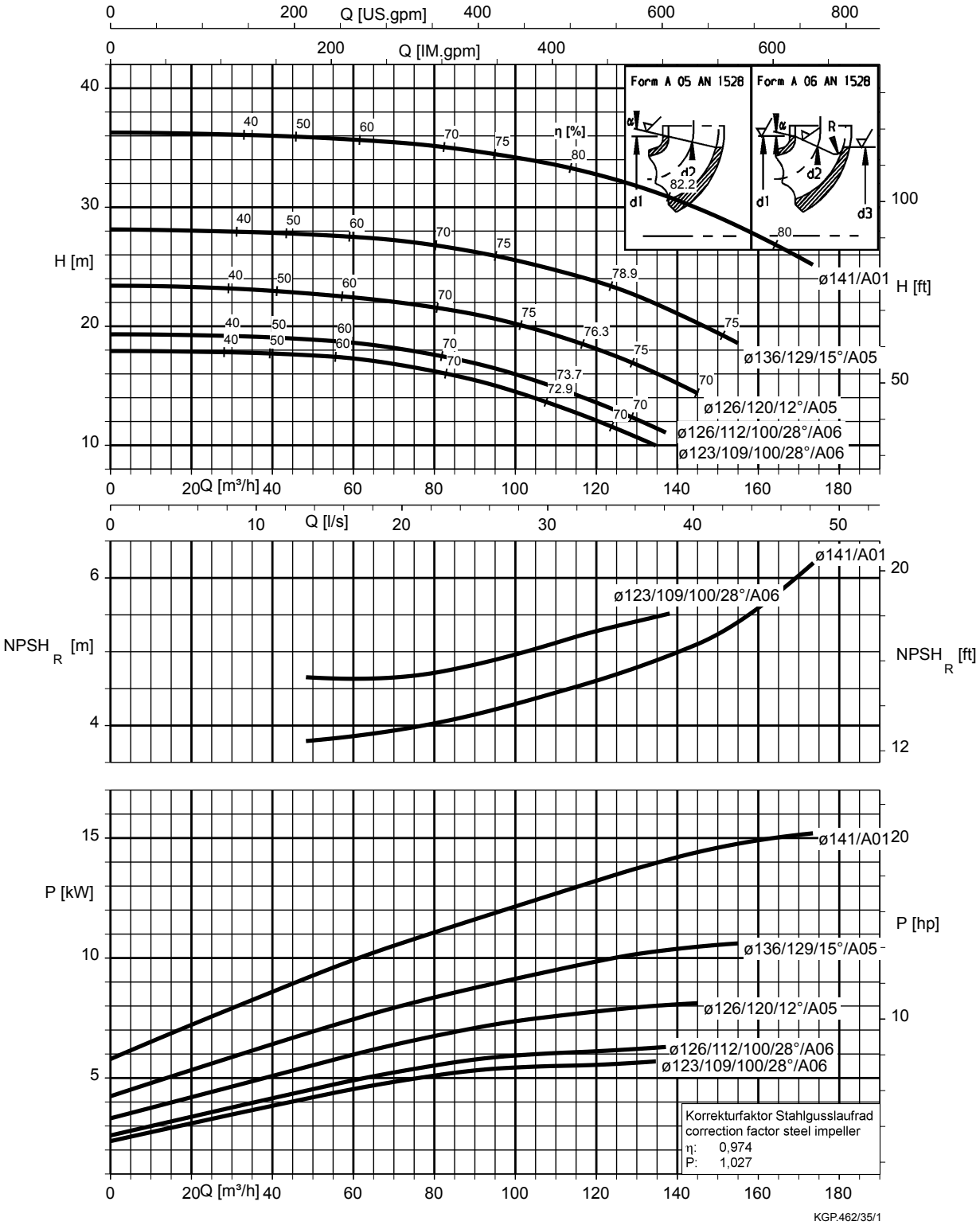
MegaCPK 080-050-315, n = 3.500 rpm

Meganorm



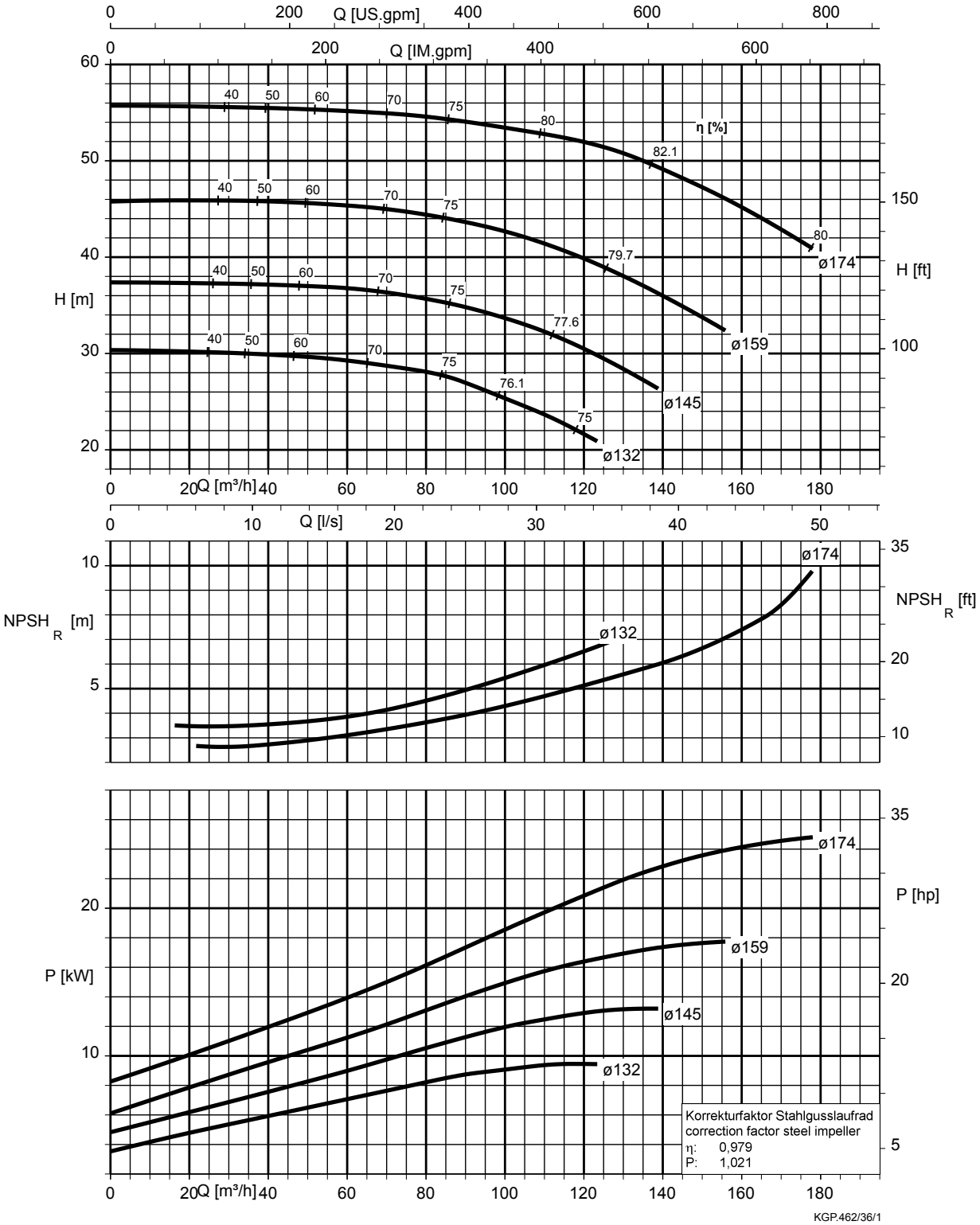
MegaCPK 100-065-125, n = 3.500 rpm

Meganorm, Megabloc



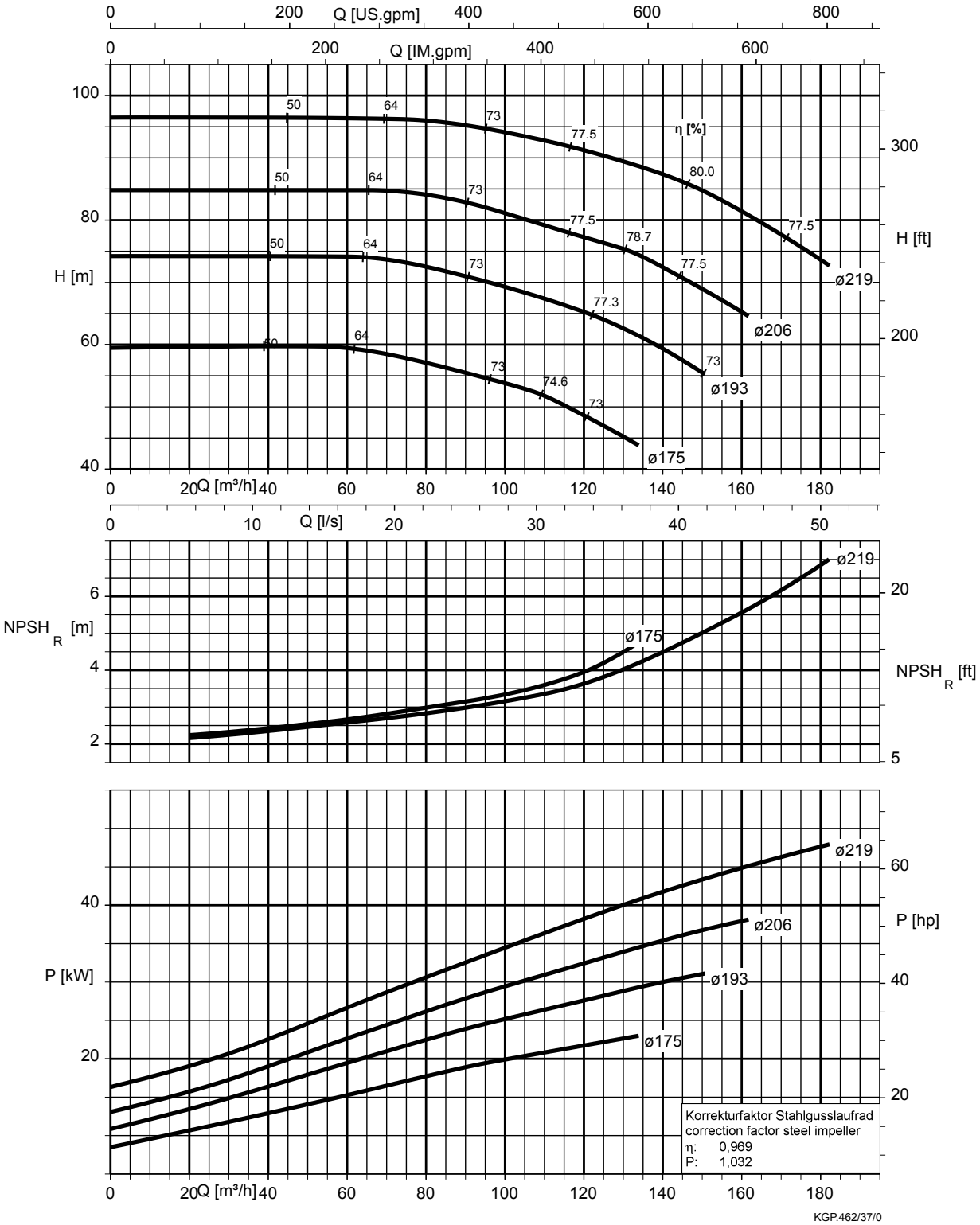
MegaCPK 100-065-160, n = 3.500 rpm

Meganorm, Megabloc



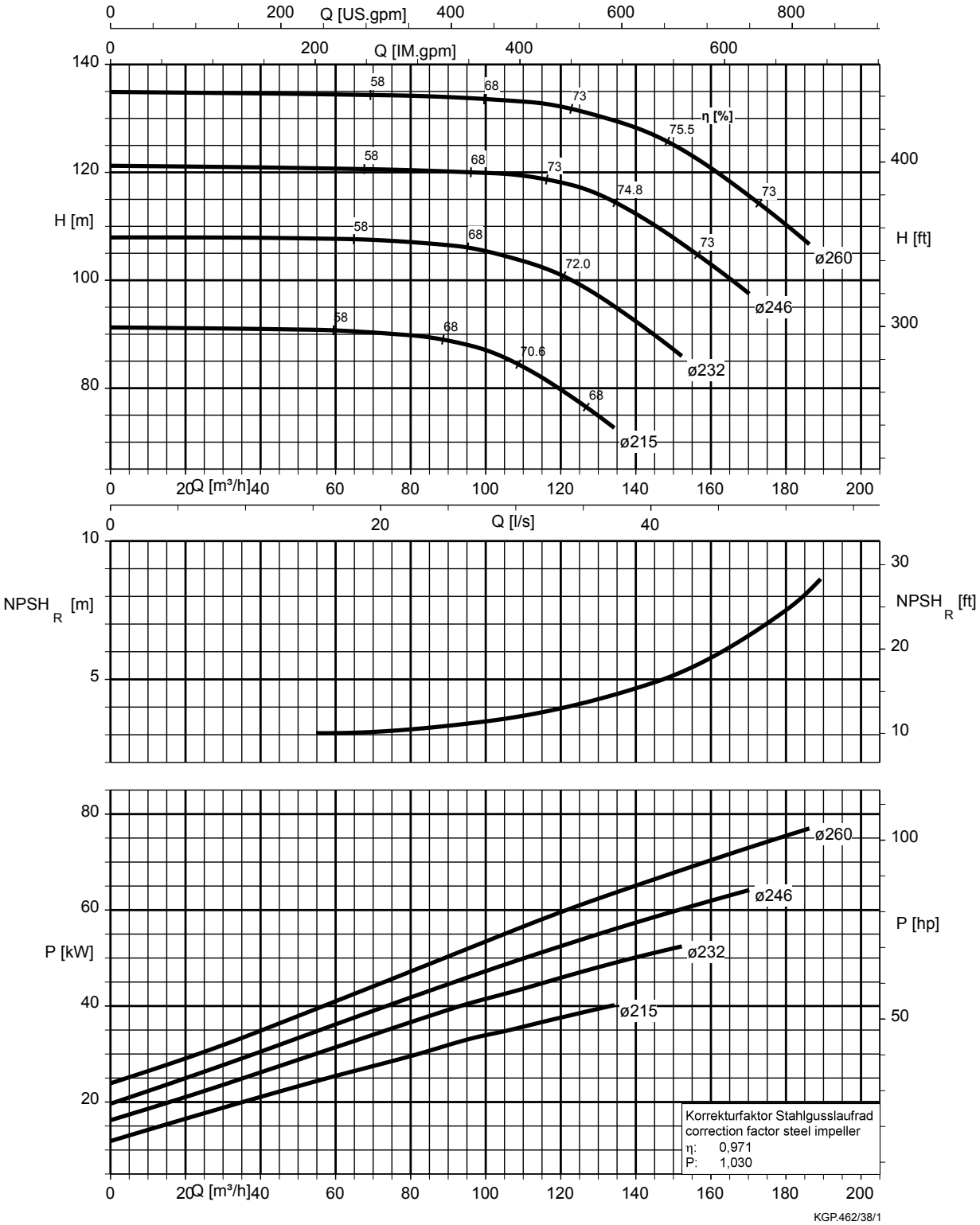
MegaCPK 100-065-200, n = 3.500 rpm

Meganorm, Megabloc



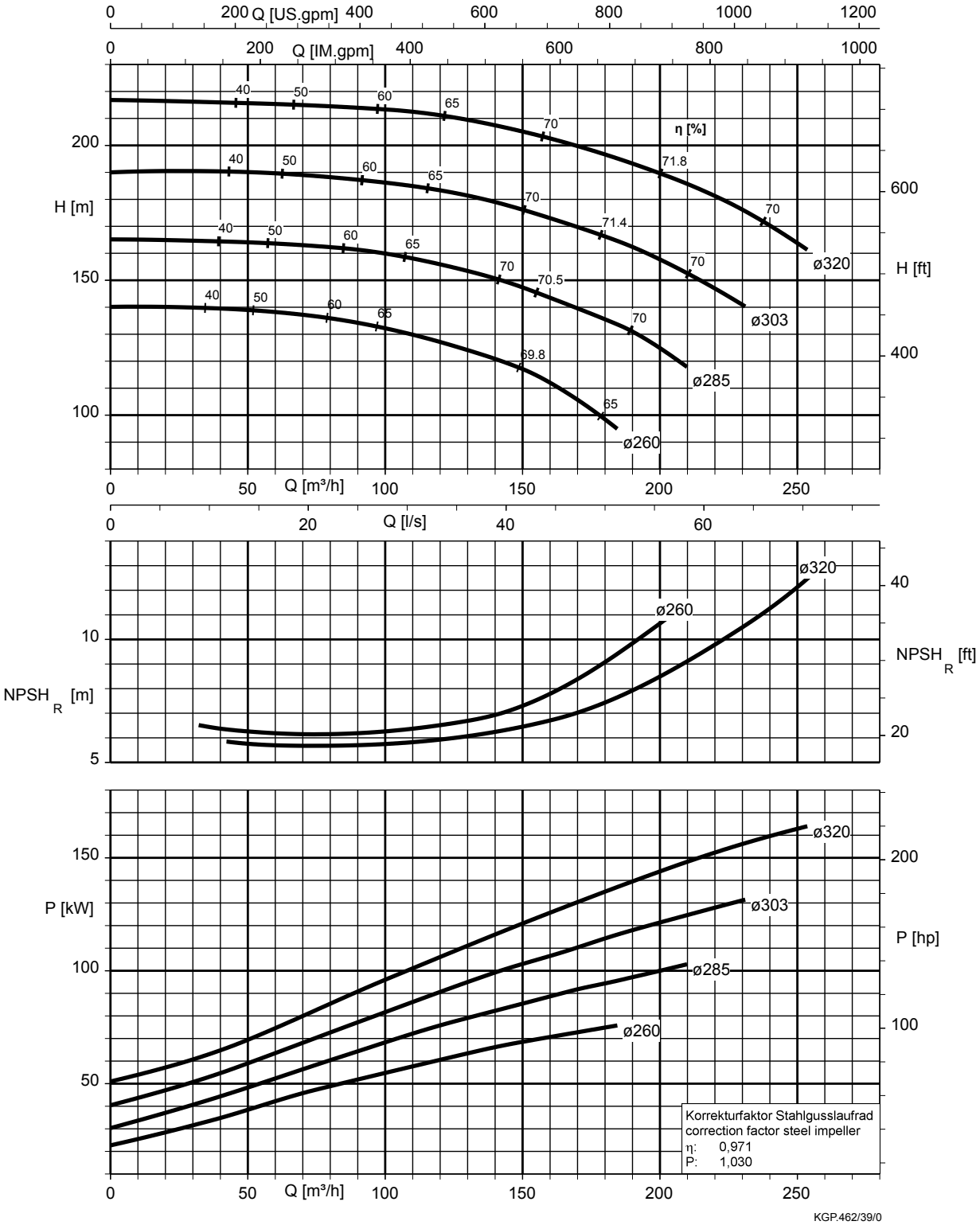
MegaCPK 100-065-250, n = 3.500 rpm

Meganorm



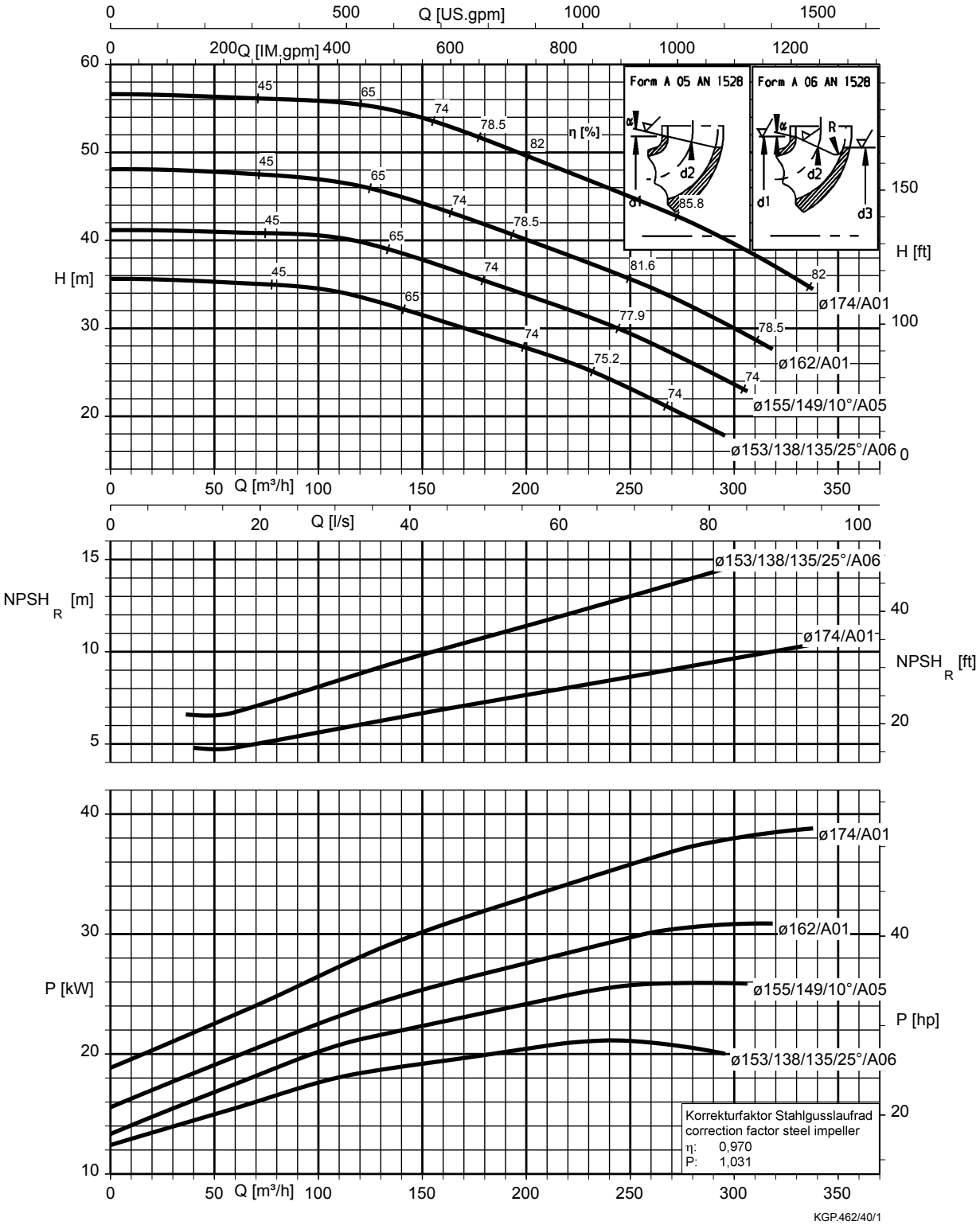
MegaCPK 100-065-315, n = 3.500 rpm

Meganorm



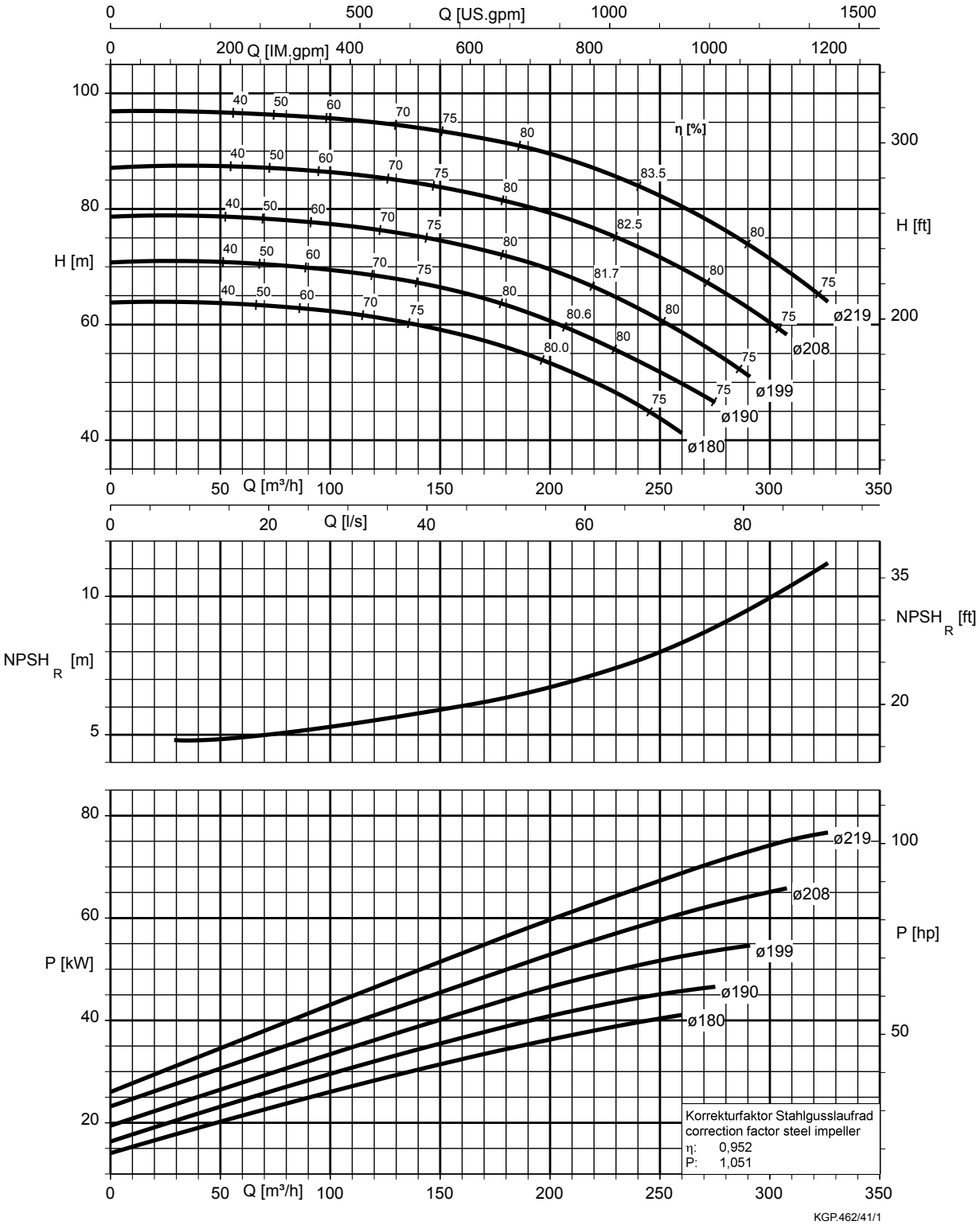
MegaCPK 125-080-160, n = 3.500 rpm

Meganorm



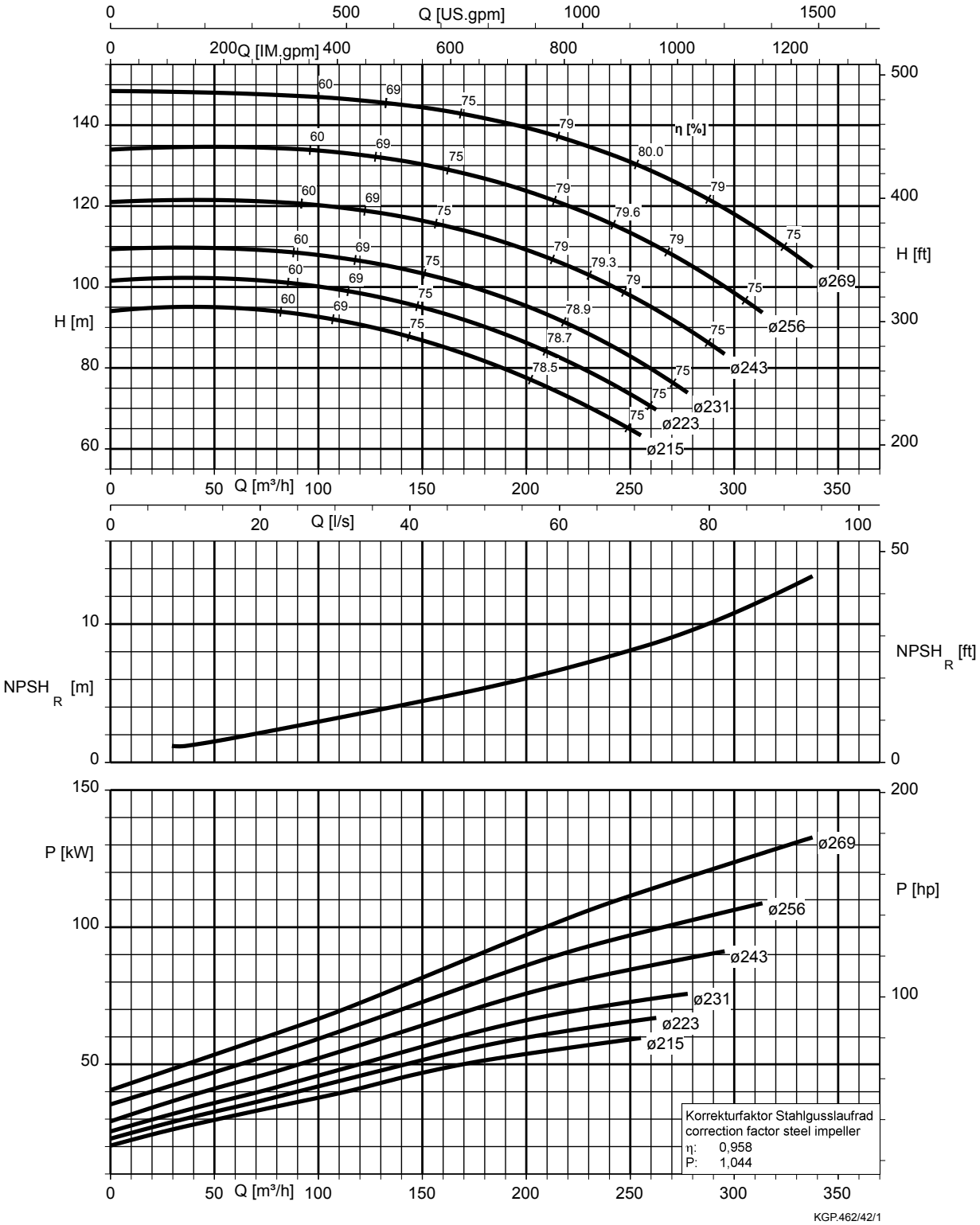
MegaCPK 125-080-200, n = 3.500 rpm

Meganorm



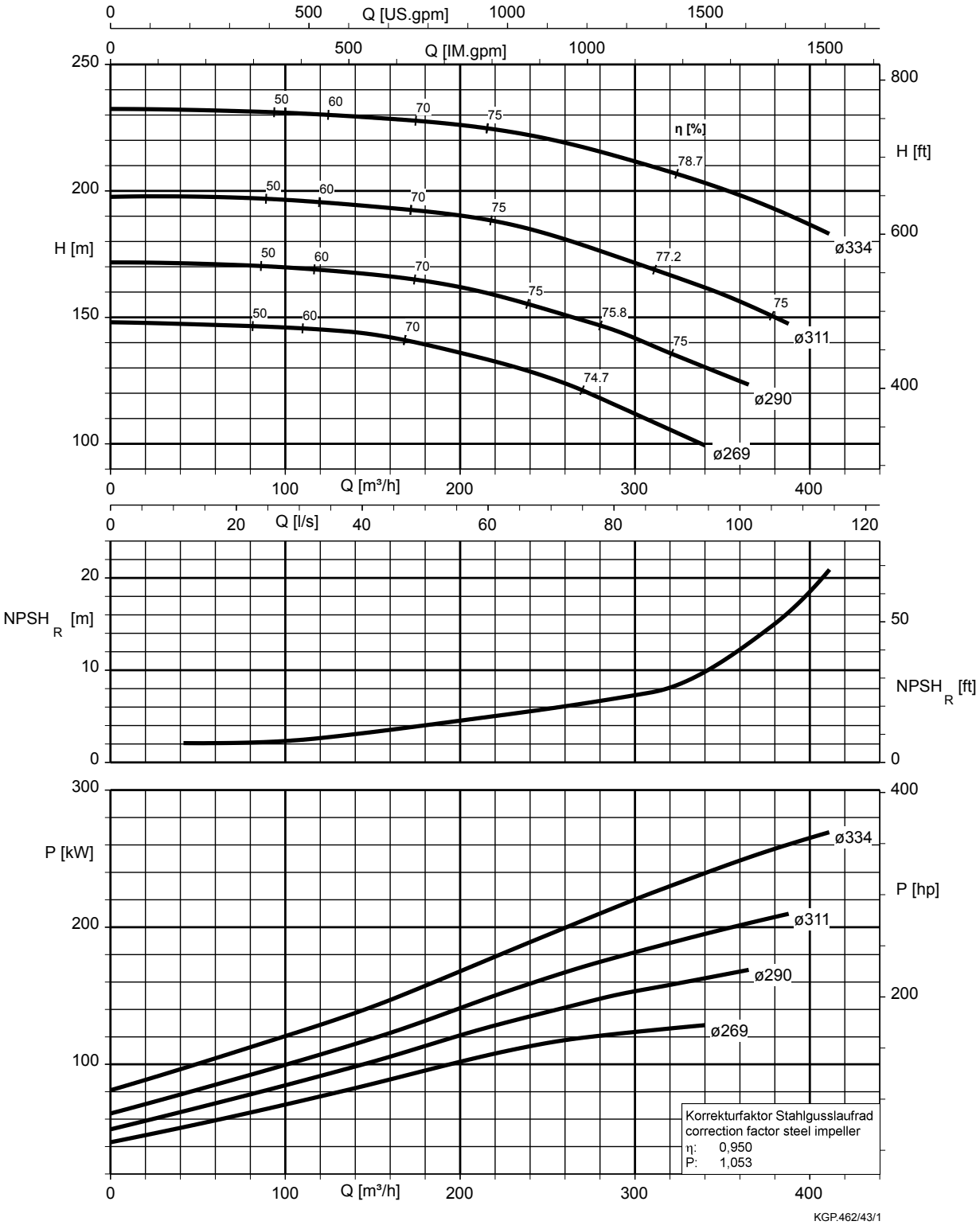
MegaCPK 125-080-250, n = 3.500 rpm

Meganorm



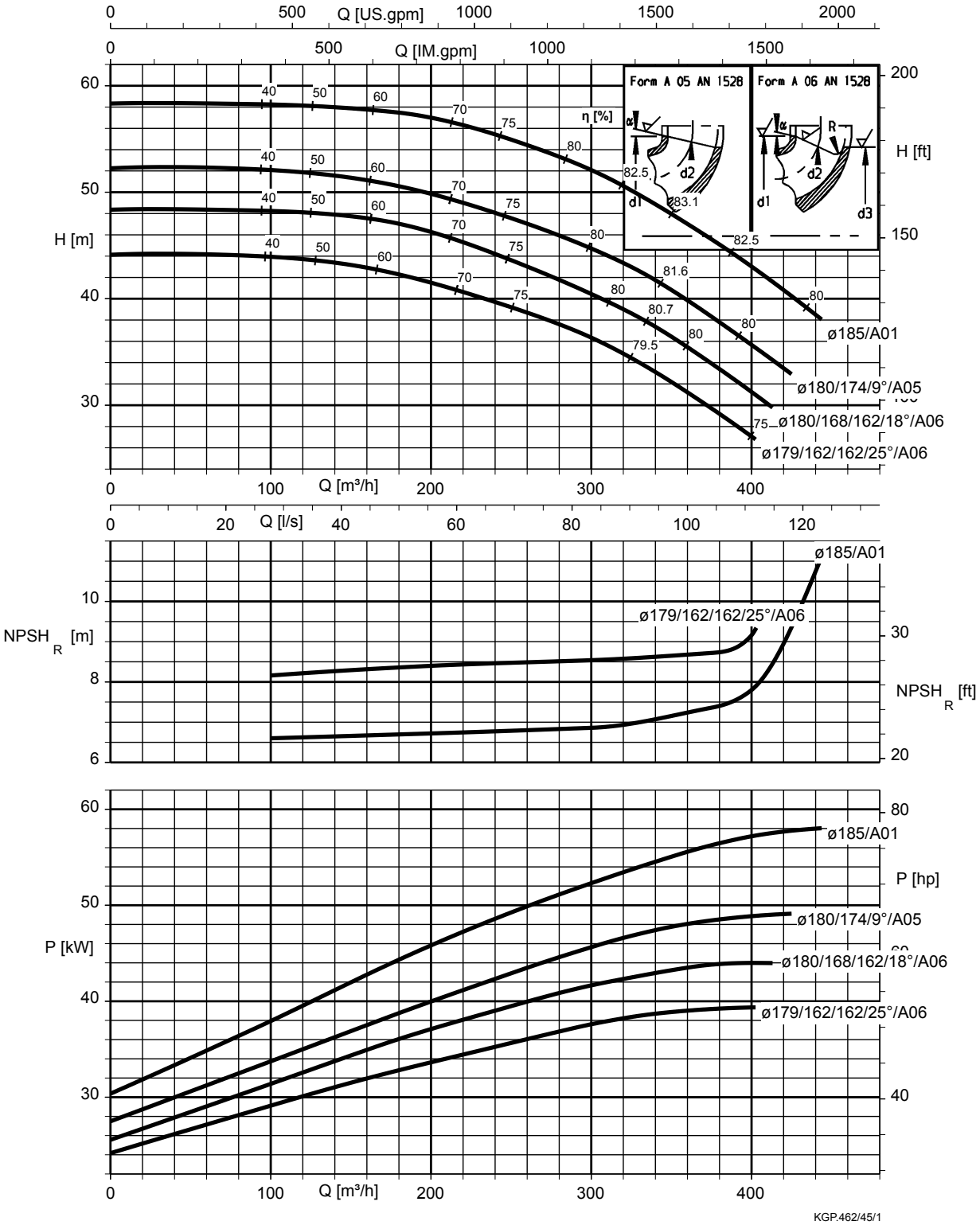
MegaCPK 125-080-315, n = 3.500 rpm

Meganorm



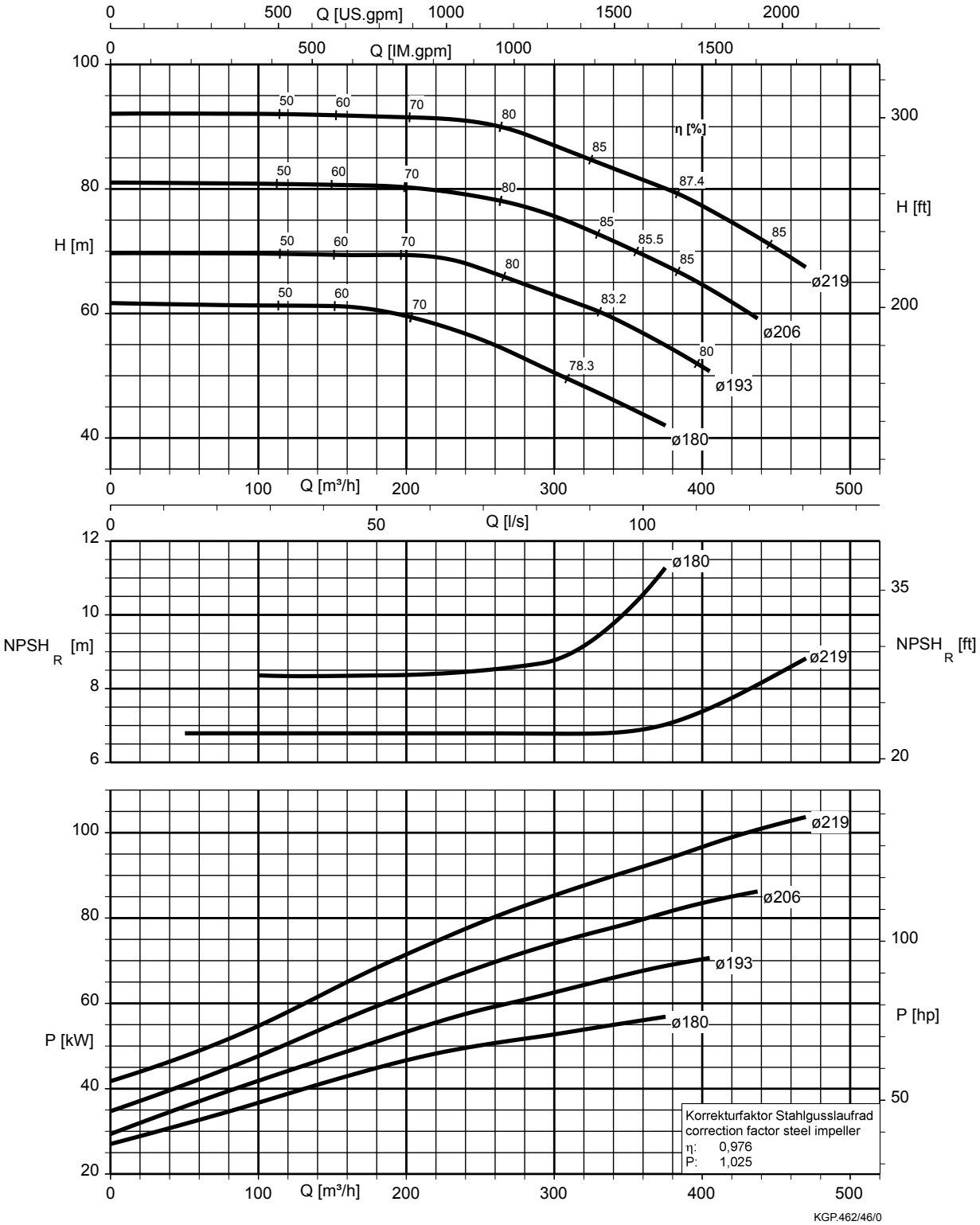
MegaCPK 125-100-160, n = 3500 r.p.m.

Meganorm



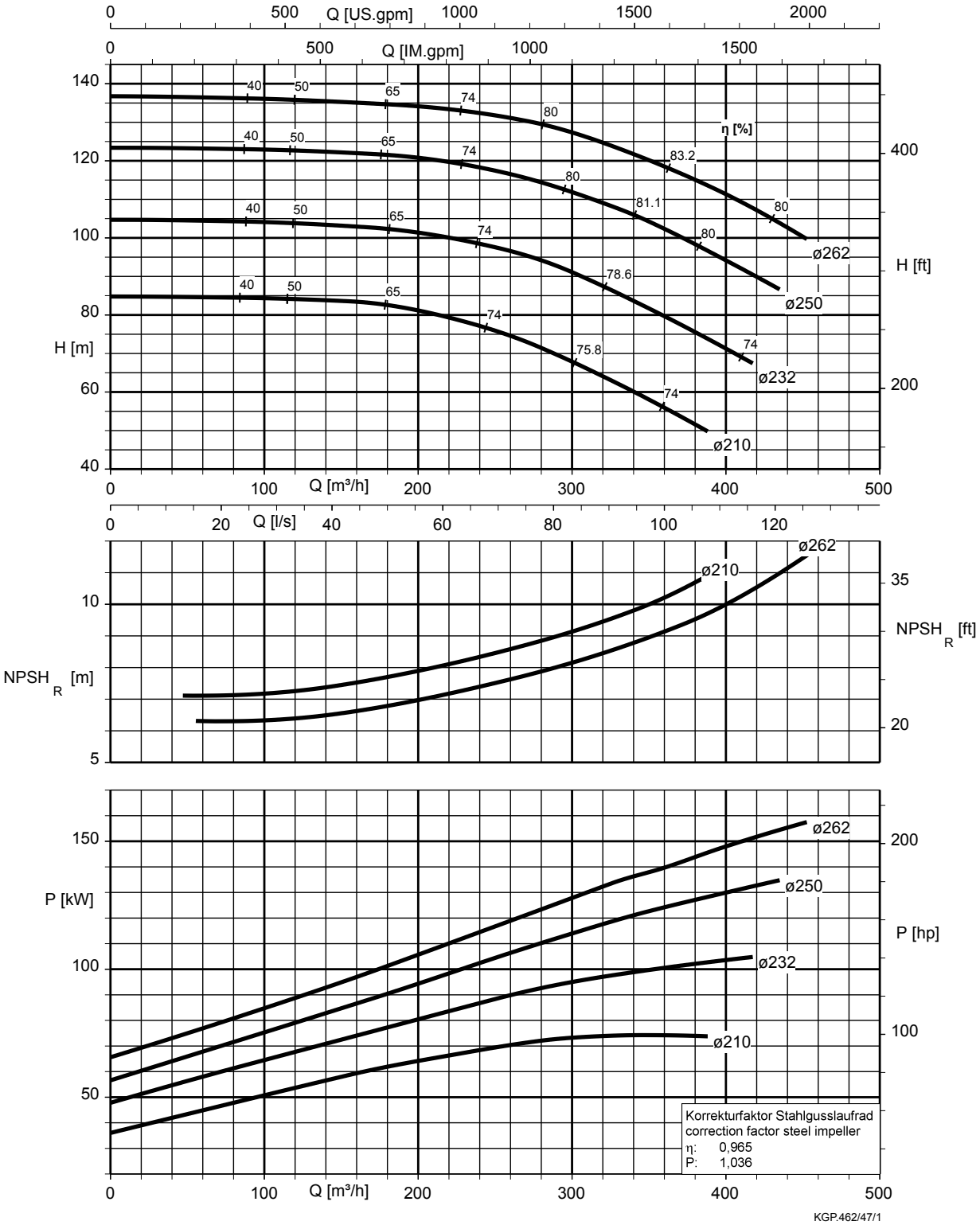
MegaCPK 125-100-200, n = 3500 r.p.m.

Meganorm



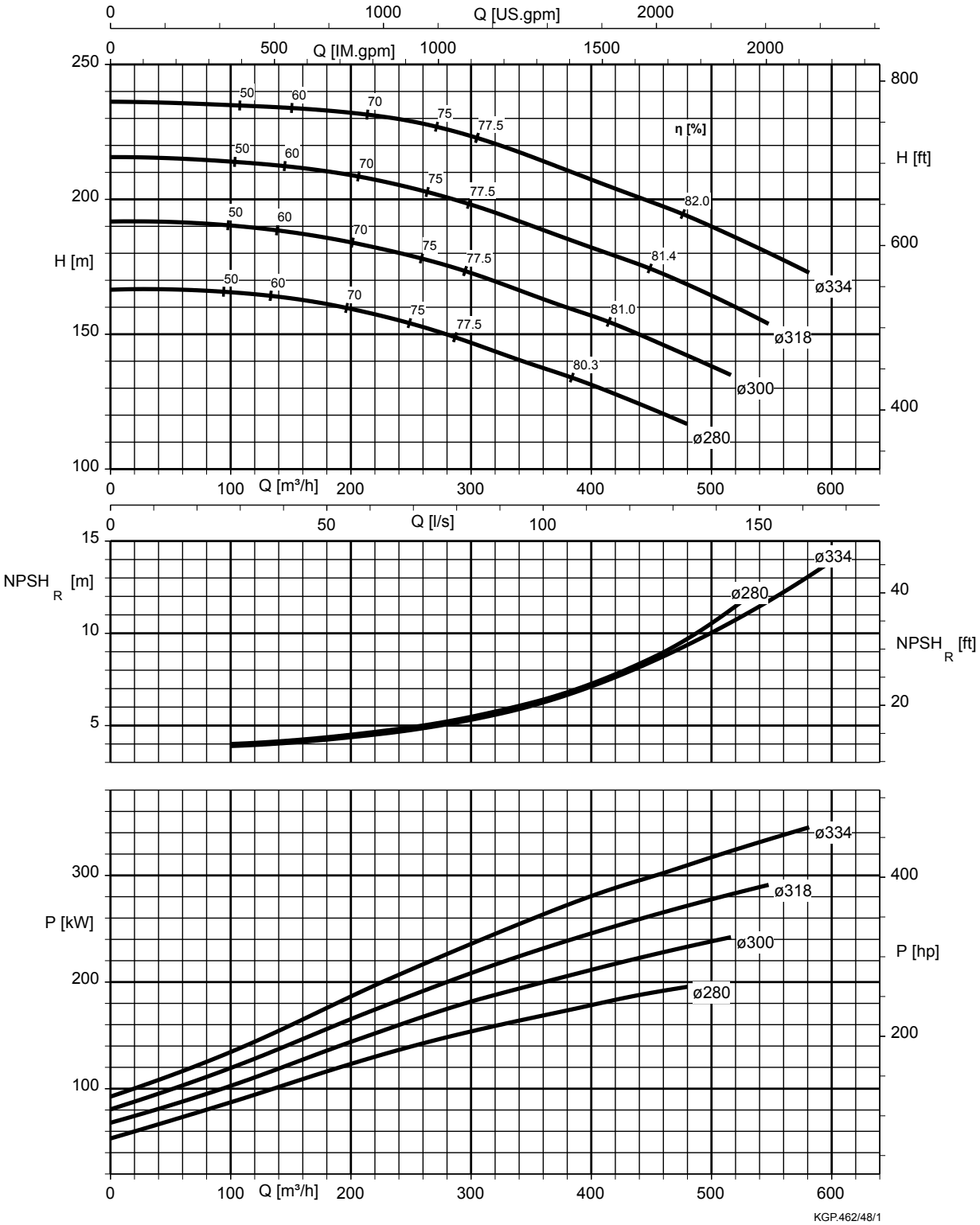
MegaCPK 125-100-250, n = 3500 r.p.m.

Meganorm



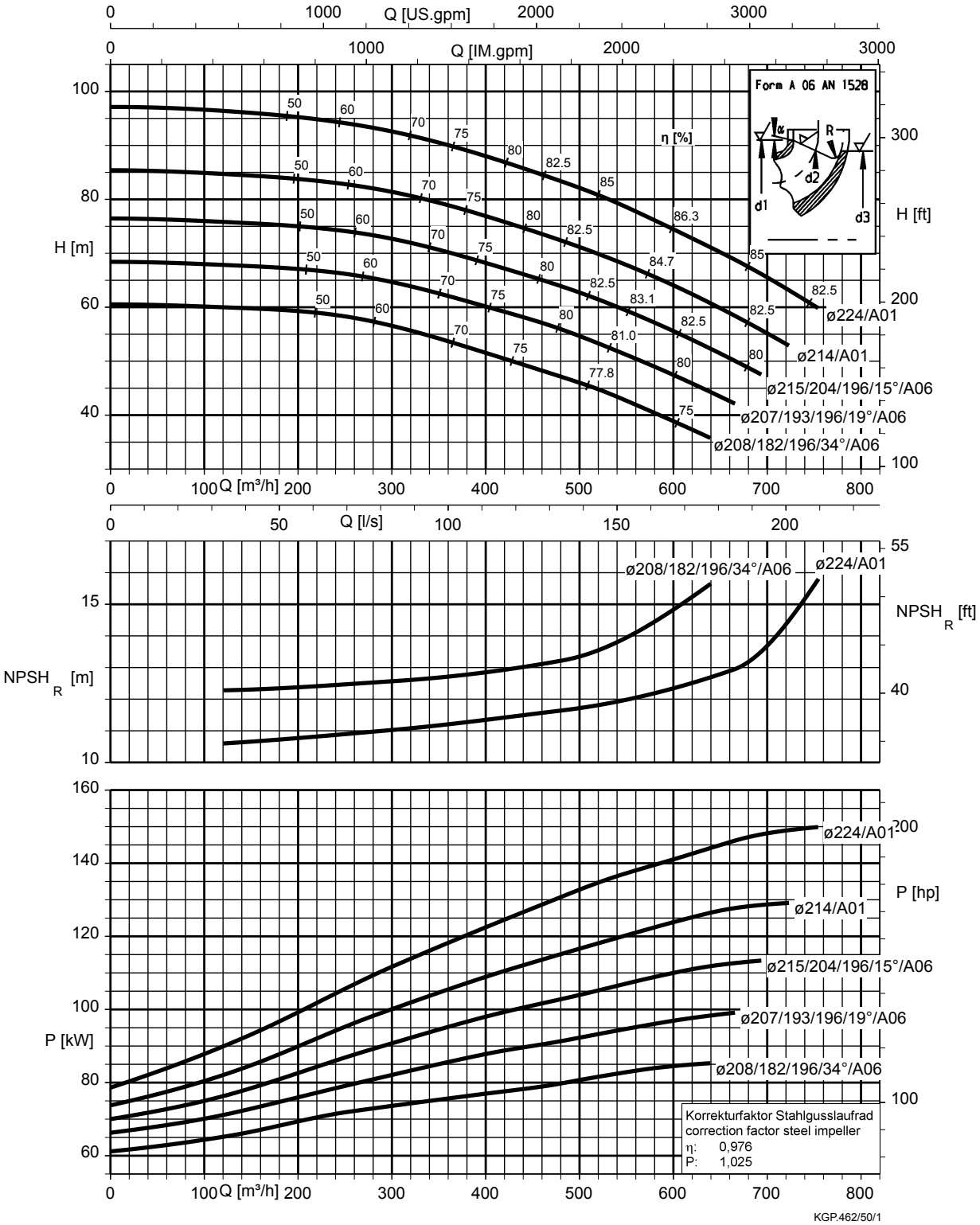
MegaCPK 125-100-315, n = 3500 r.p.m.

Meganorm



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

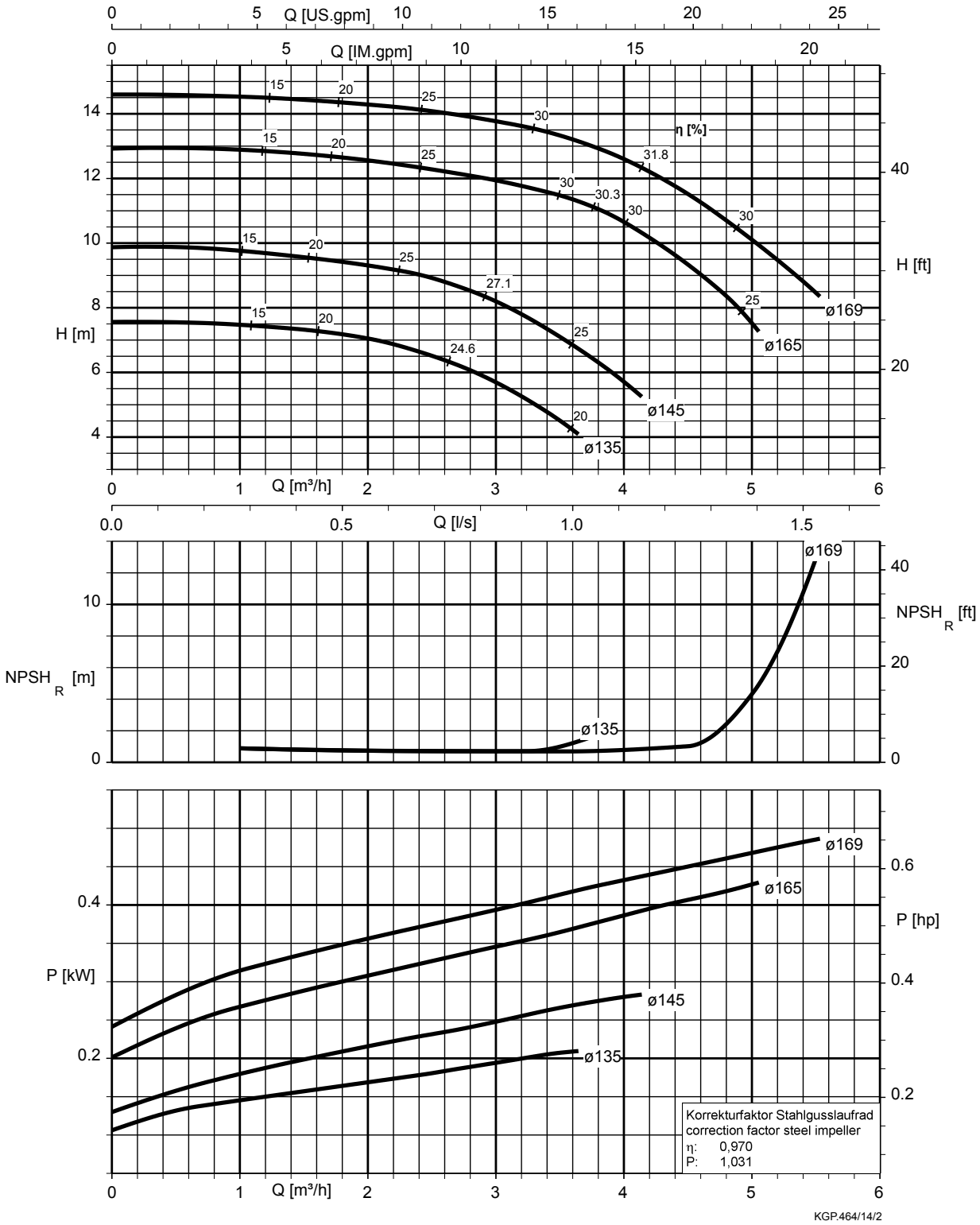
Meganorm



n = 1750 r.p.m.

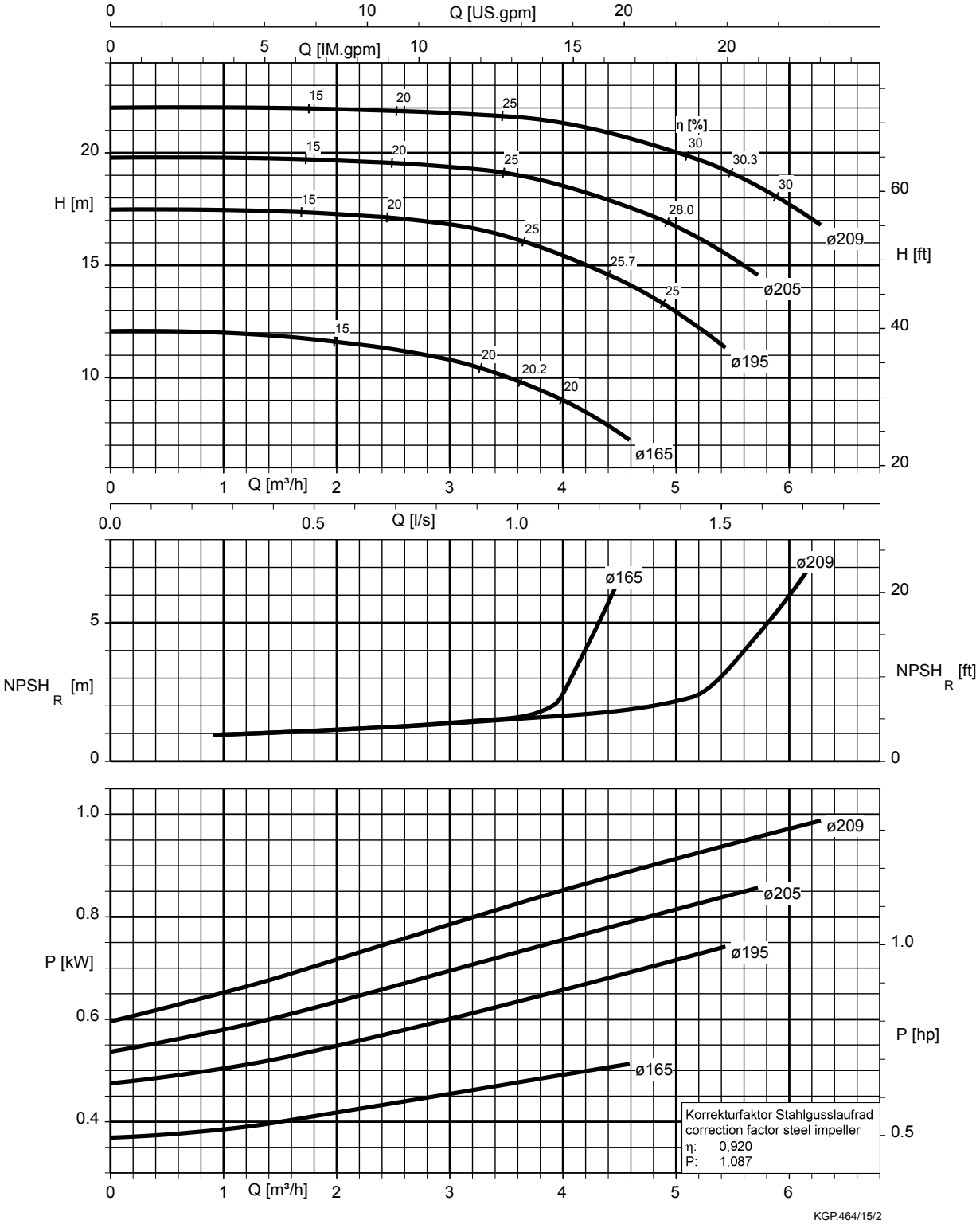
MegaCPK 040-025-160, n = 1.750 rpm

Meganorm



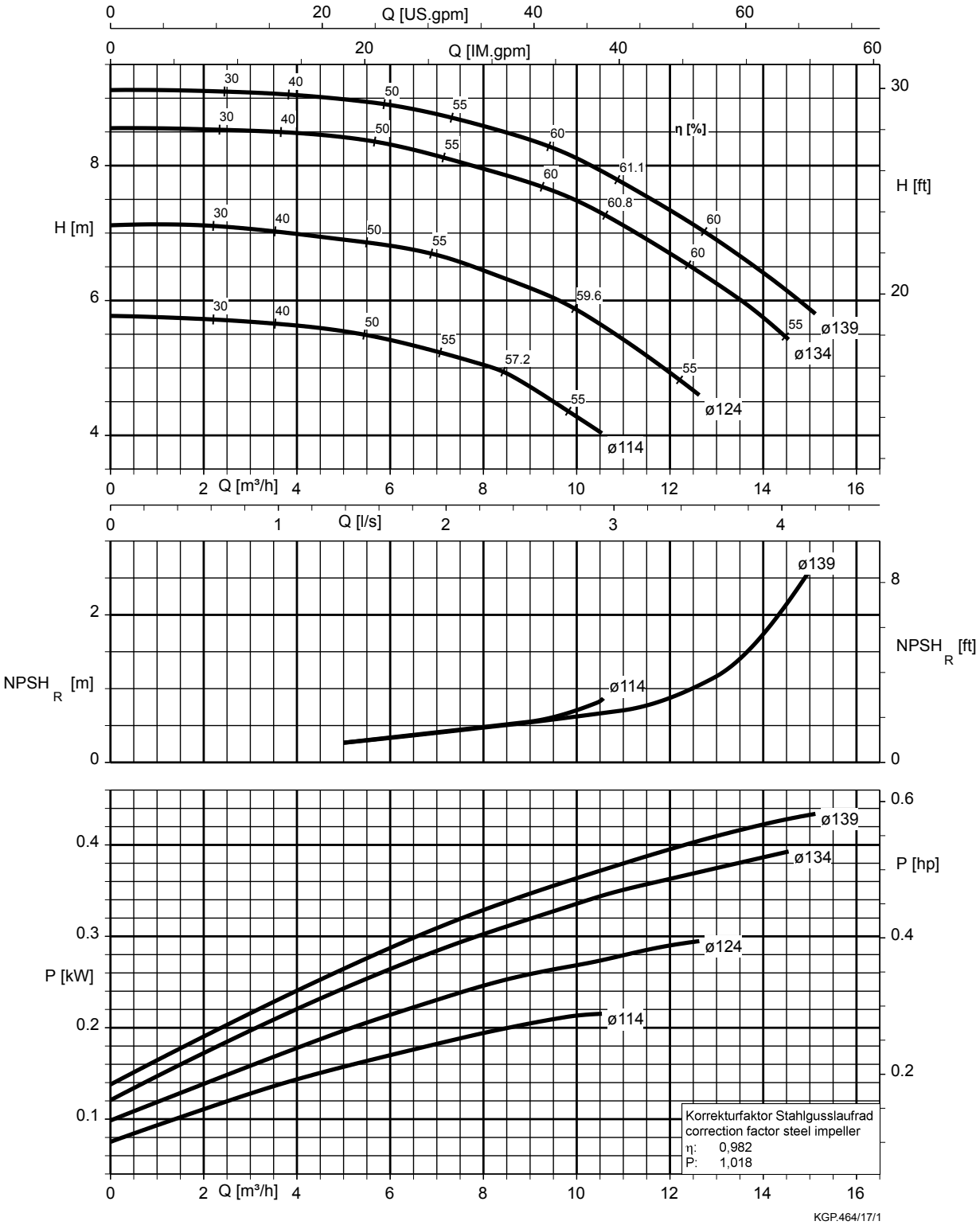
MegaCPK 040-025-200, n = 1.750 rpm

Meganorm



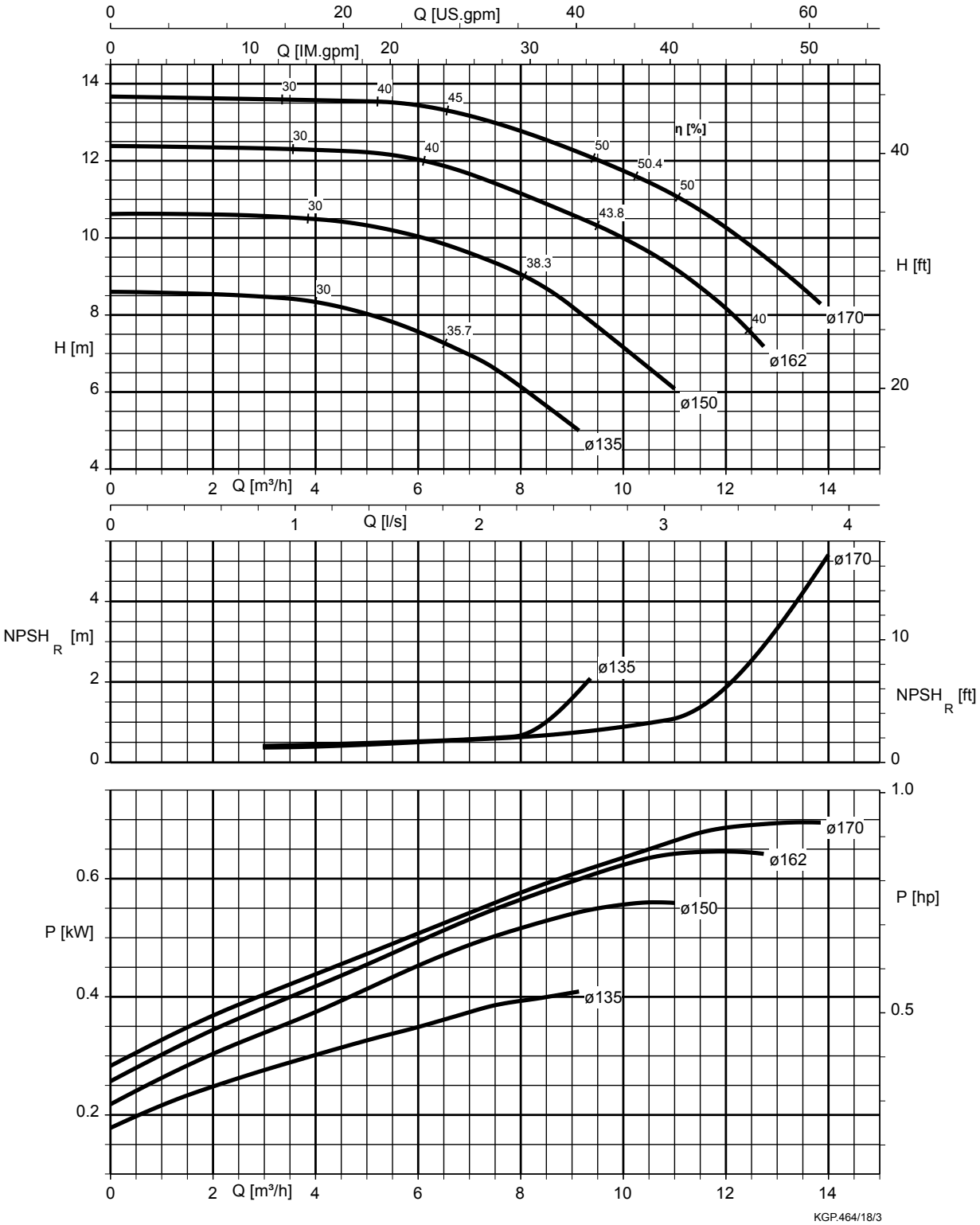
MegaCPK 050-032-125.1, n = 1.750 rpm

Meganorm



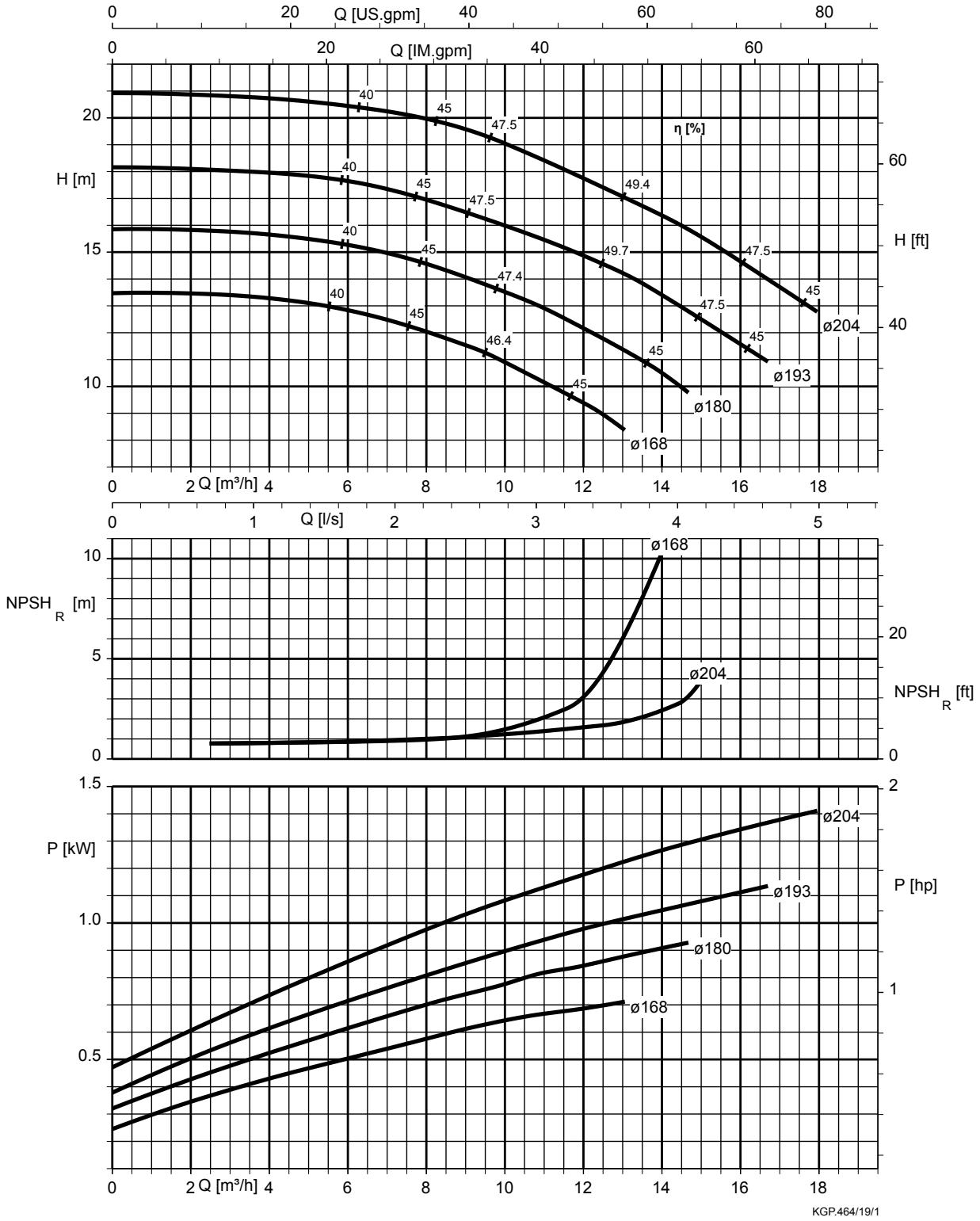
MegaCPK 050-032-160.1, n = 1.750 rpm

Meganorm



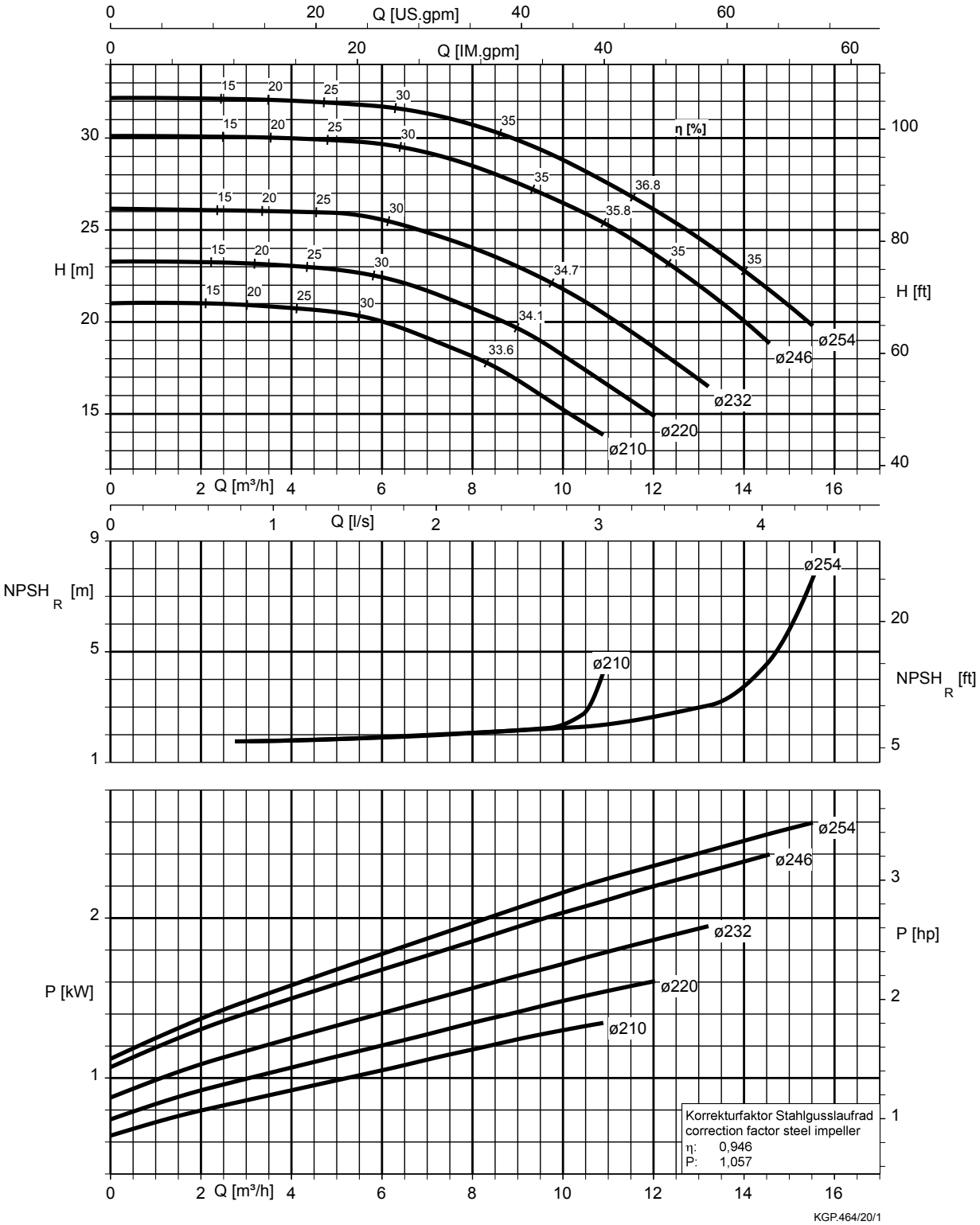
MegaCPK 050-032-200.1, n = 1.750 rpm

Meganorm, Megabloc



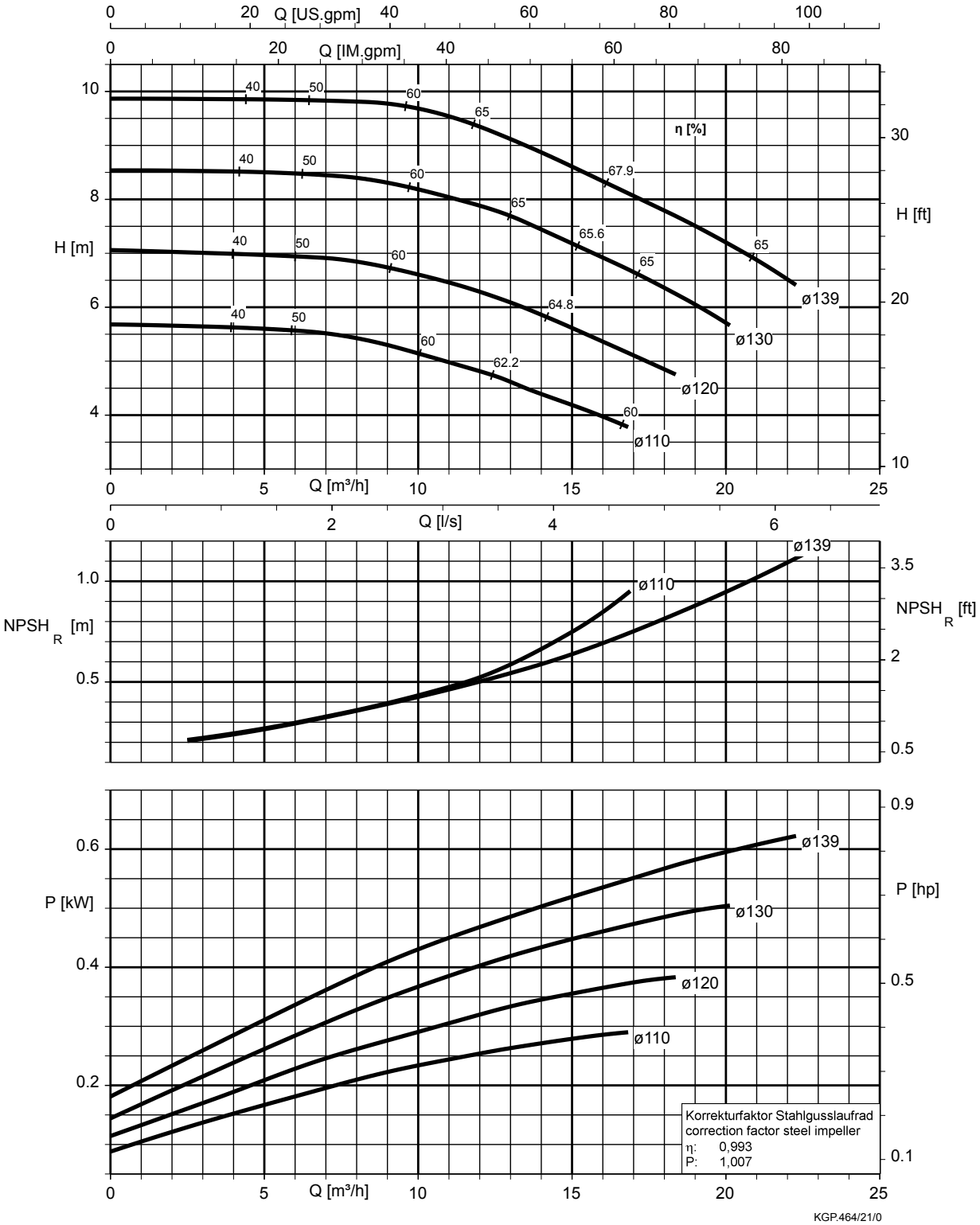
MegaCPK 050-032-250.1, n = 1.750 rpm

Meganorm, Megabloc



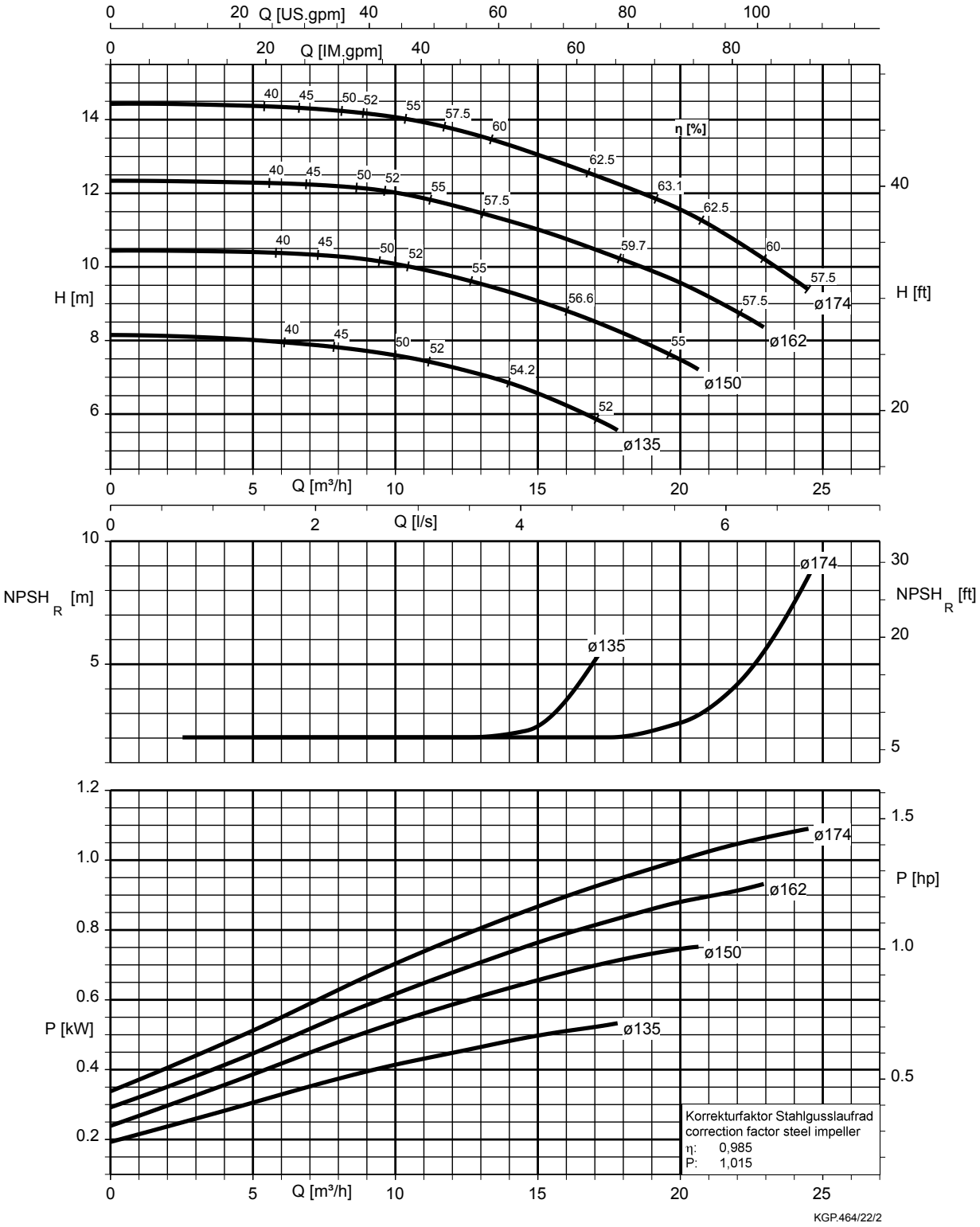
MegaCPK 050-032-125, n = 1.750 rpm

Meganorm



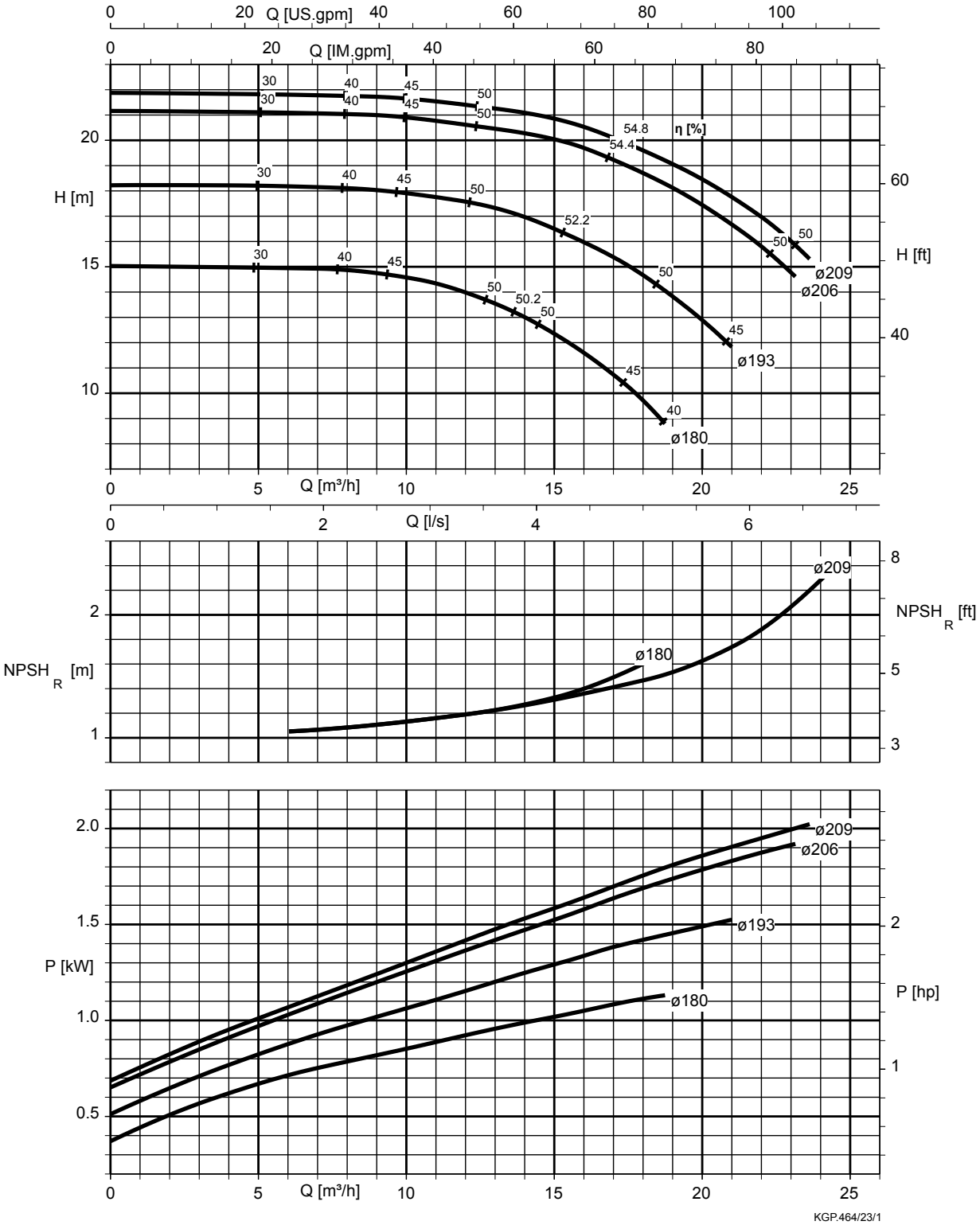
MegaCPK 050-032-160, n = 1.750 rpm

Meganorm



MegaCPK 050-032-200, n = 1750 rpm

Meganorm, Megabloc



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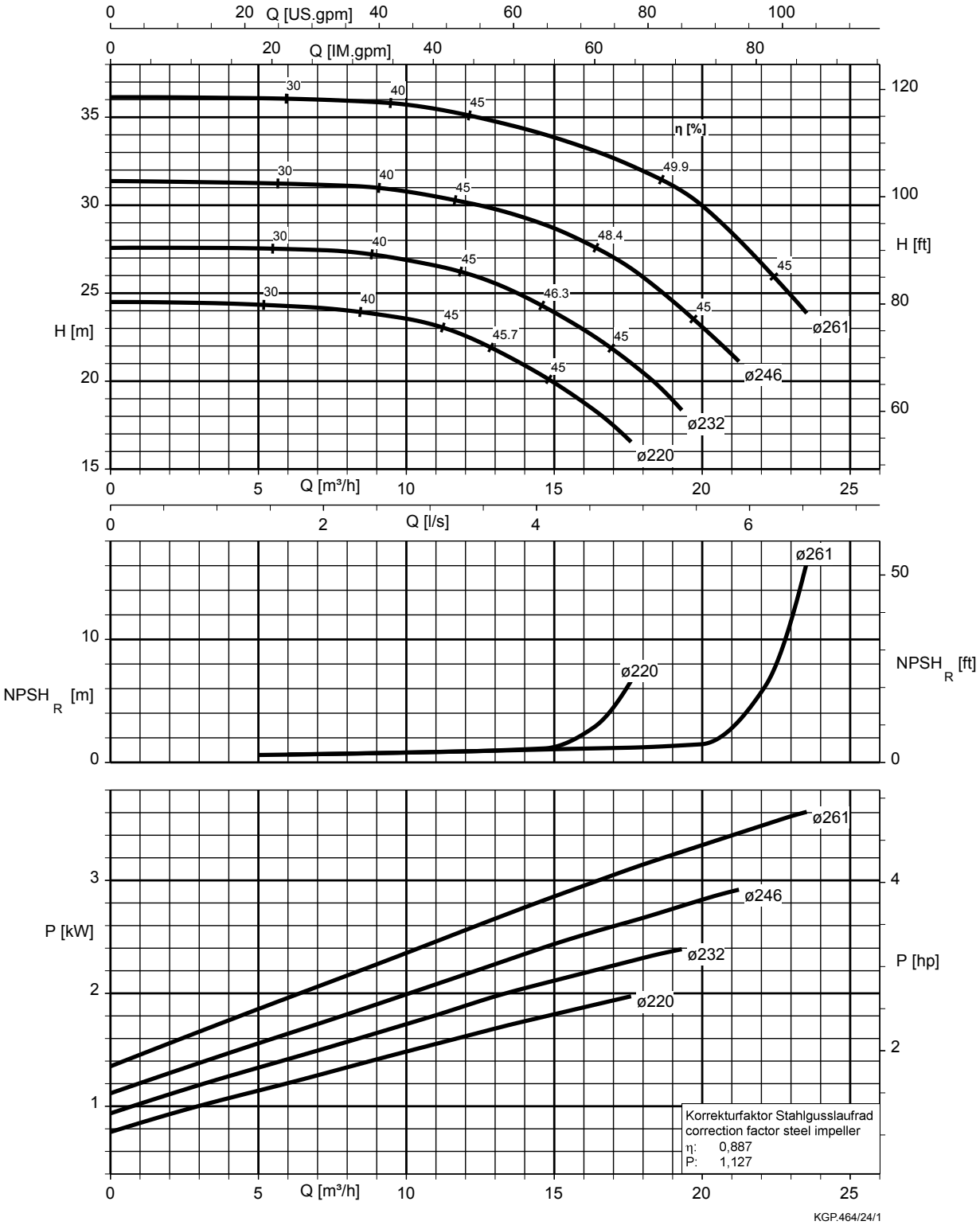
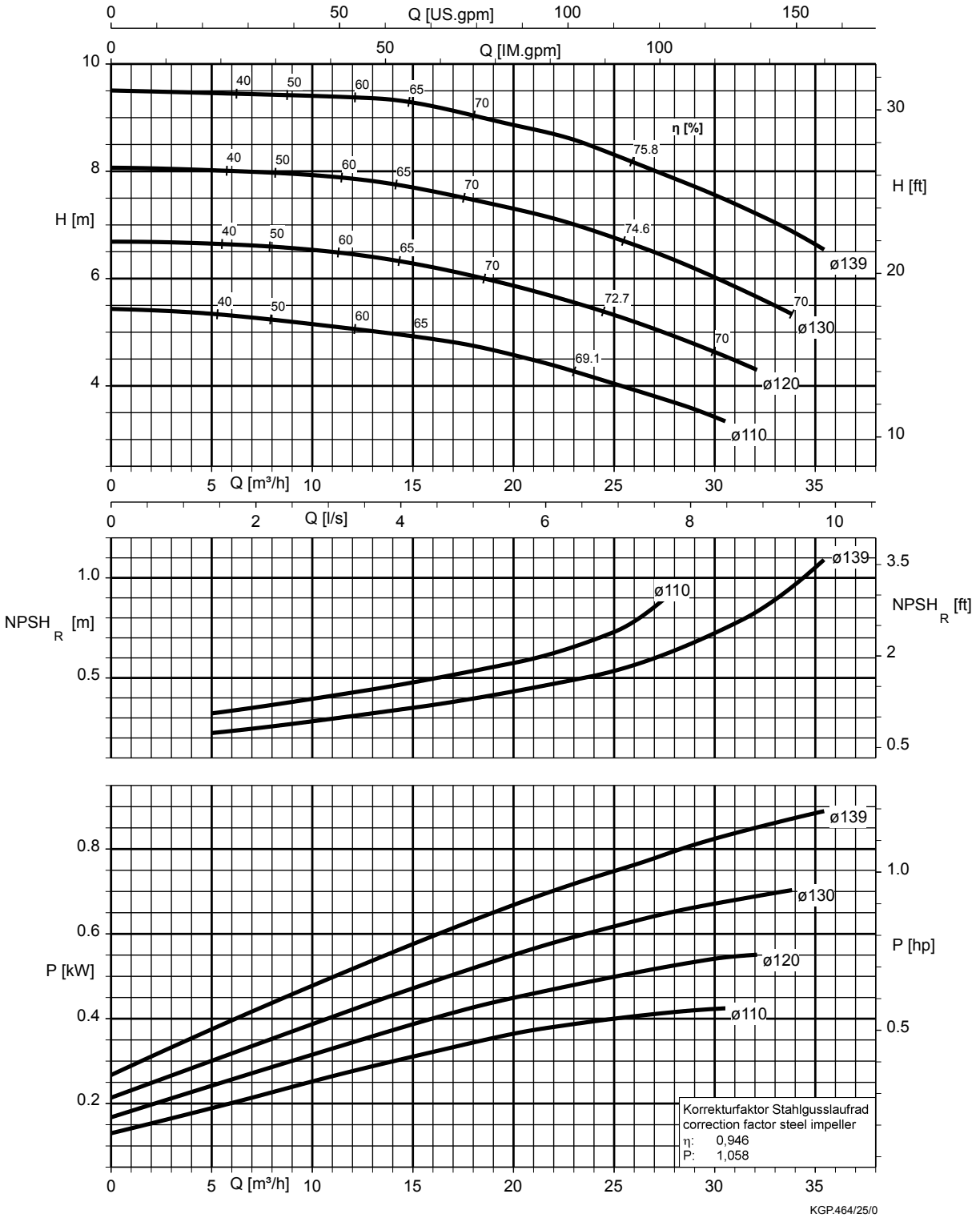
Meganorm, Megabloc



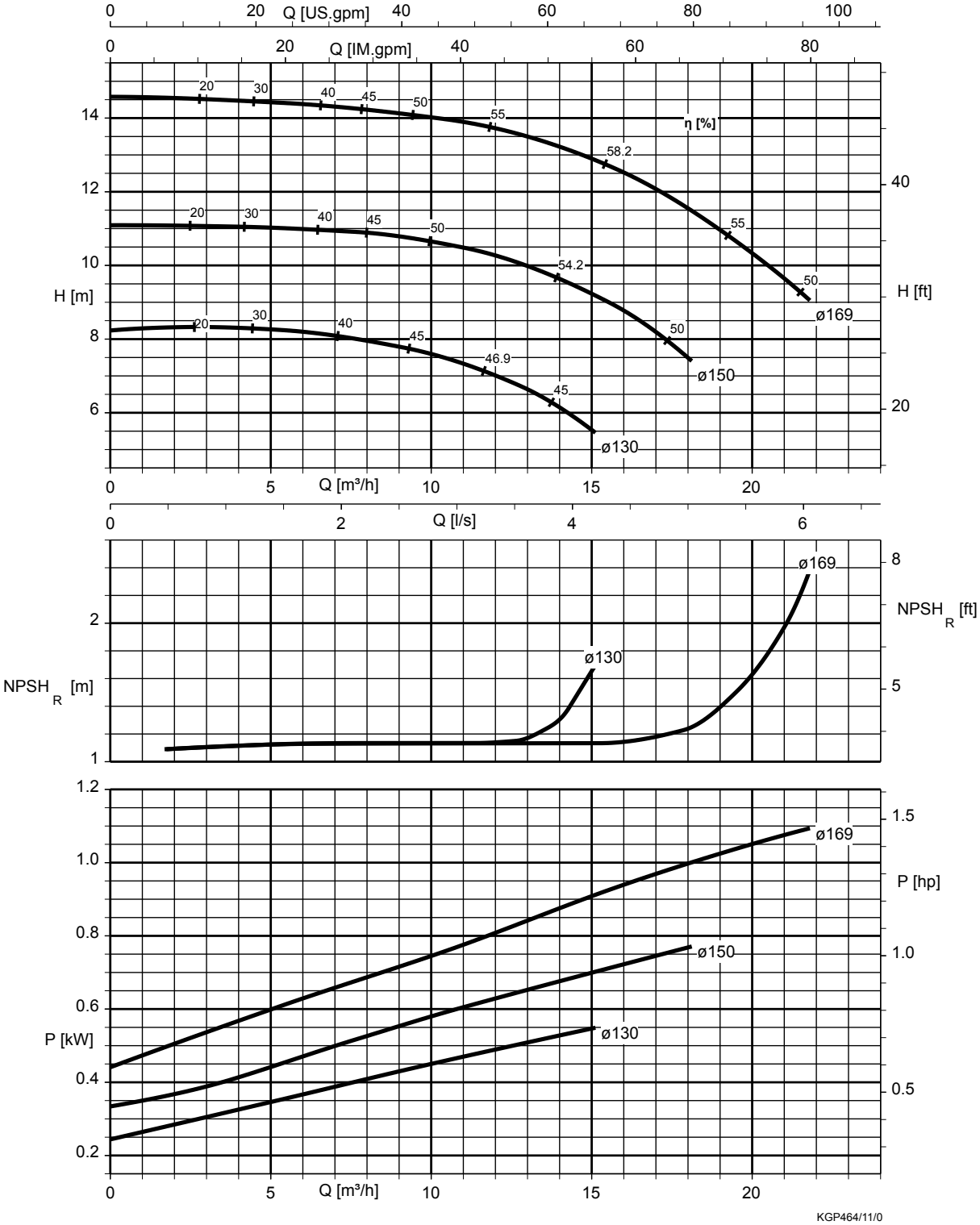
MegaCPK 065-040-125, n = 1.750 rpm

Meganorm



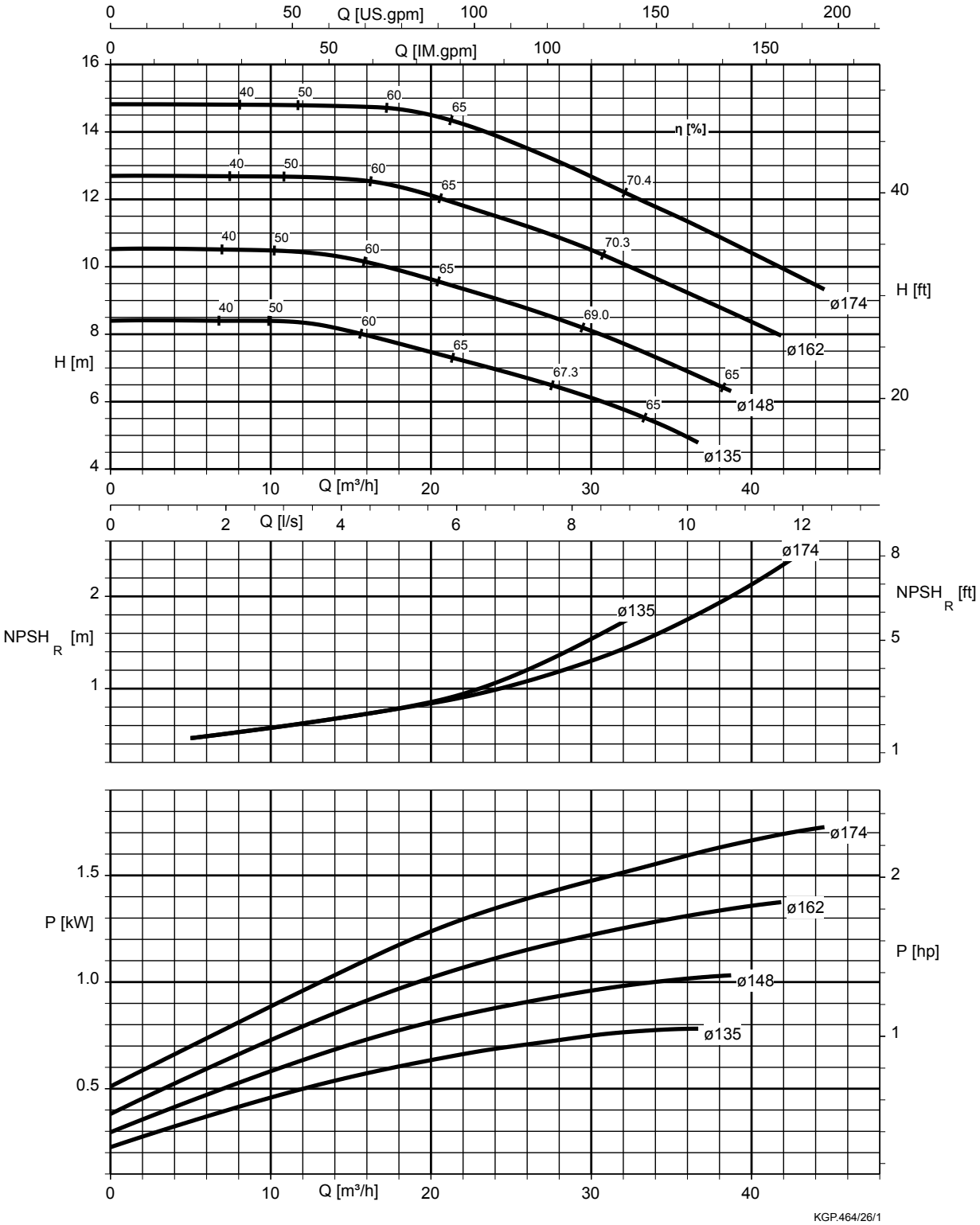
MegaCPK 065-040-160.1, n = 1750 rpm

Meganorm



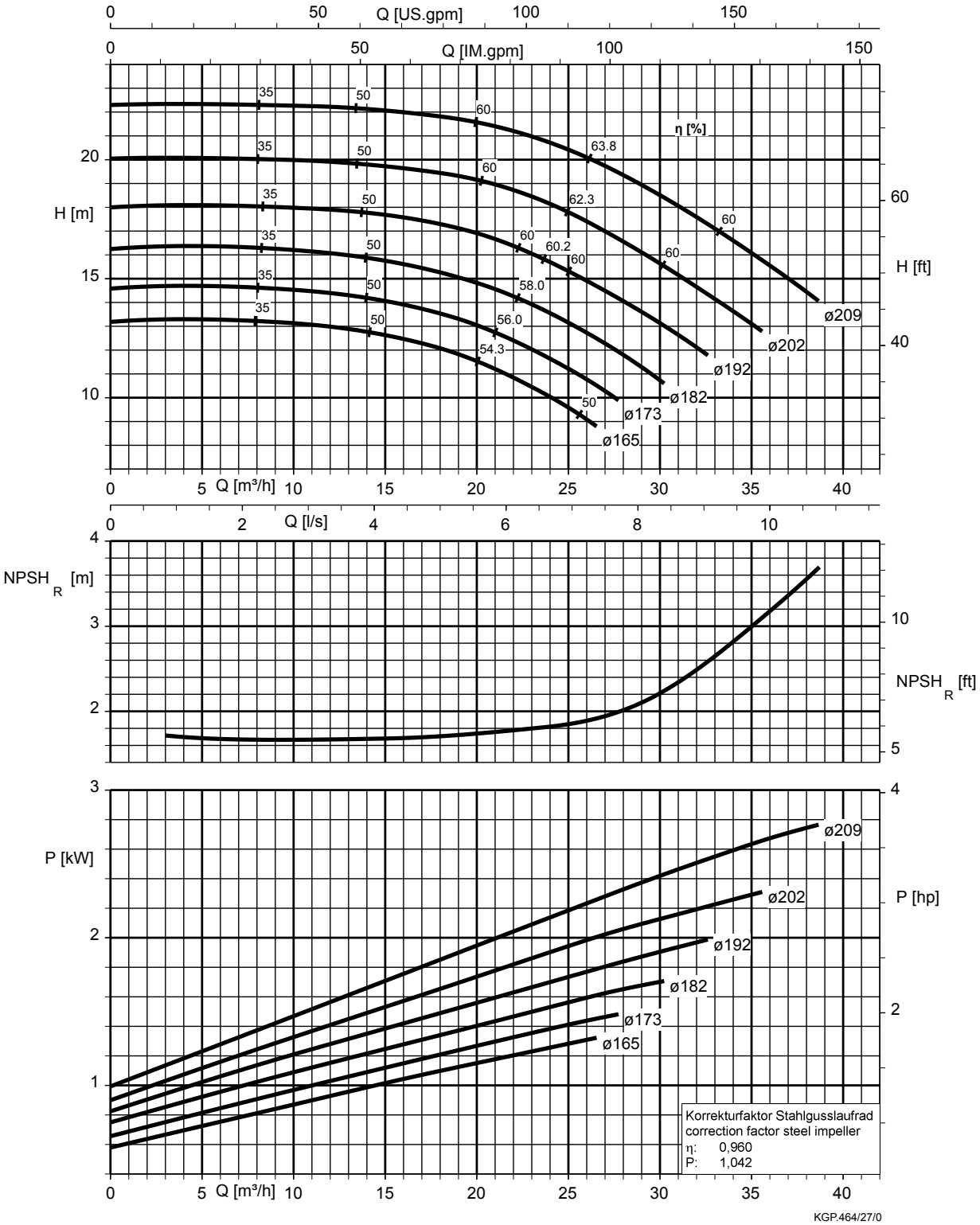
MegaCPK 065-040-160, n = 1.750 rpm

Meganorm, Megabloc



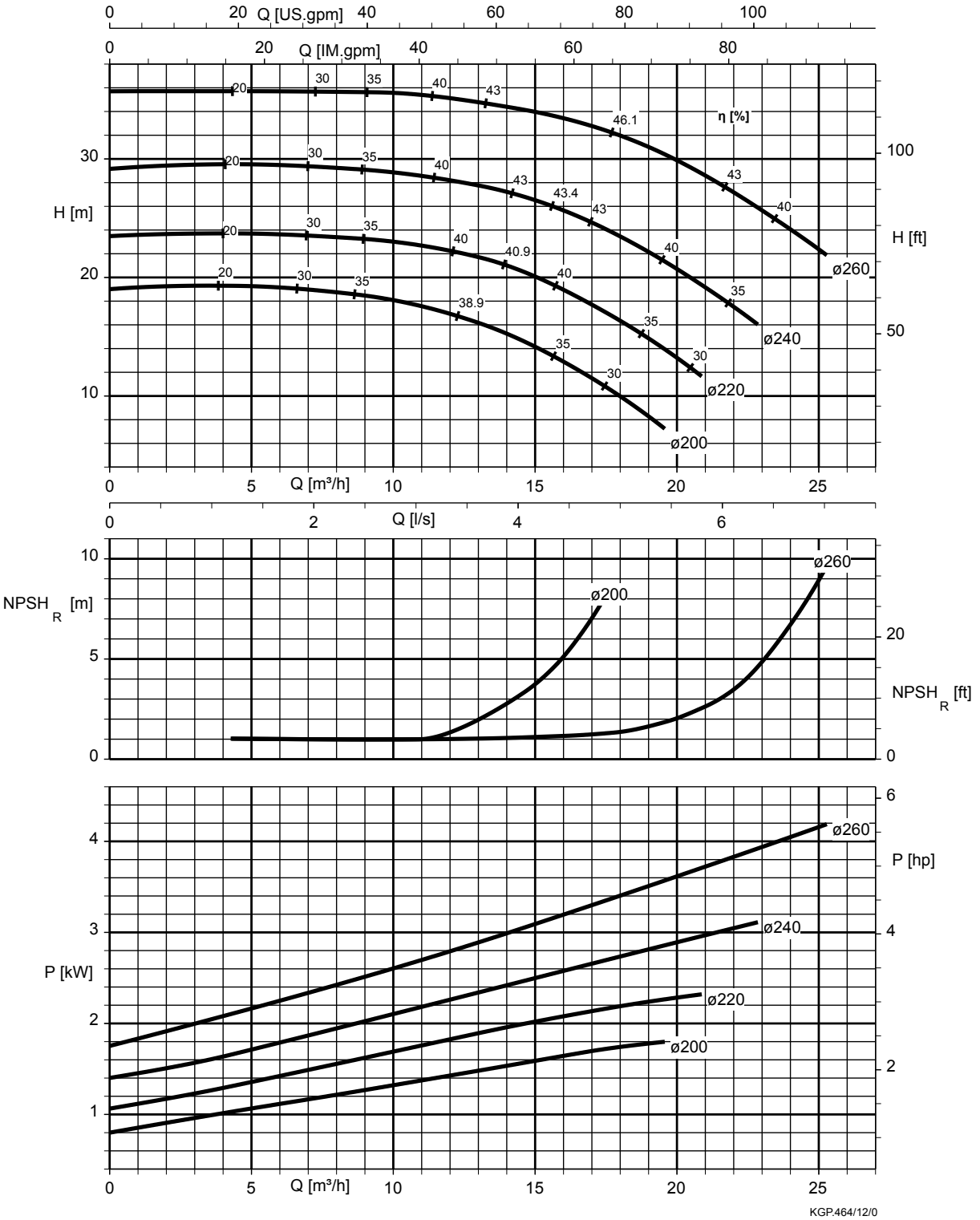
MegaCPK 065-040-200, n = 1.750 rpm

Meganorm, Megabloc



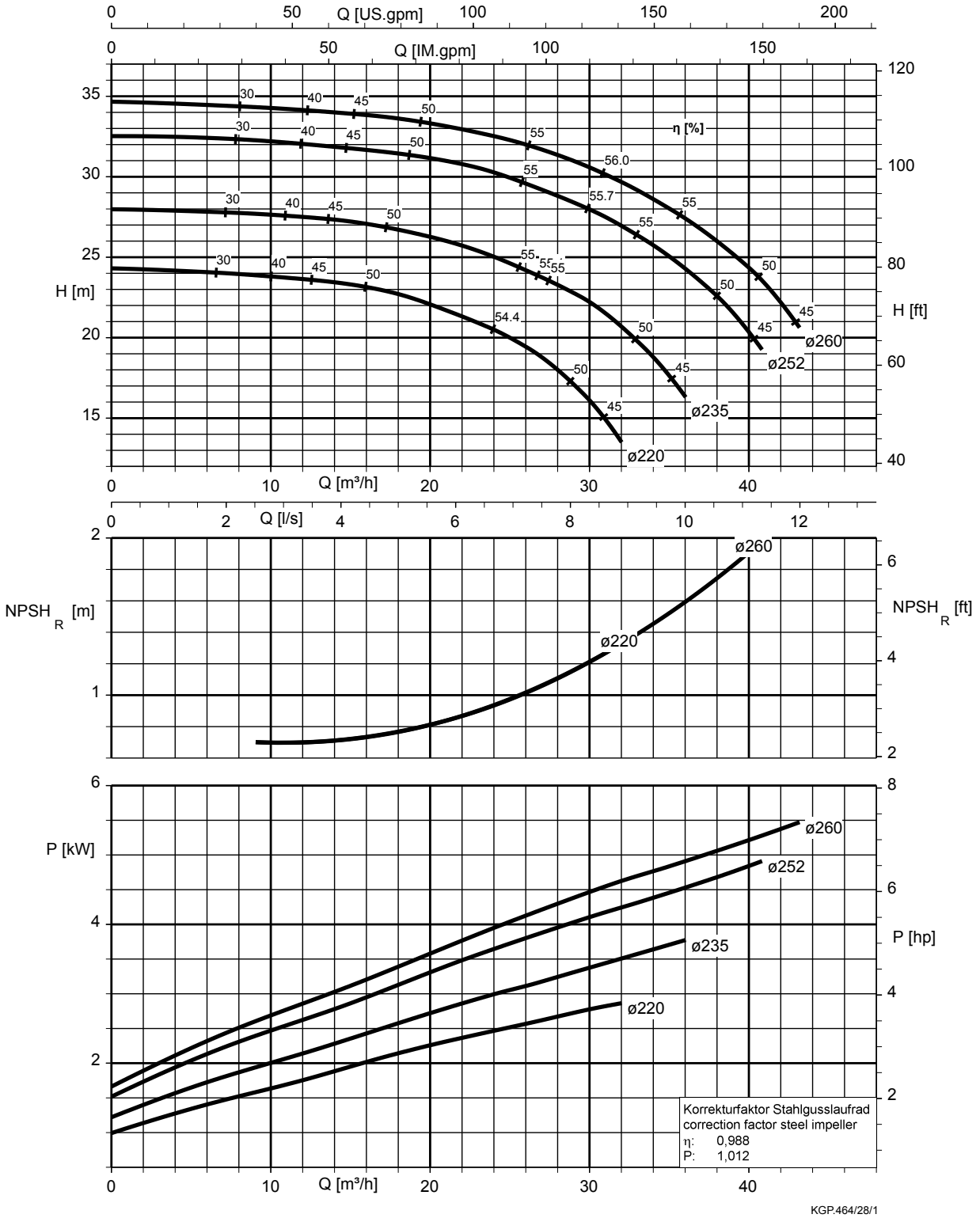
MegaCPK 065-040-250.1, n = 1750 rpm

Meganorm



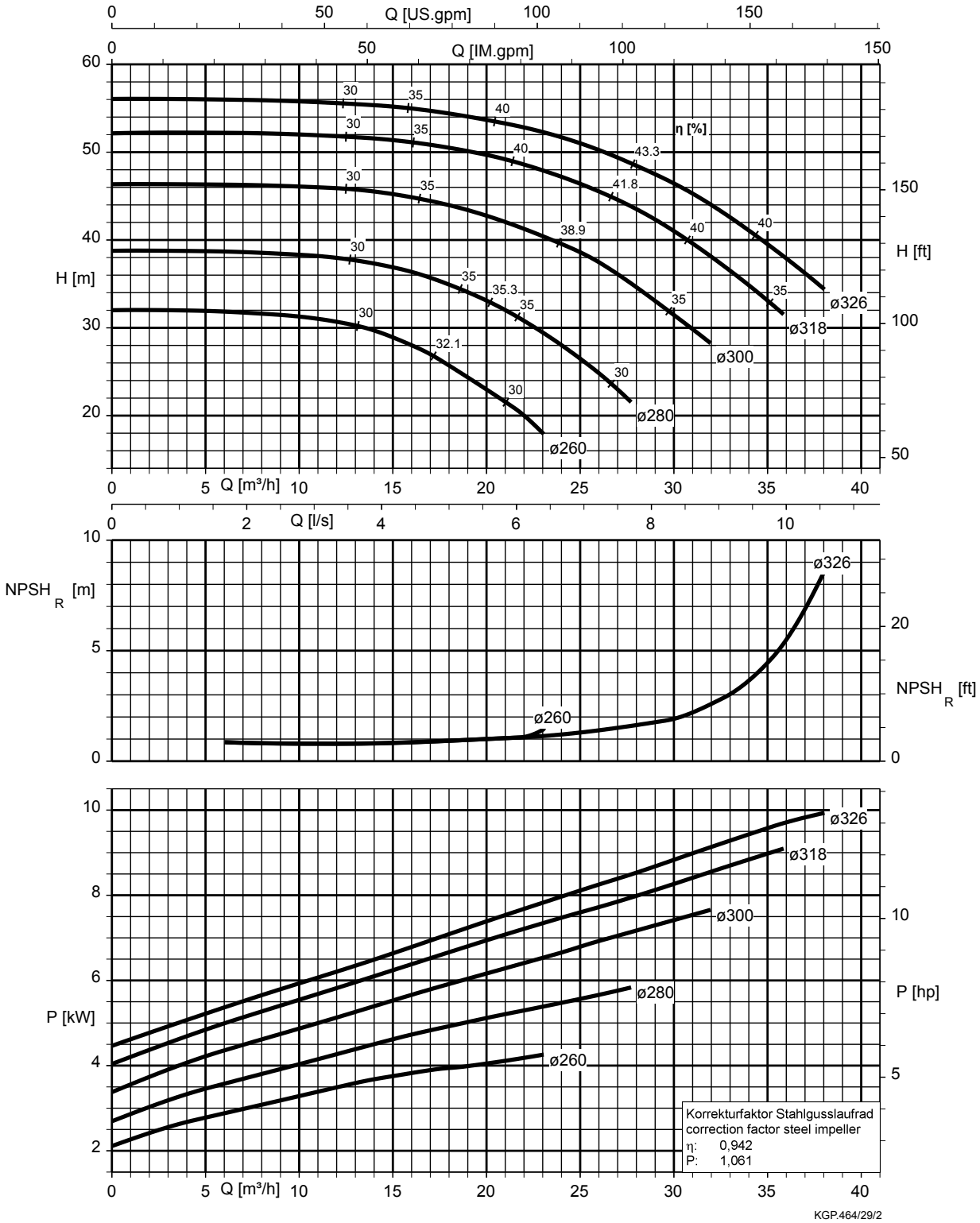
MegaCPK 065-040-250, n = 1.750 rpm

Meganorm, Megabloc



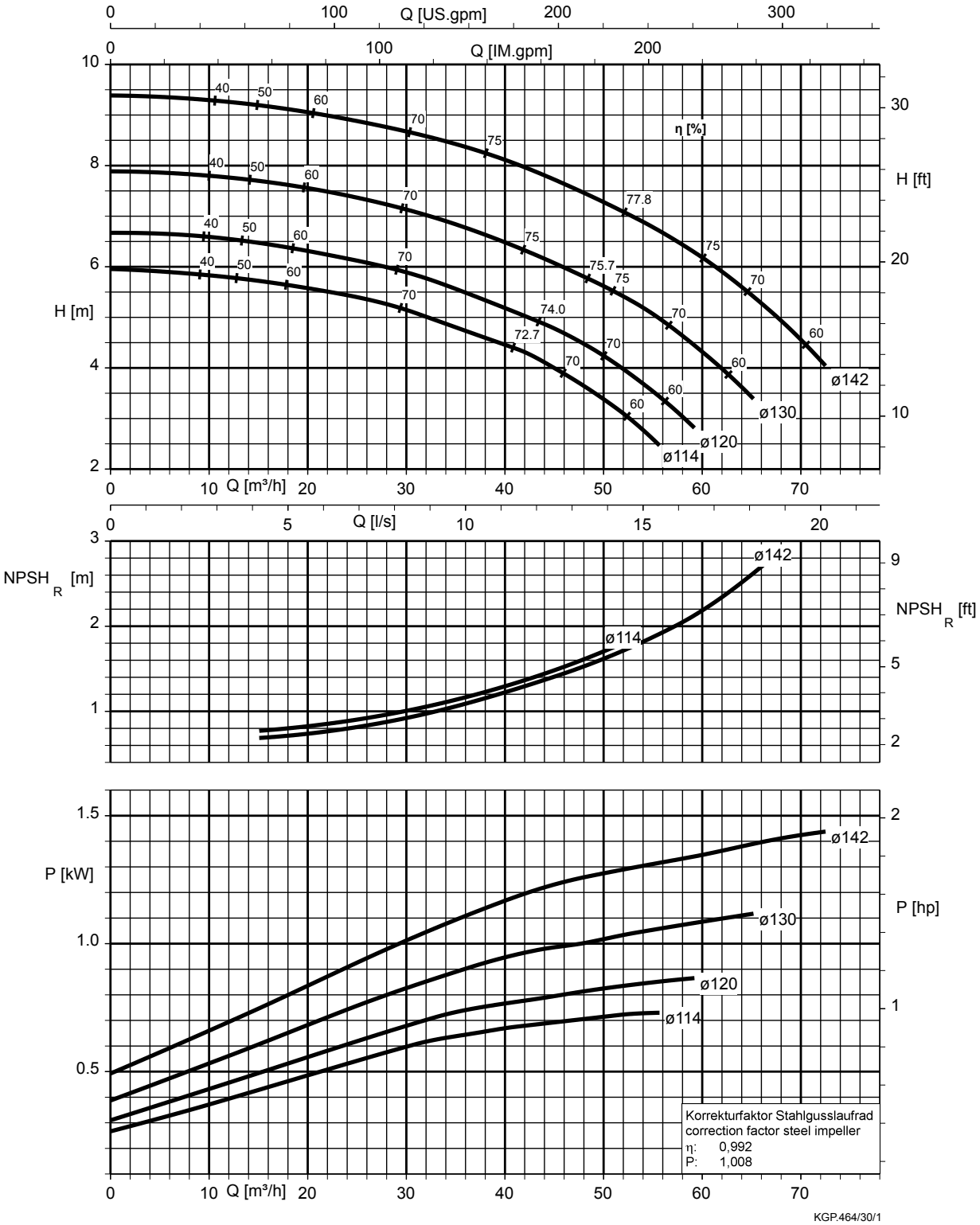
MegaCPK 065-040-315, n = 1.750 rpm

Meganorm



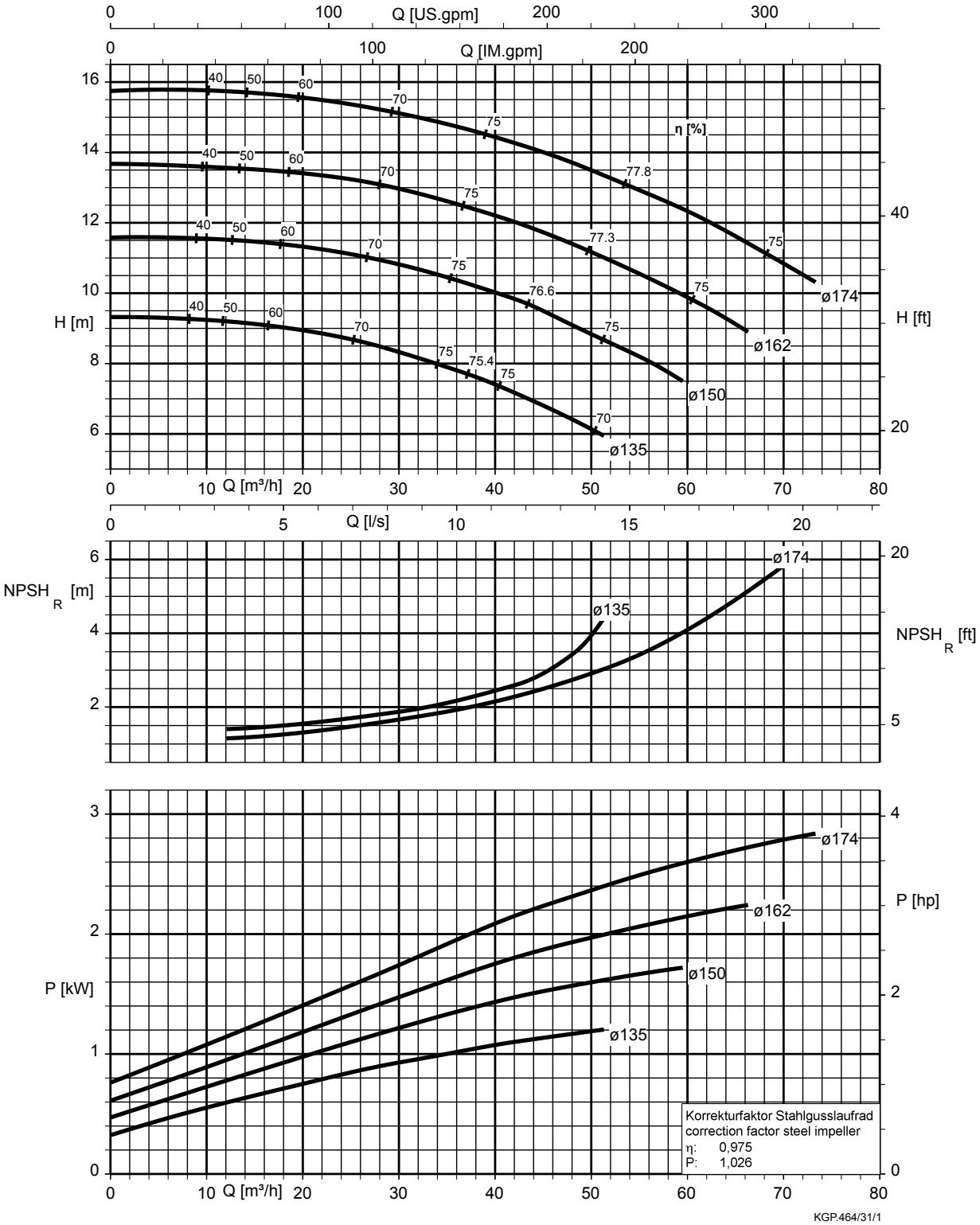
MegaCPK 080-050-125, n = 1.750 rpm

Meganorm, Megabloc



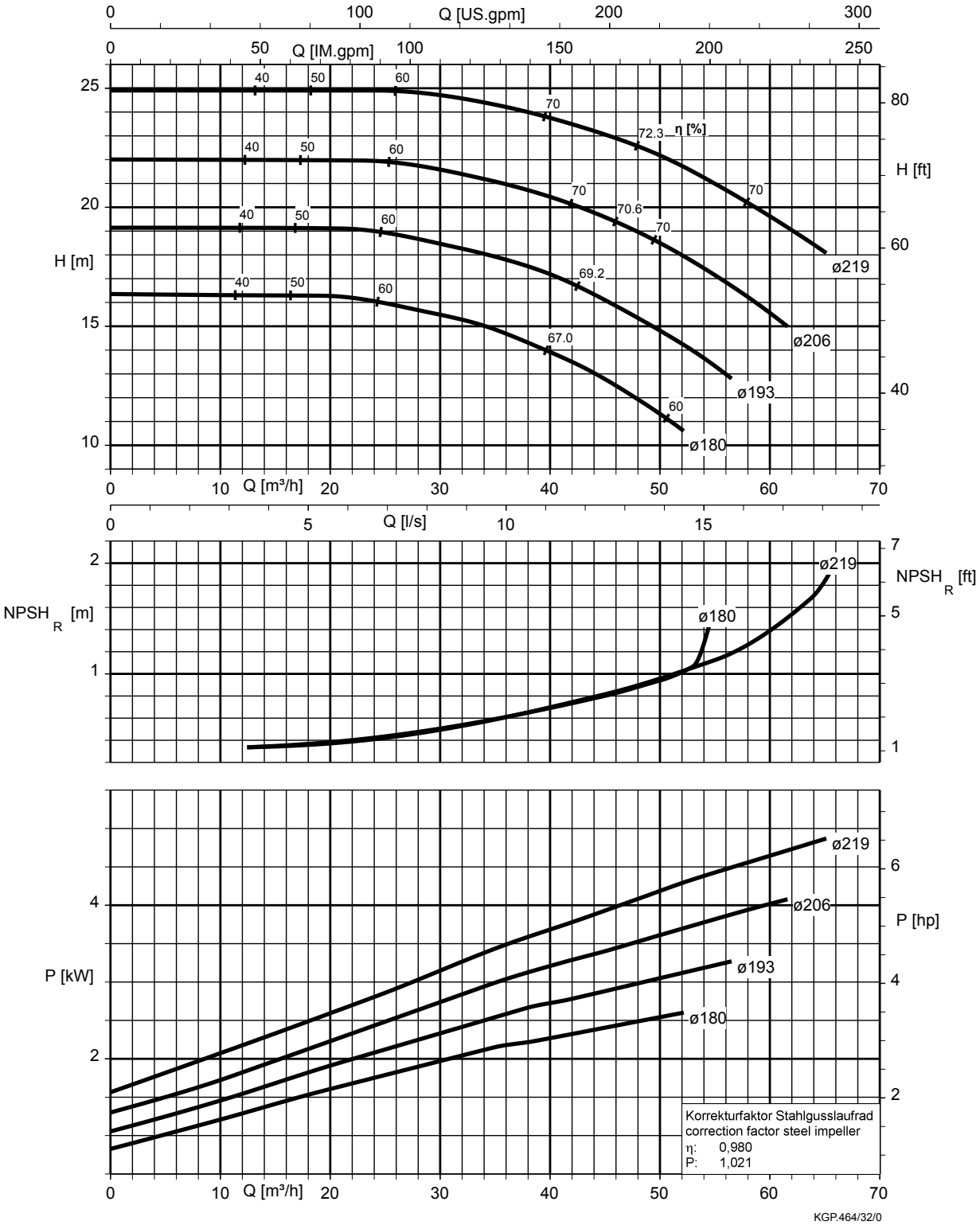
MegaCPK 080-050-160, n = 1.750 rpm

Meganorm, Megabloc



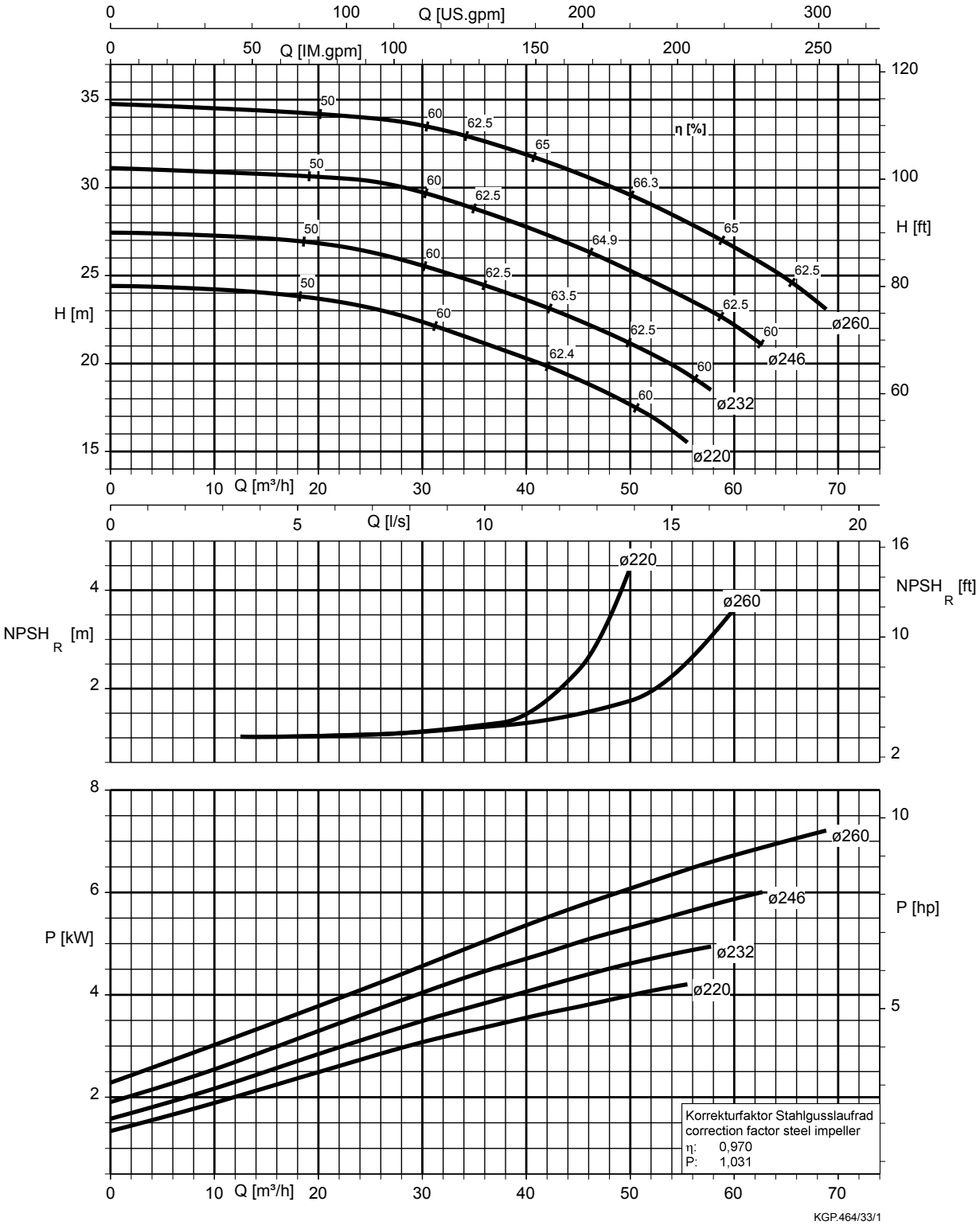
MegaCPK 080-050-200, n = 1.750 rpm

Meganorm, Megabloc



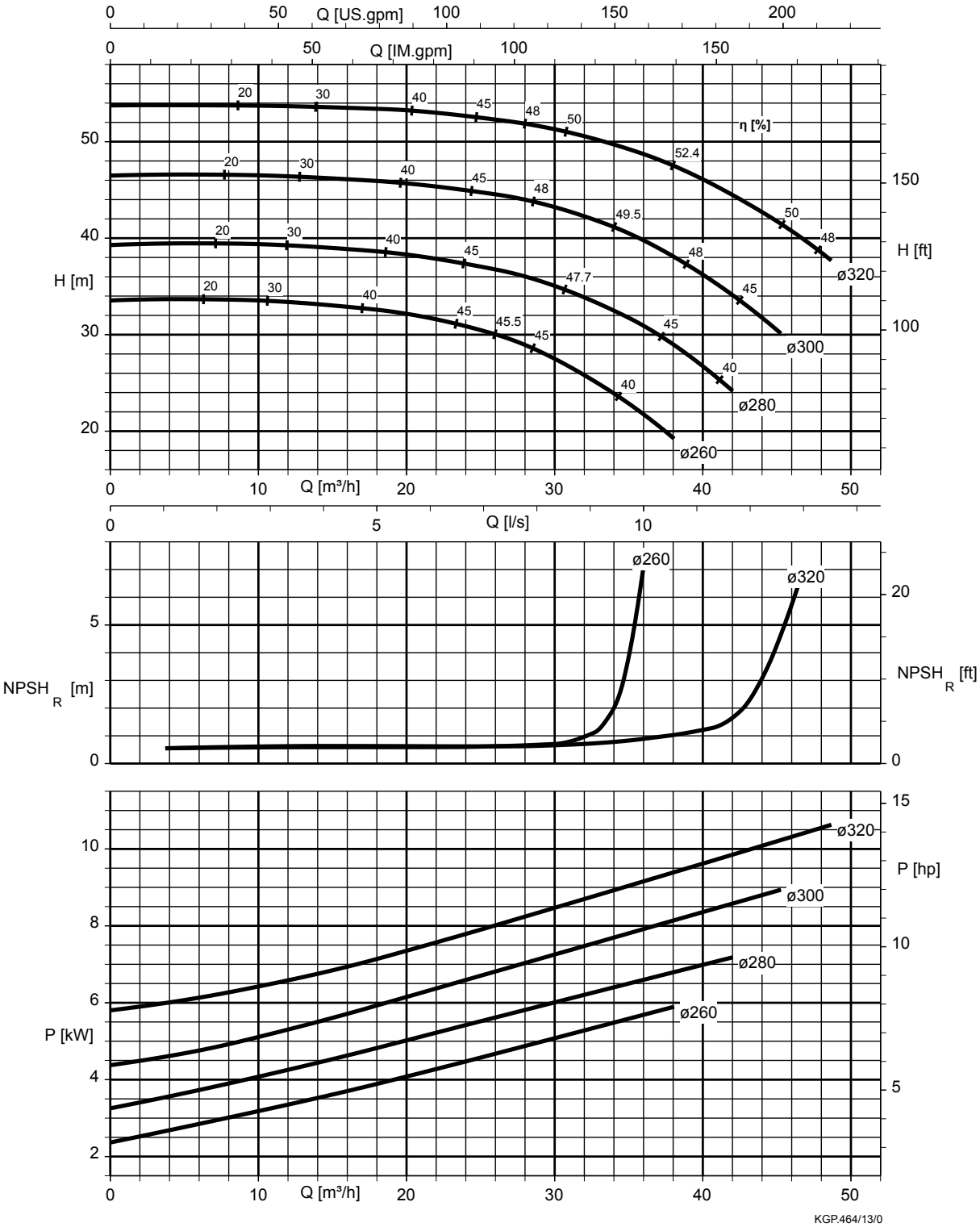
MegaCPK 080-050-250, n = 1.750 rpm

Meganorm, Megabloc



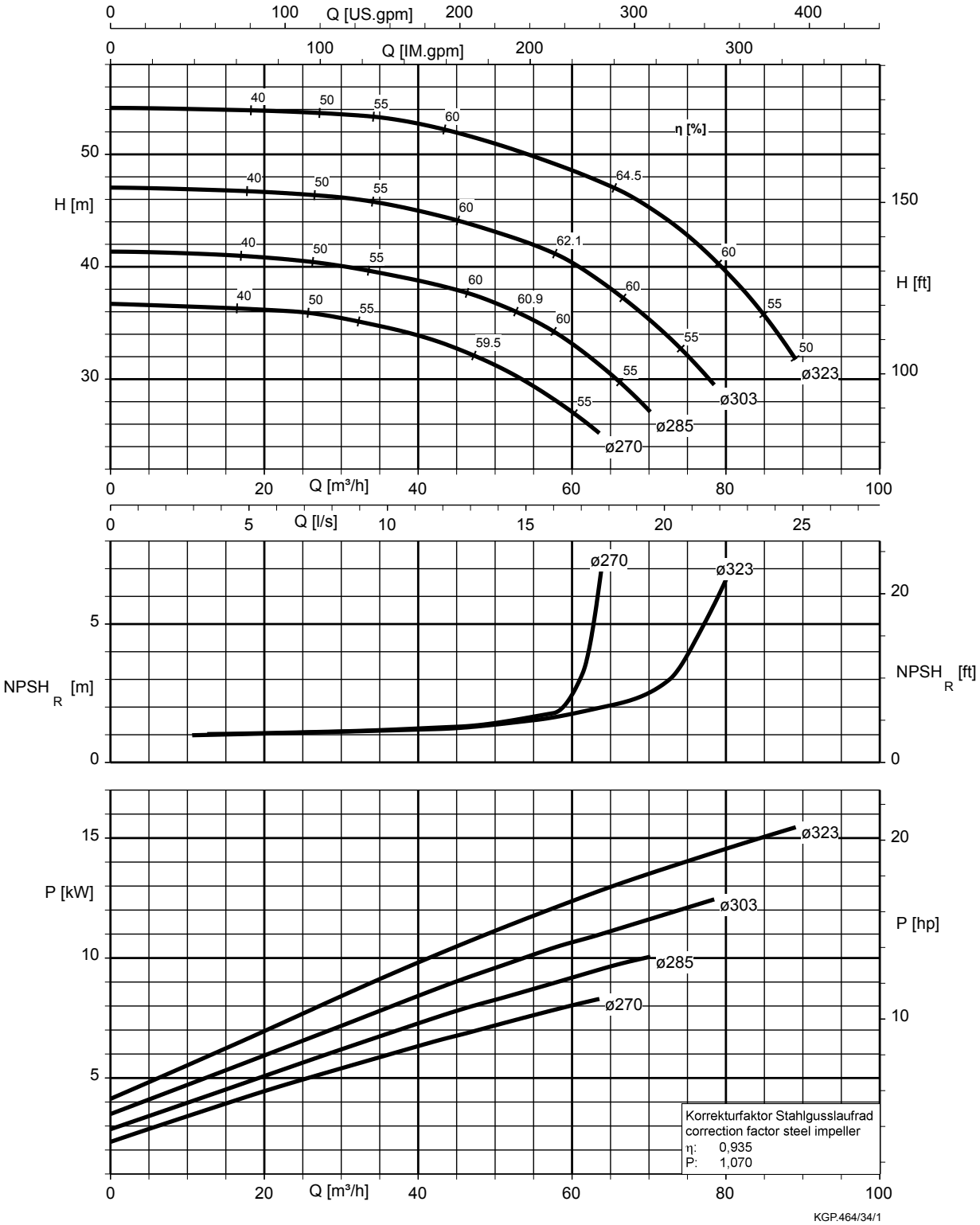
MegaCPK 080-050-315.1, n = 1750 rpm

Meganorm



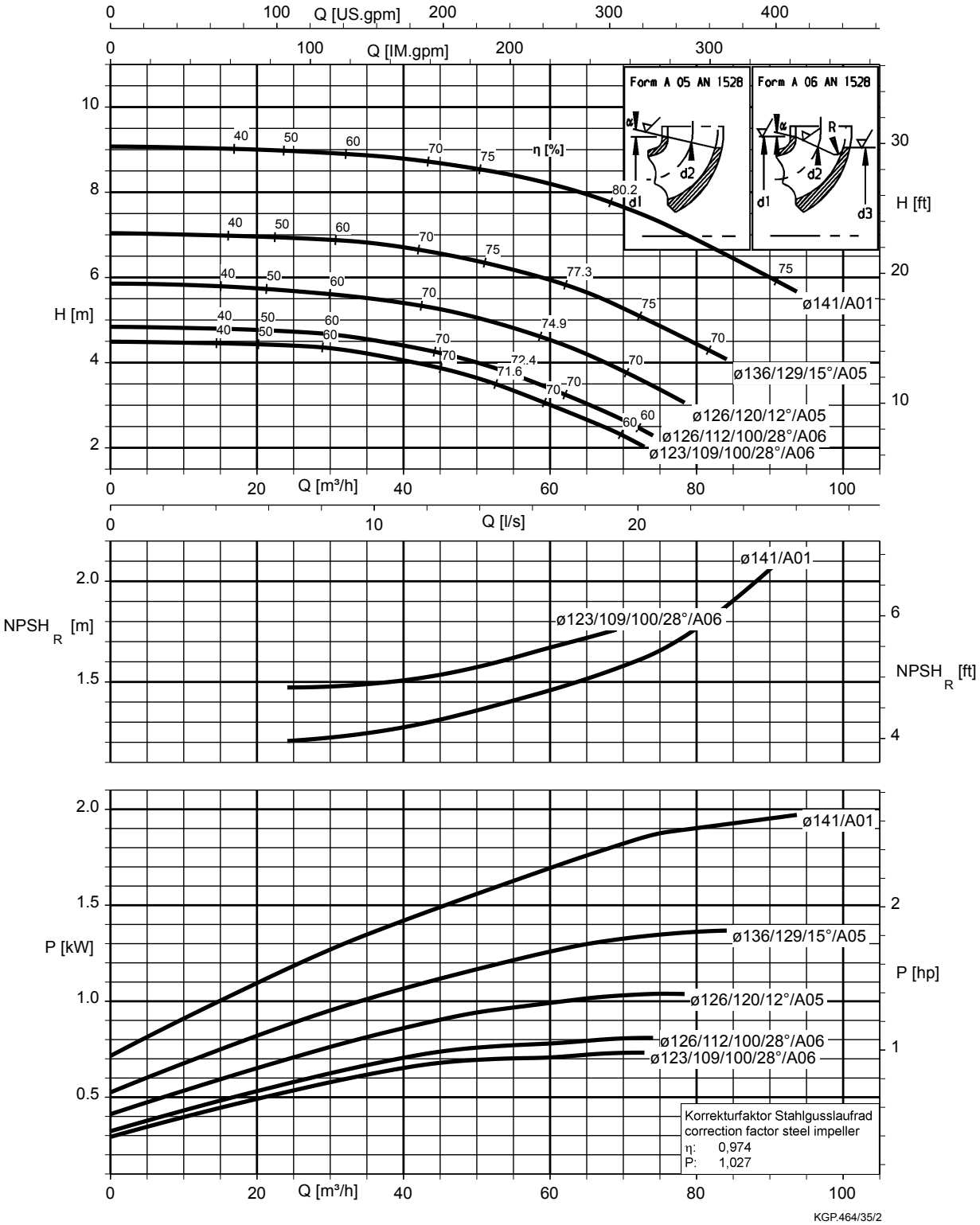
MegaCPK 080-050-315, n = 1.750 rpm

Meganorm, Megabloc



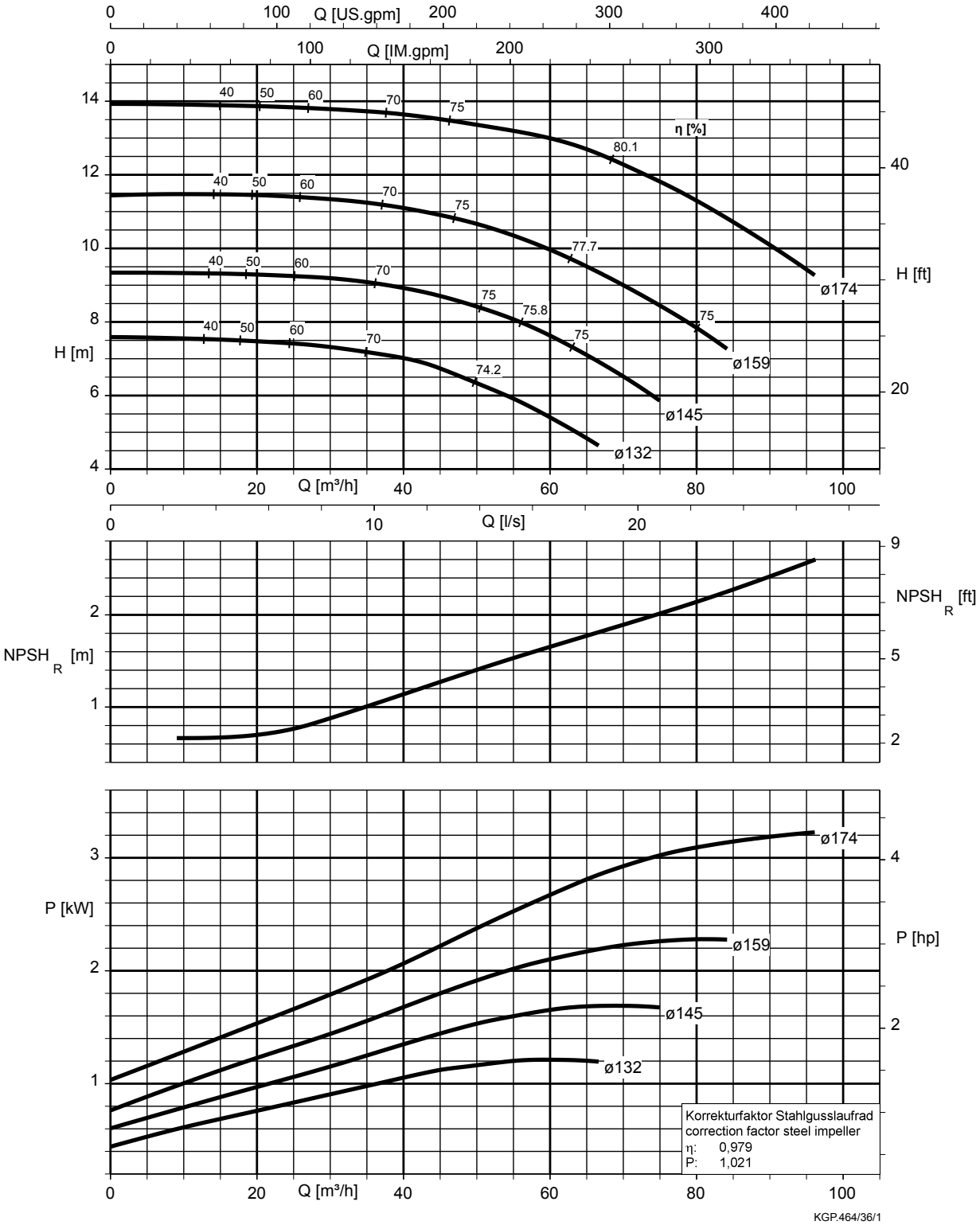
MegaCPK 100-065-125, n = 1.750 rpm

Meganorm, Megabloc



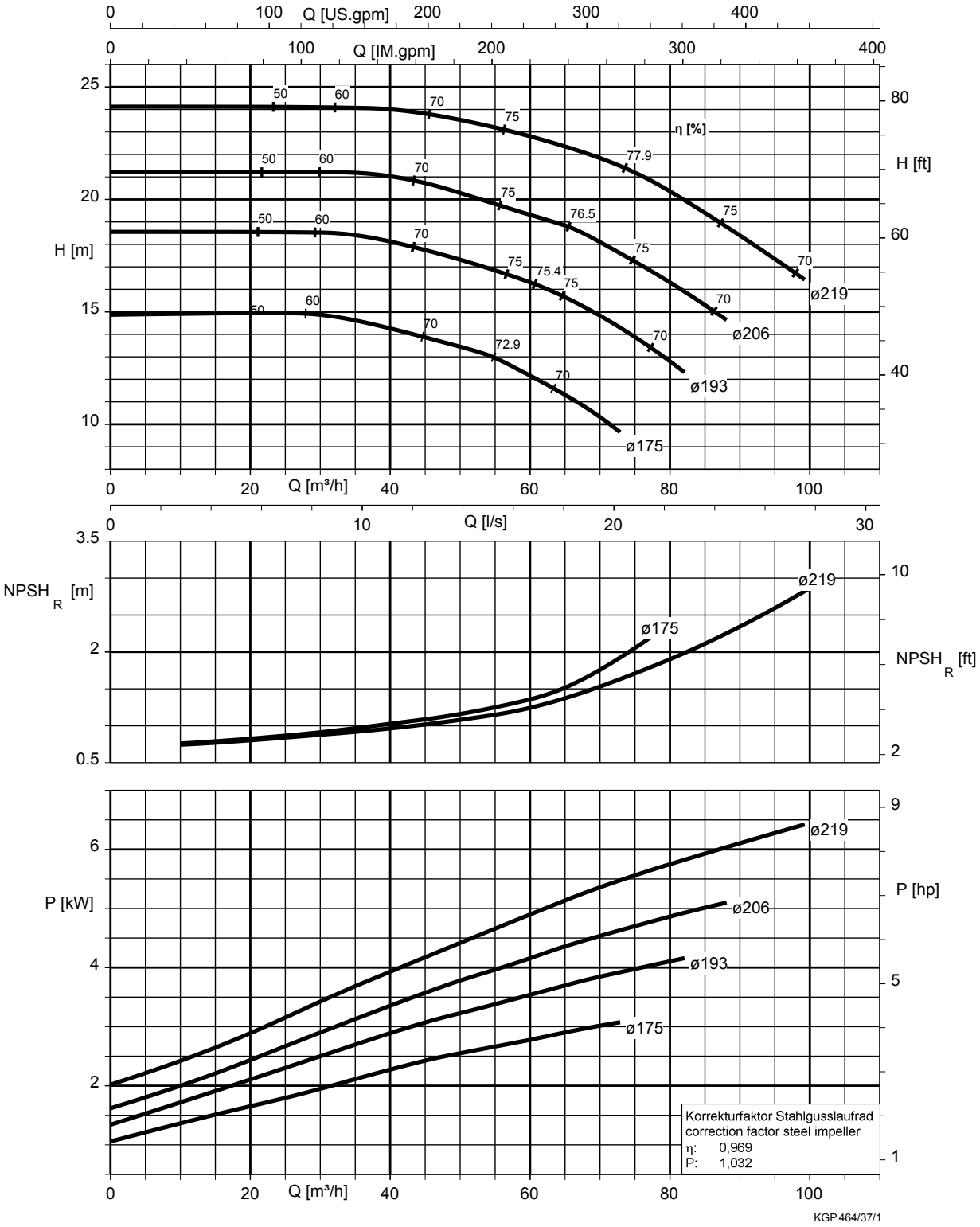
MegaCPK 100-065-160, n = 1.750 rpm

Meganorm, Megabloc



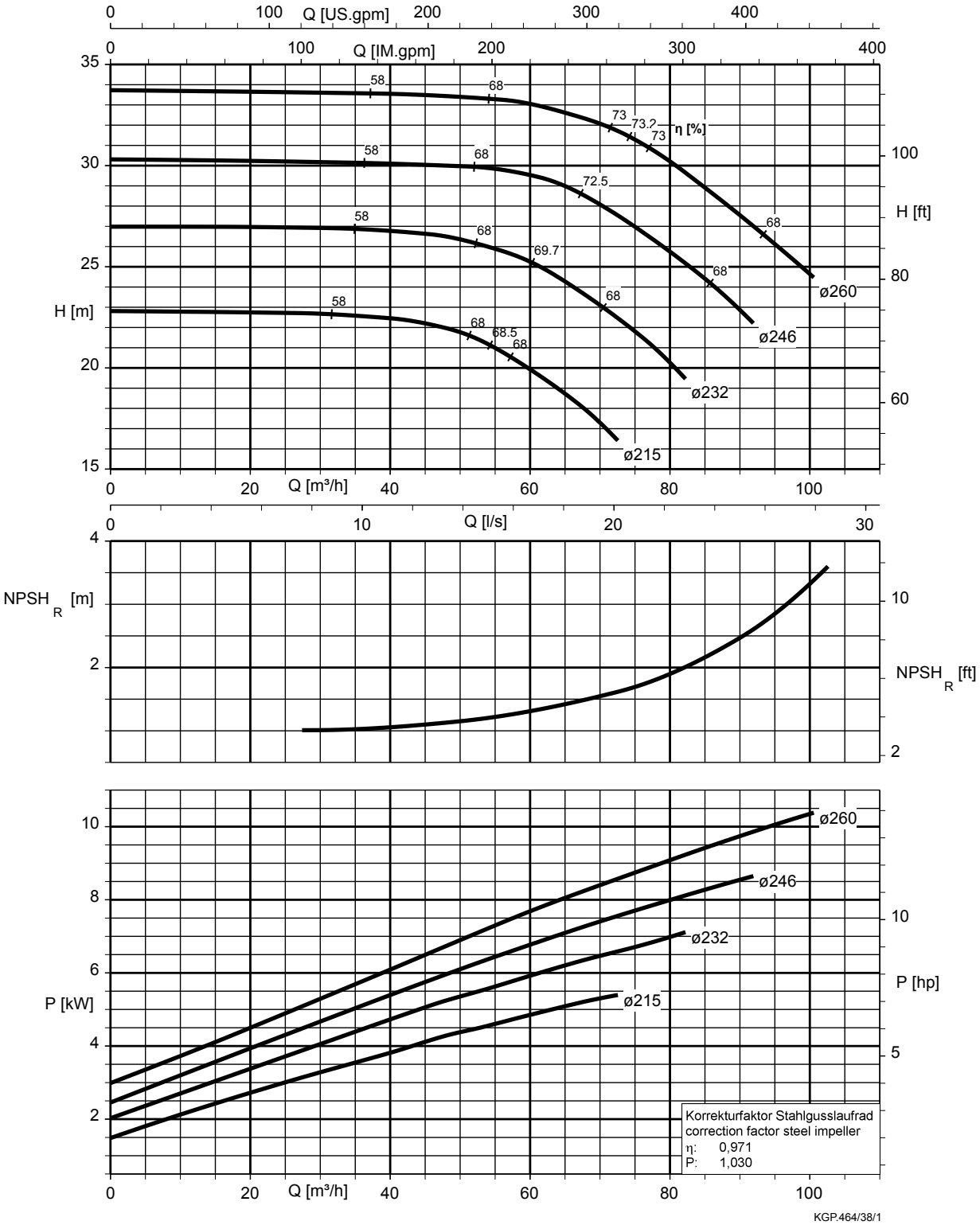
MegaCPK 100-065-200, n = 1.750 rpm

Meganorm, Megabloc



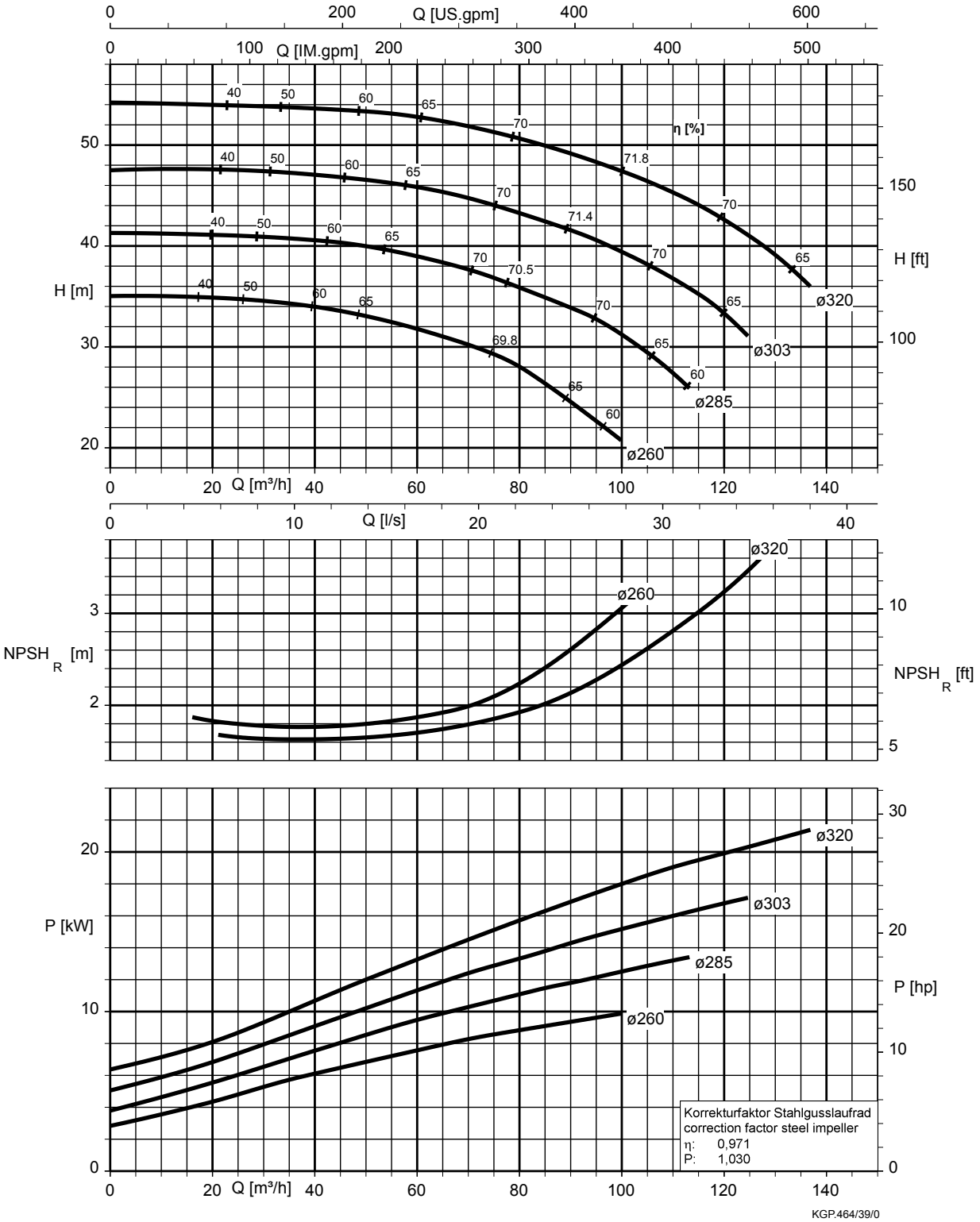
MegaCPK 100-065-250, n = 1.750 rpm

Meganorm, Megabloc



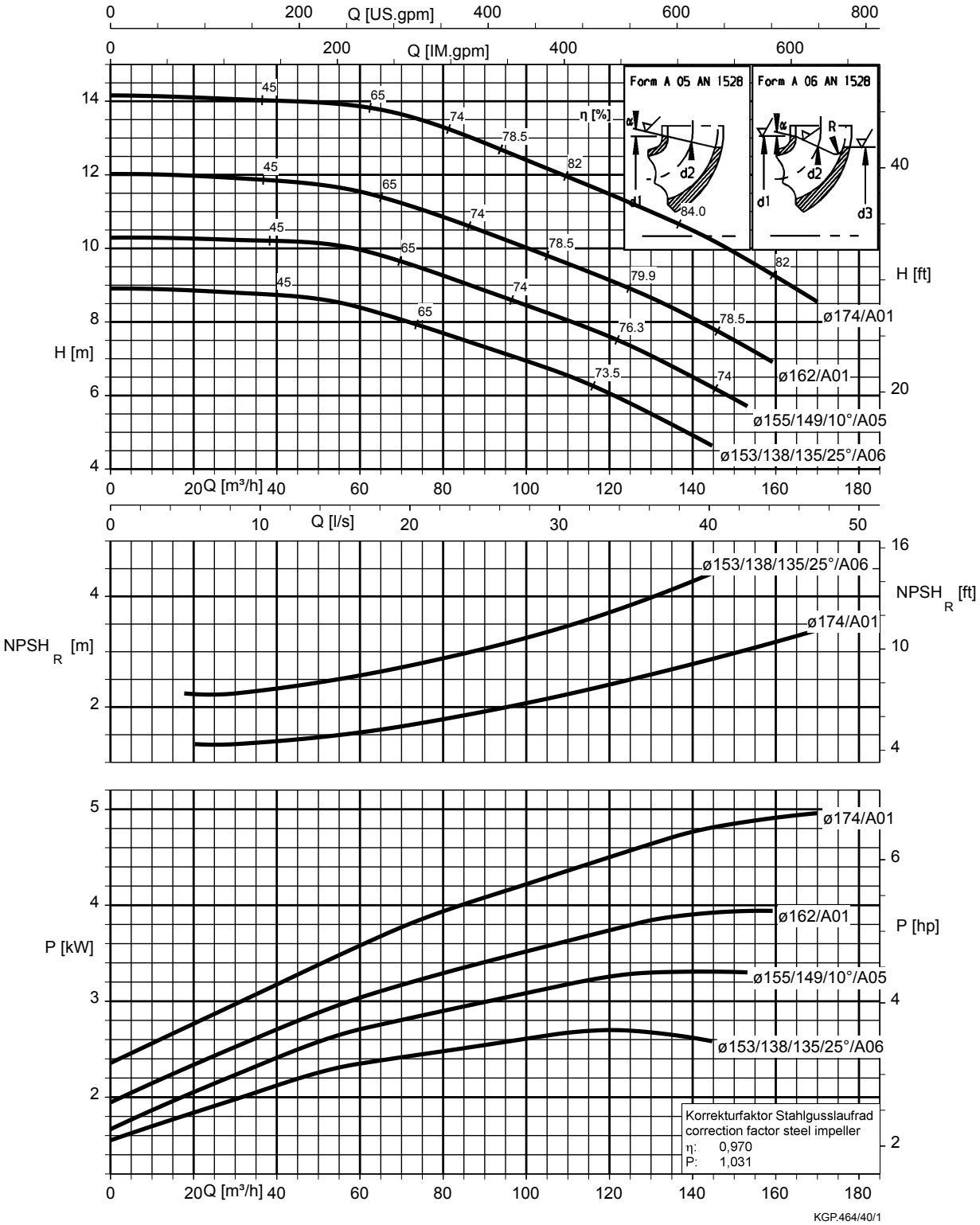
MegaCPK 100-065-315, n = 1.750 rpm

Meganorm, Megabloc



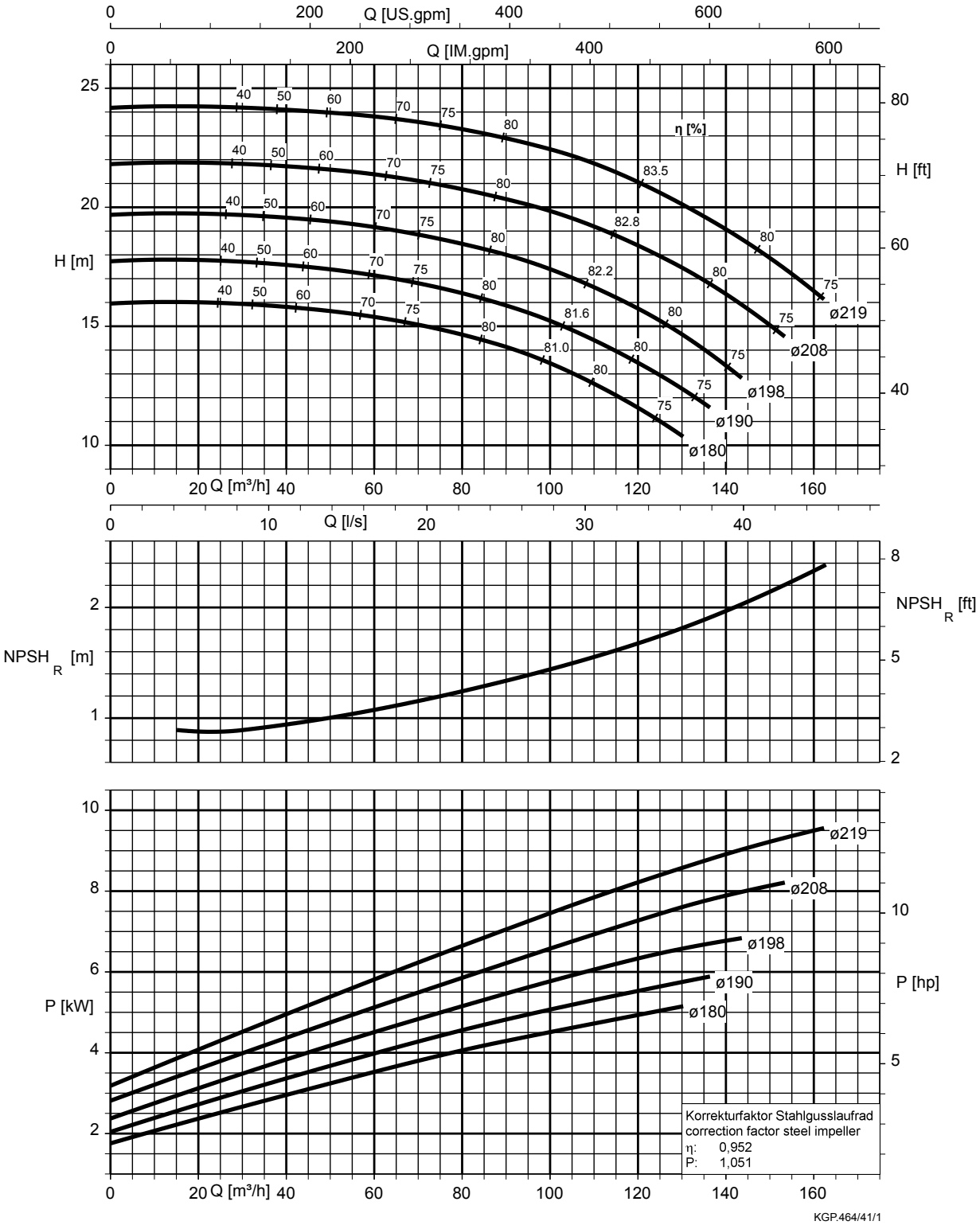
MegaCPK 125-080-160, n = 1.750 rpm

Meganorm, Megabloc



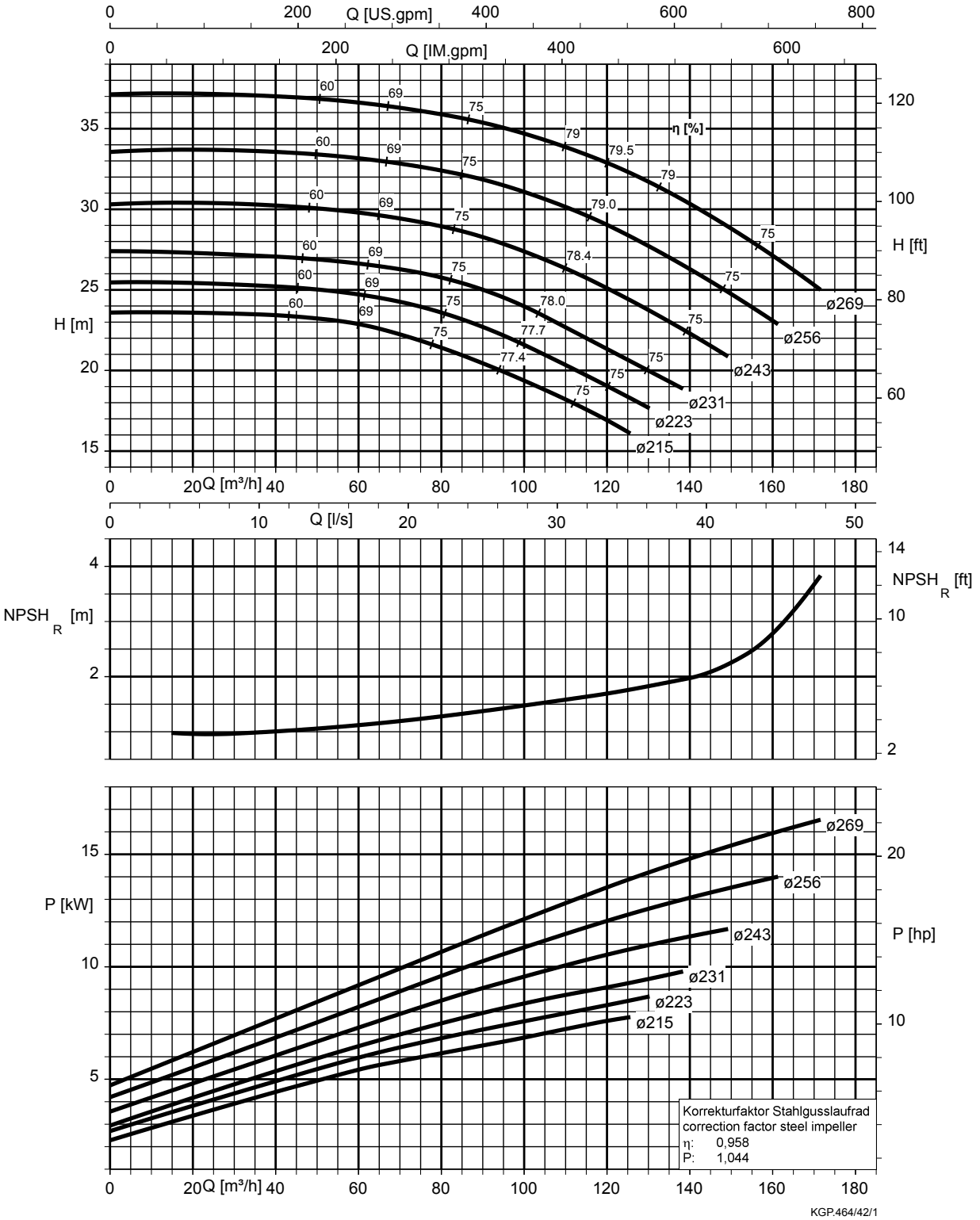
MegaCPK 125-080-200, n = 1.750 rpm

Meganorm, Megabloc



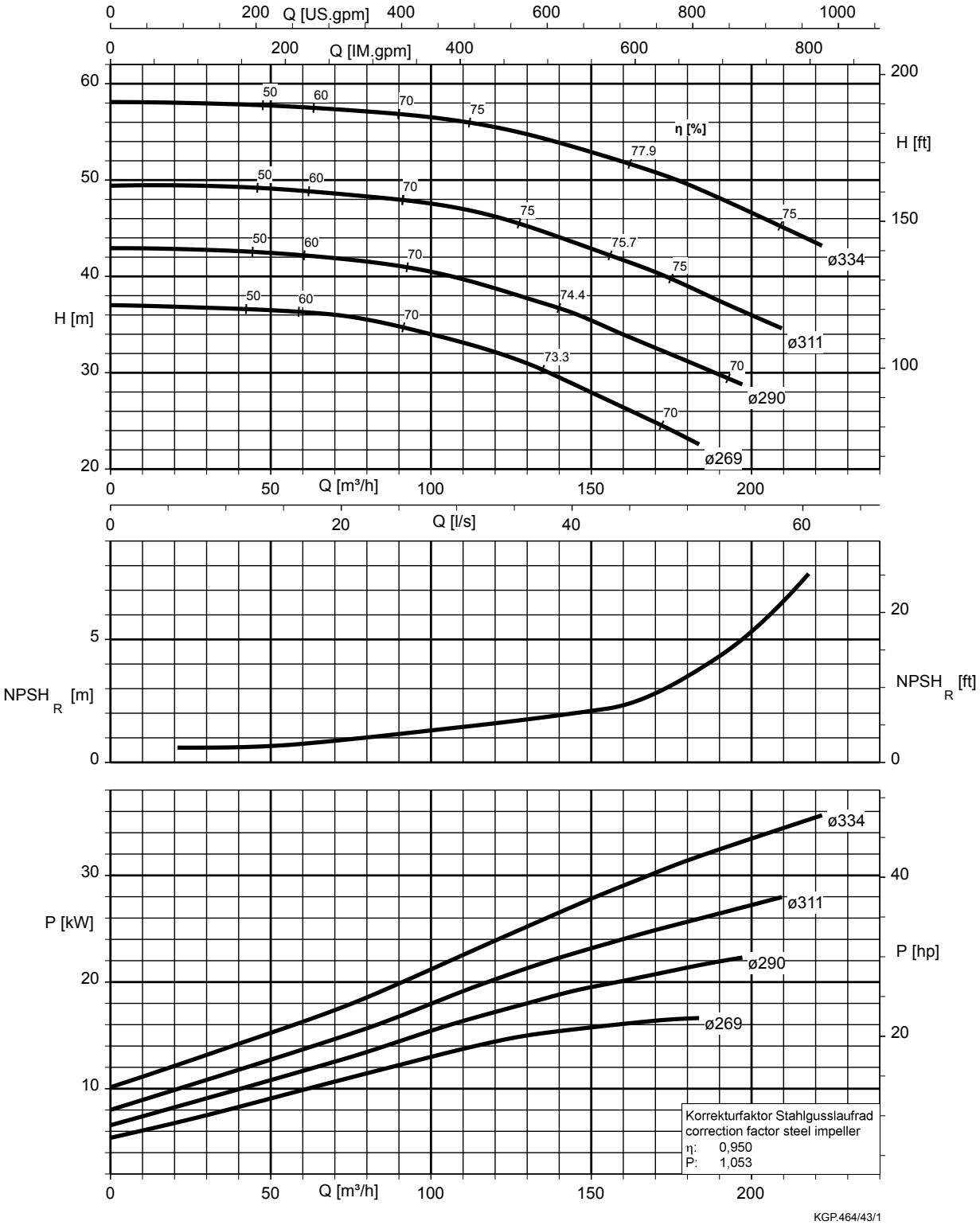
MegaCPK 125-080-250, n = 1.750 rpm

Meganorm, Megabloc



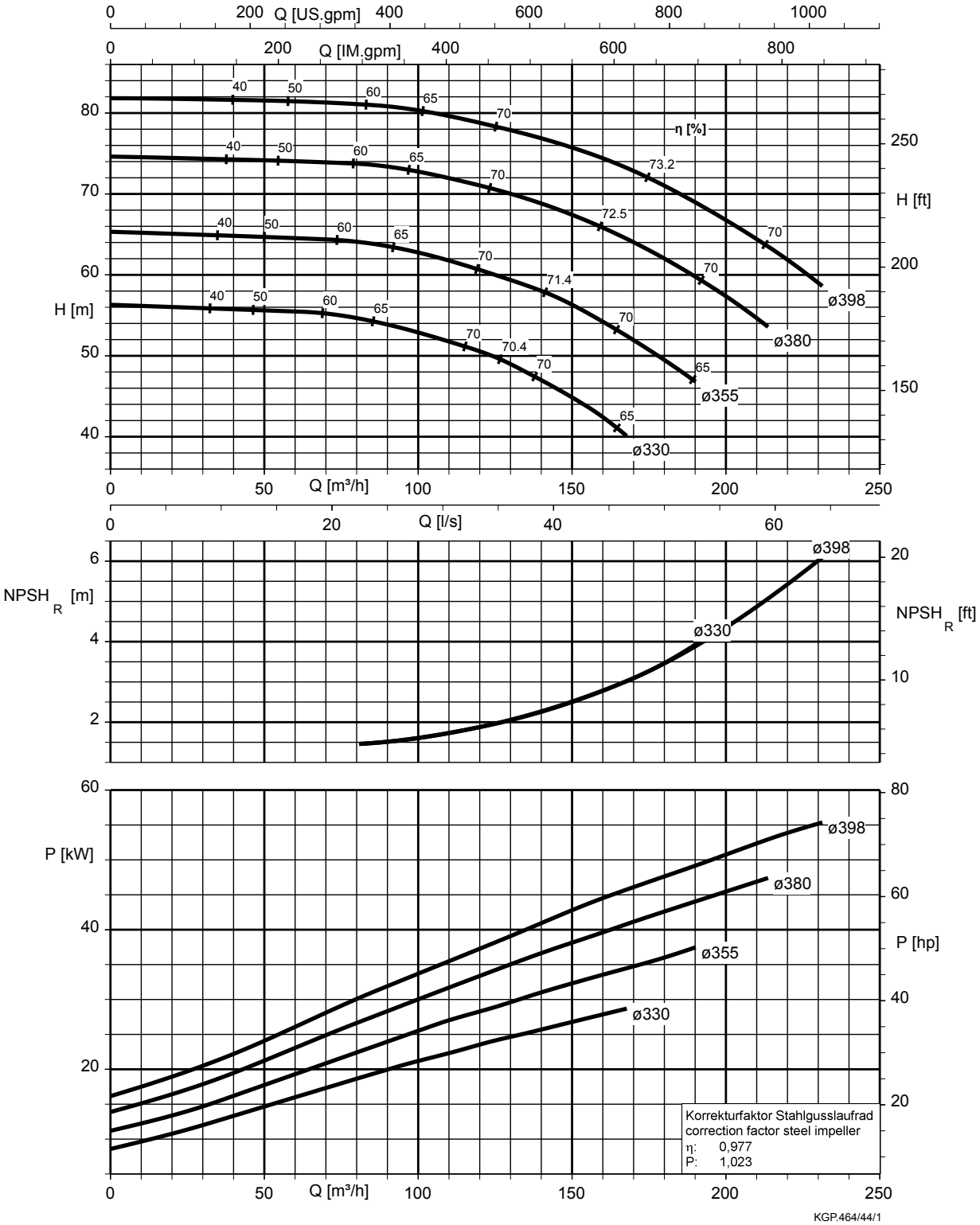
MegaCPK 125-080-315, n = 1.750 rpm

Meganorm, Megabloc



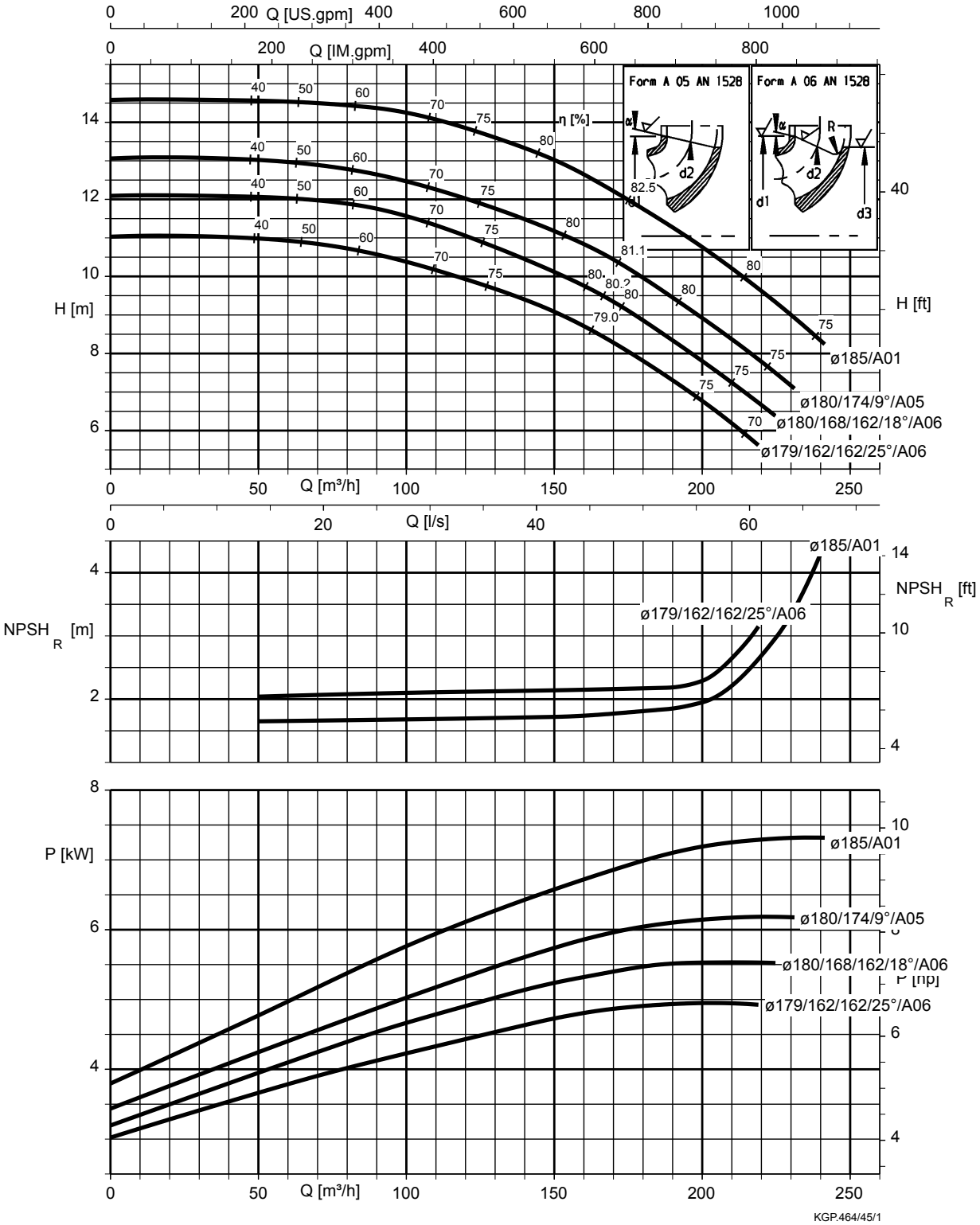
MegaCPK 125-080-400, n = 1.750 rpm

Meganorm



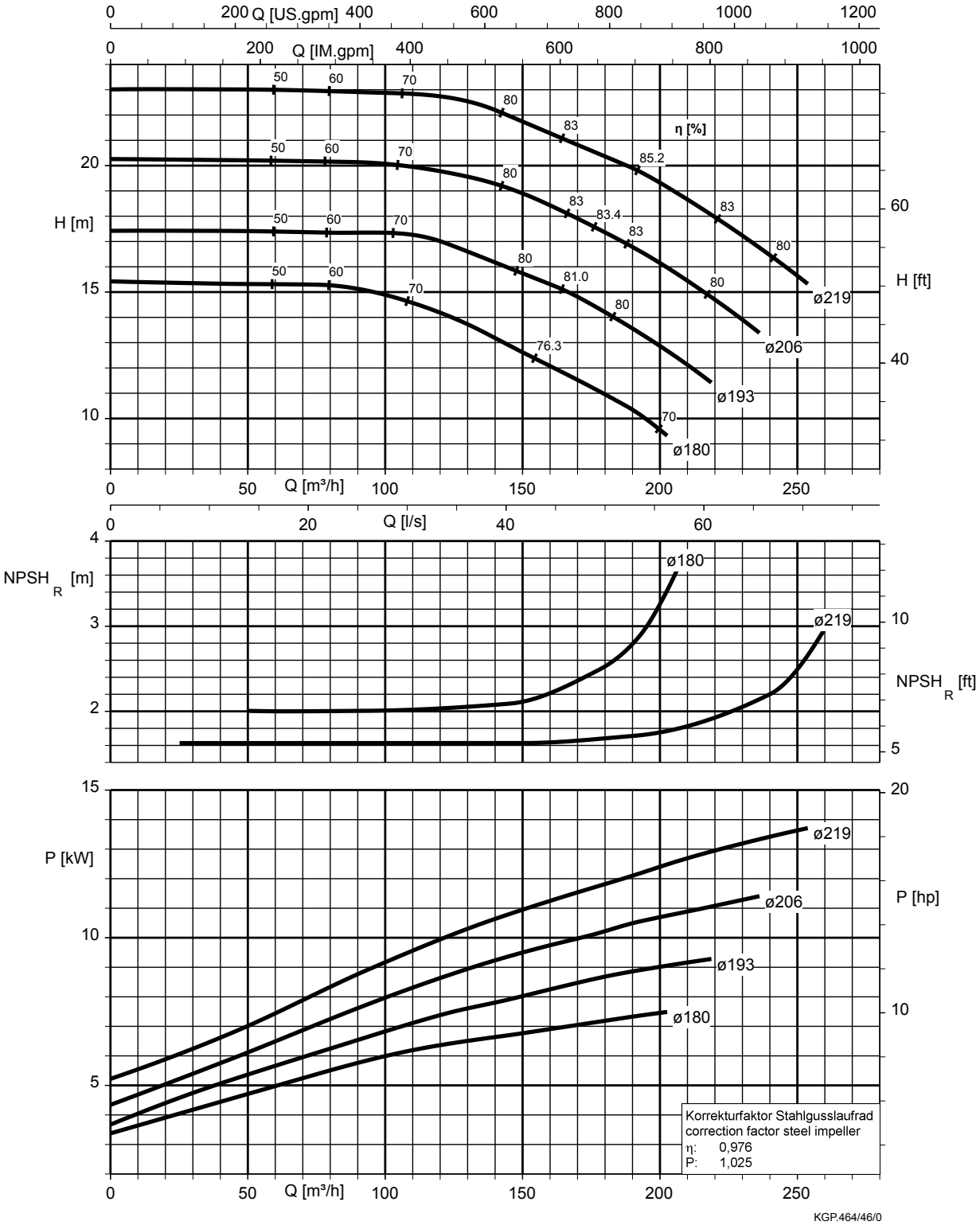
MegaCPK 125-100-160, n = 1750 rpm

Meganorm



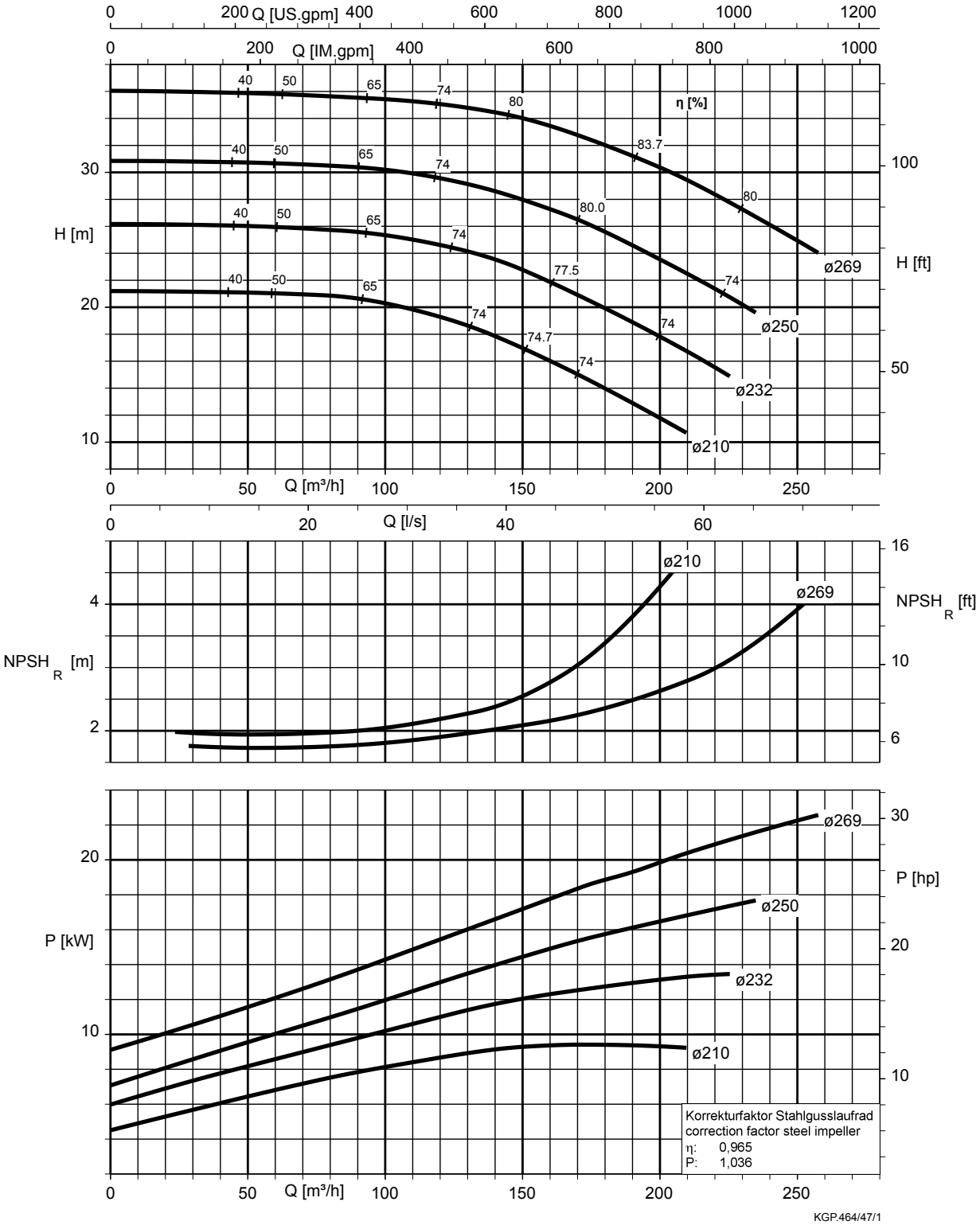
MegaCPK 125-100-200, n = 1750 r.p.m.

Meganorm, Megabloc



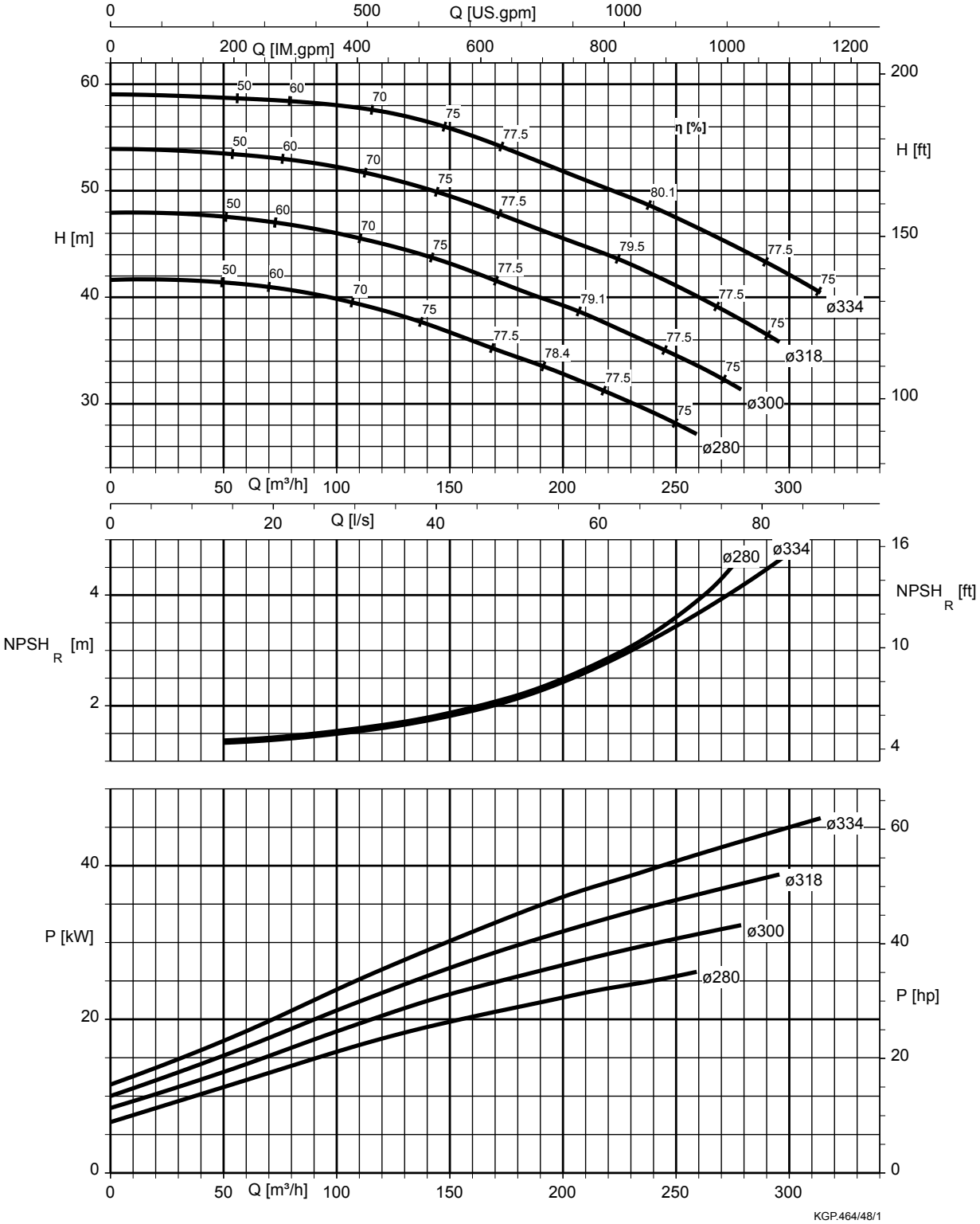
MegaCPK 125-100-250, n = 1750 r.p.m.

Meganorm, Megabloc



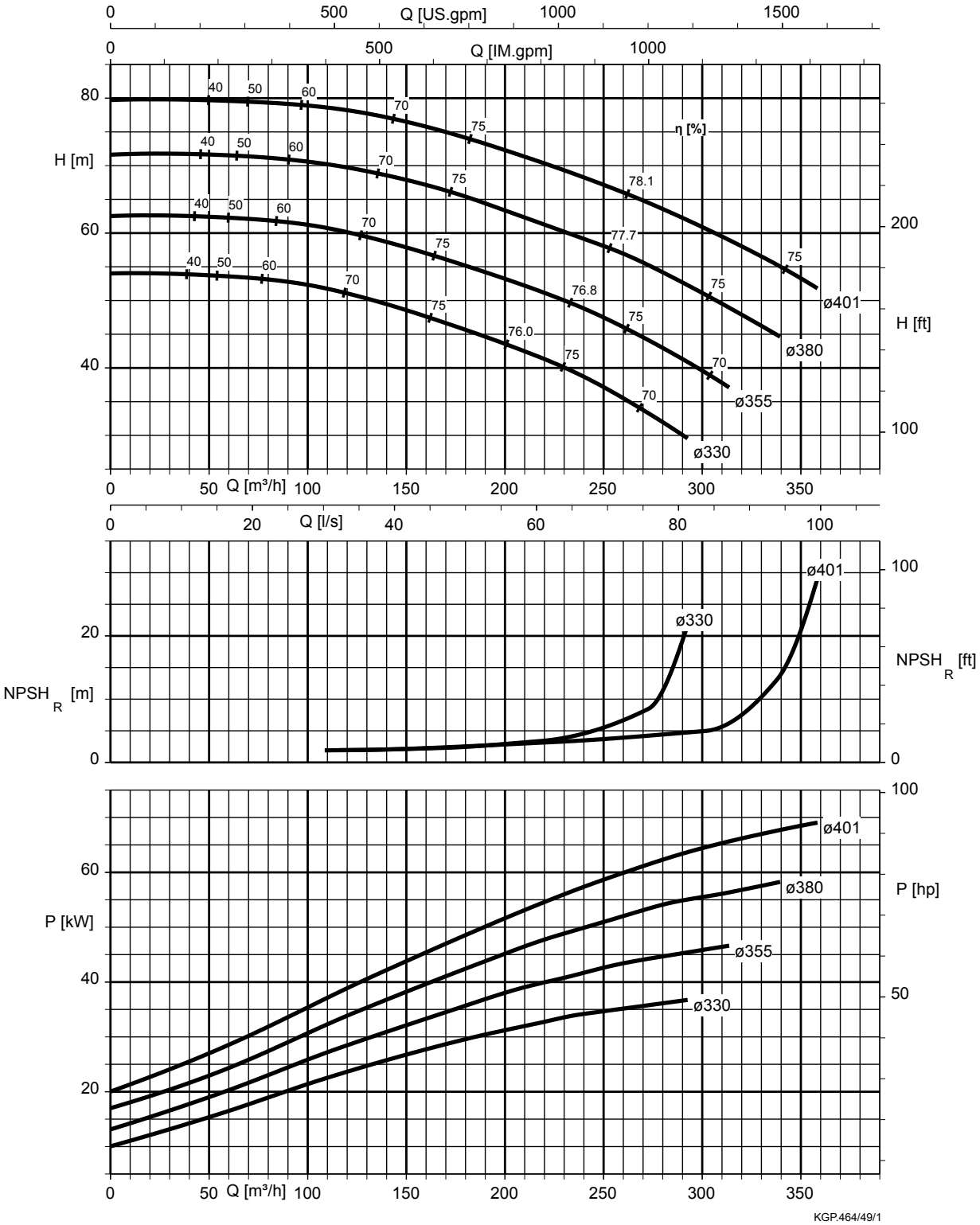
MegaCPK 125-100-315, n = 1750 r.p.m.

Meganorm, Megabloc



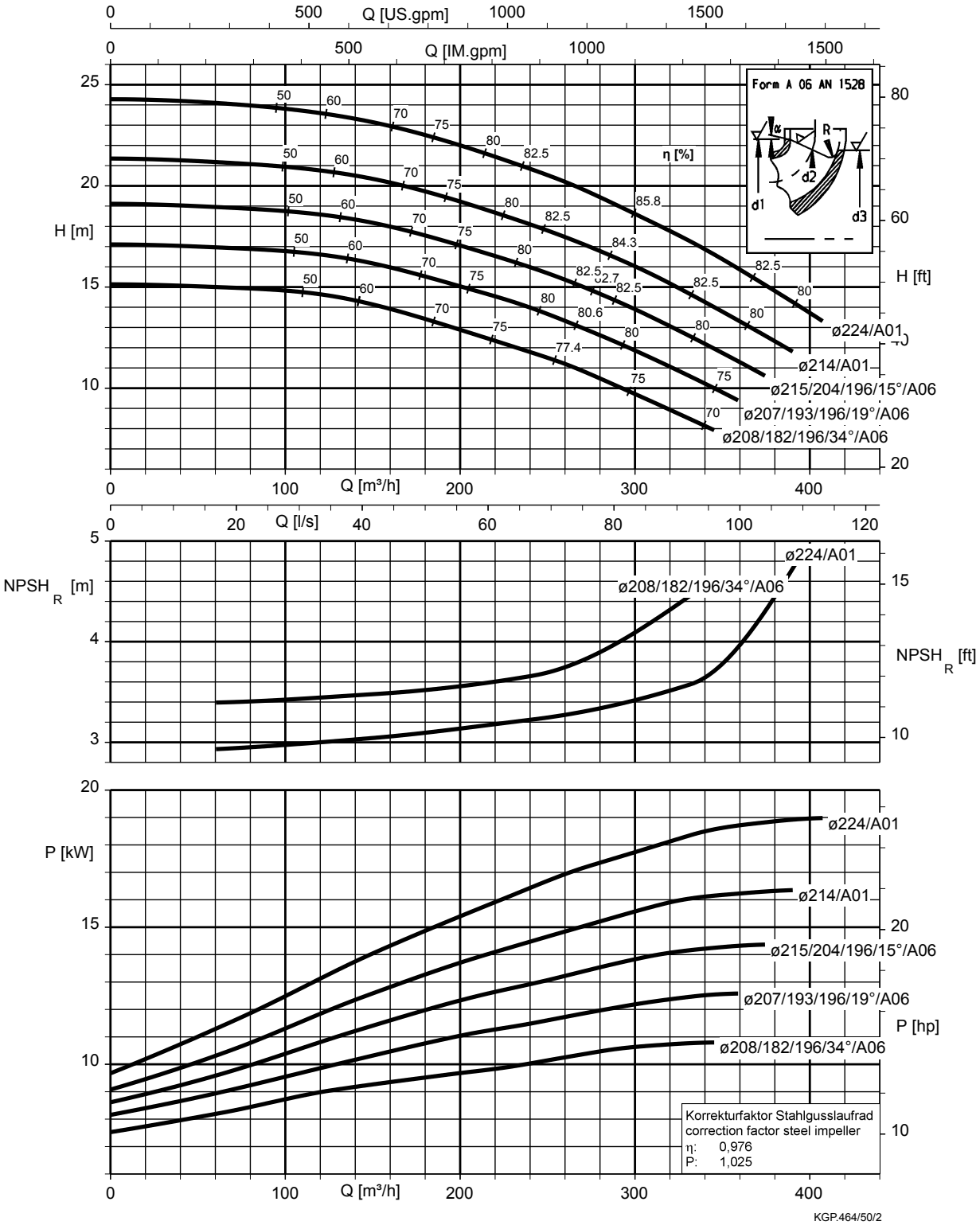
MegaCPK 125-100-400, n = 1750 r.p.m.

Meganorm



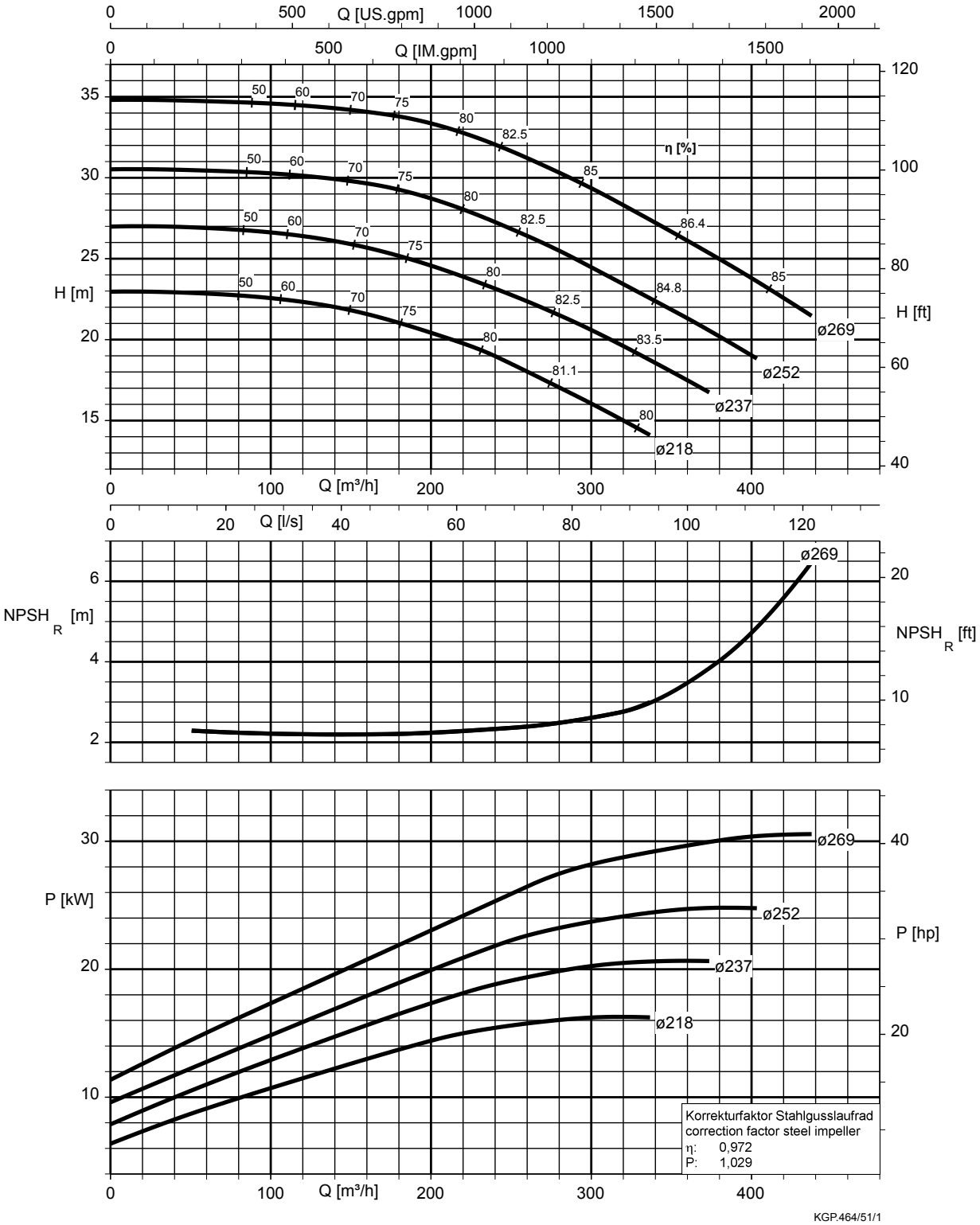
MegaCPK 150-125-200, n = 1750 r.p.m.

Meganorm, Megabloc



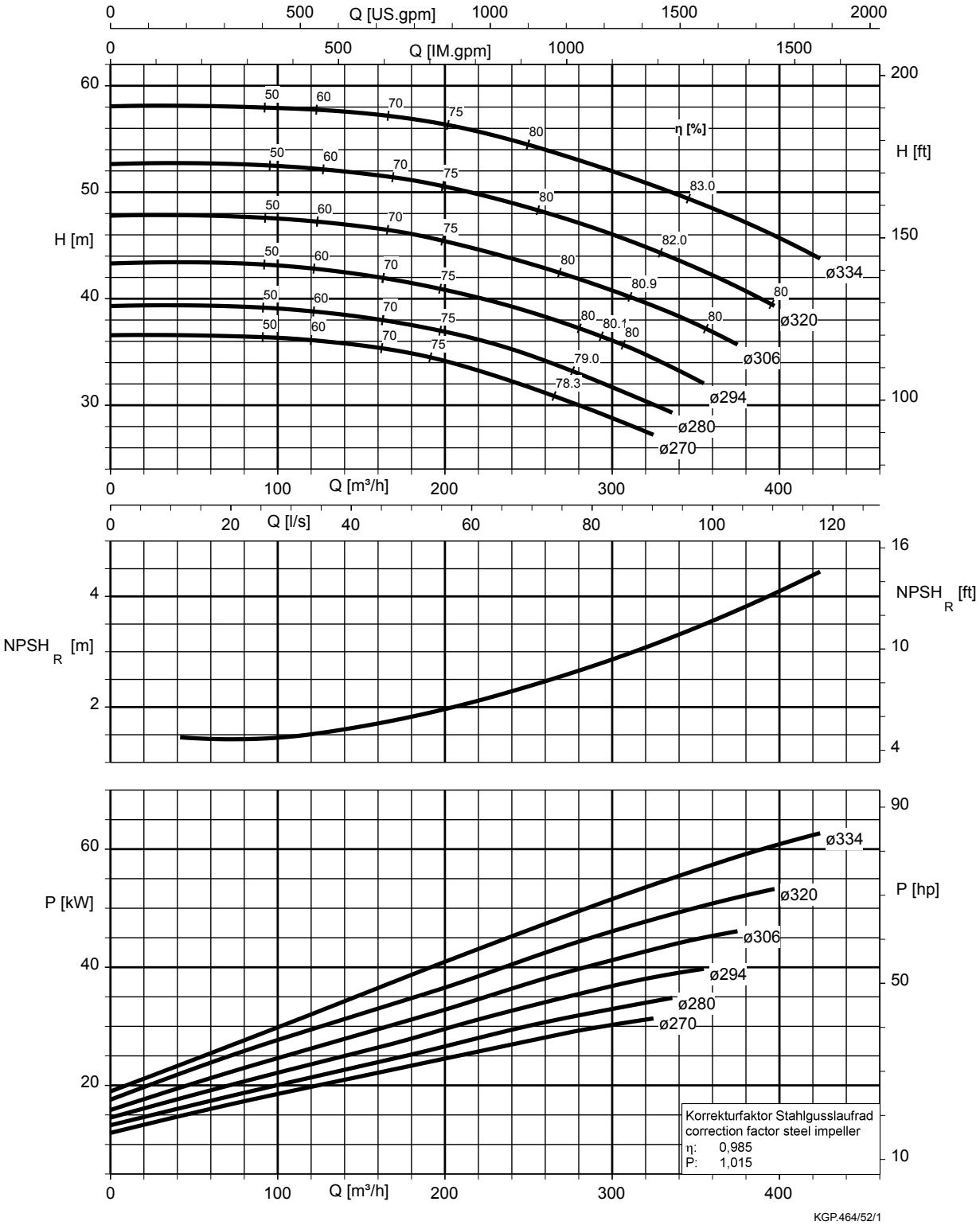
MegaCPK 150-125-250, n = 1750 r.p.m.

Meganorm, Megabloc



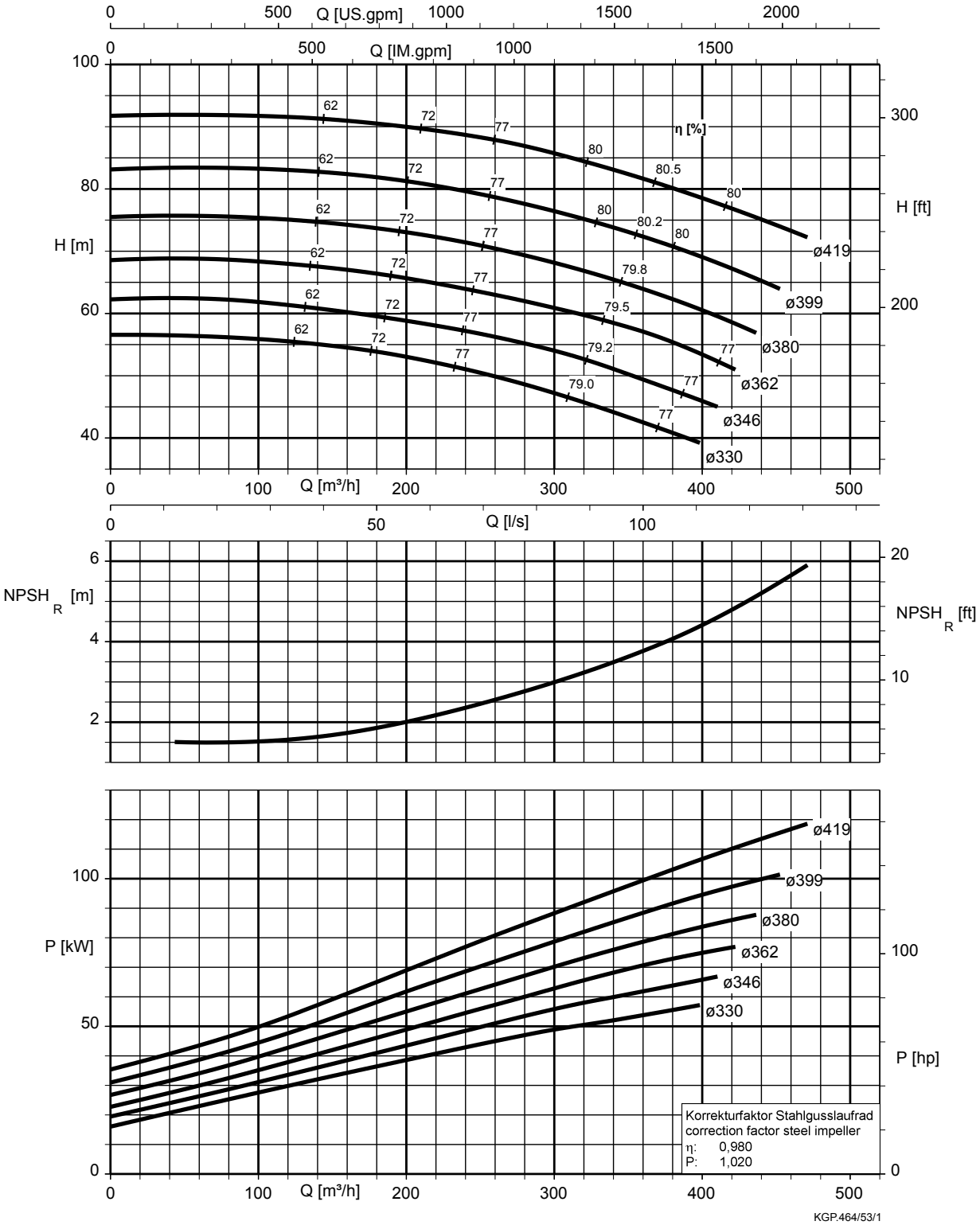
MegaCPK 150-125-315, n = 1750 r.p.m.

Meganorm



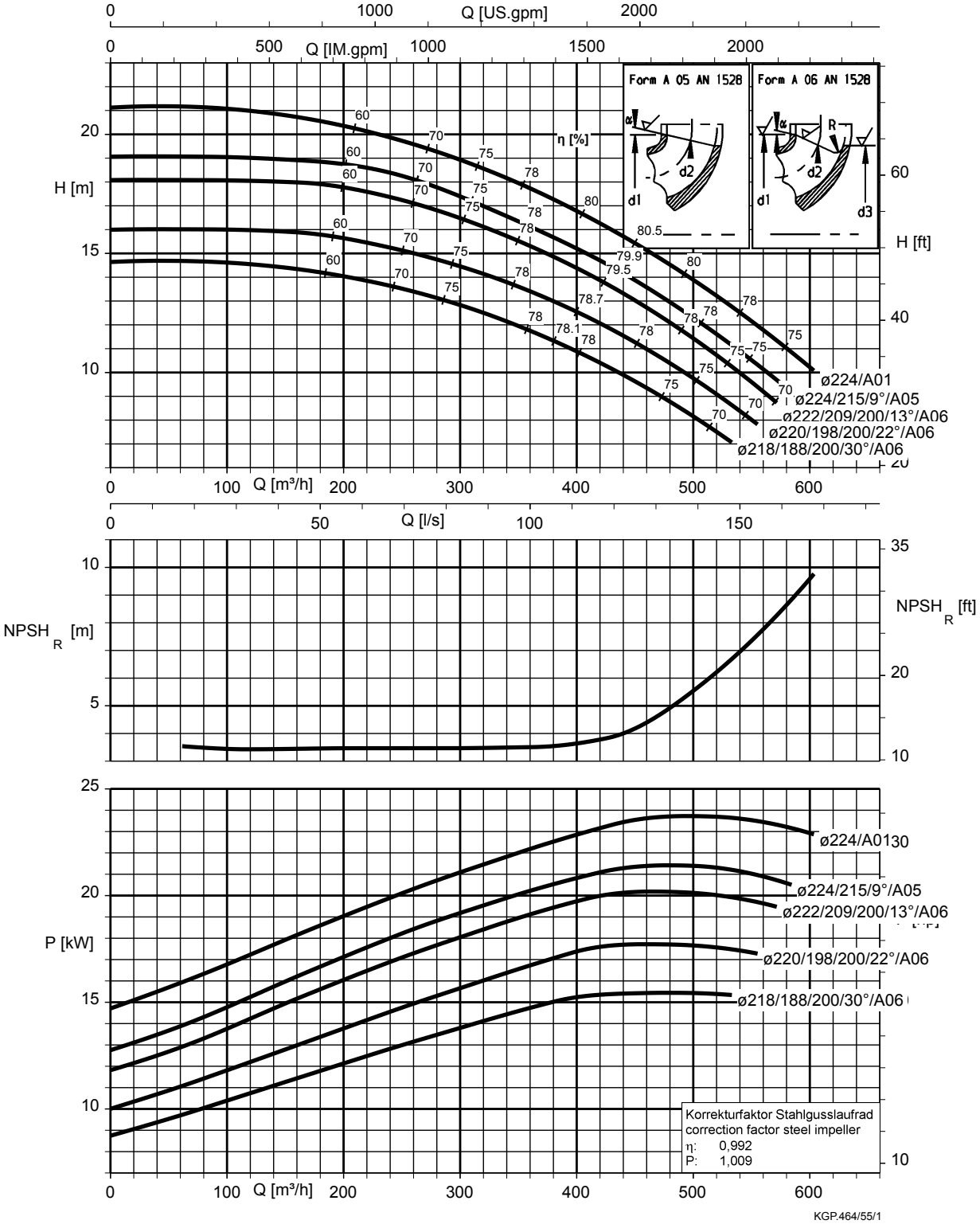
MegaCPK 150-125-400, n = 1750 r.p.m.

Meganorm



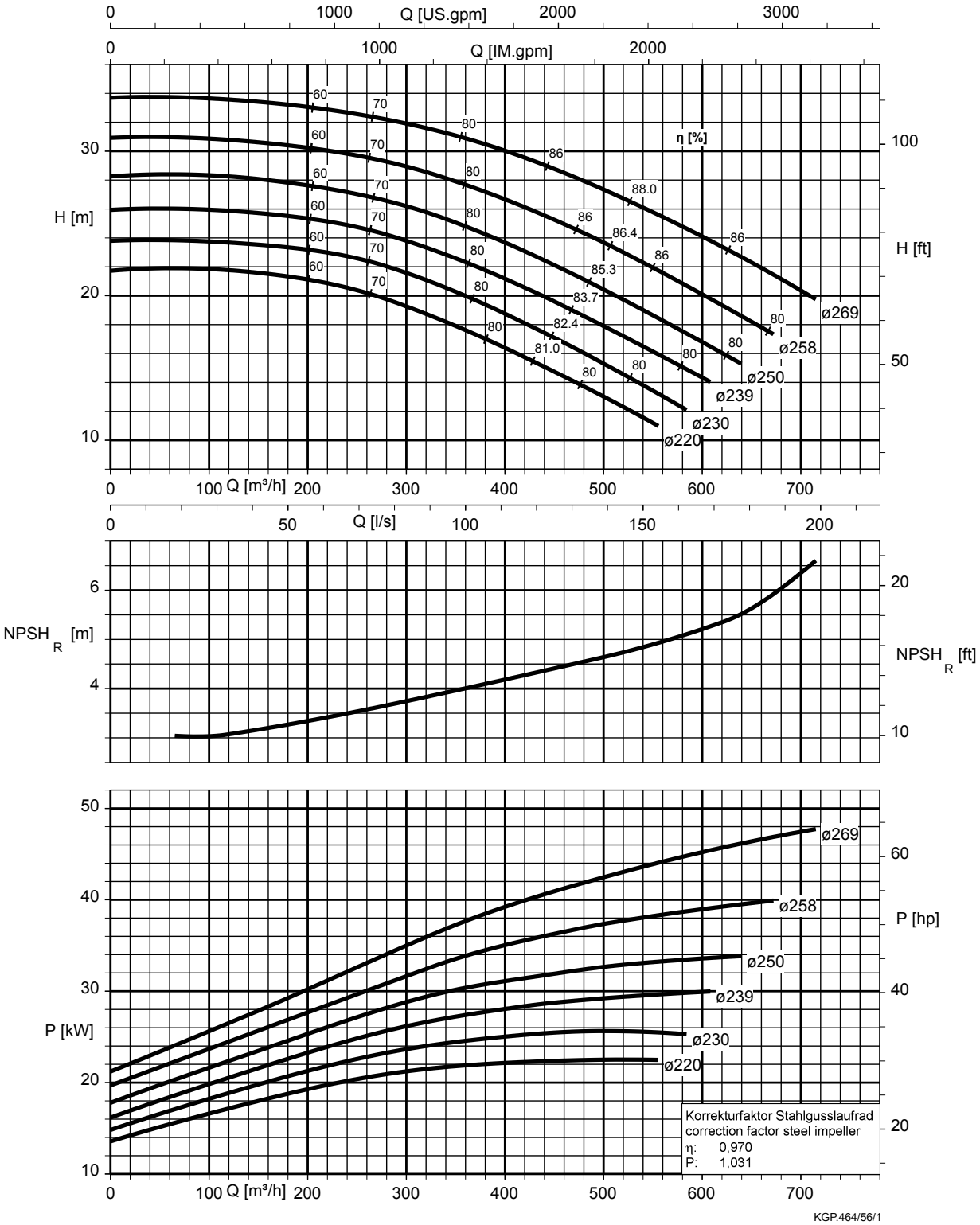
MegaCPK 200-150-200, n = 1750 r.p.m.

Meganorm, Megabloc



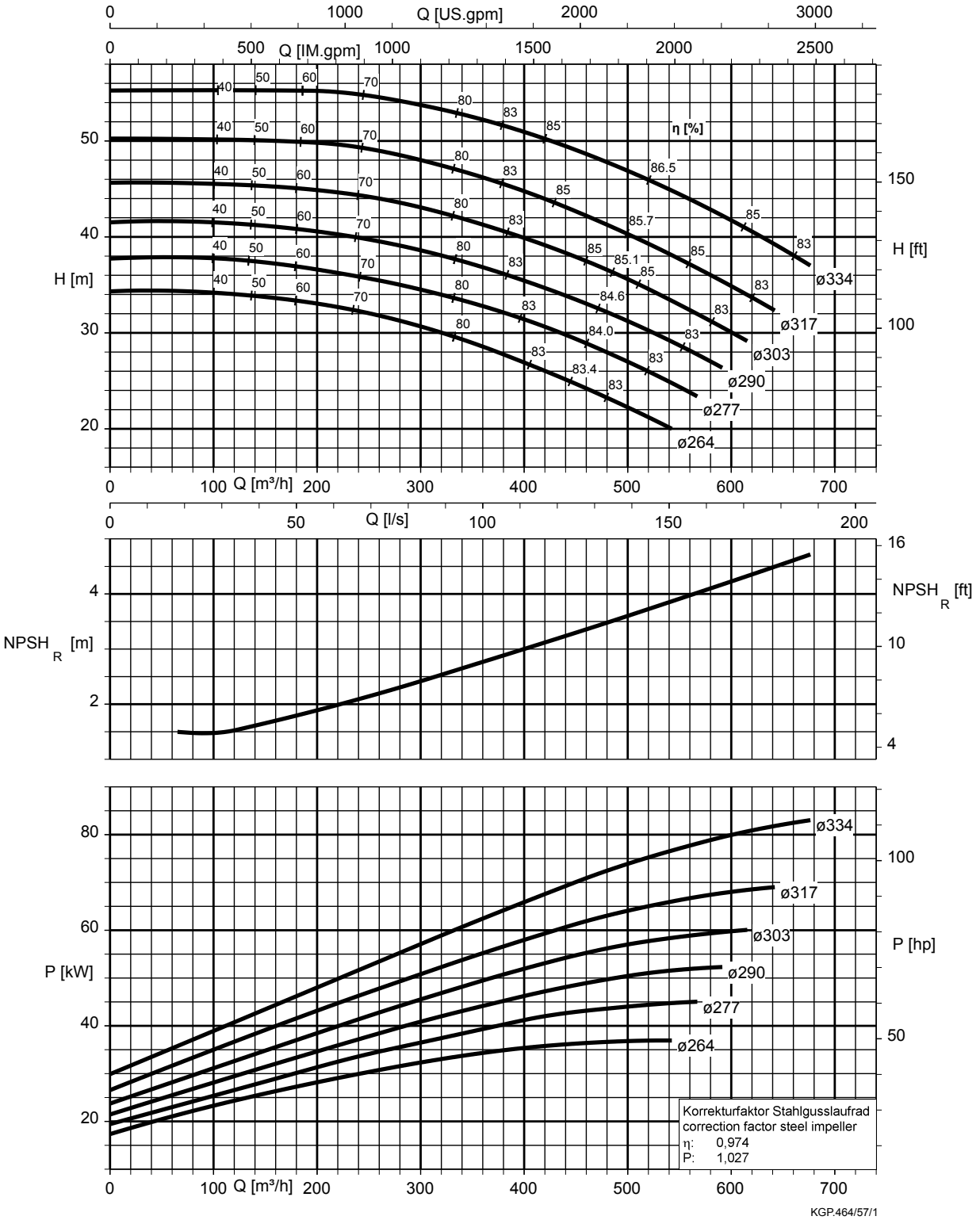
MegaCPK 200-150-250, n = 1750 r.p.m.

Meganorm, Megabloc



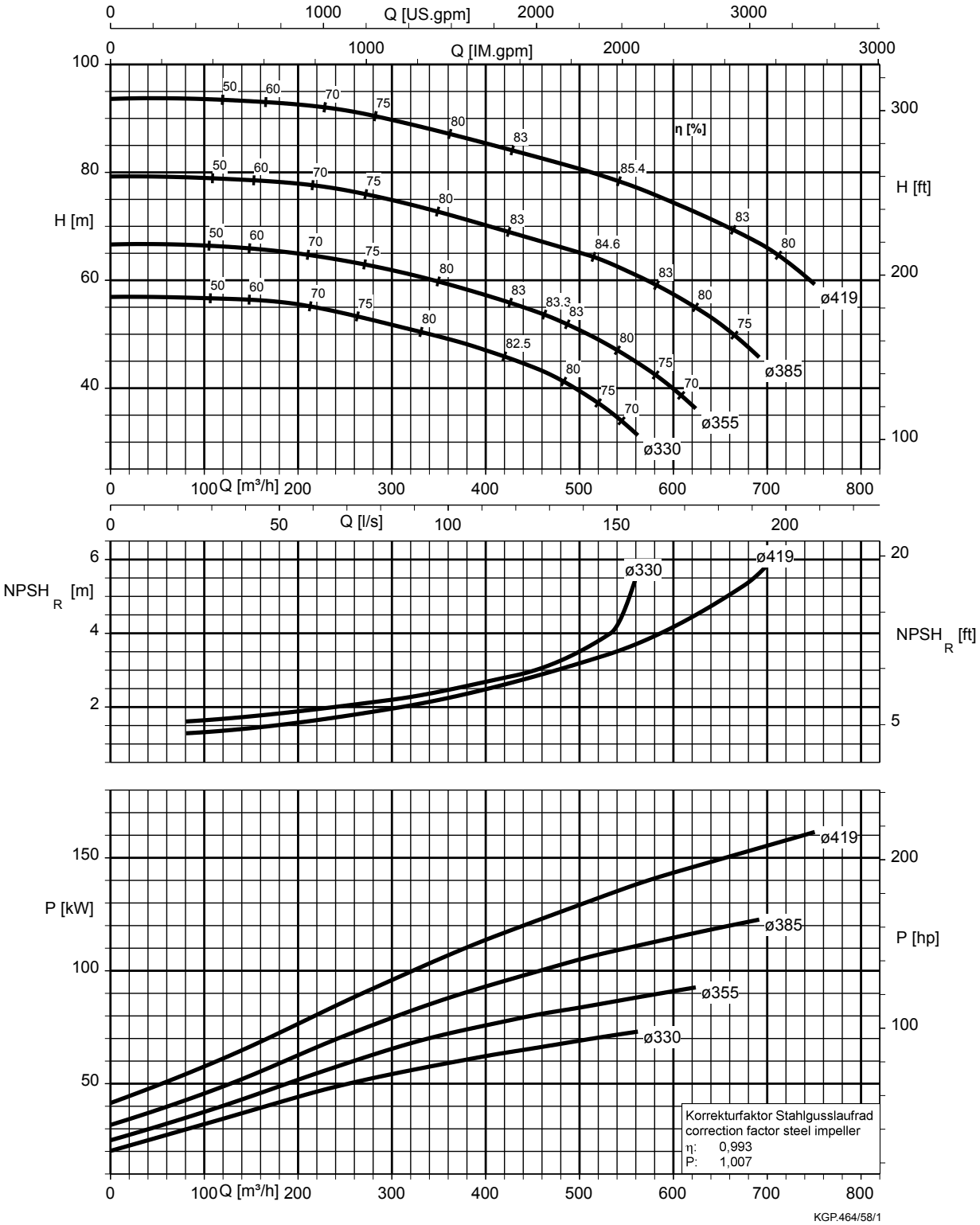
MegaCPK 200-150-315, n = 1750 r.p.m.

Meganorm



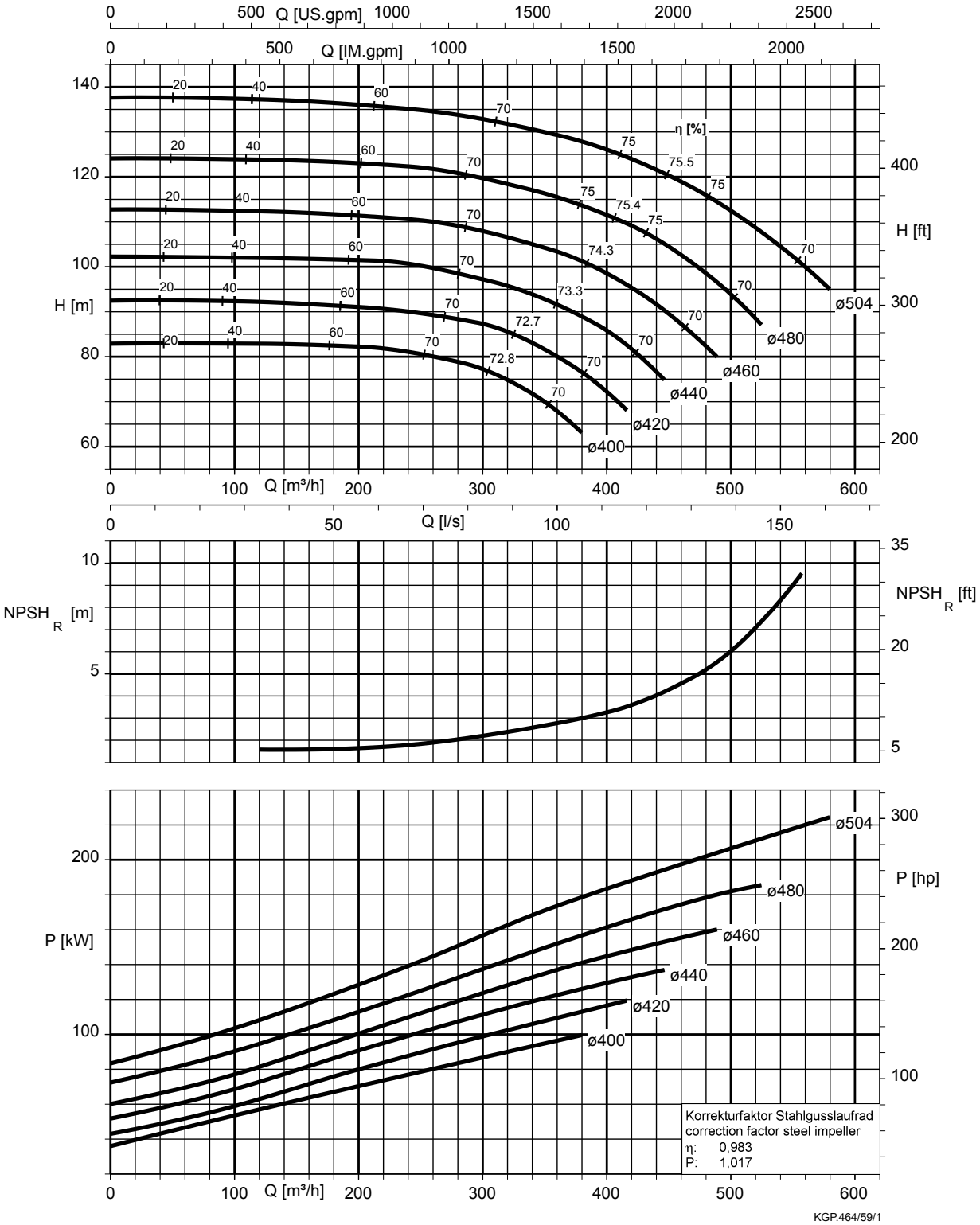
MegaCPK 200-150-400, n = 1750 r.p.m.

Meganorm



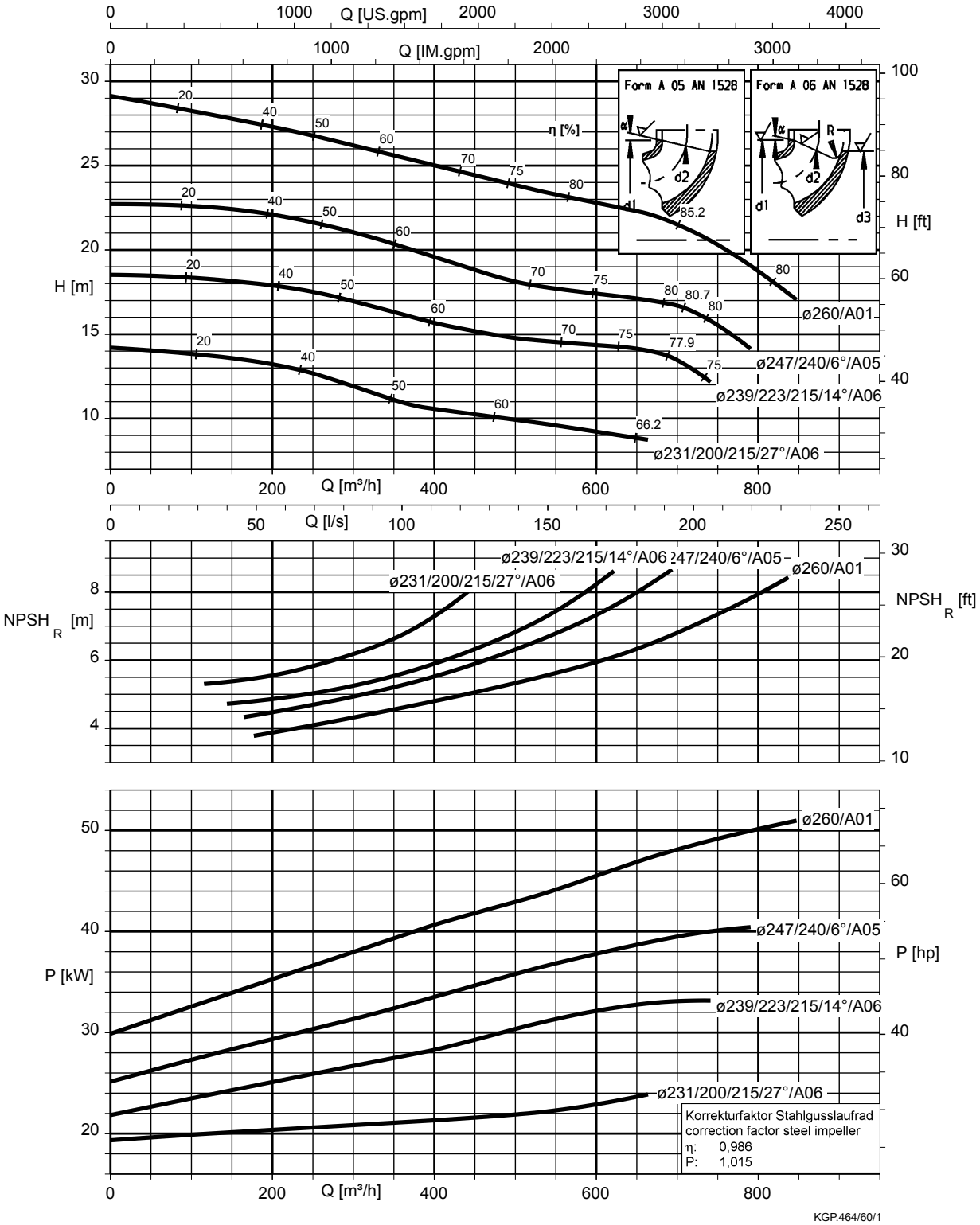
MegaCPK 200-150-500, n = 1750 r.p.m.

Meganorm



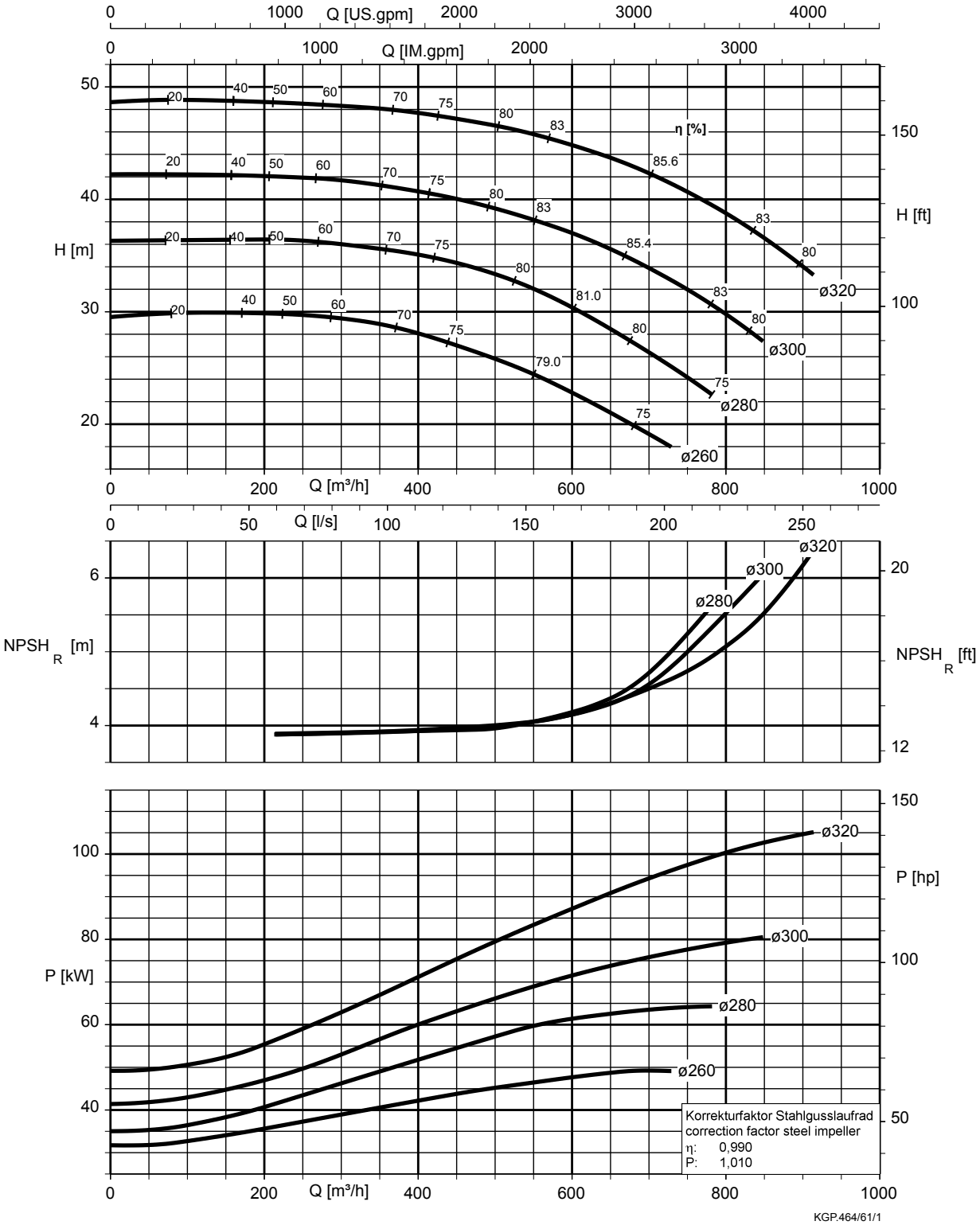
MegaCPK 200-200-250, n = 1750 r.p.m.

Meganorm



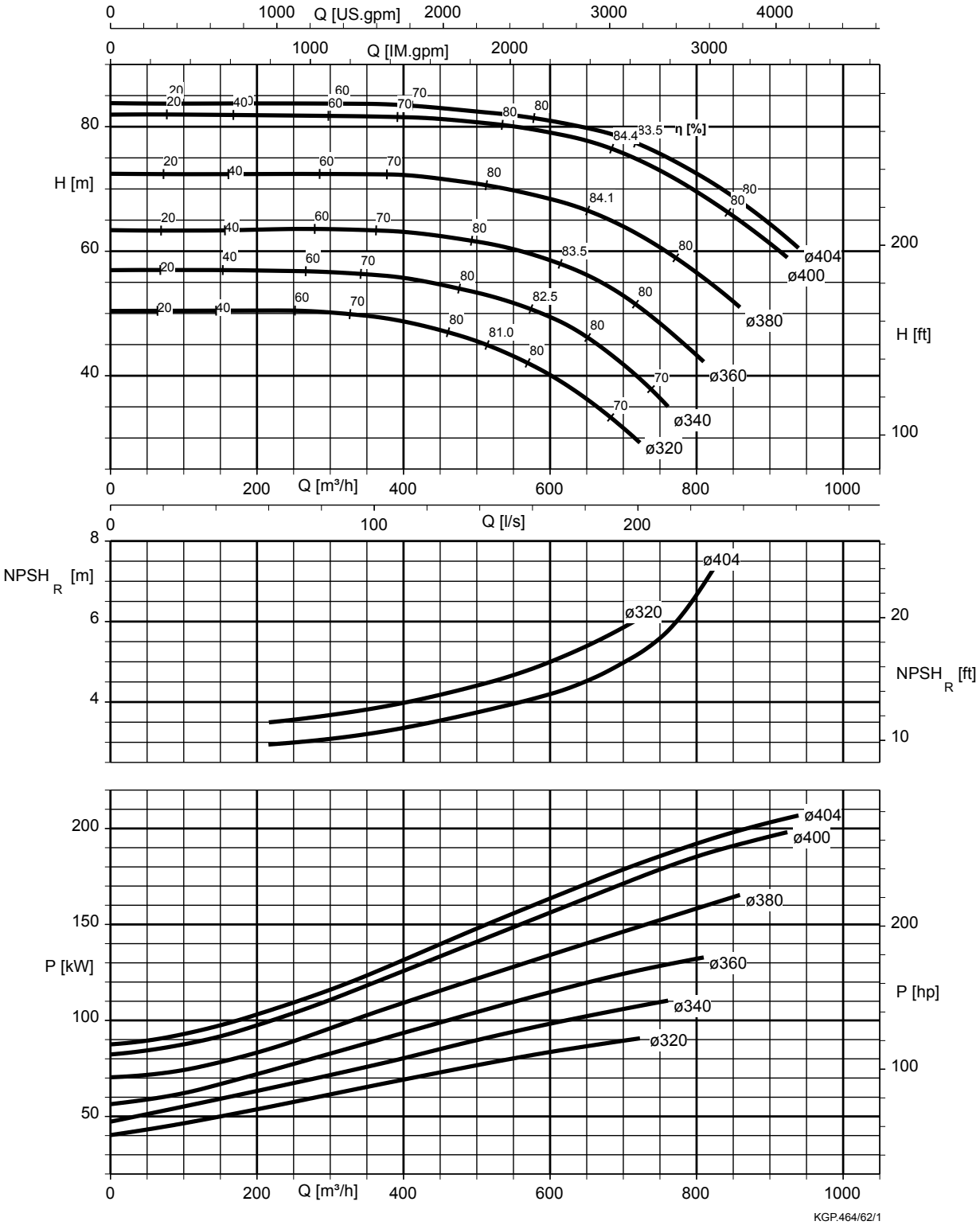
MegaCPK 250-200-315, n = 1750 r.p.m.

Meganorm



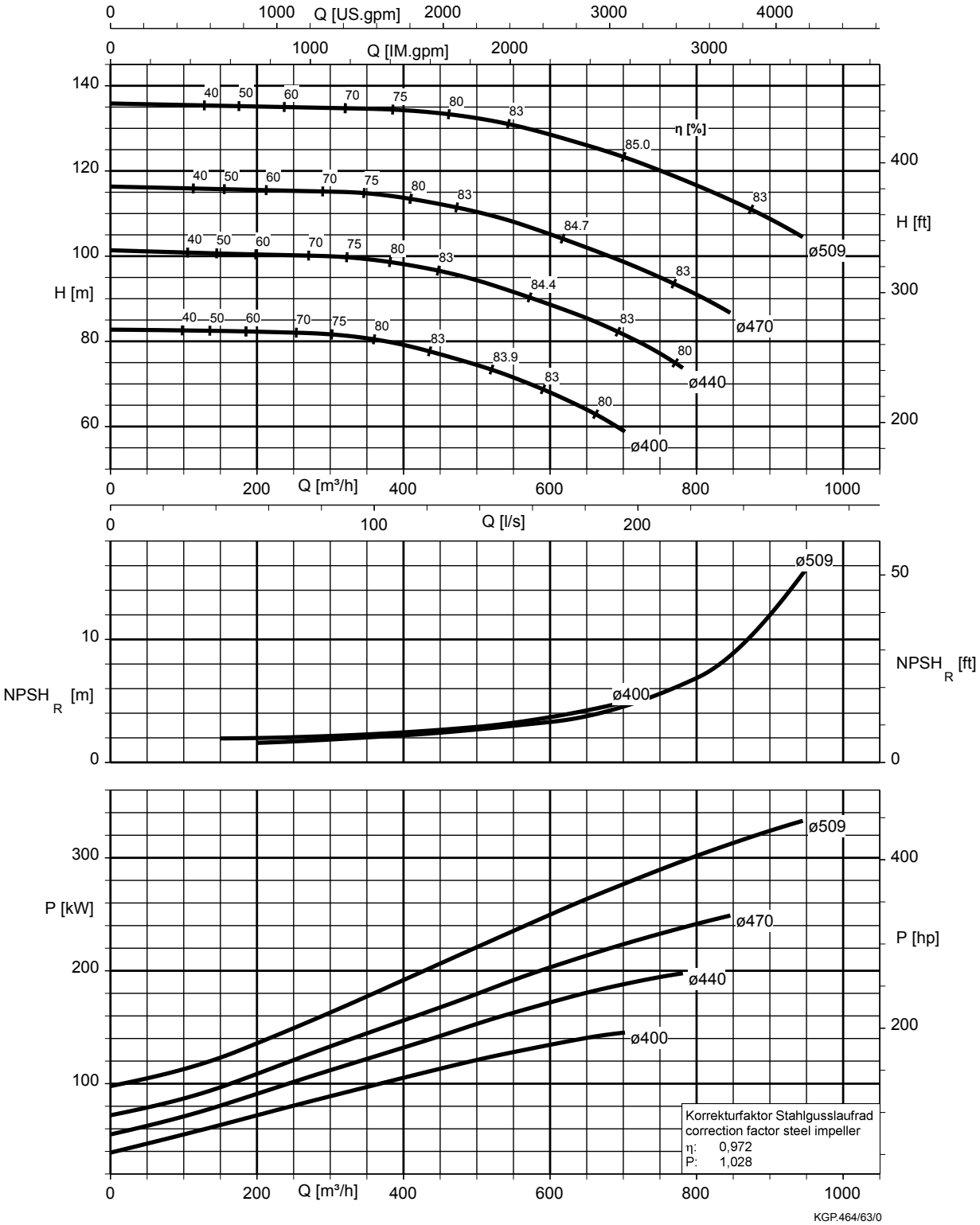
MegaCPK 250-200-400, n = 1750 r.p.m.

Meganorm



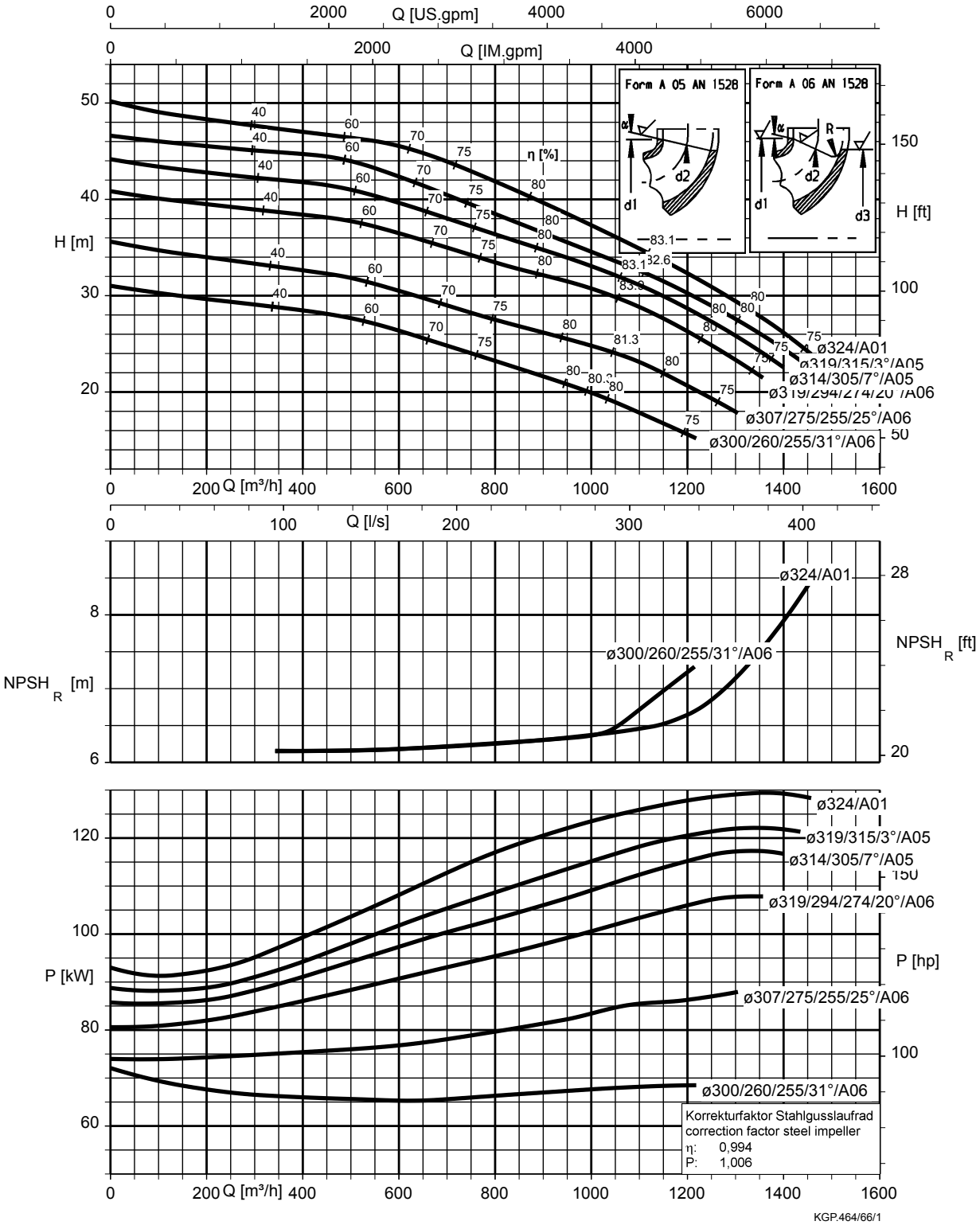
MegaCPK 250-200-500, n = 1750 rpm

Meganorm



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

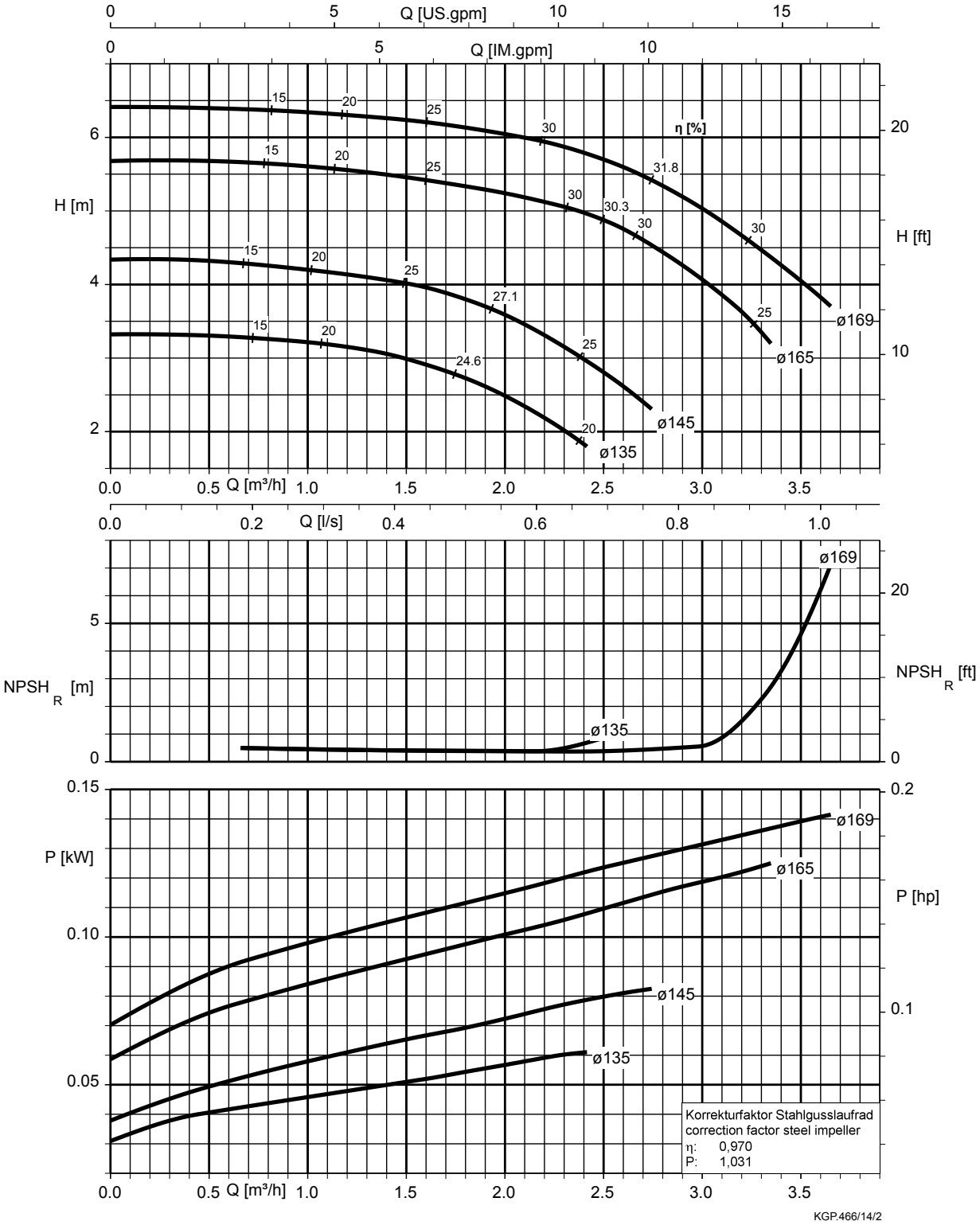
Meganorm



n = 1160 r.p.m.

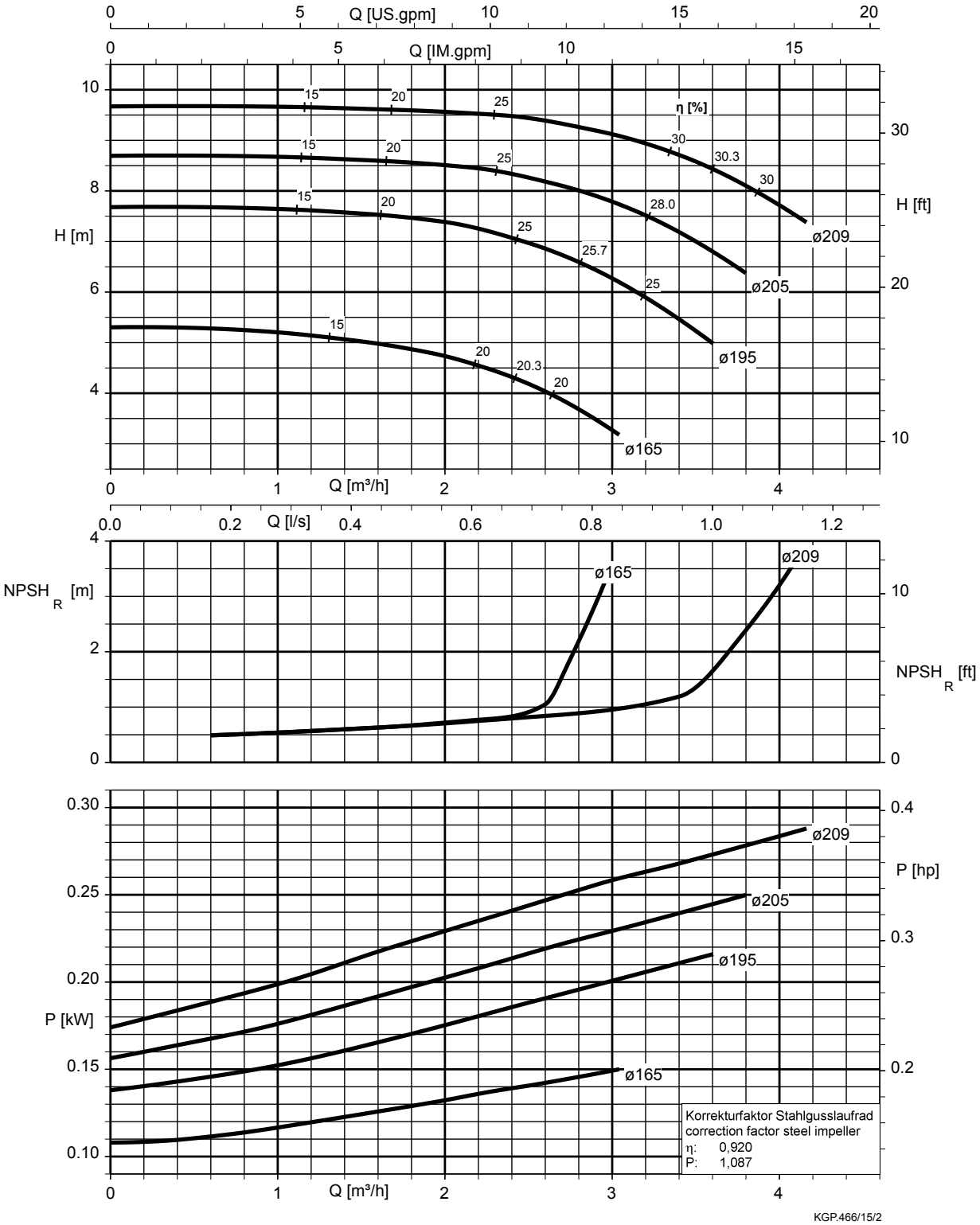
MegaCPK 040-025-160, n = 1.160 rpm

Meganorm, Megabloc



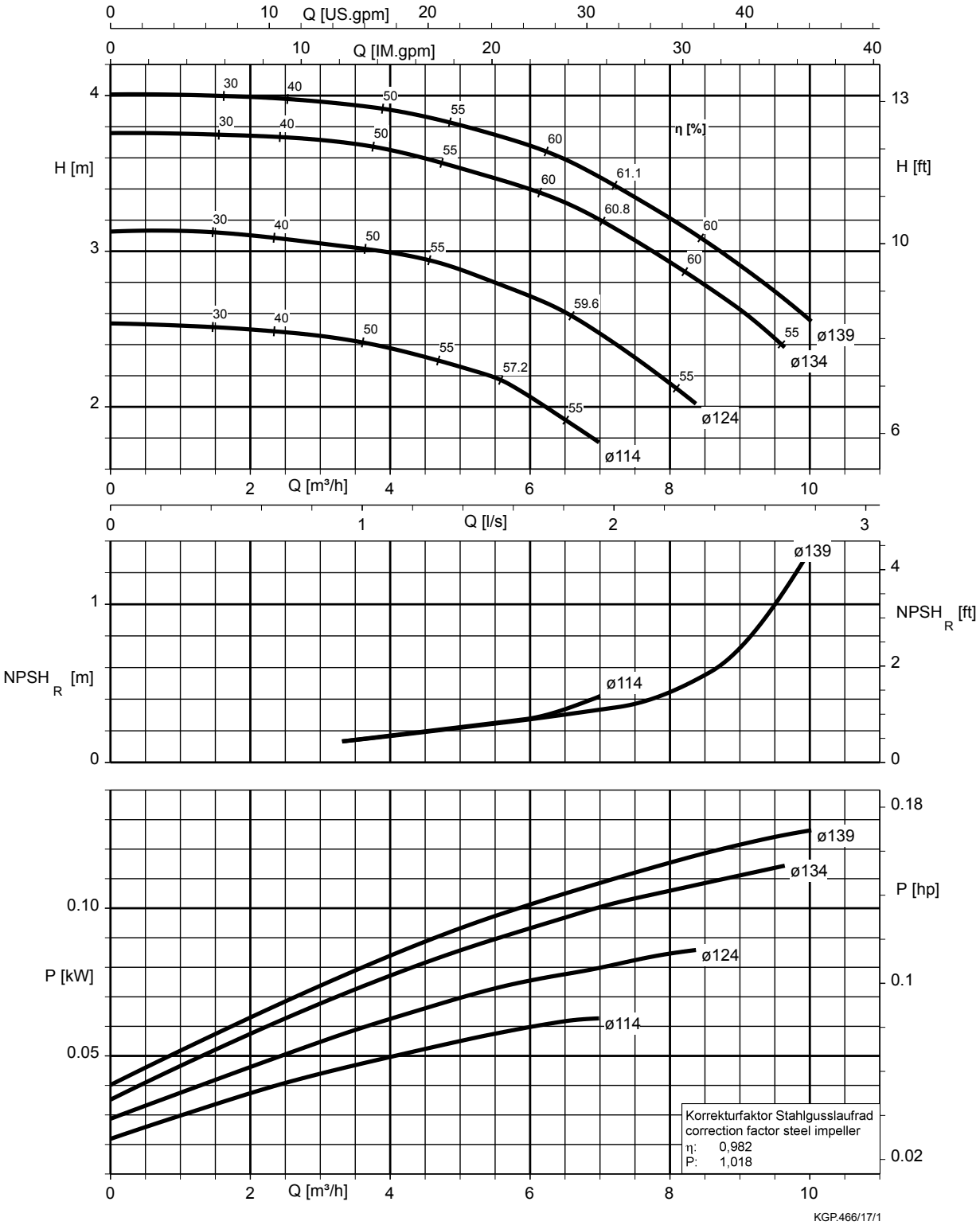
MegaCPK 040-025-200, n = 1.160 rpm

Meganorm, Megabloc



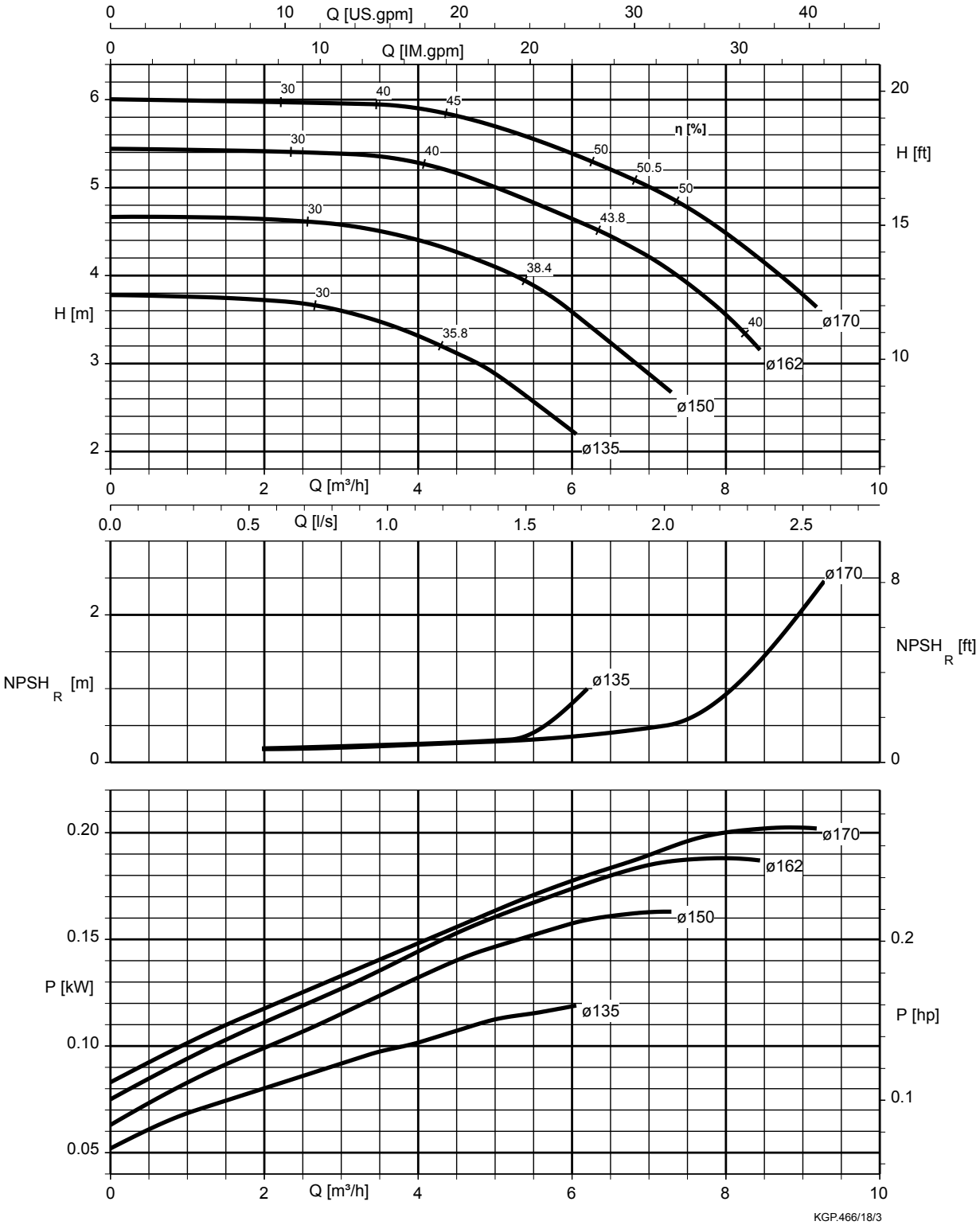
MegaCPK 050-032-125.1, n = 1.160 rpm

Meganorm, Megabloc



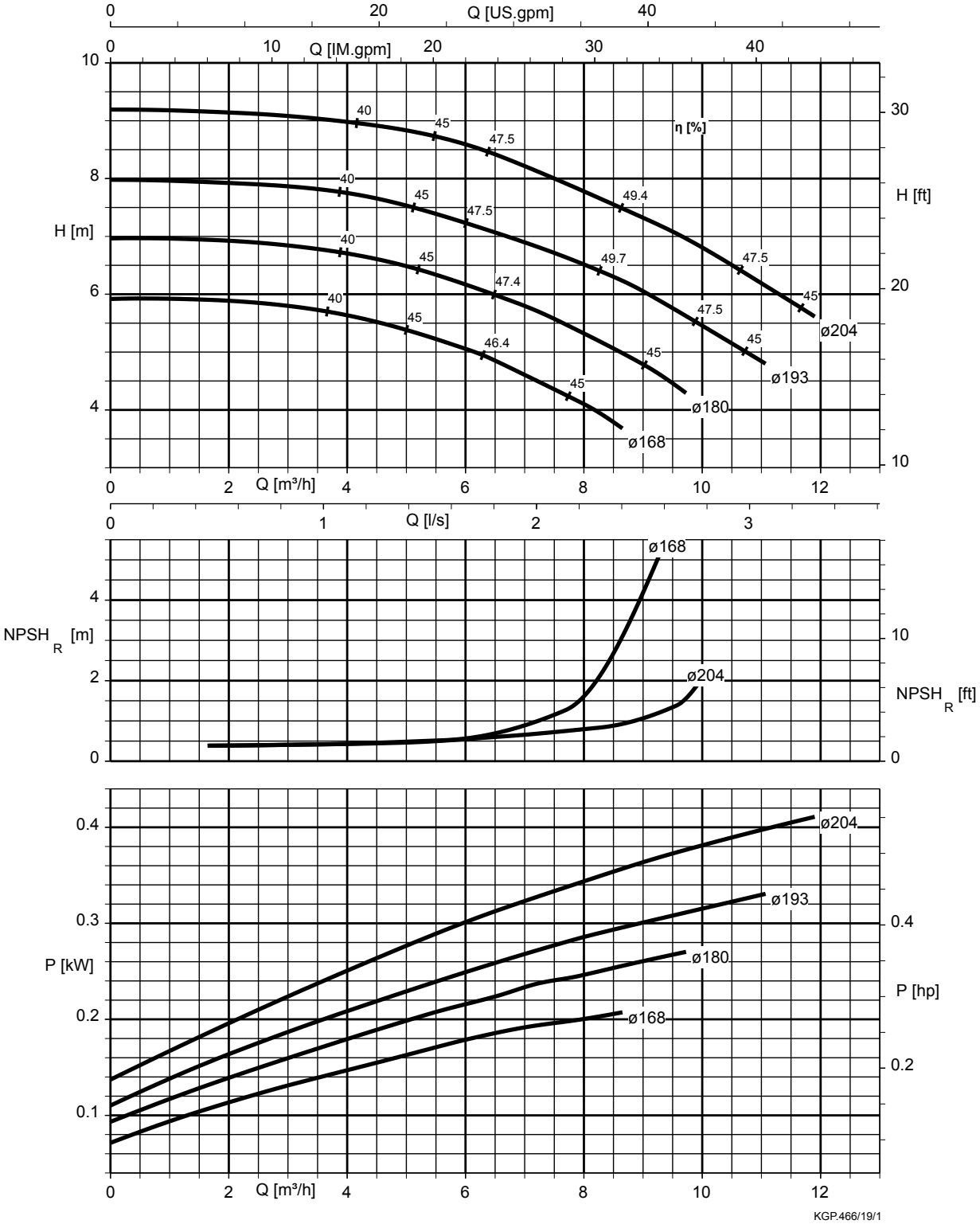
MegaCPK 050-032-160.1, n = 1.160 rpm

Meganorm, Megabloc



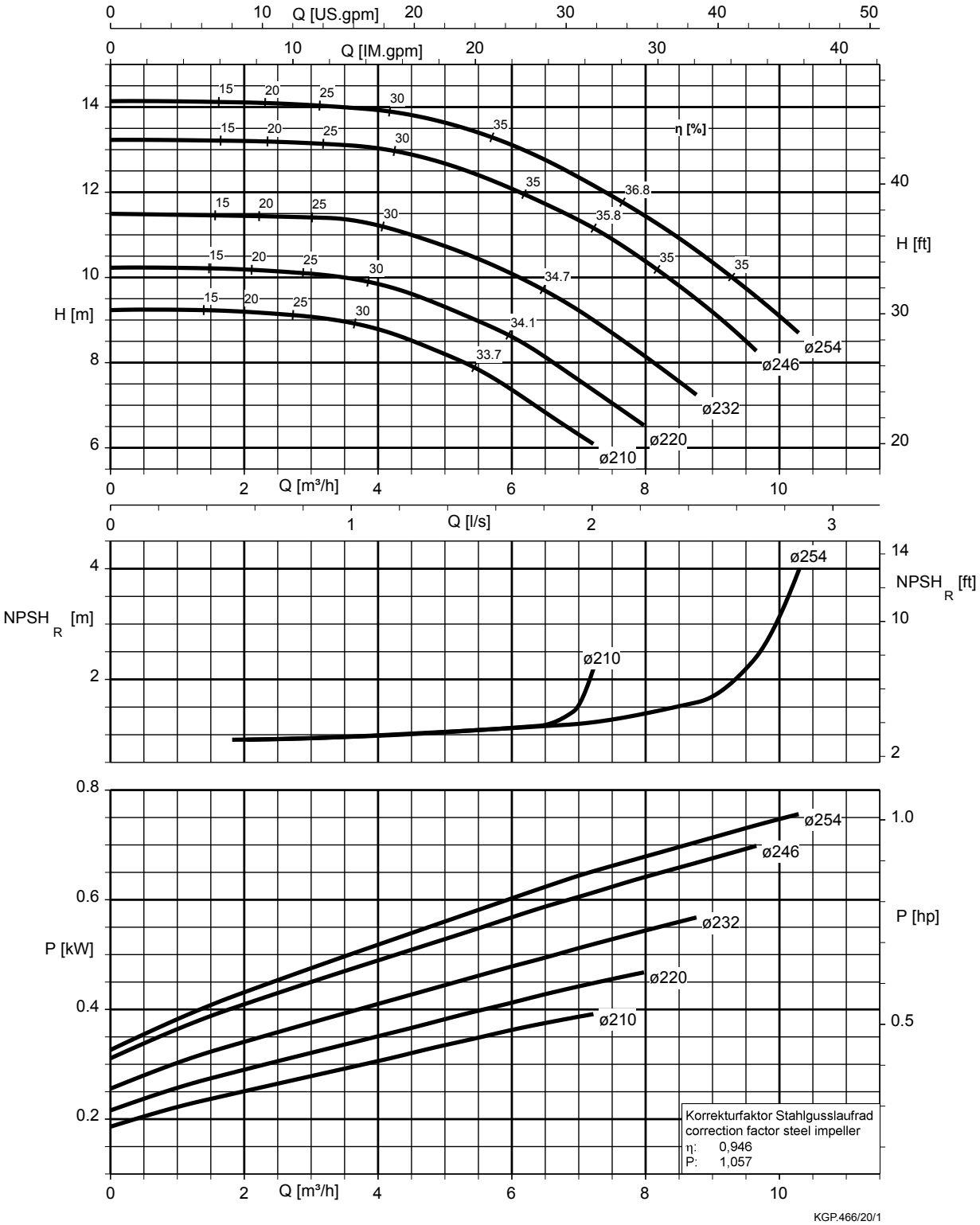
MegaCPK 050-032-200.1, n = 1.160 rpm

Meganorm, Megabloc



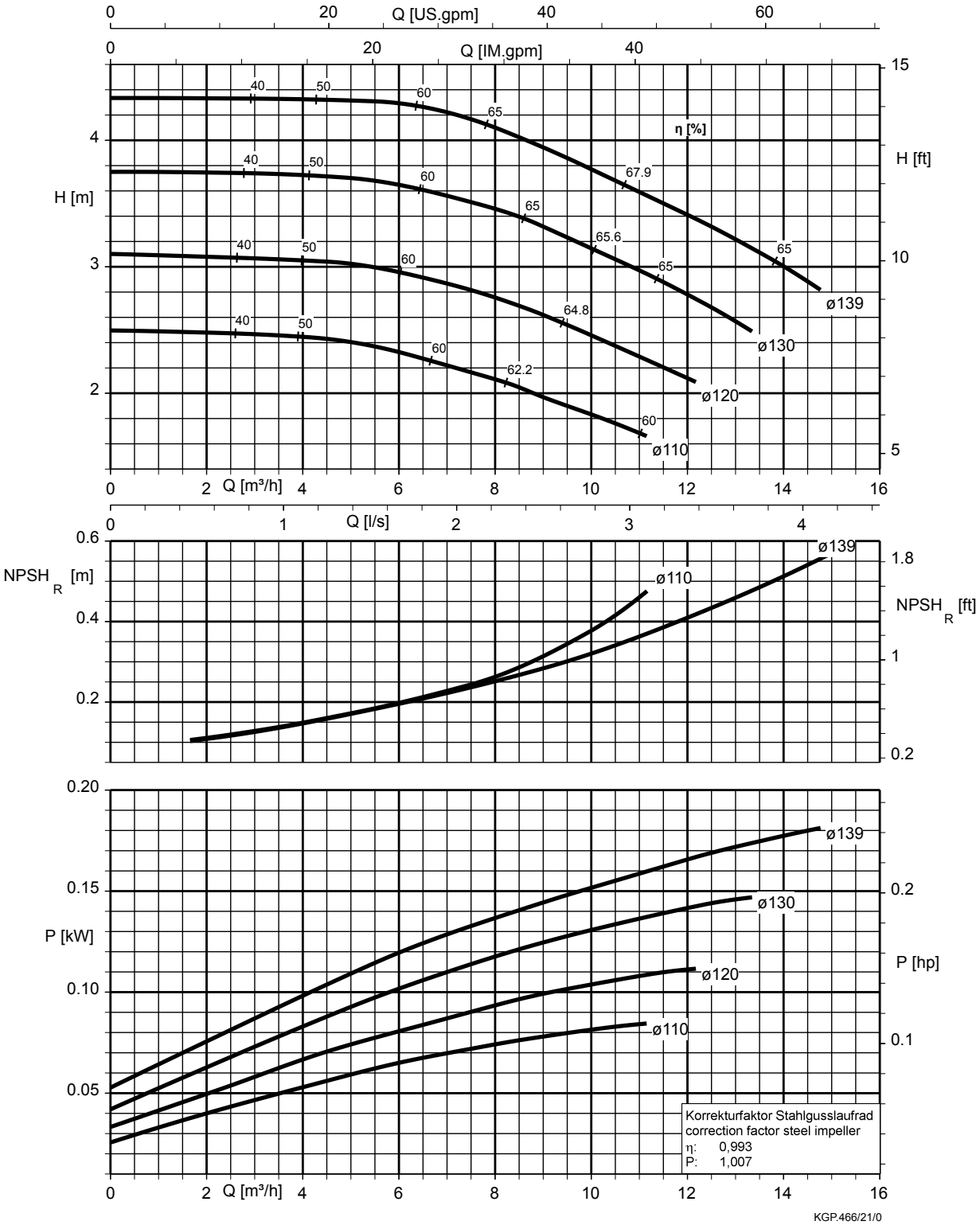
MegaCPK 050-032-250.1, n = 1.160 rpm

Meganorm, Megabloc



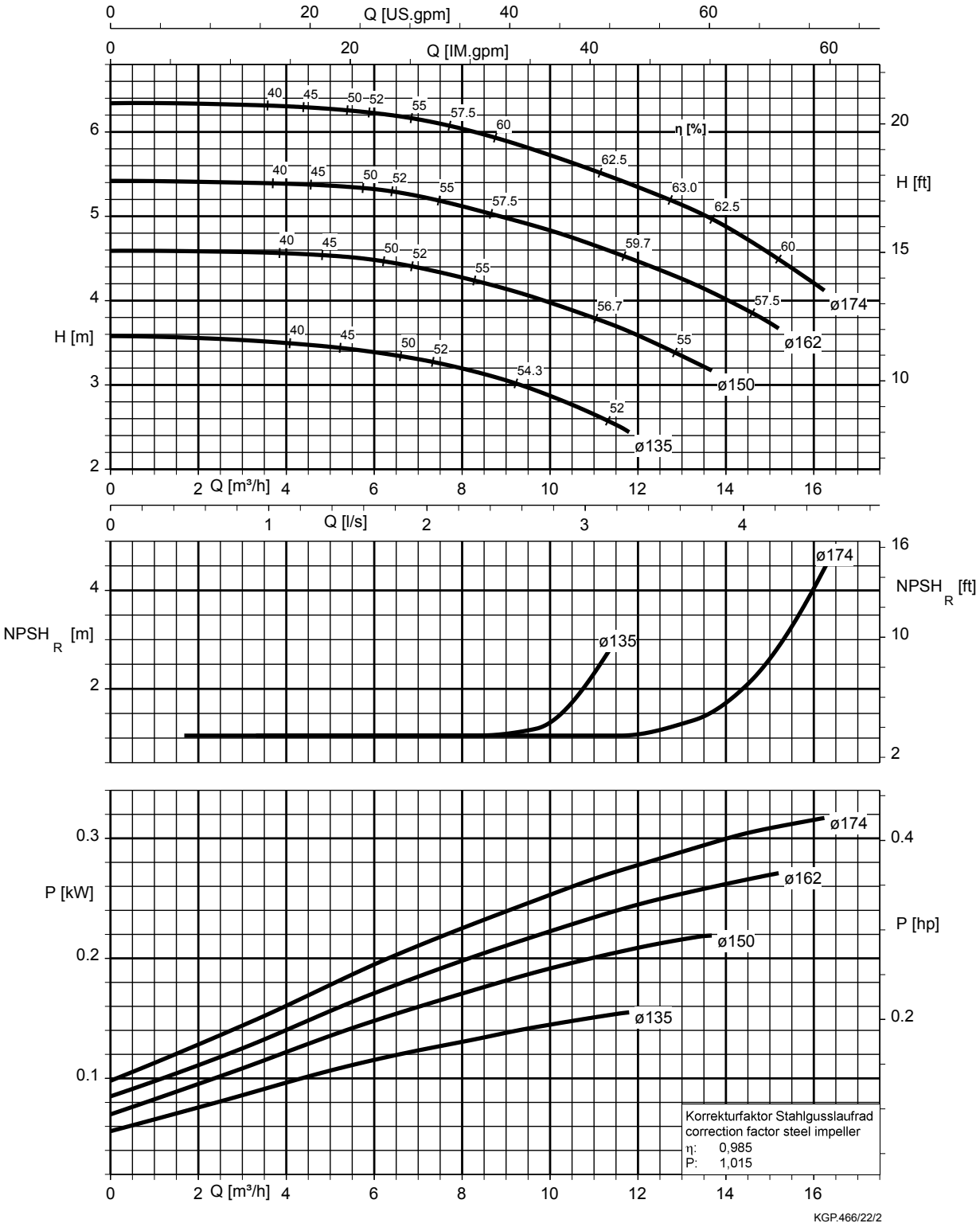
MegaCPK 050-032-125, n = 1.160 rpm

Meganorm, Megabloc



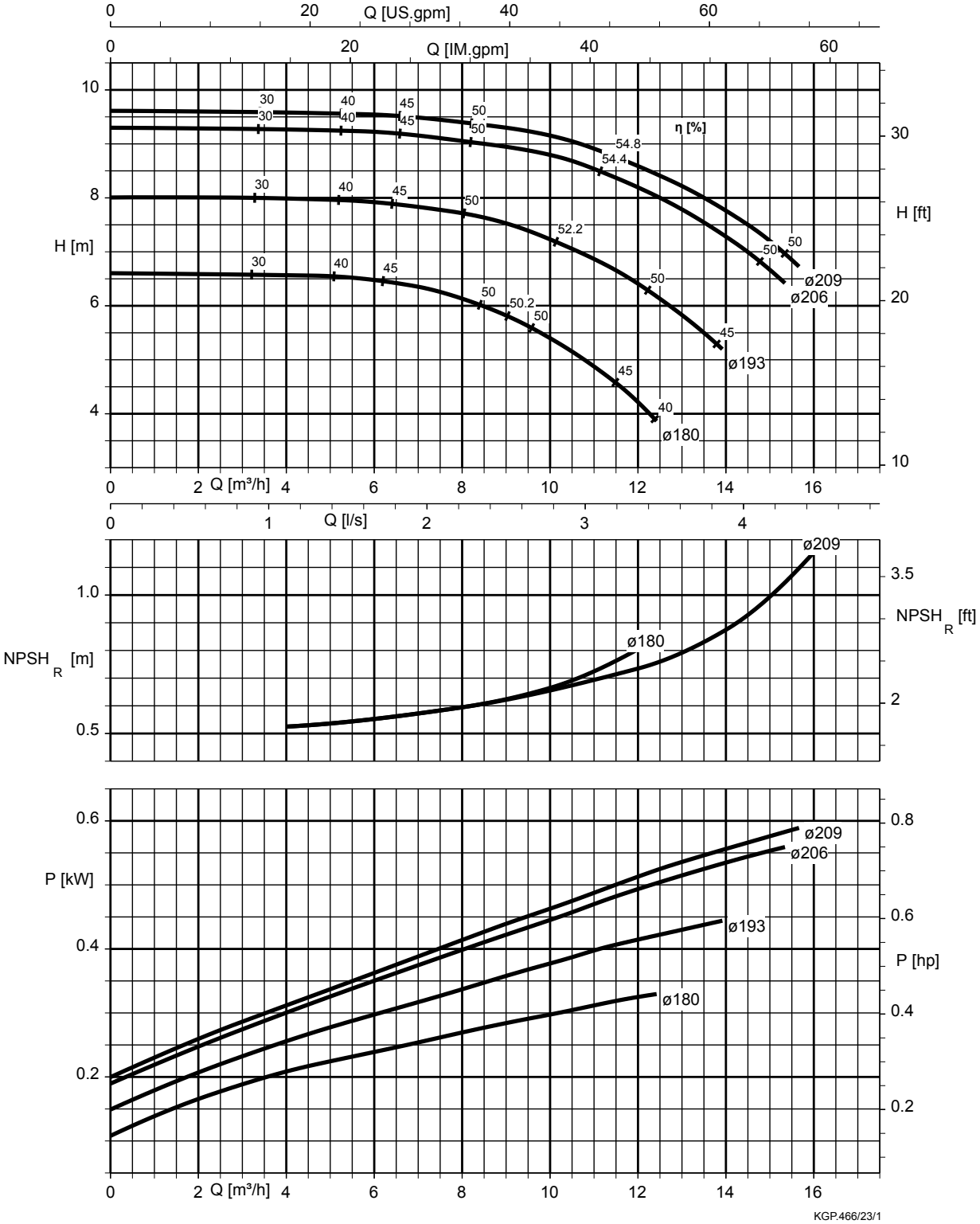
MegaCPK 050-032-160, n = 1.160 rpm

Meganorm, Megabloc



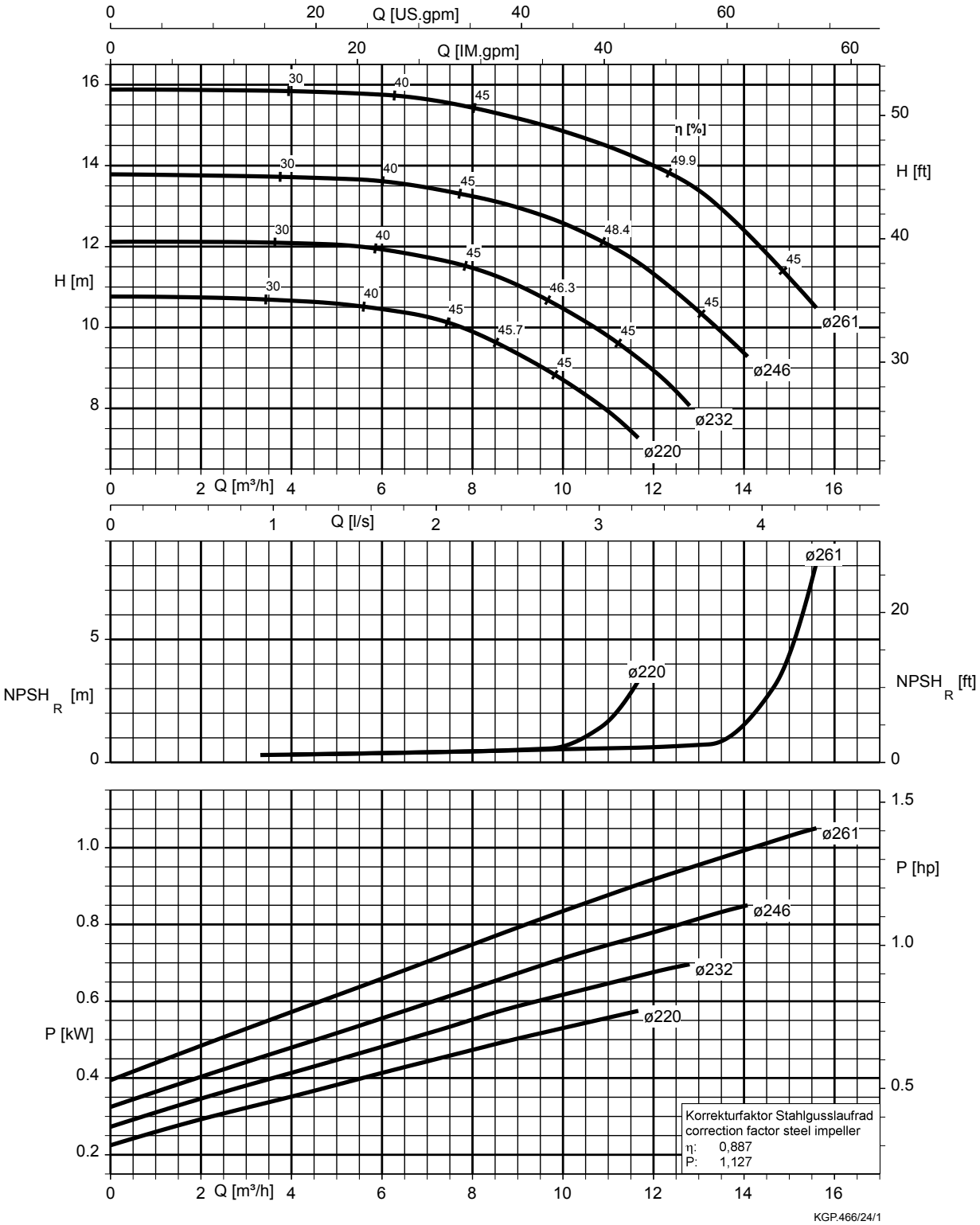
MegaCPK 050-032-200, n = 1.160 rpm

Meganorm, Megabloc



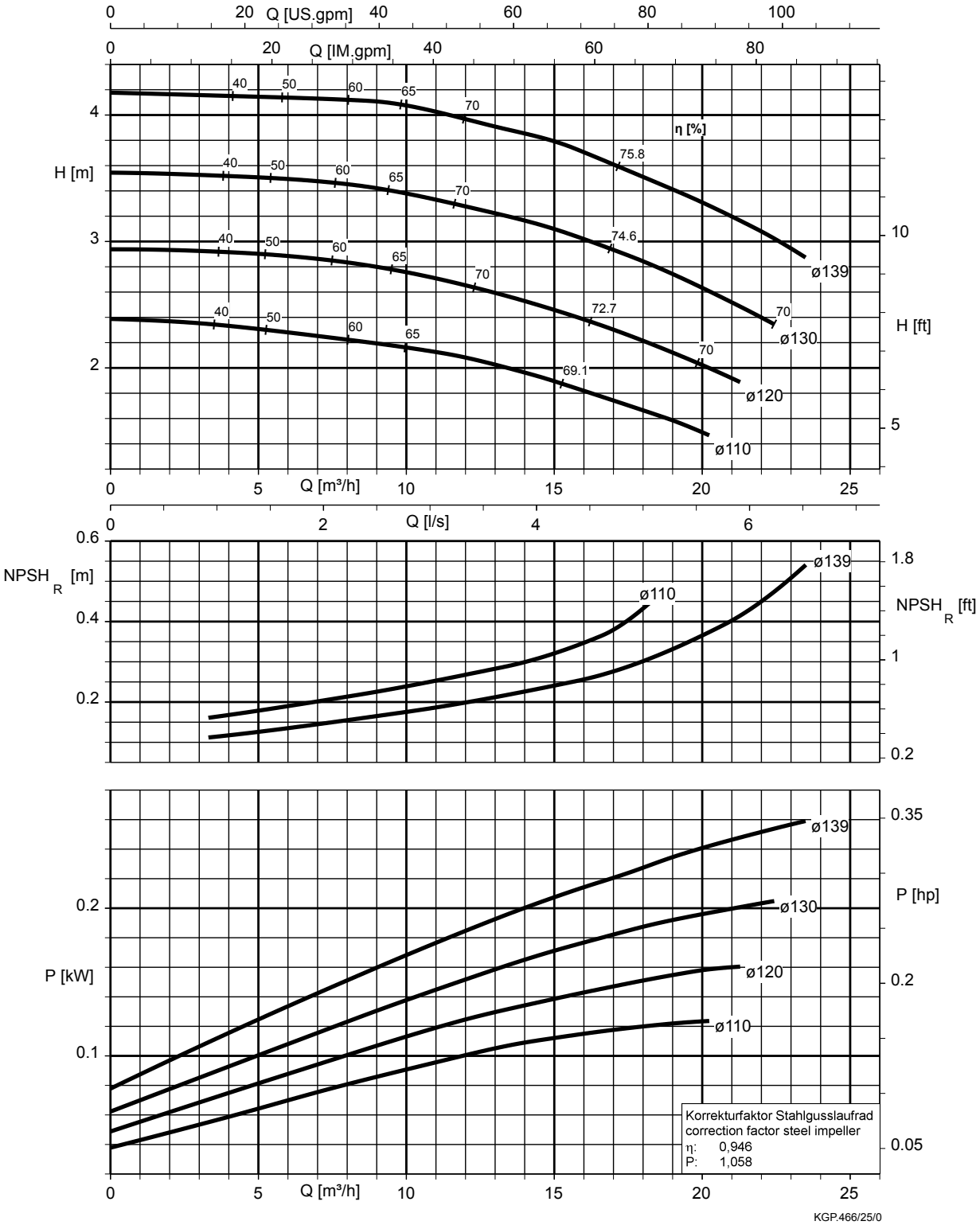
MegaCPK 050-032-250, n = 1.160 rpm

Meganorm, Megabloc



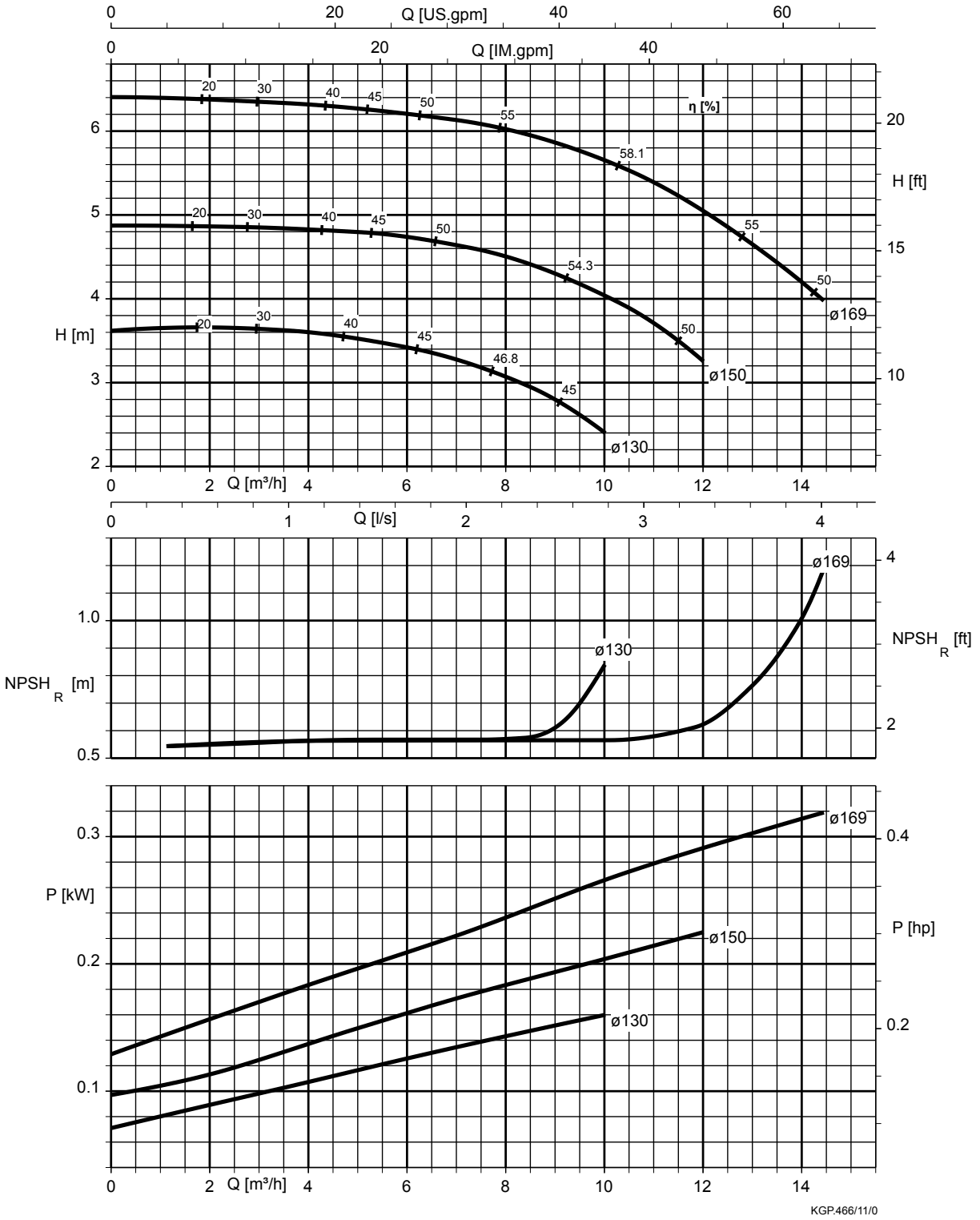
MegaCPK 065-040-125, n = 1.160 rpm

Meganorm, Megabloc



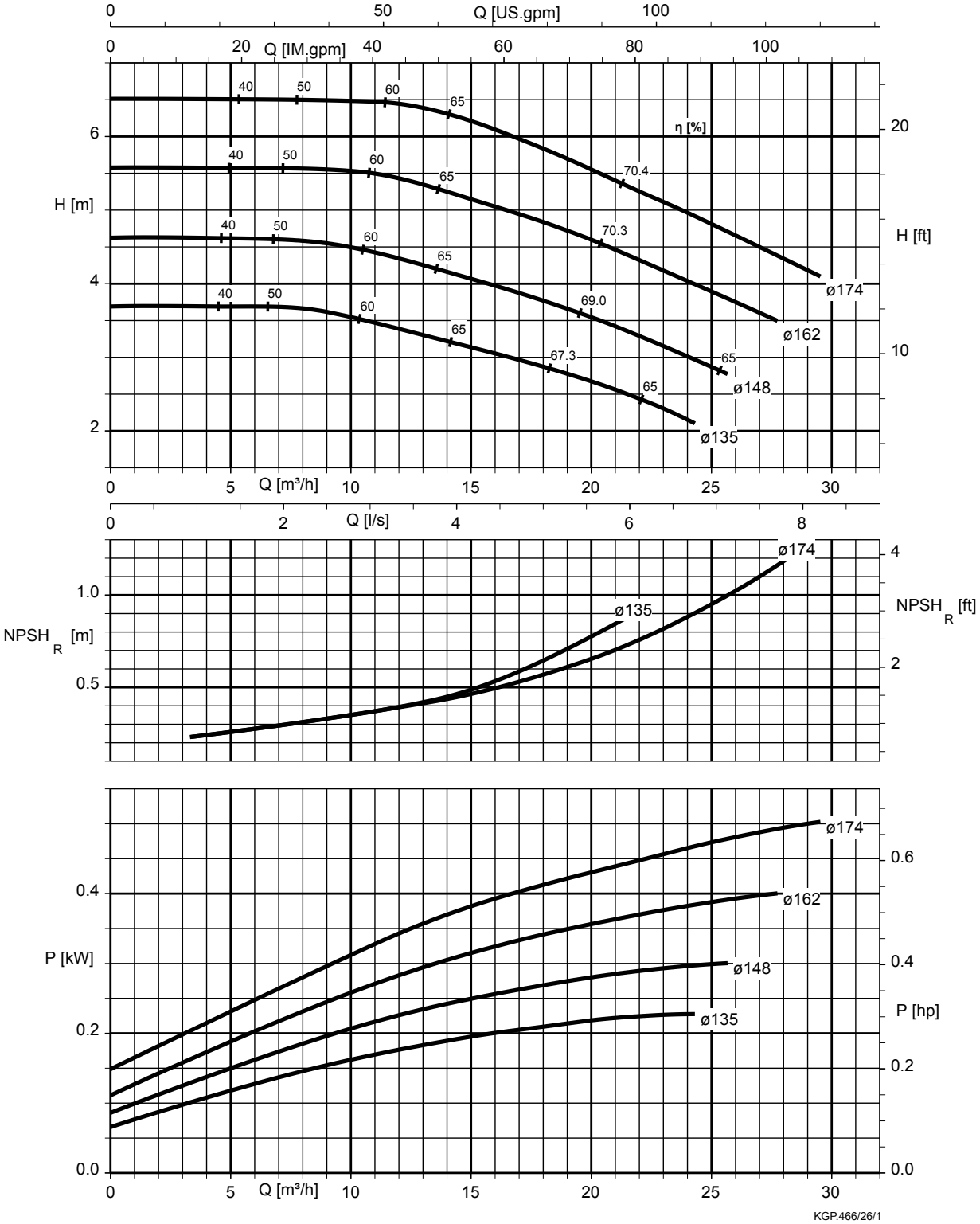
MegaCPK 065-040-160.1, n = 1160 rpm

Meganorm, Megabloc



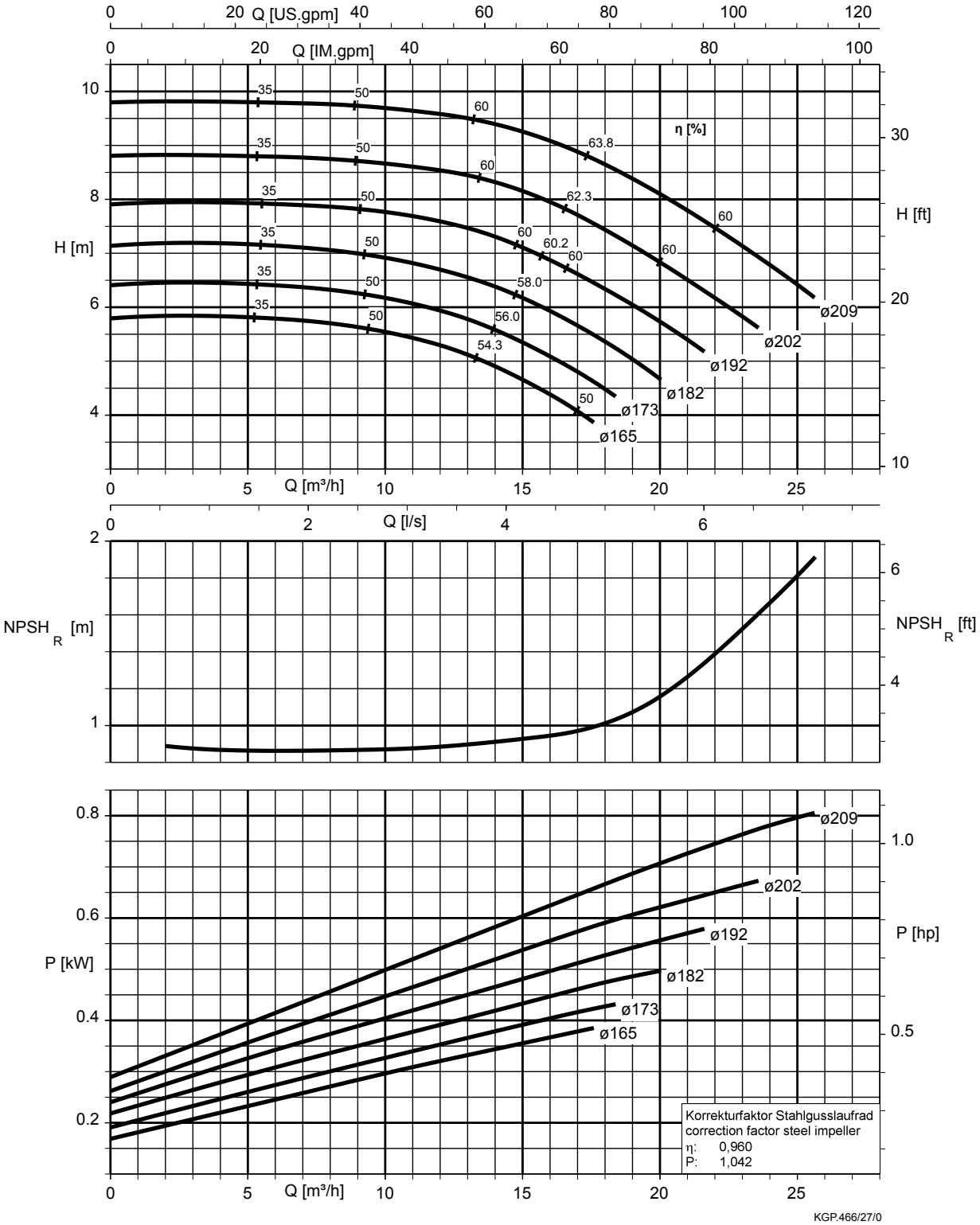
MegaCPK 065-040-160, n = 1.160 rpm

Meganorm, Megabloc



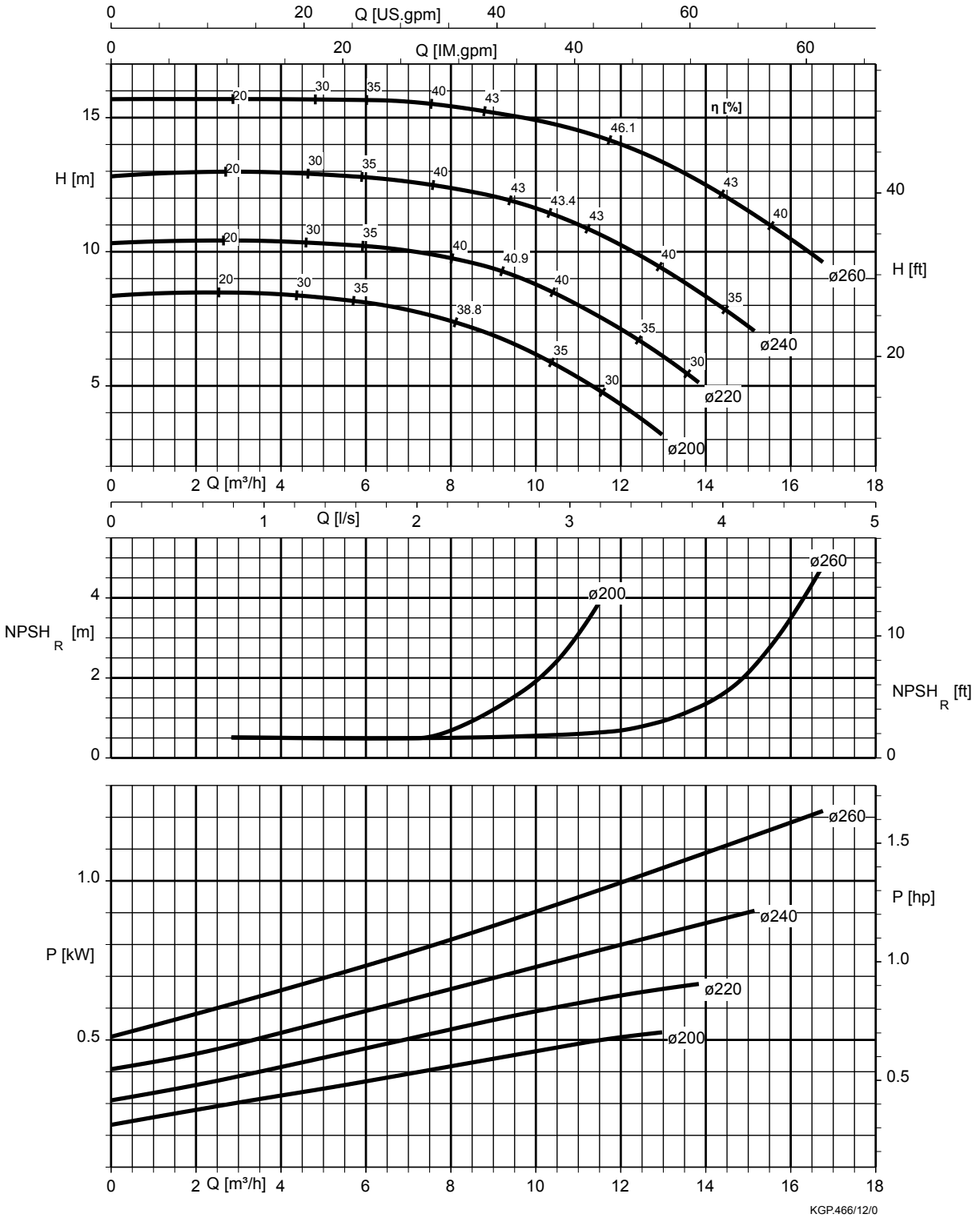
MegaCPK 065-040-200, n = 1.160 rpm

Meganorm, Megabloc



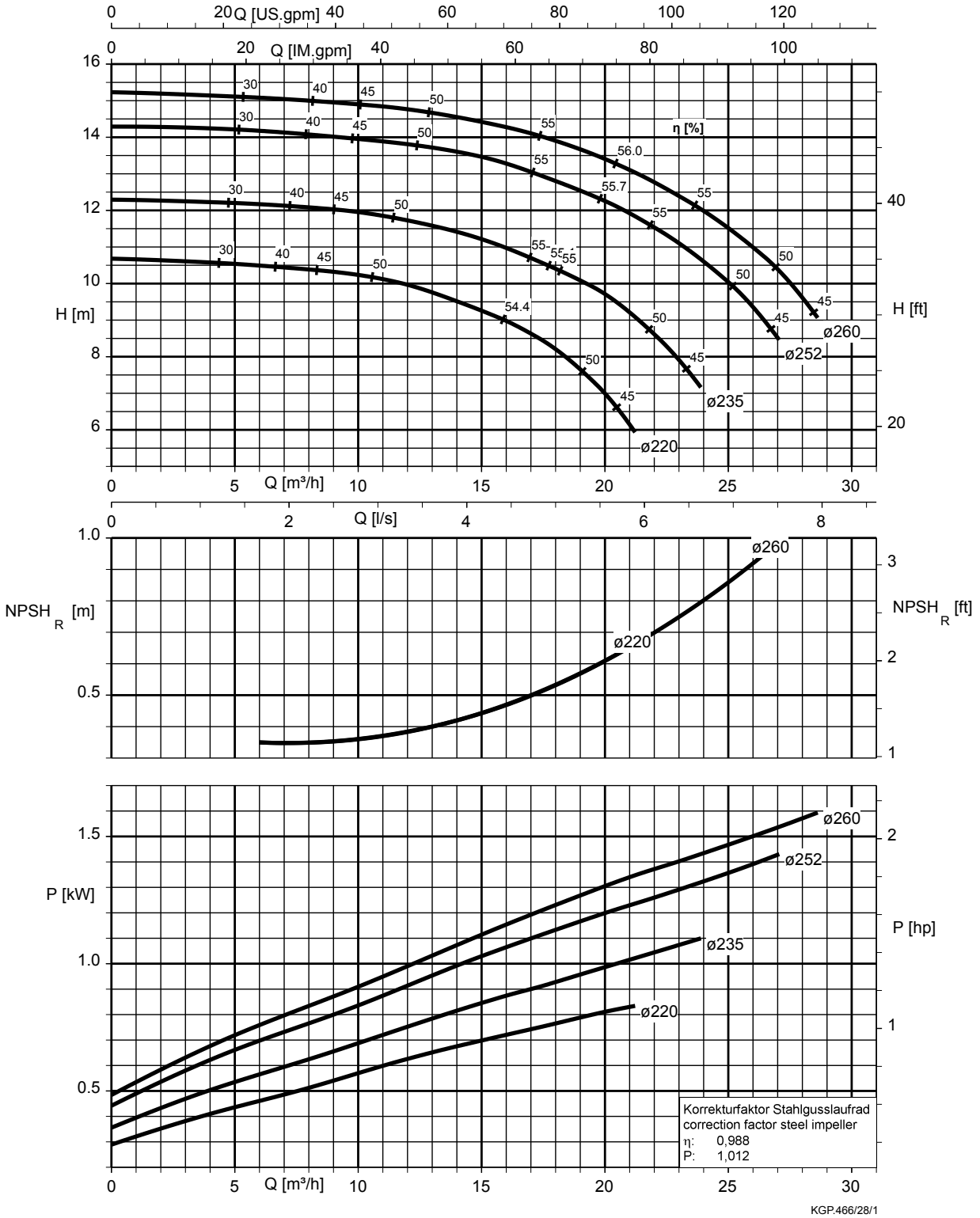
MegaCPK 065-040-250.1, n = 1160 rpm

Meganorm, Megabloc



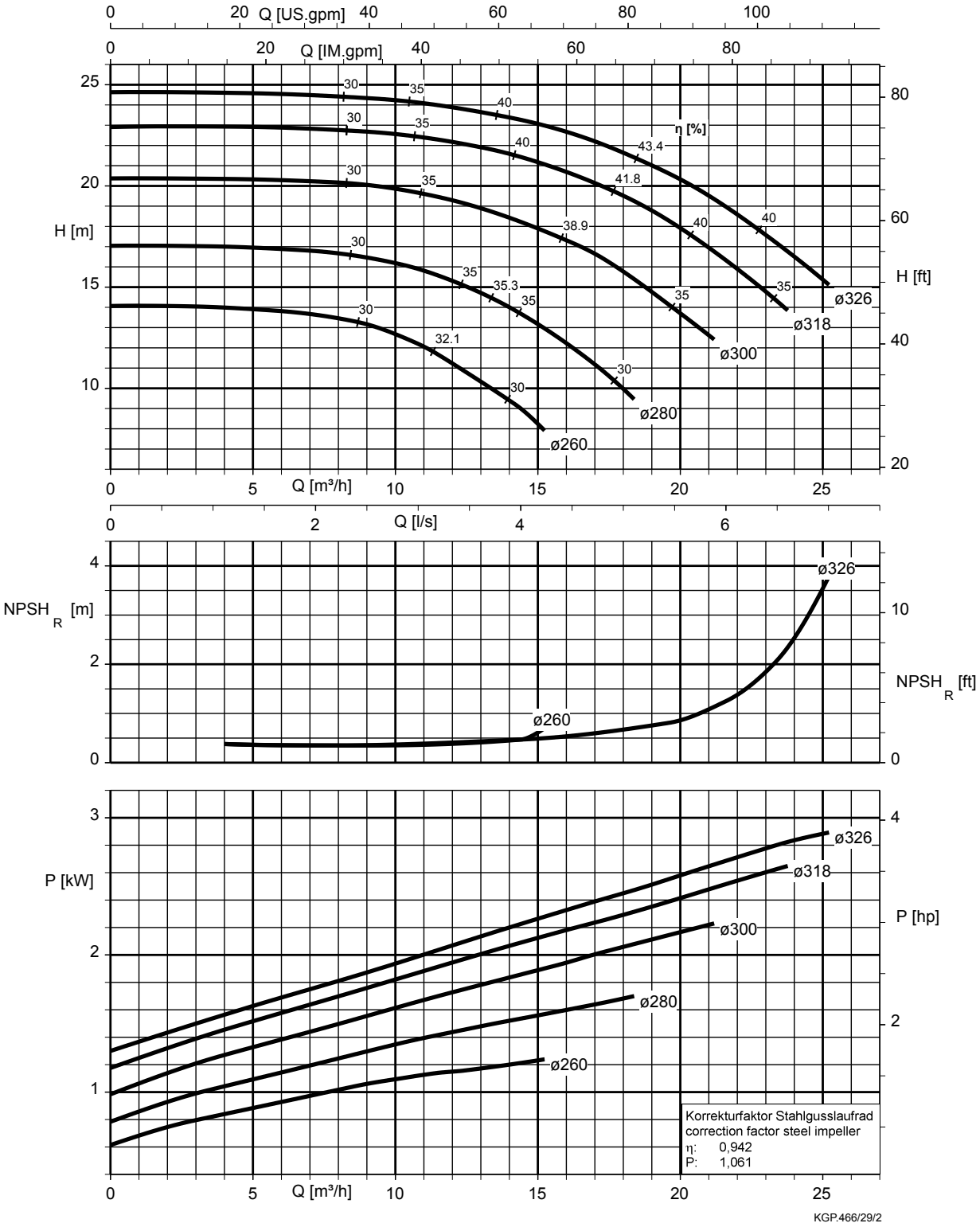
MegaCPK 065-040-250, n = 1.160 rpm

Meganorm, Megabloc



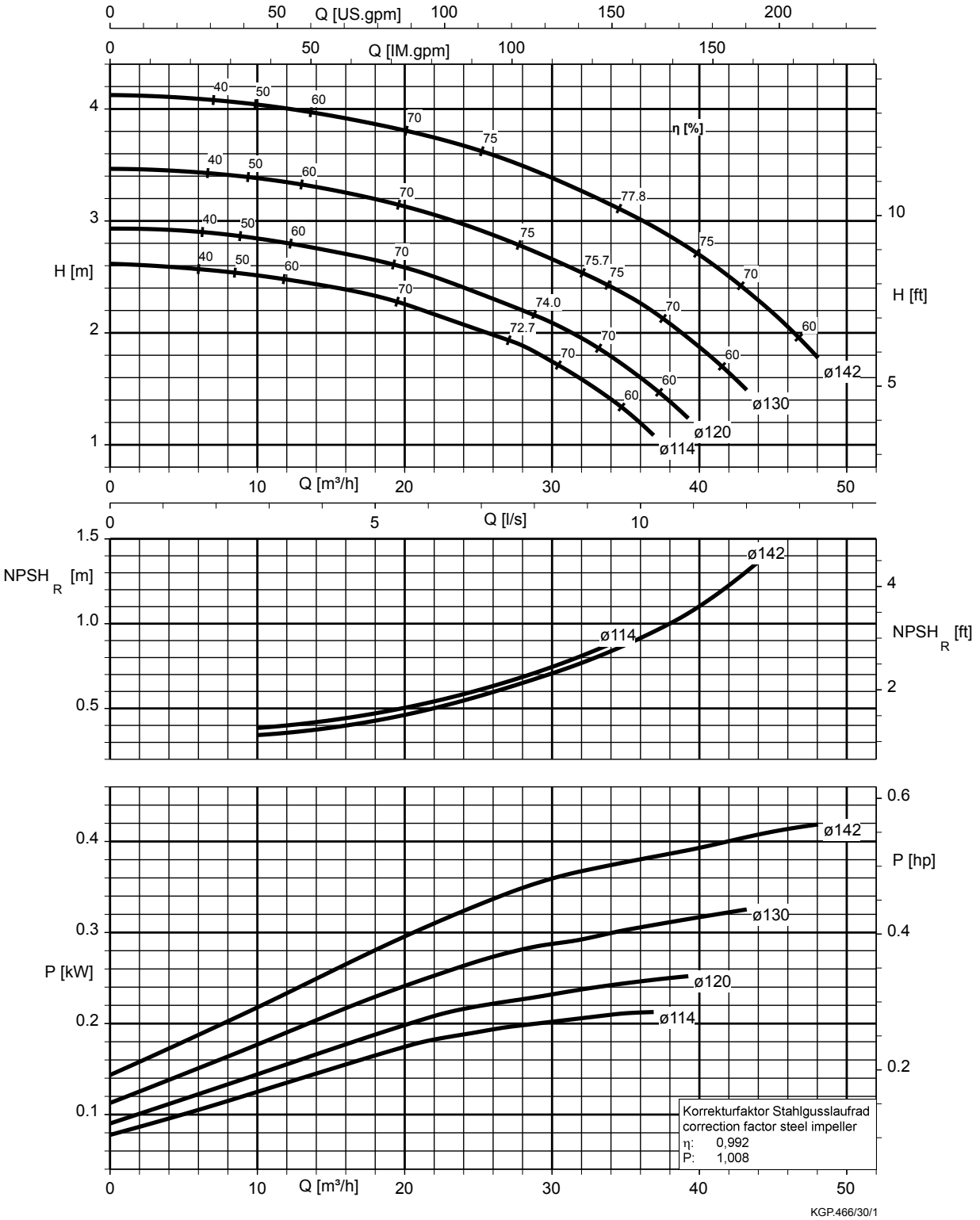
MegaCPK 065-040-315, n = 1.160 rpm

Meganorm, Megabloc



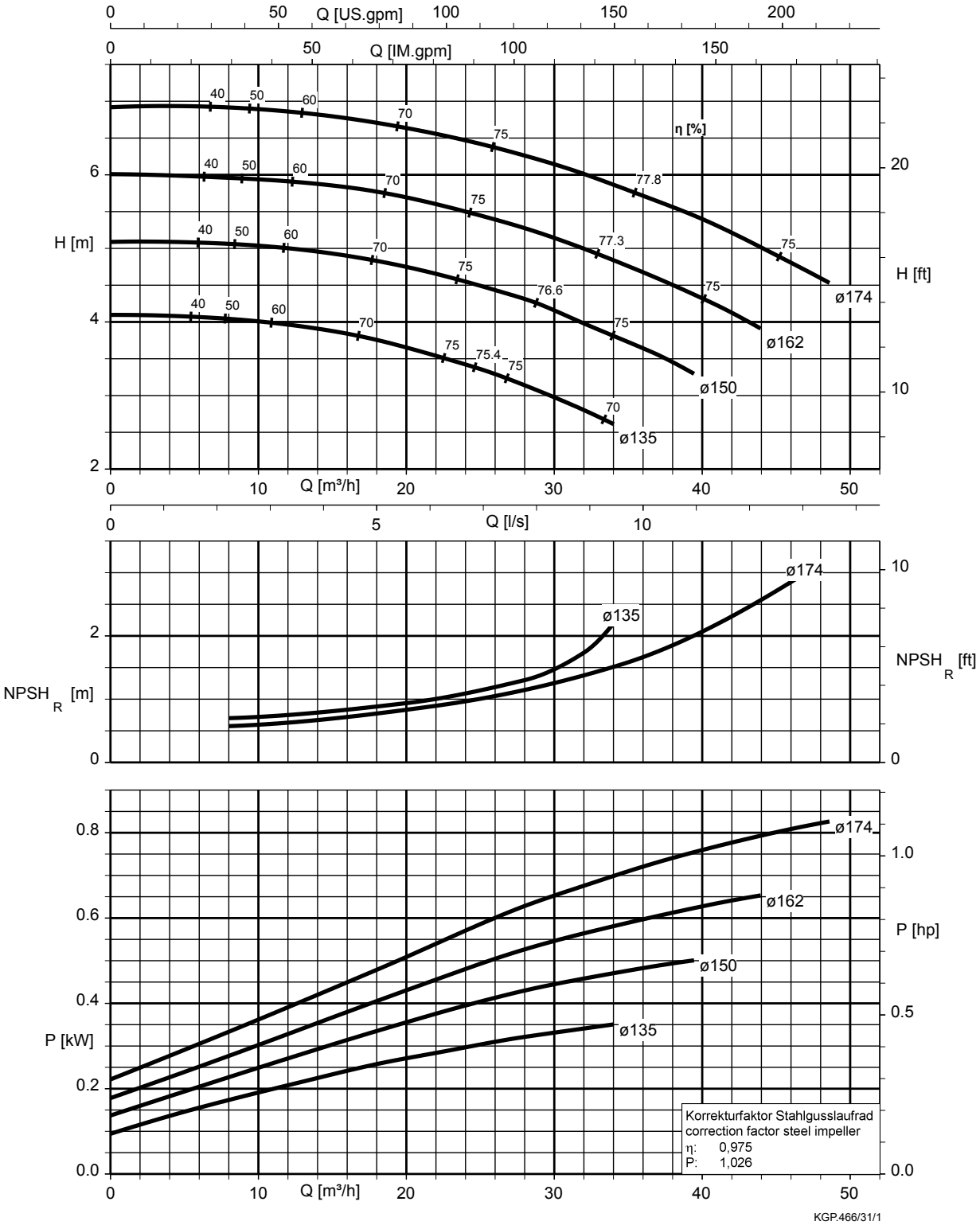
MegaCPK 080-050-125, n = 1.160 rpm

Meganorm, Megabloc



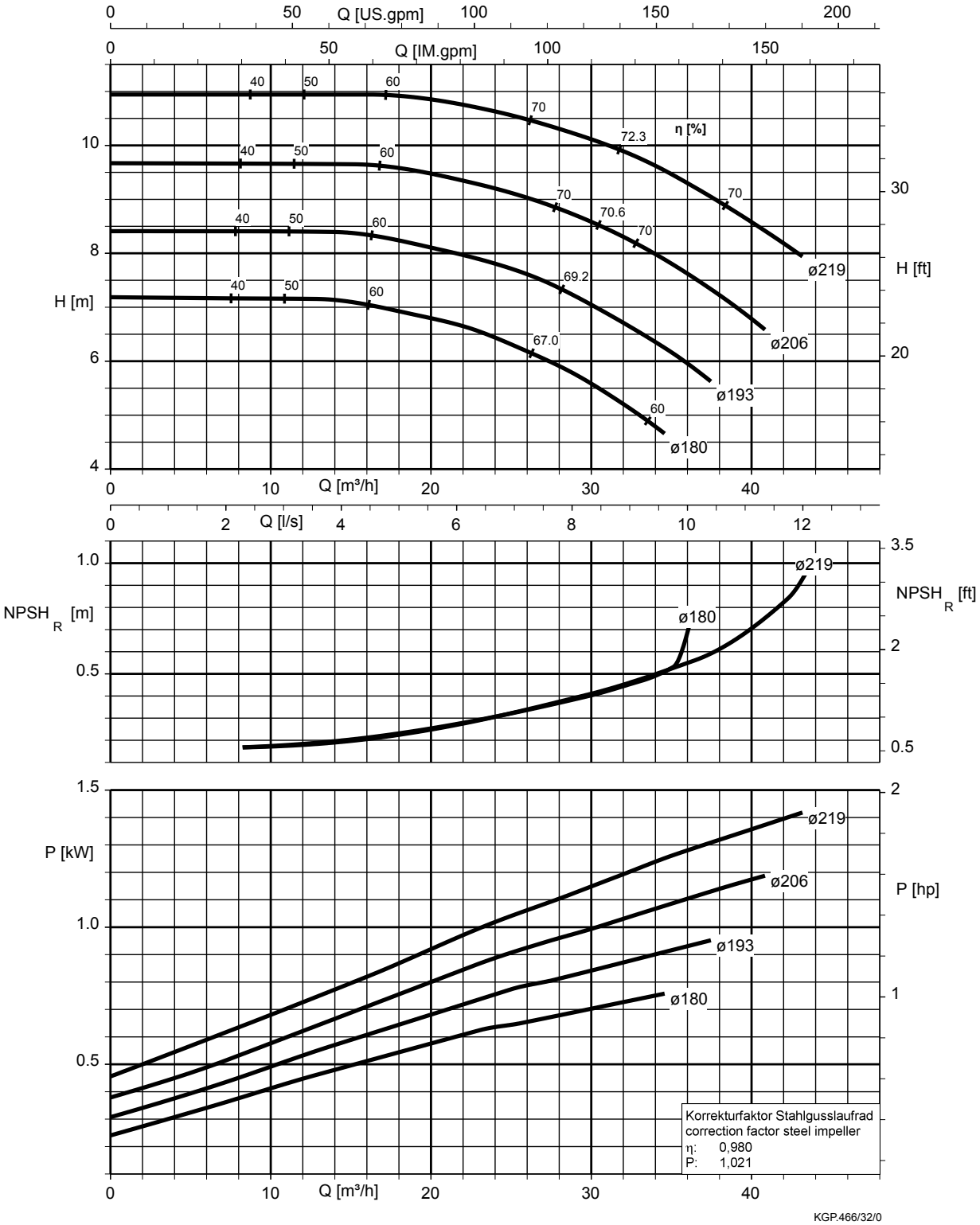
MegaCPK 080-050-160, n = 1.160 rpm

Meganorm, Megabloc



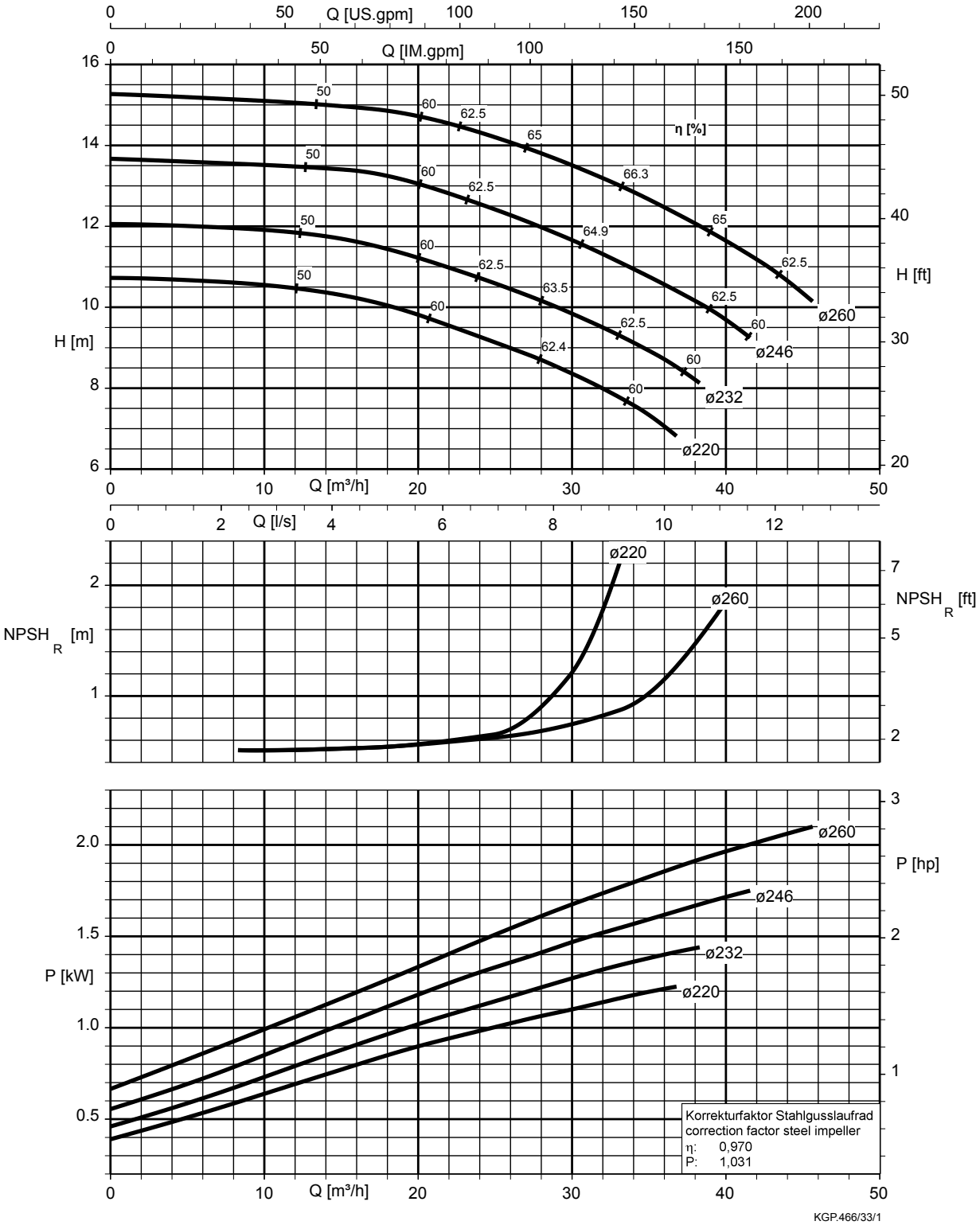
MegaCPK 080-050-200, n = 1.160 rpm

Meganorm, Megabloc



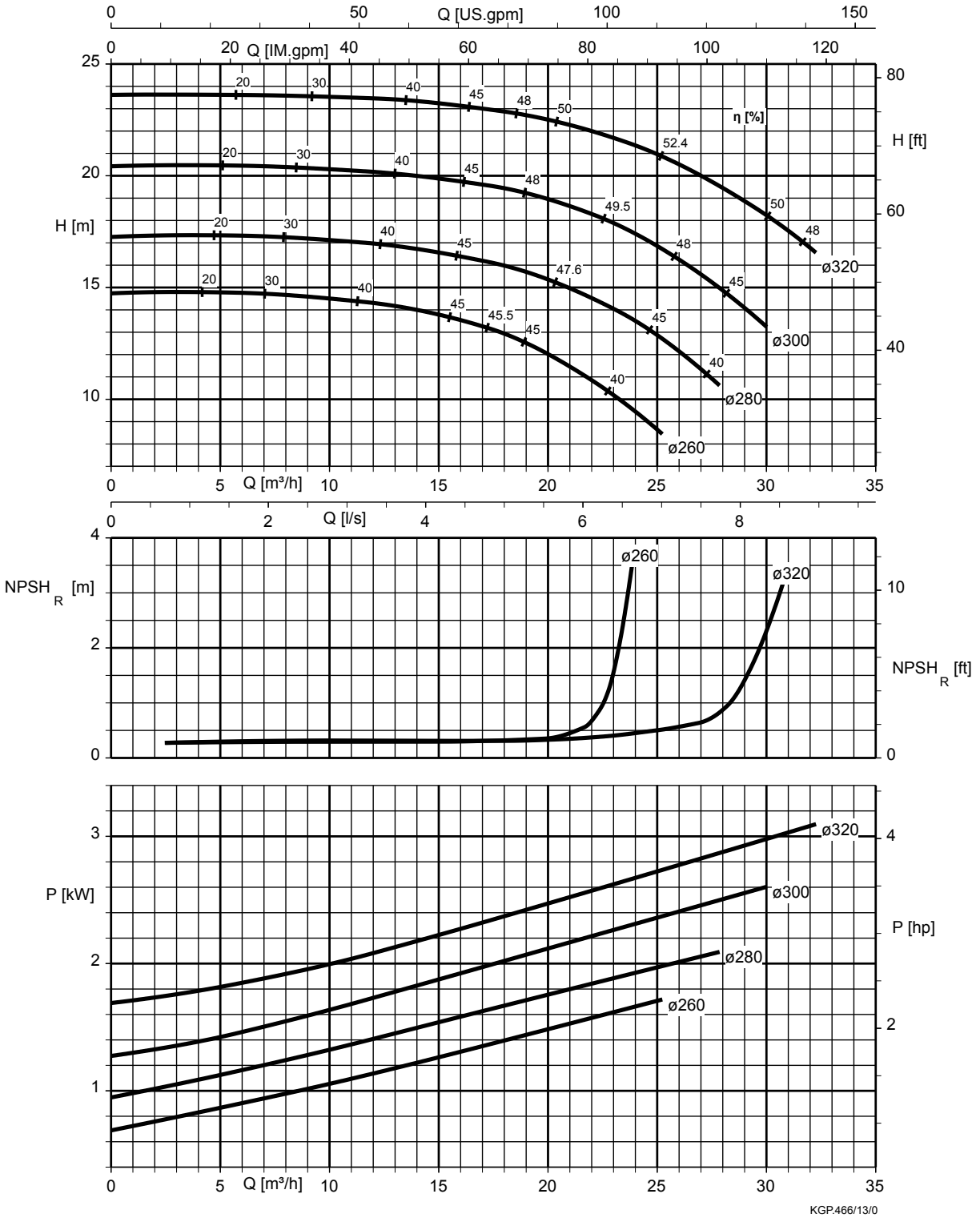
MegaCPK 080-050-250, n = 1.160 rpm

Meganorm, Megabloc



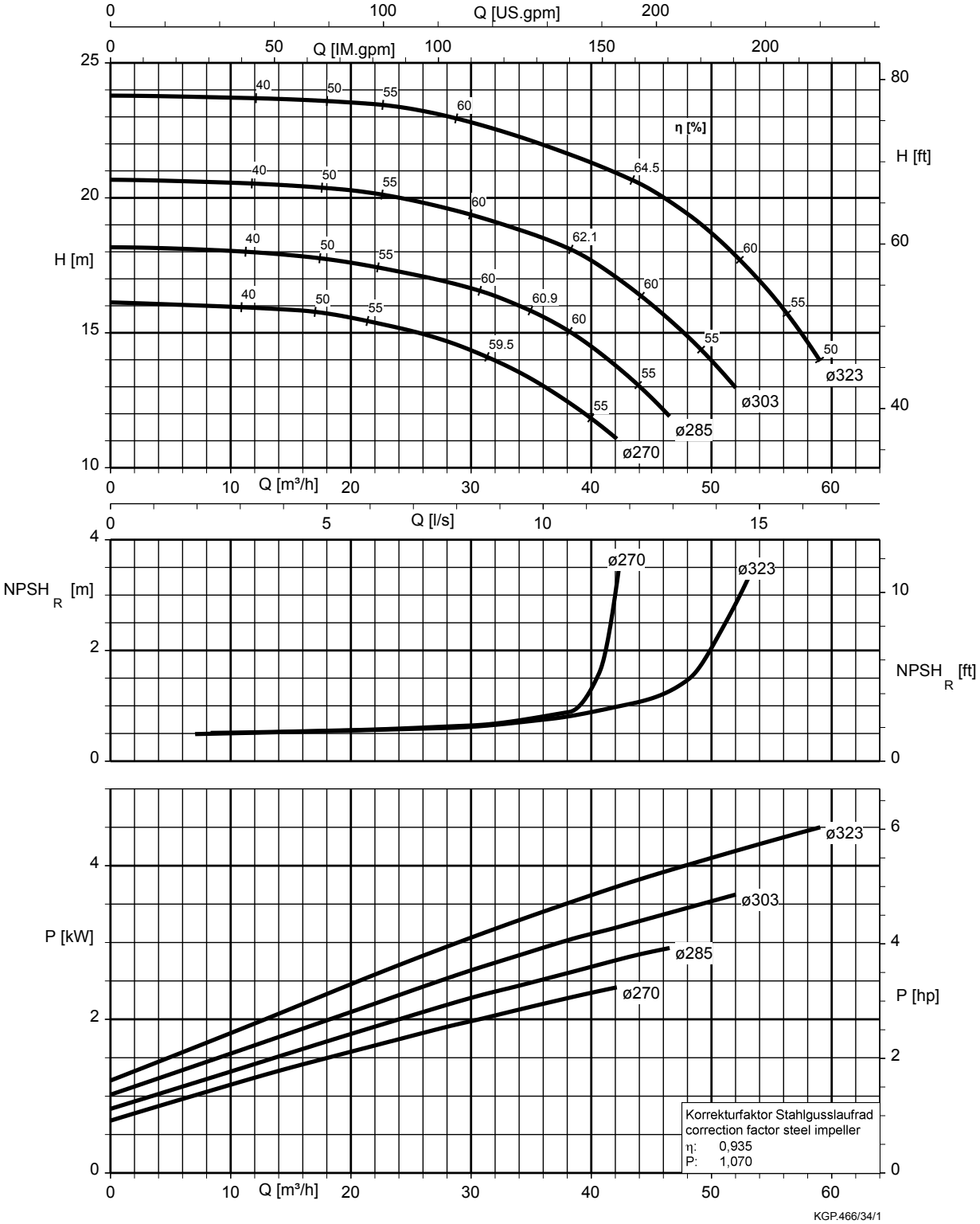
MegaCPK 080-050-315.1, n = 1160 rpm

Meganorm, Megabloc



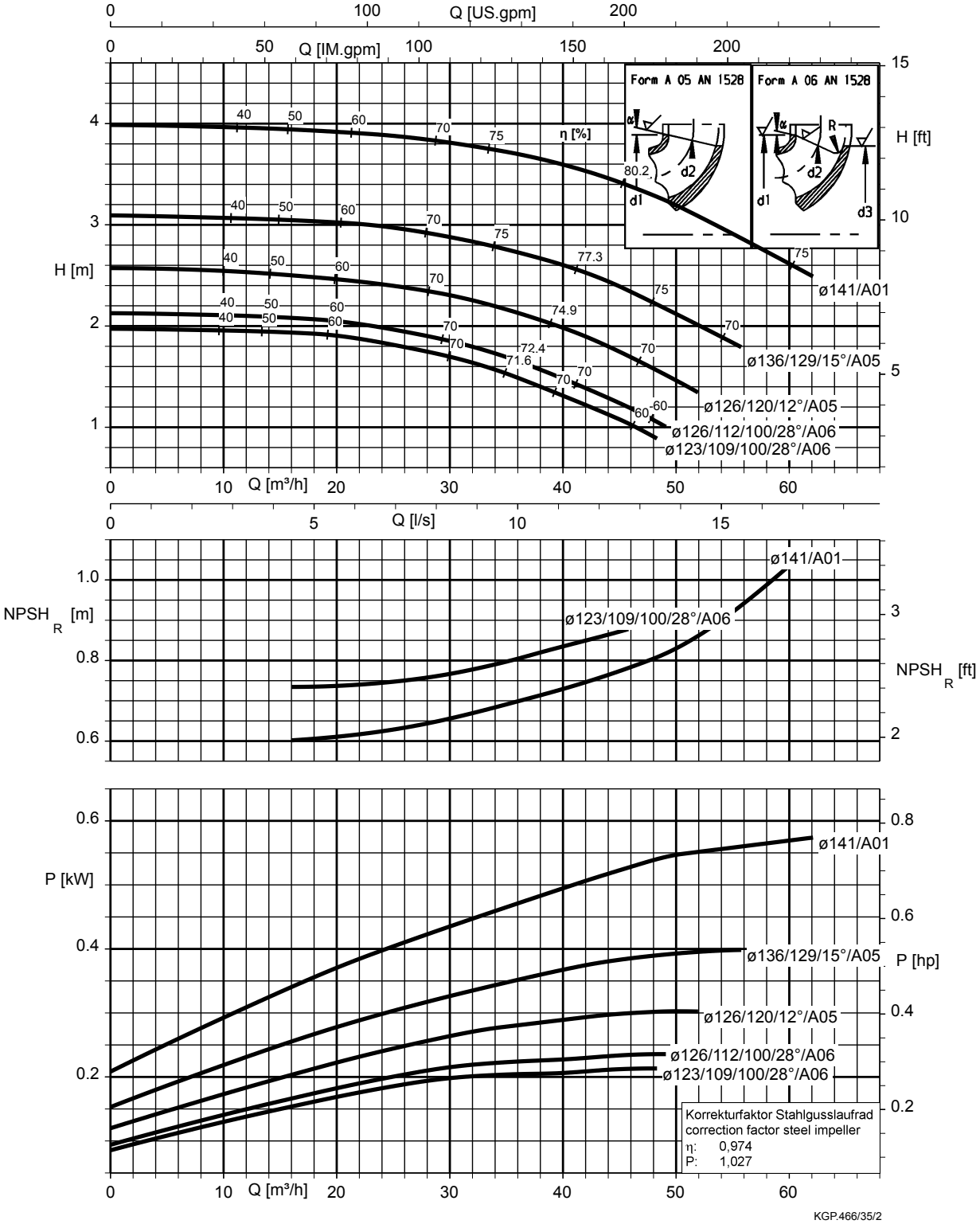
MegaCPK 080-050-315, n = 1.160 rpm

Meganorm, Megabloc



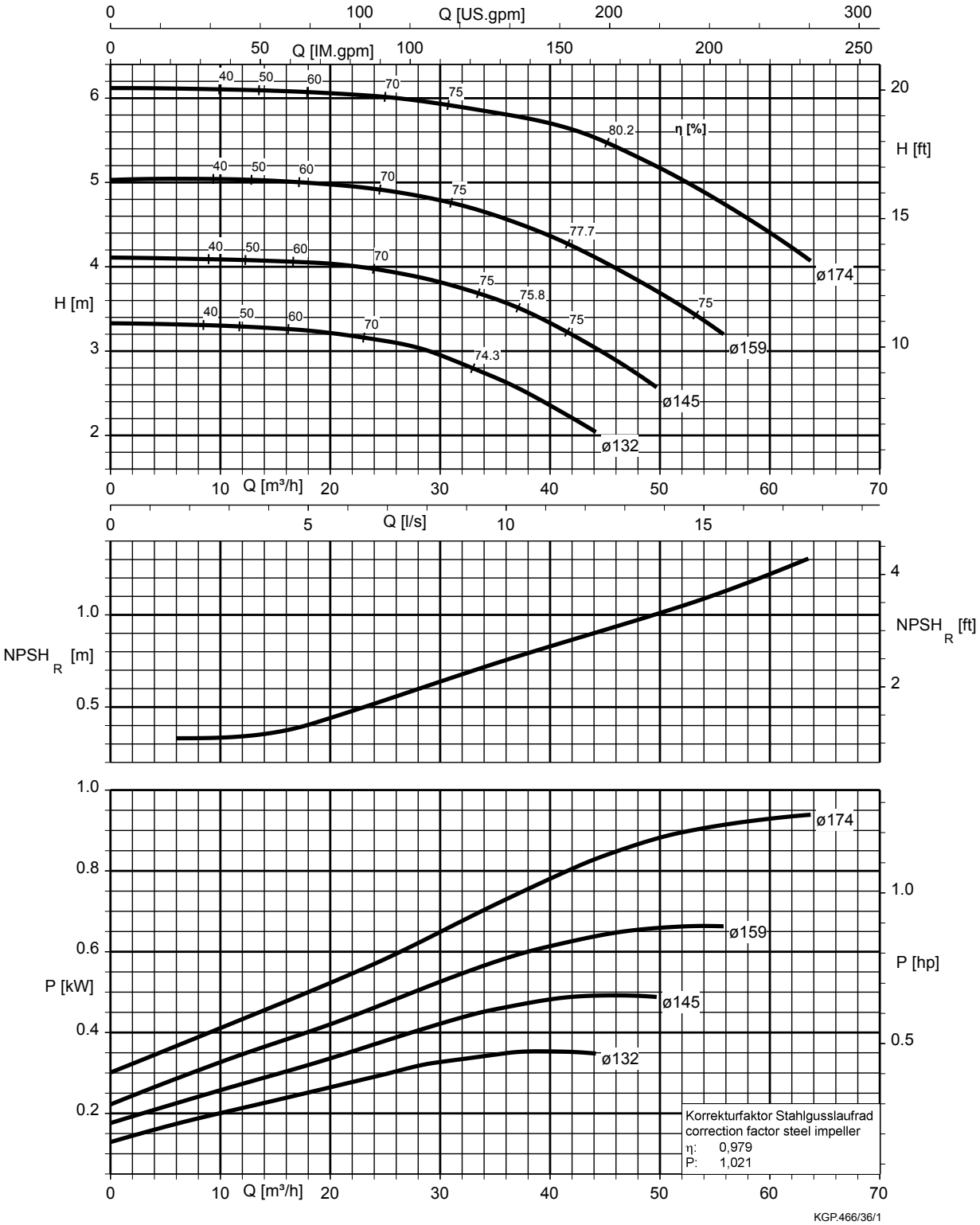
MegaCPK 100-065-125, n = 1.160 rpm

Meganorm, Megabloc



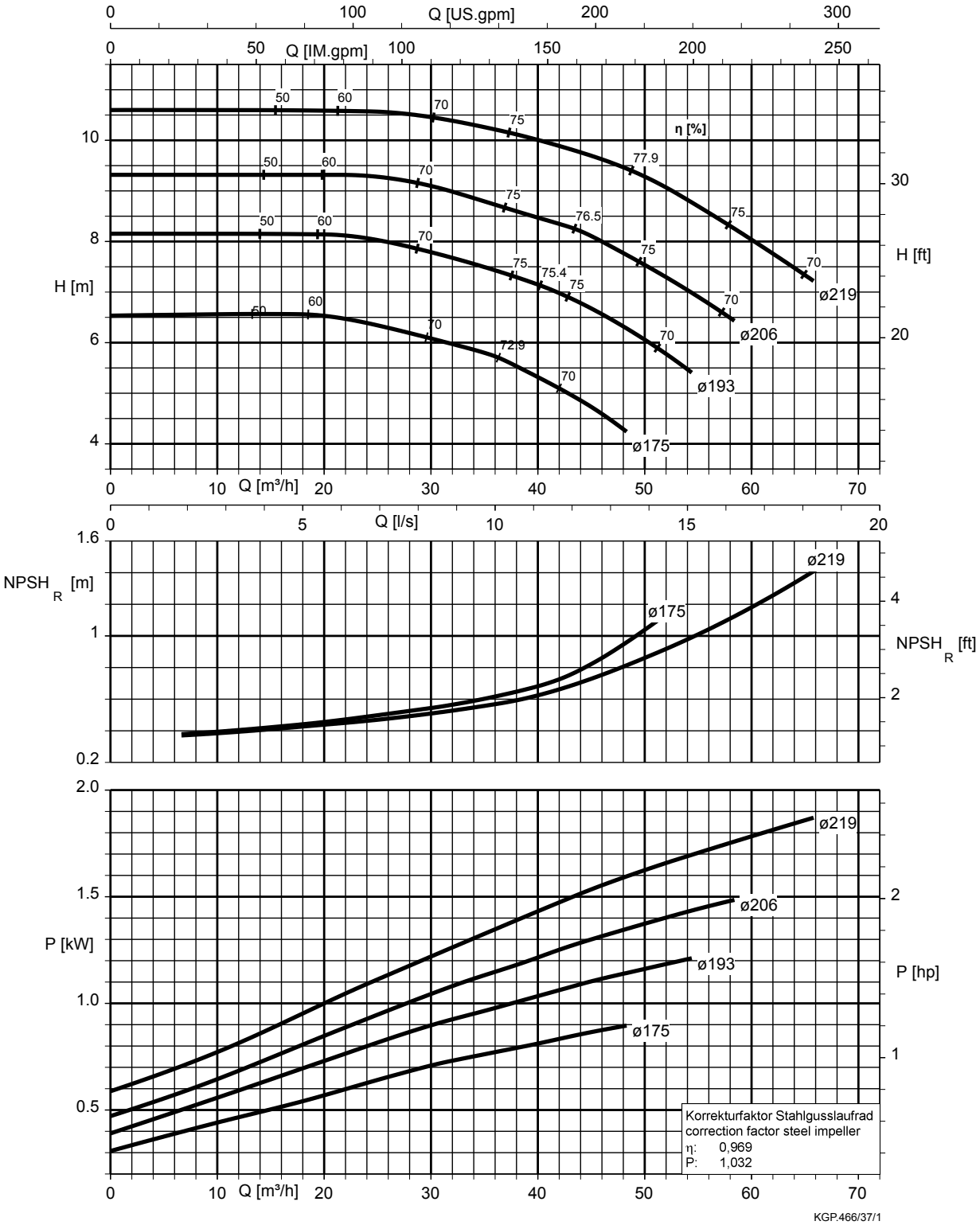
MegaCPK 100-065-160, n = 1.160 rpm

Meganorm, Megabloc



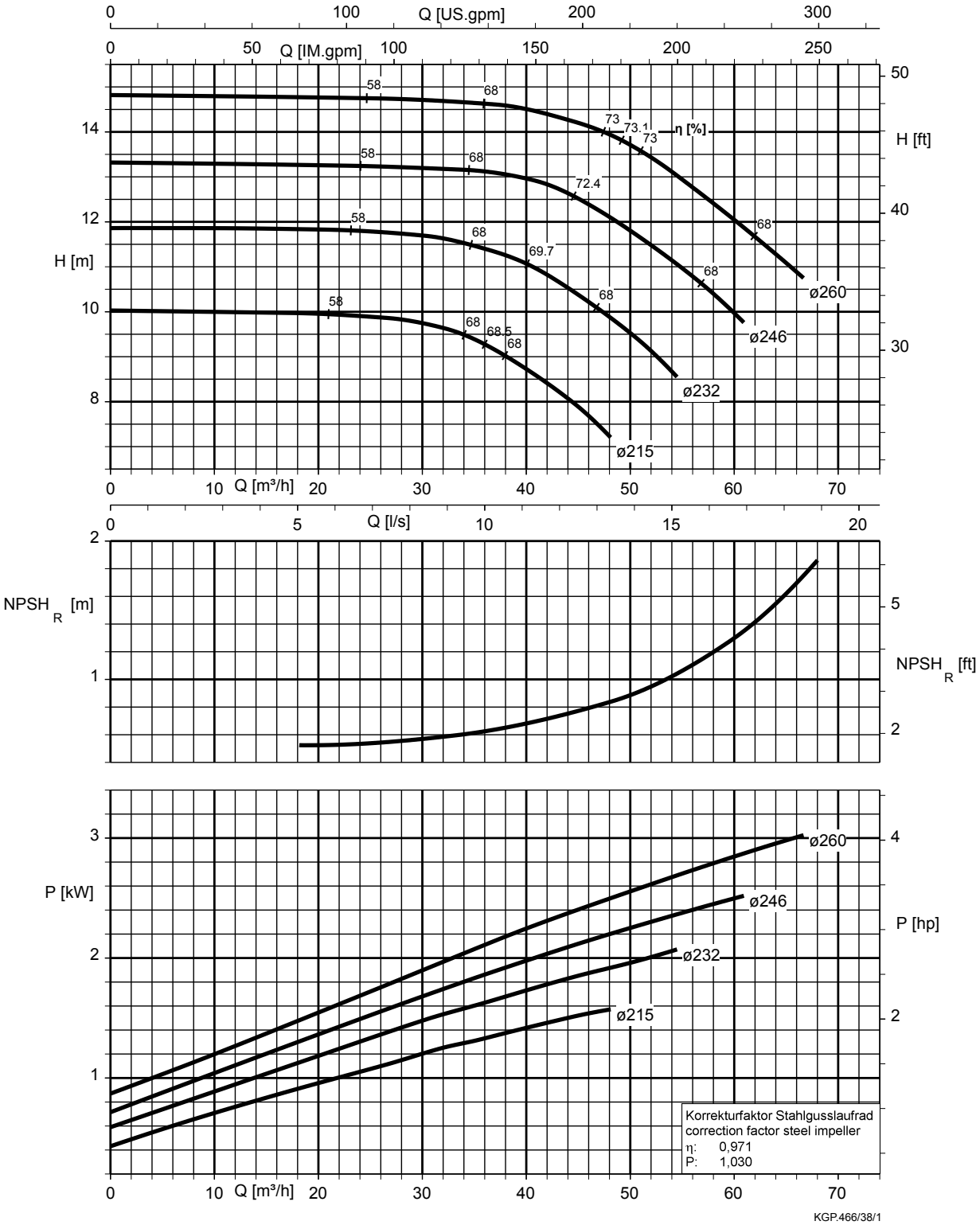
MegaCPK 100-065-200, n = 1.160 rpm

Meganorm, Megabloc



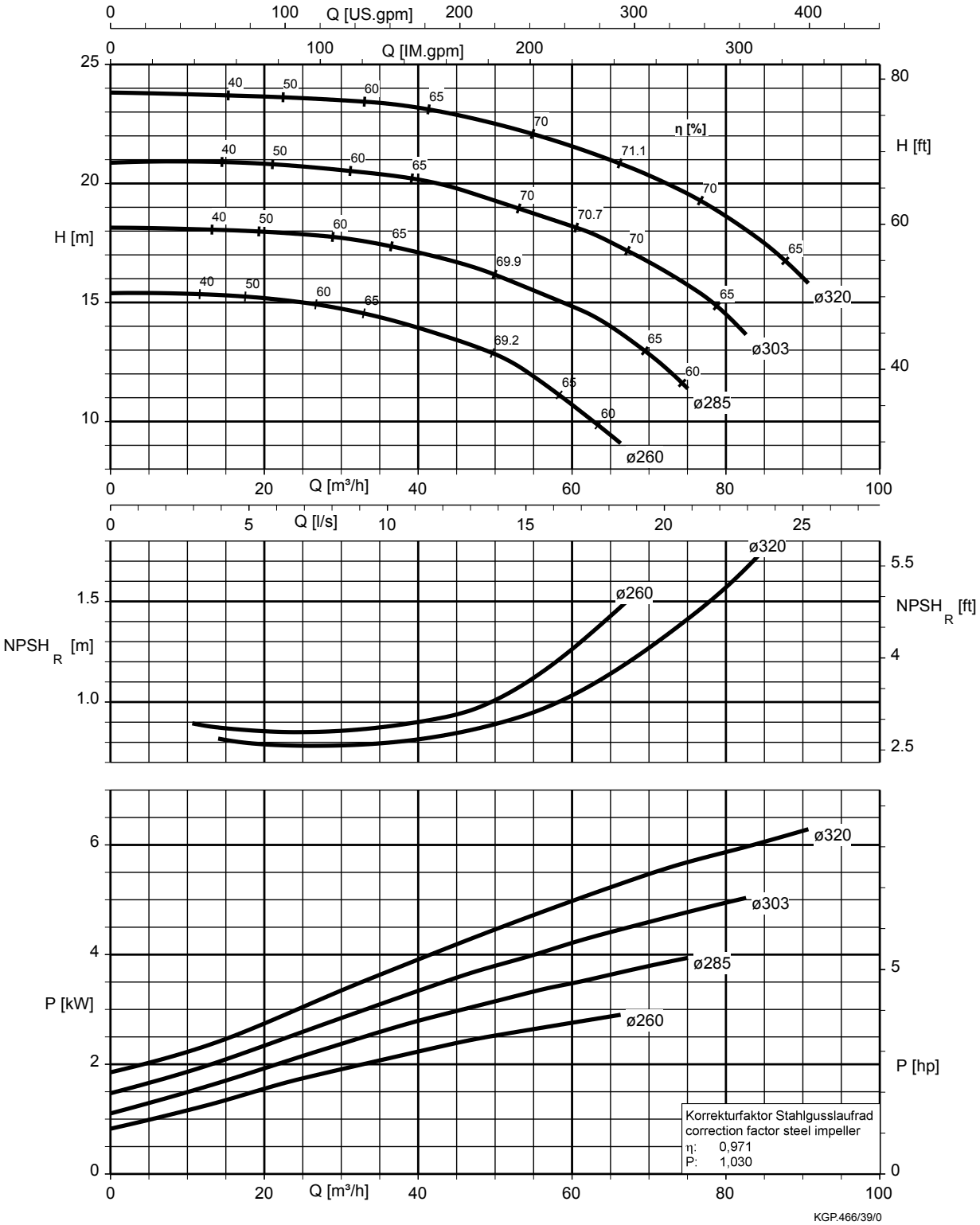
MegaCPK 100-065-250, n = 1.160 rpm

Meganorm, Megabloc



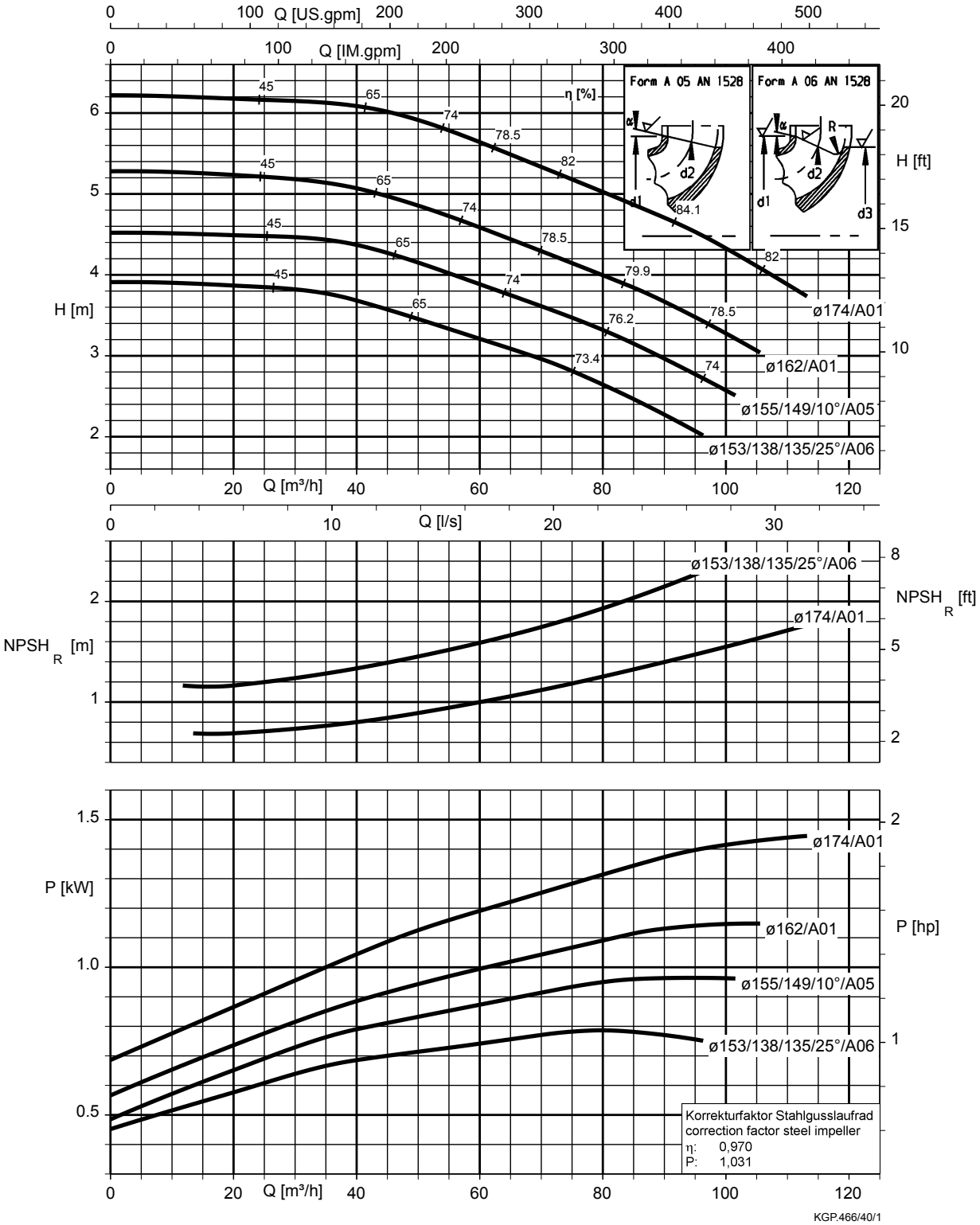
MegaCPK 100-065-315, n = 1.160 rpm

Meganorm, Megabloc



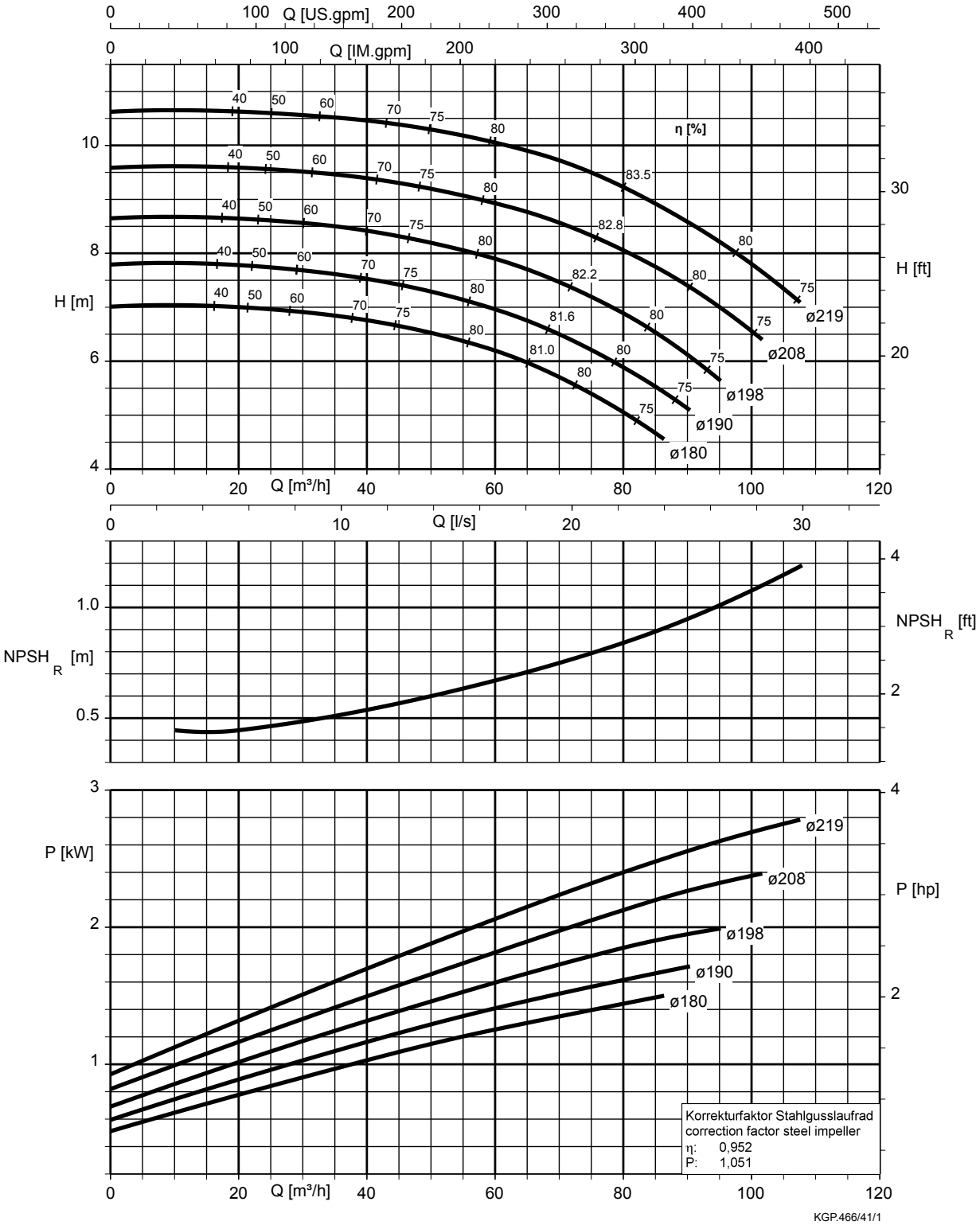
MegaCPK 125-080-160, n = 1.160 rpm

Meganorm, Megabloc



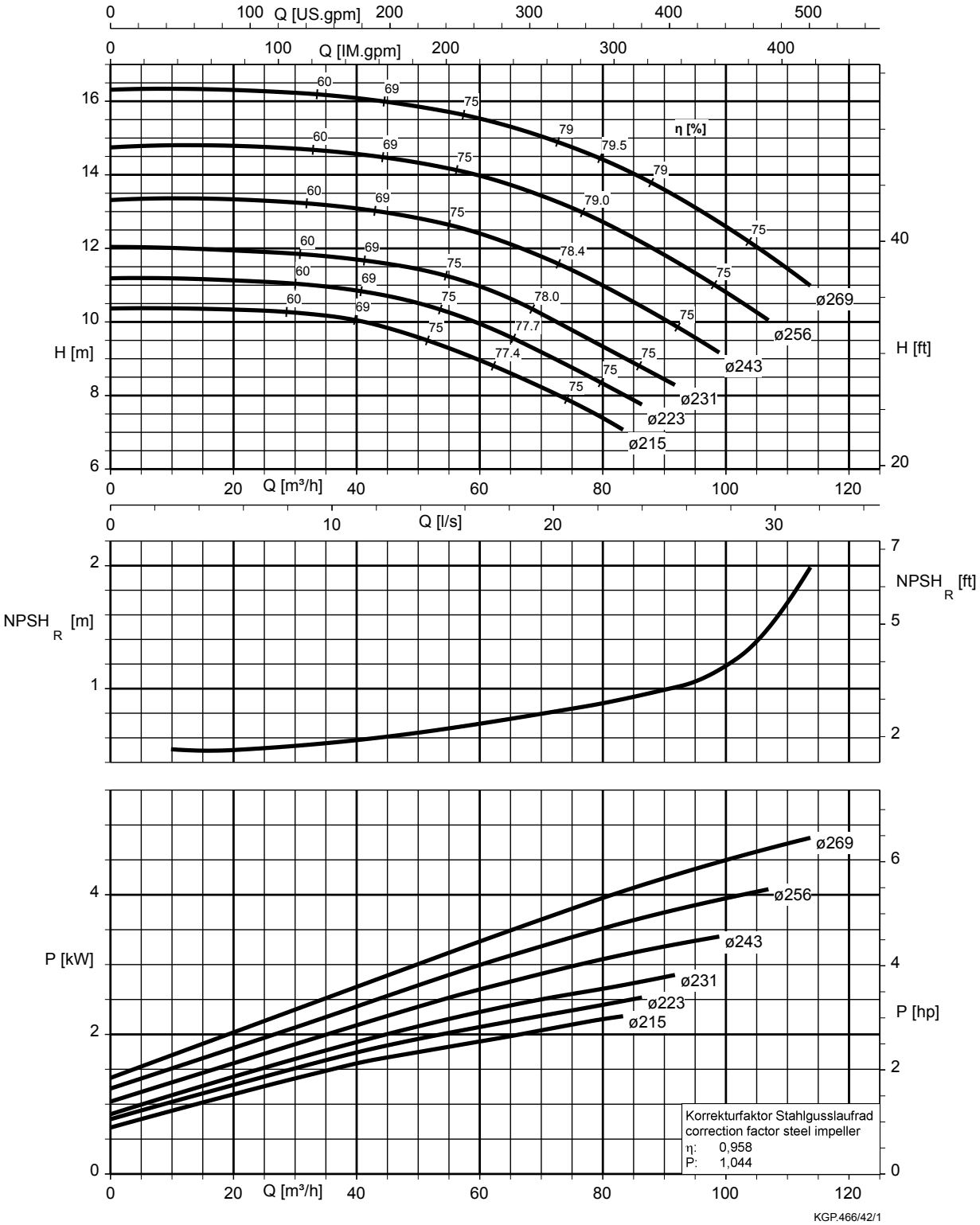
MegaCPK 125-080-200, n = 1.160 rpm

Meganorm, Megabloc



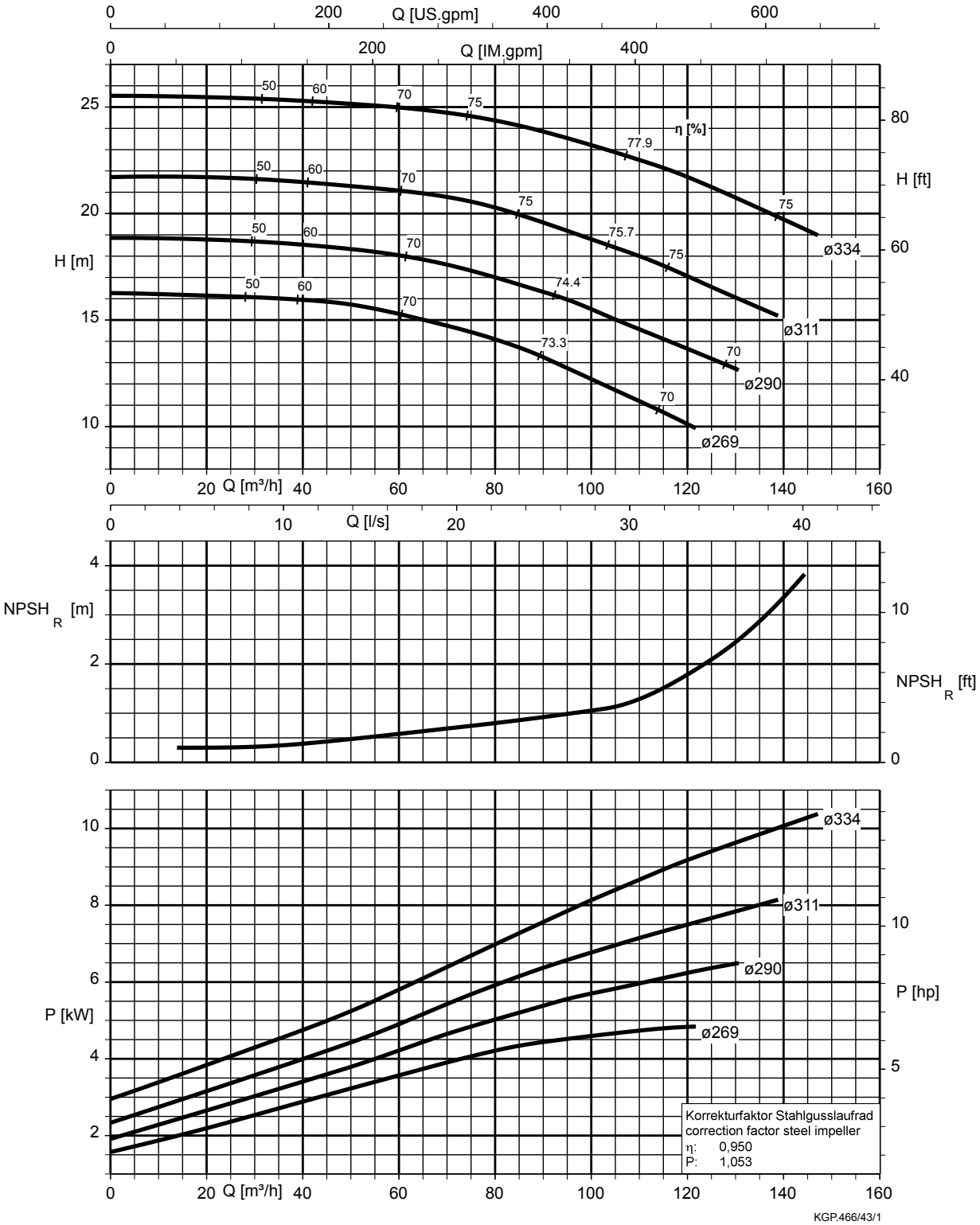
MegaCPK 125-080-250, n = 1.160 rpm

Meganorm, Megabloc



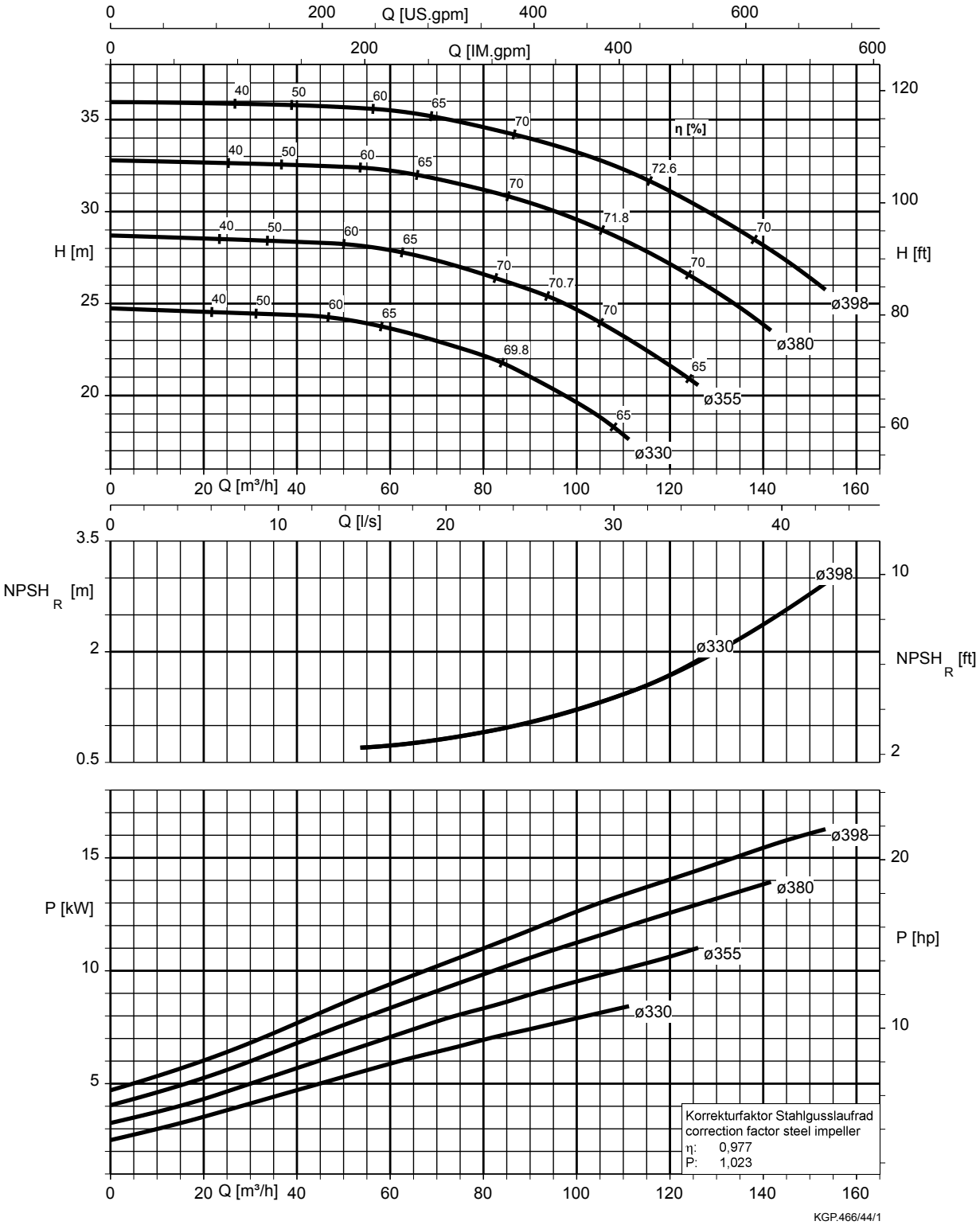
MegaCPK 125-080-315, n = 1.160 rpm

Meganorm, Megabloc



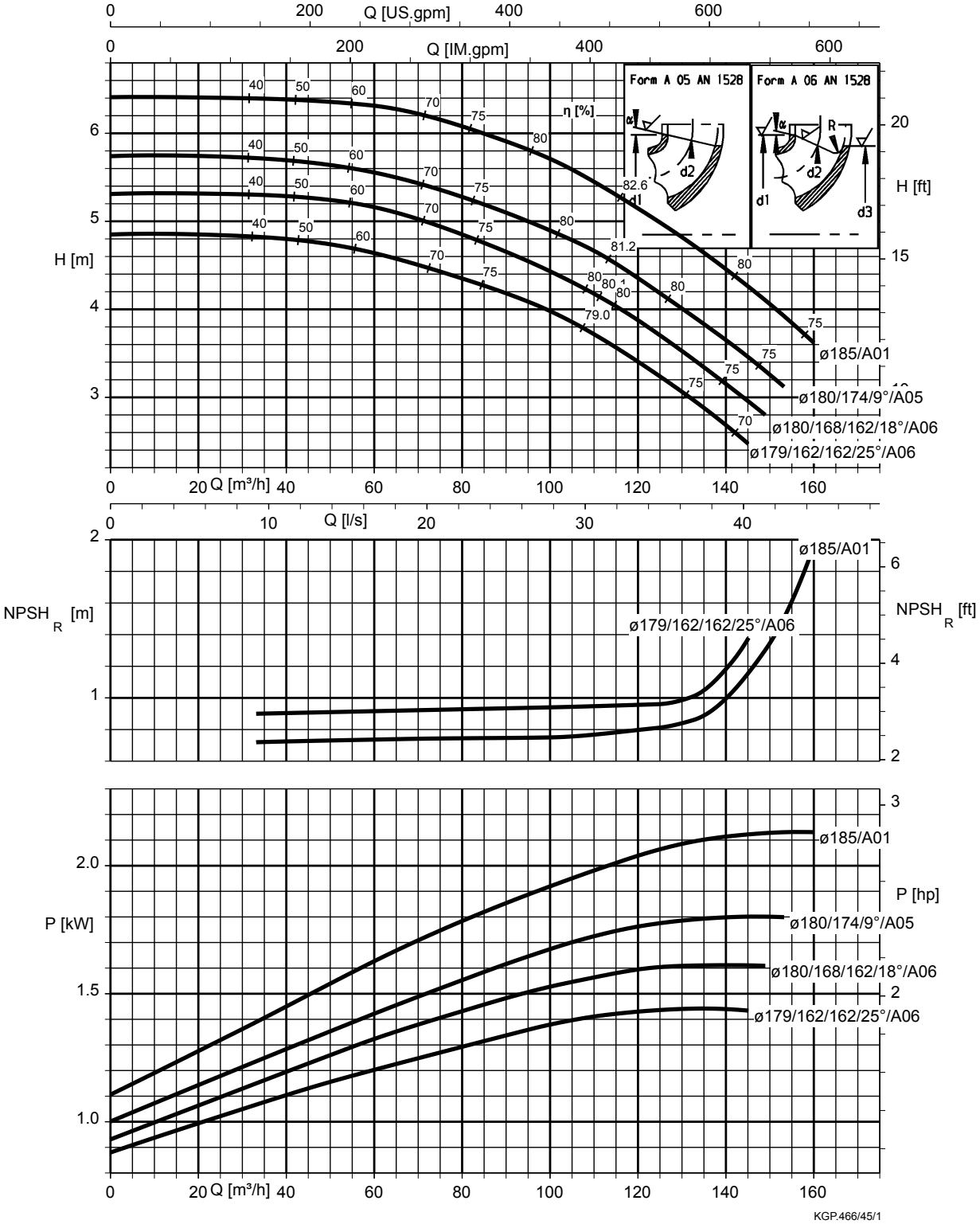
MegaCPK 125-080-400, n = 1.160 rpm

Meganorm, Megabloc



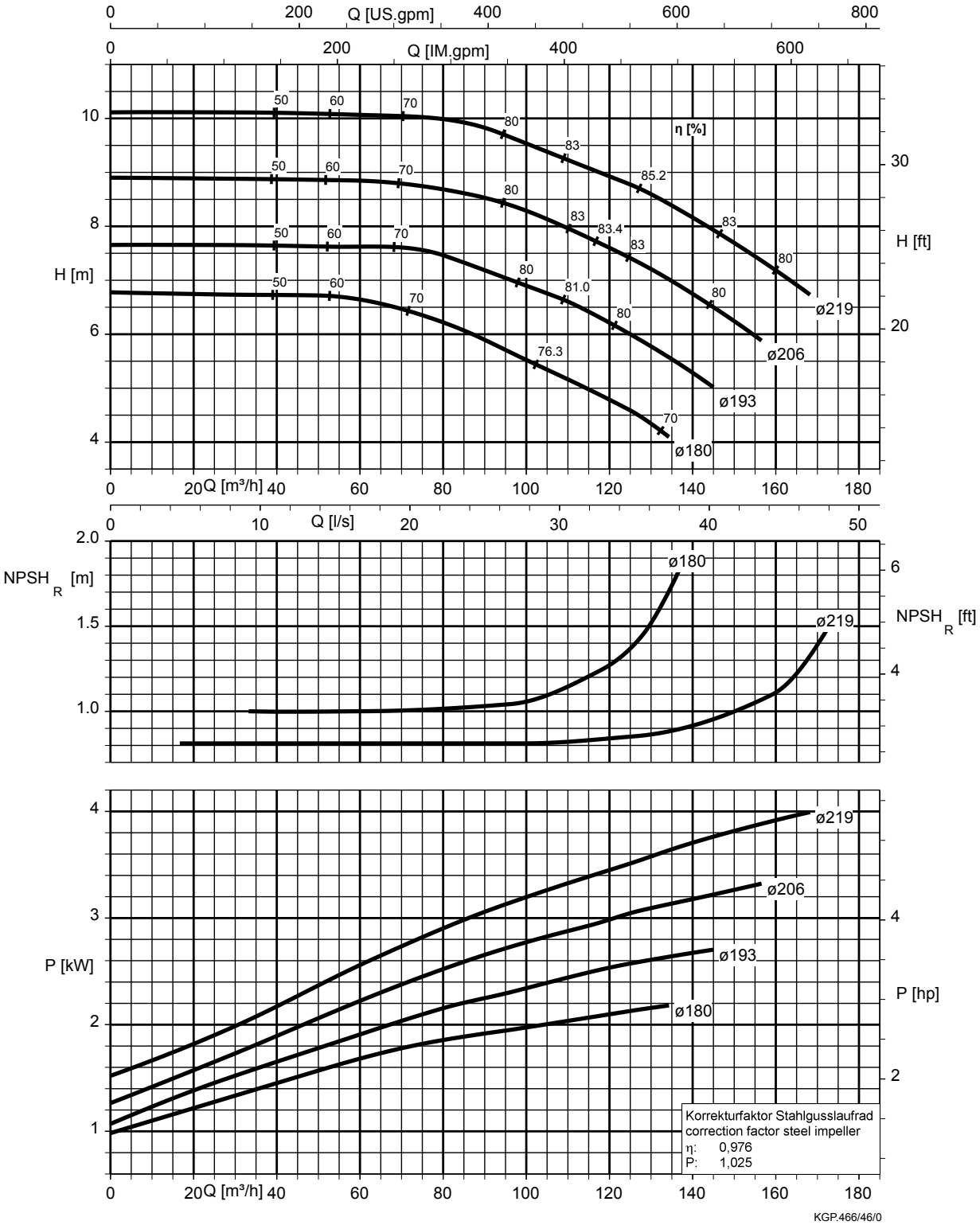
MegaCPK 125-100-160, n = 1160 r.p.m.

Meganorm, Megabloc



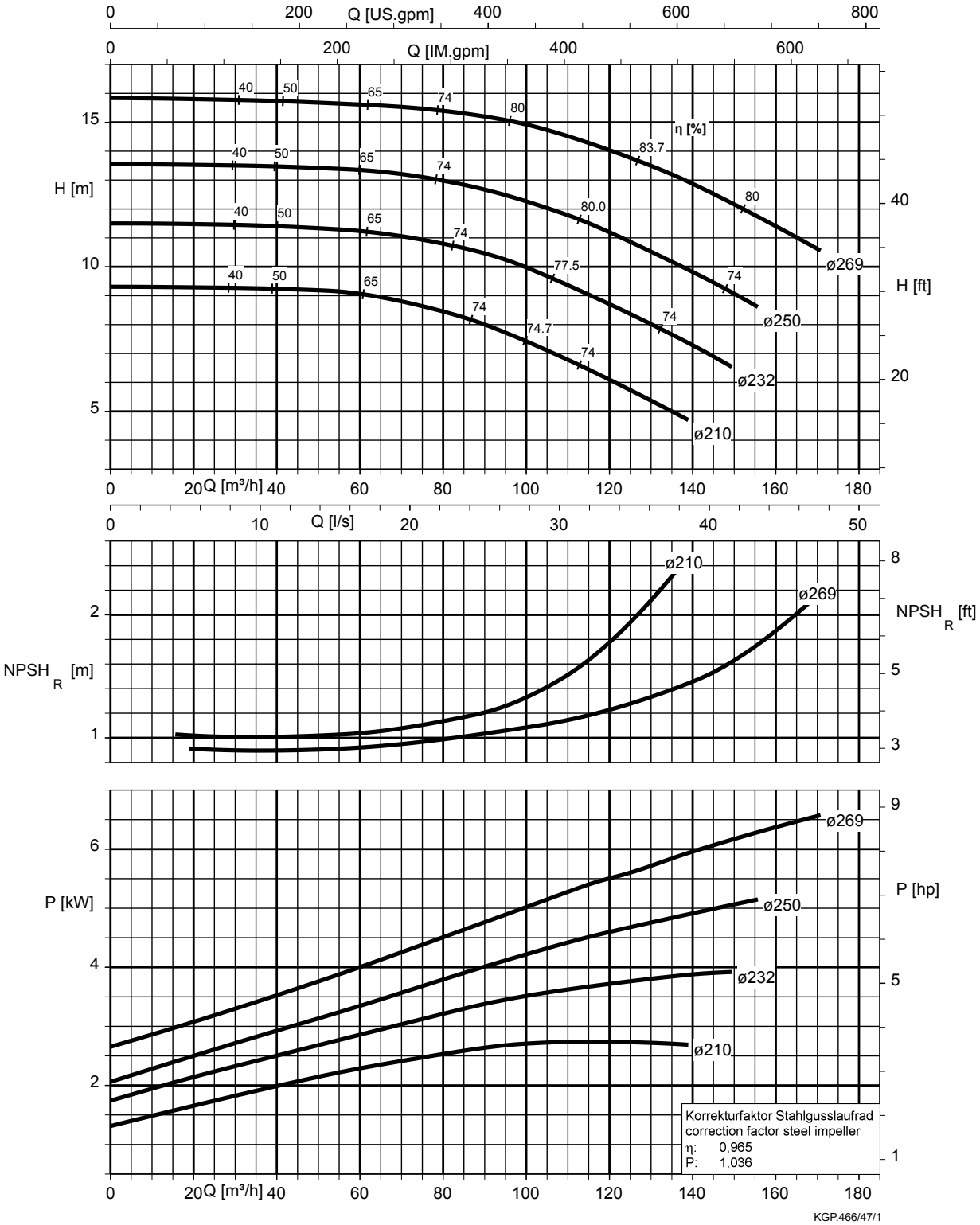
MegaCPK 125-100-200, n = 1160 r.p.m.

Meganorm, Megabloc



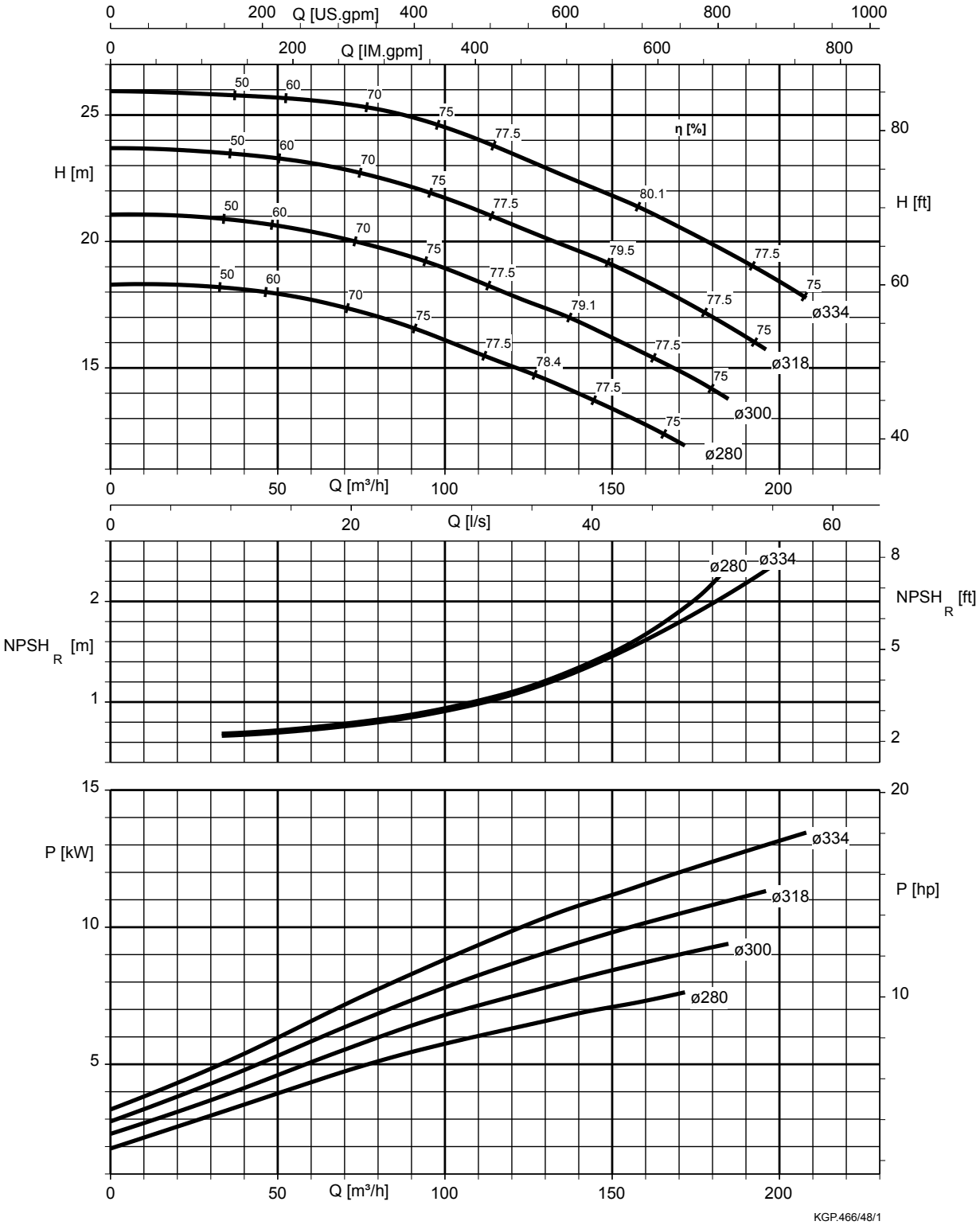
MegaCPK 125-100-250, n = 1160 r.p.m.

Meganorm, Megabloc



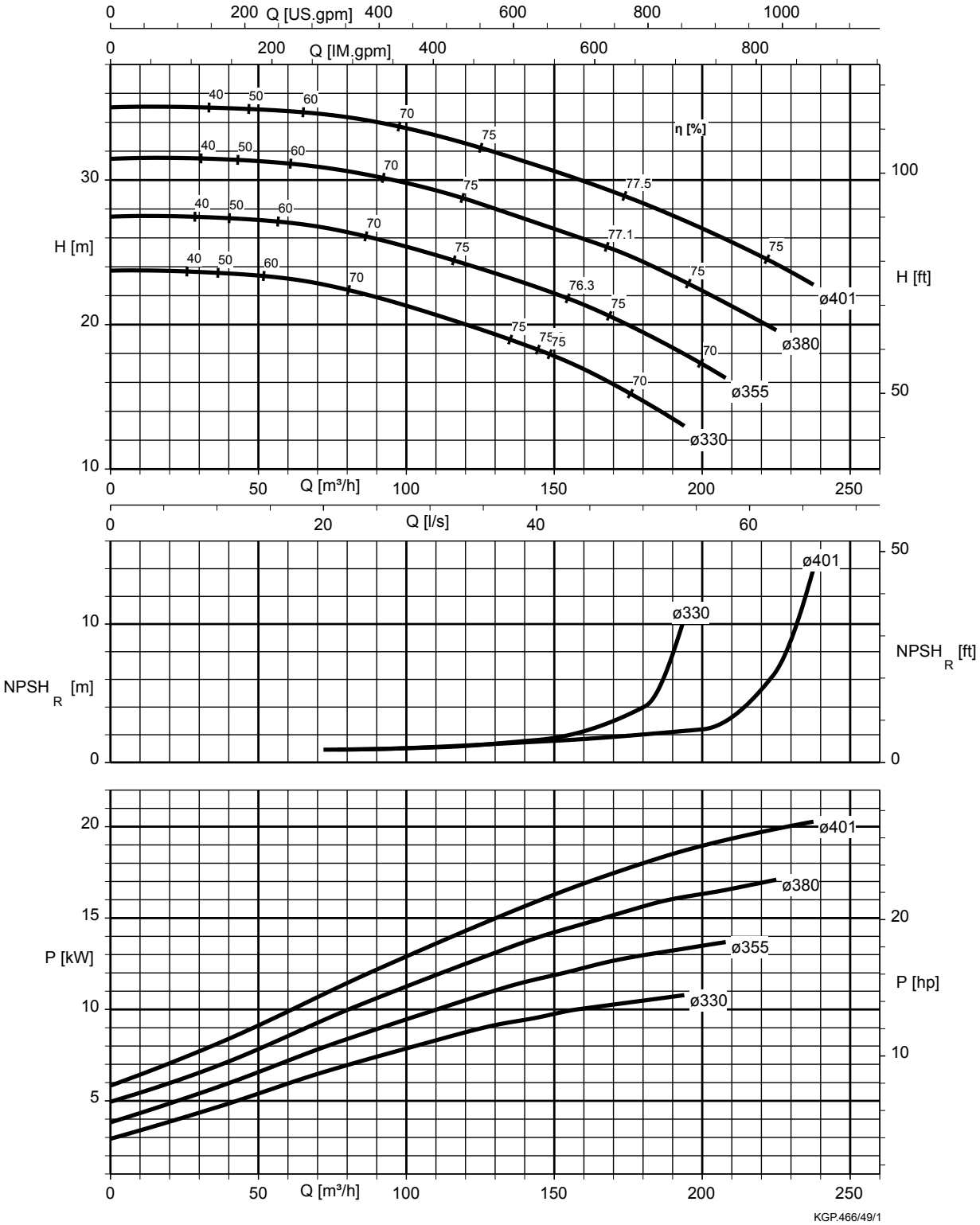
MegaCPK 125-100-315, n = 1160 r.p.m.

Meganorm, Megabloc



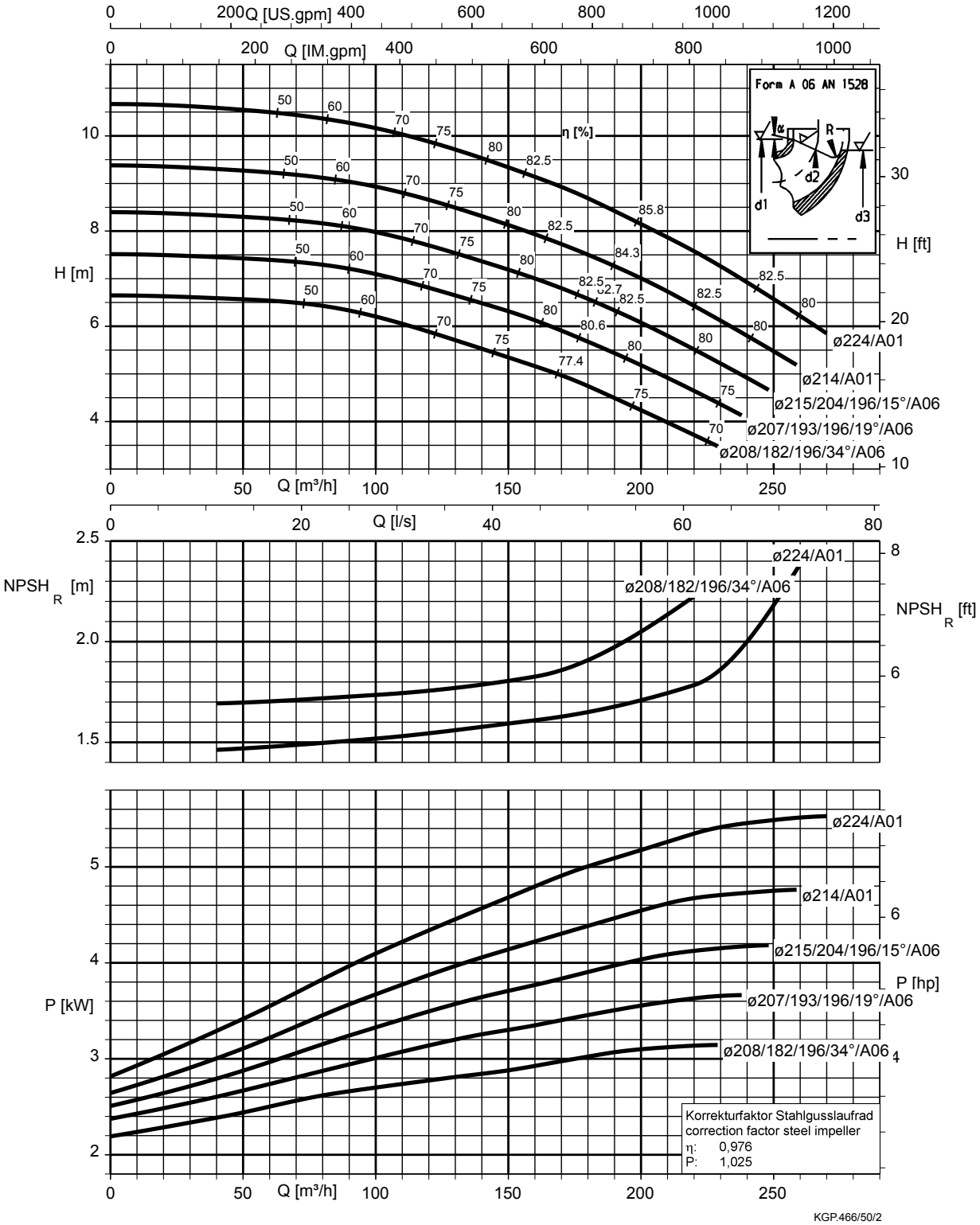
MegaCPK 125-100-400, n = 1160 r.p.m.

Meganorm, Megabloc



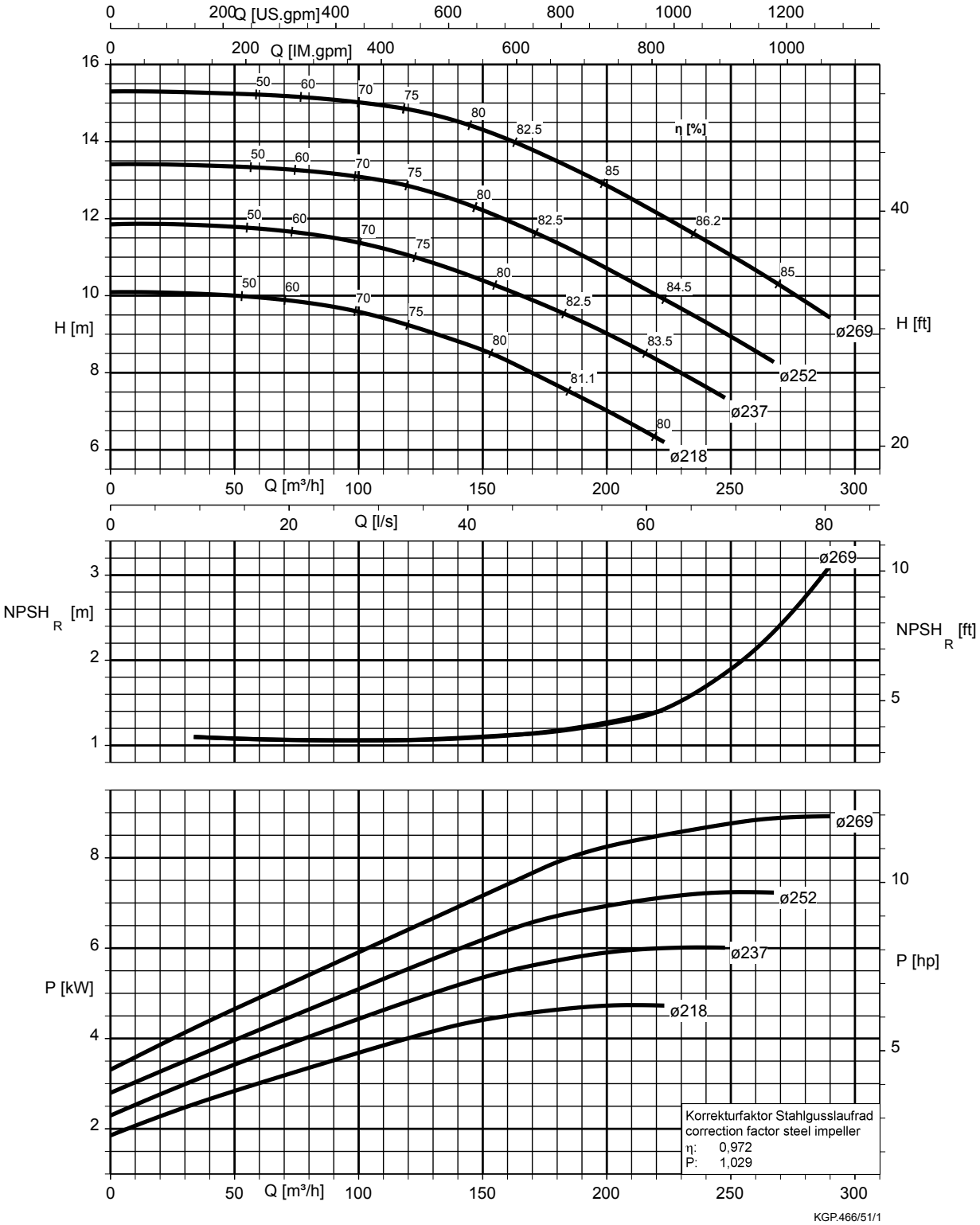
MegaCPK 150-125-200, n = 1160 r.p.m.

Meganorm, Megabloc



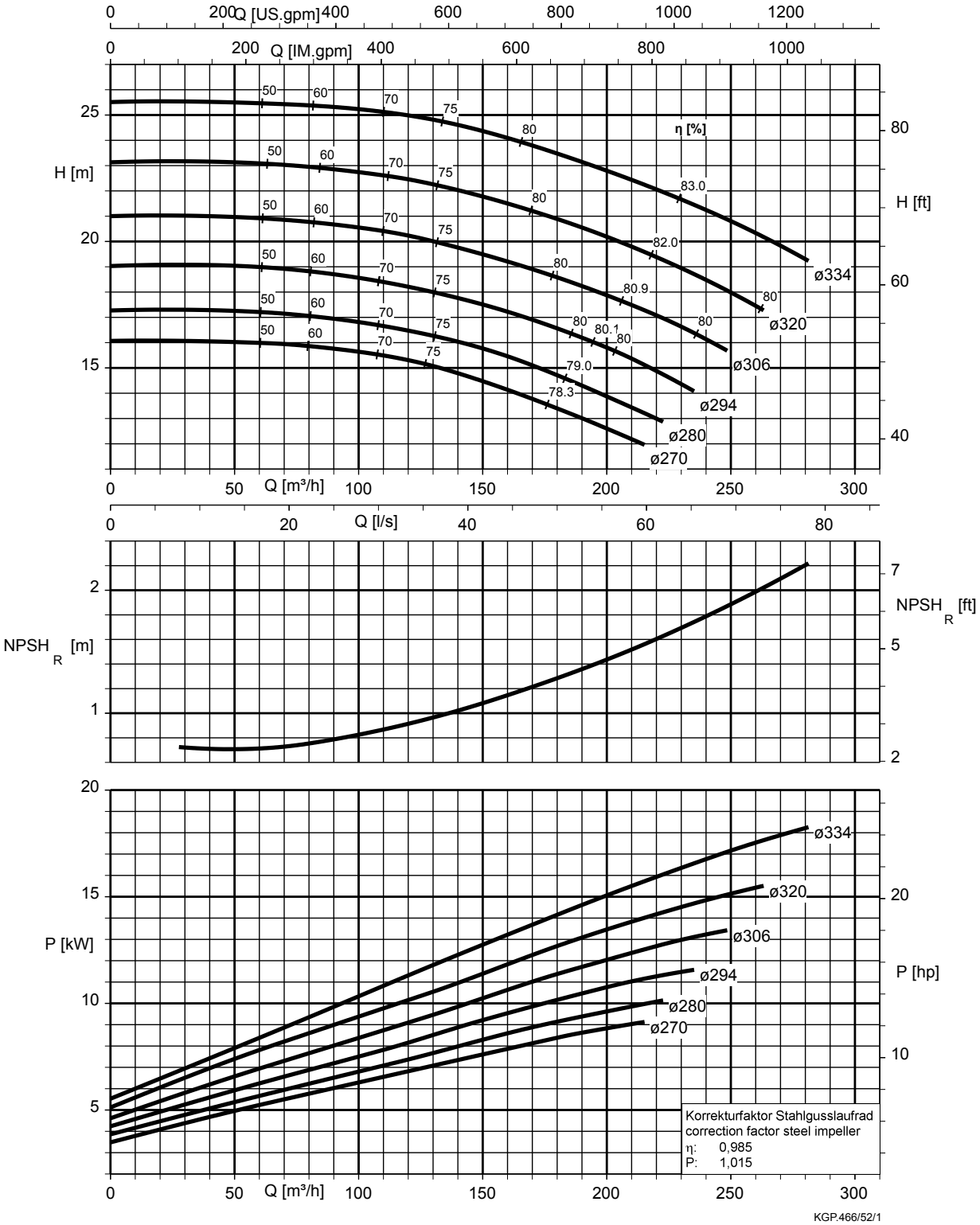
MegaCPK 150-125-250, n = 1160 r.p.m.

Meganorm, Megabloc



MegaCPK 150-125-315, n = 1160 r.p.m.

Meganorm, Megabloc



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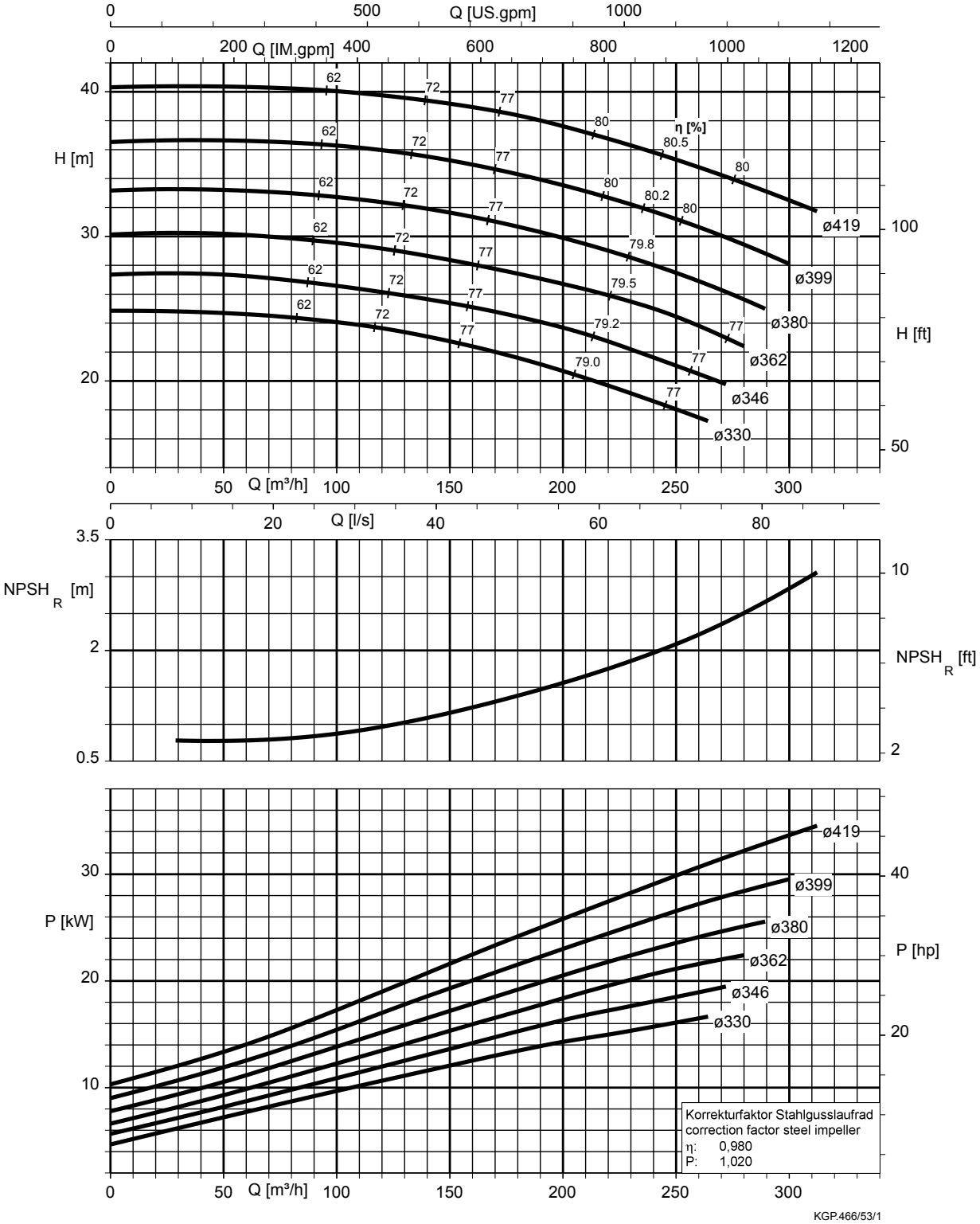
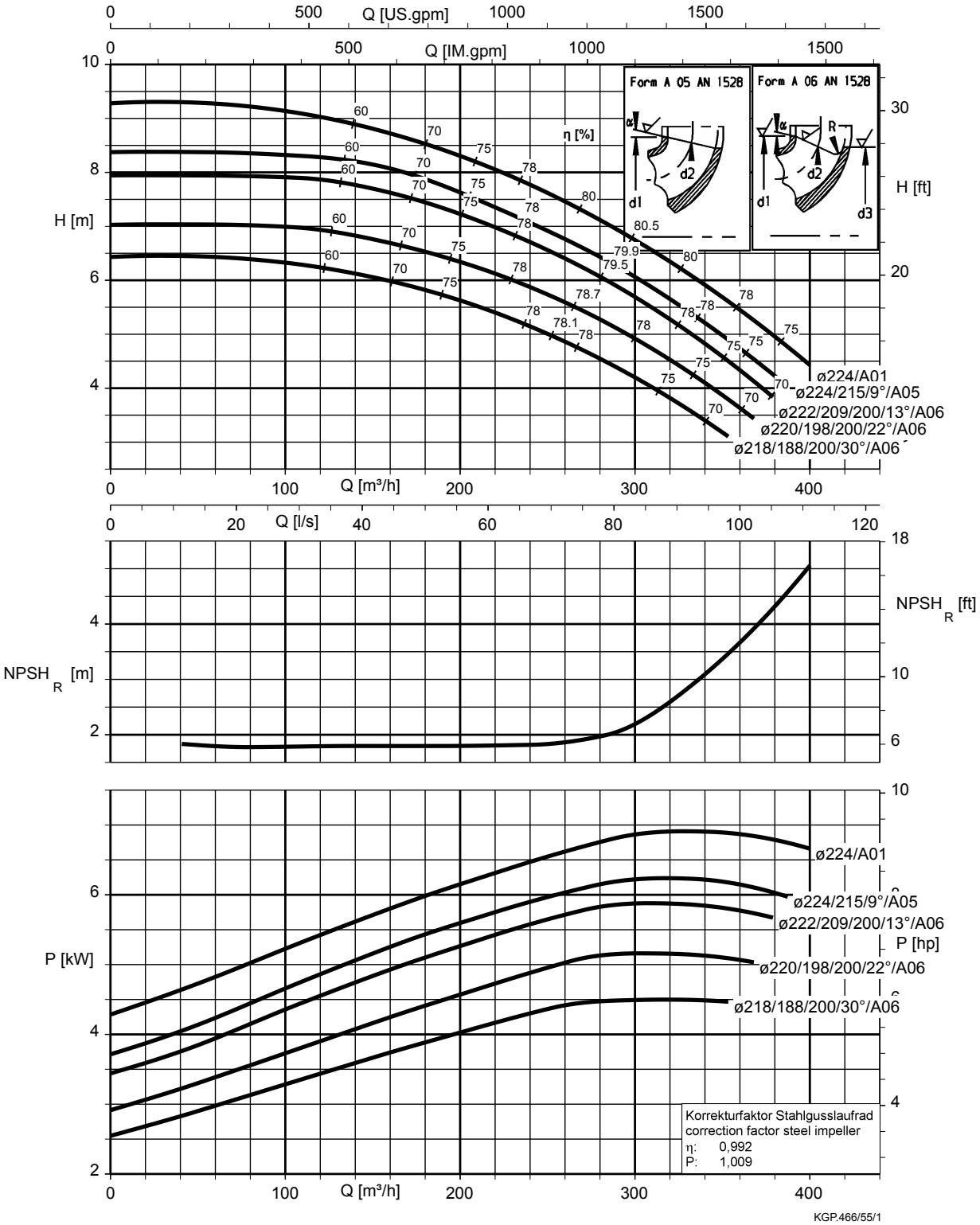
Meganorm, Megabloc



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

Meganorm, Megabloc



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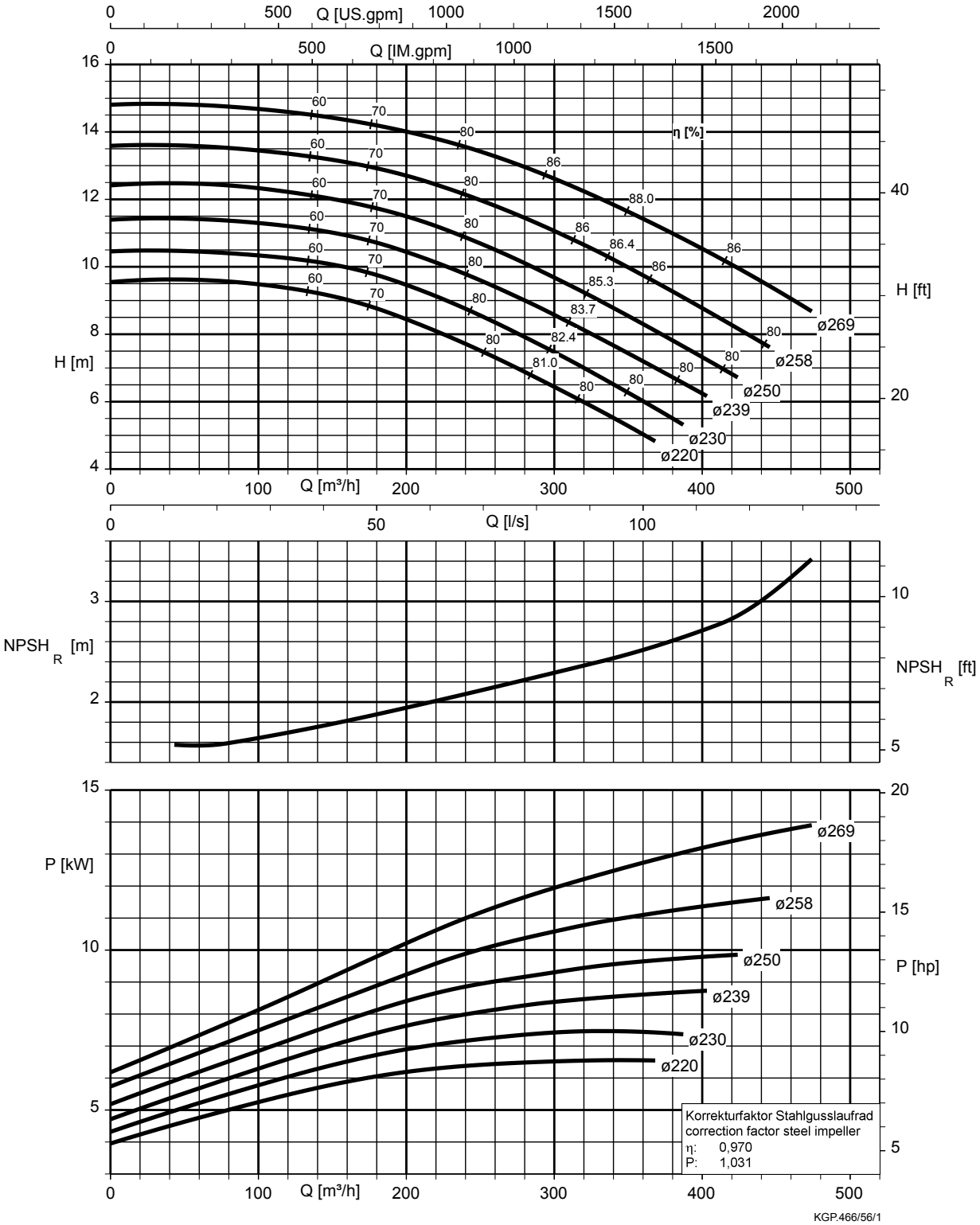
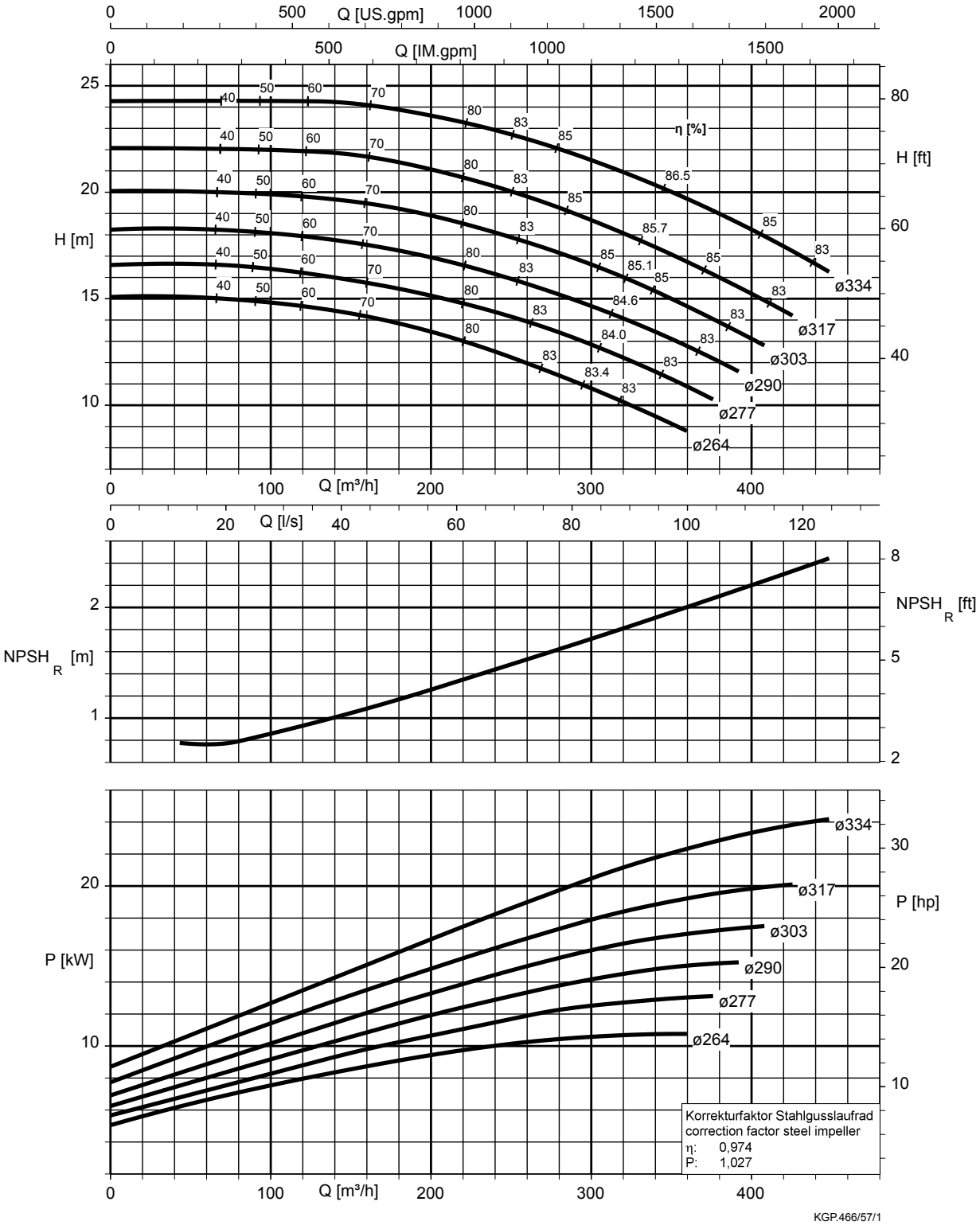
Meganorm, Megabloc



MegaCPK 200-150-315, n = 1160 r.p.m.

Meganorm, Megabloc



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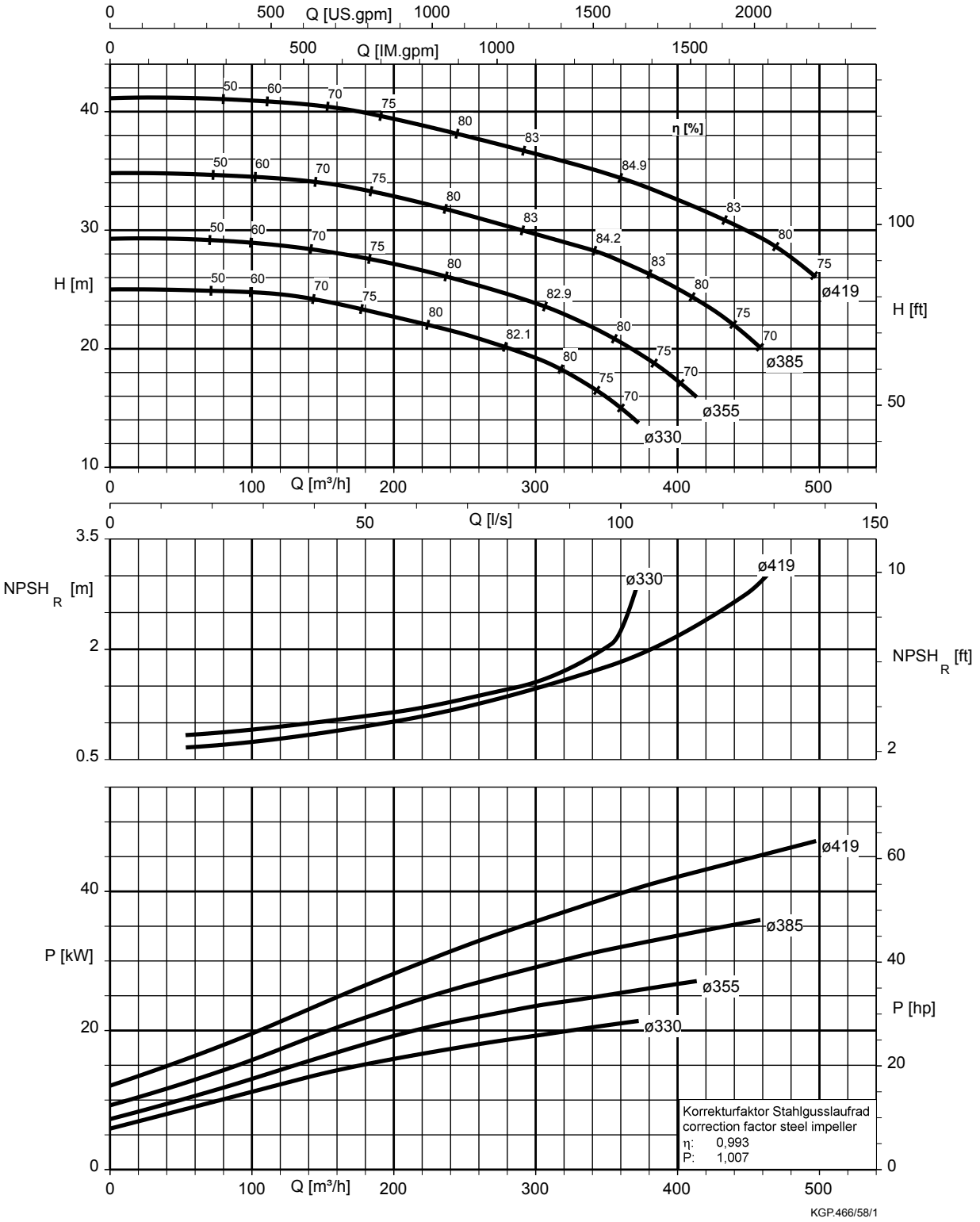
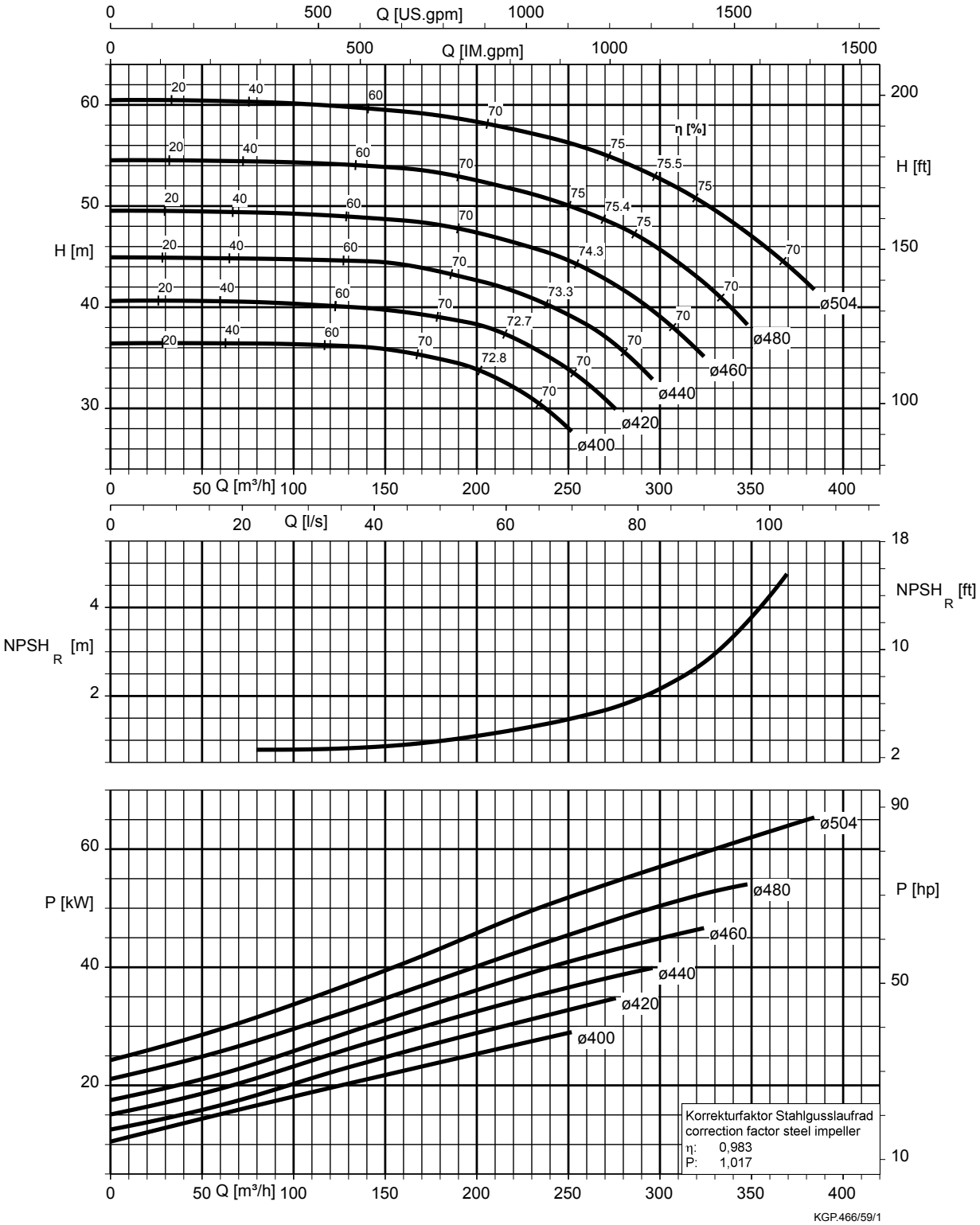
Meganorm, Megabloc



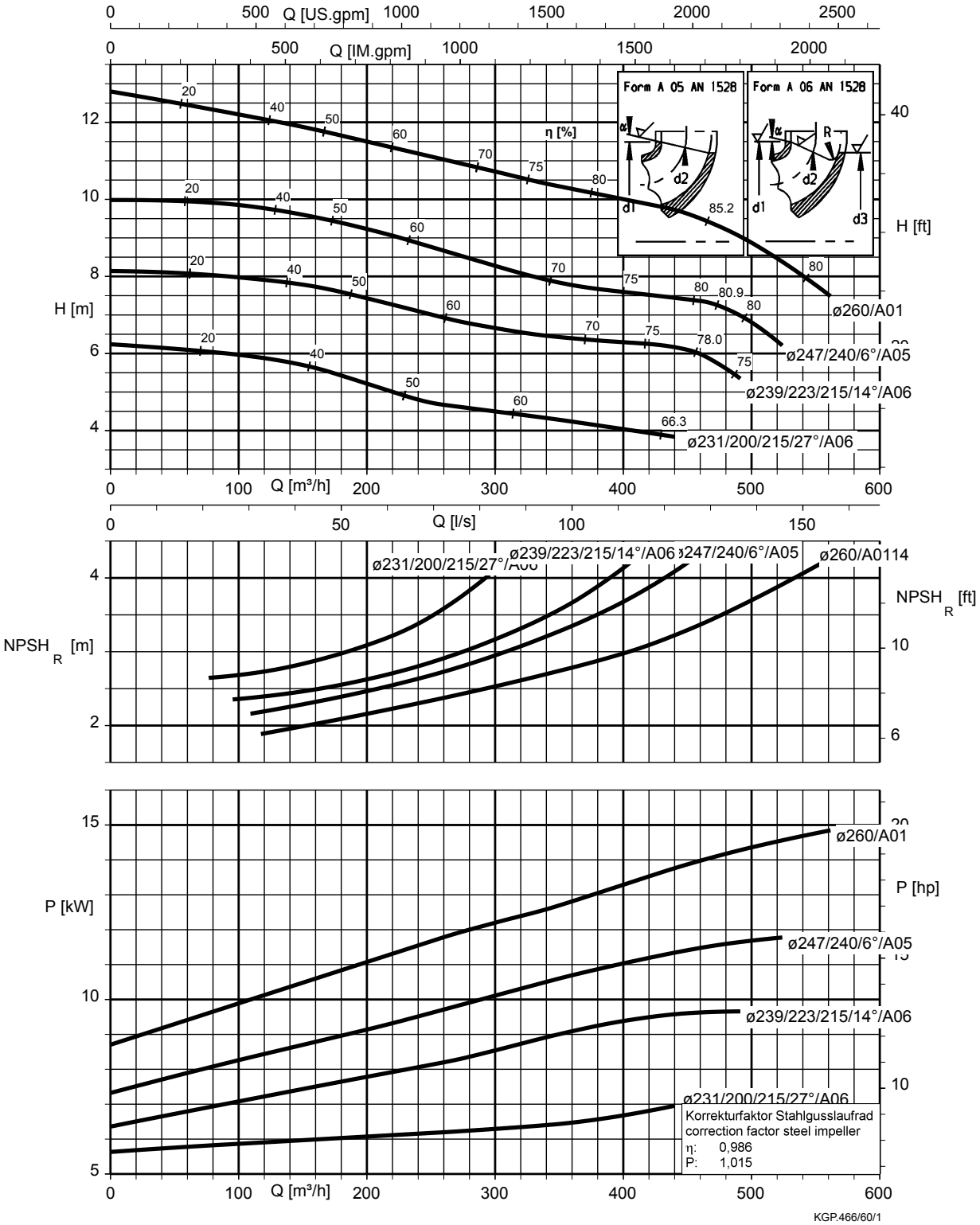
MegaCPK 200-150-500, n = 1160 r.p.m.

Meganorm, Megabloc



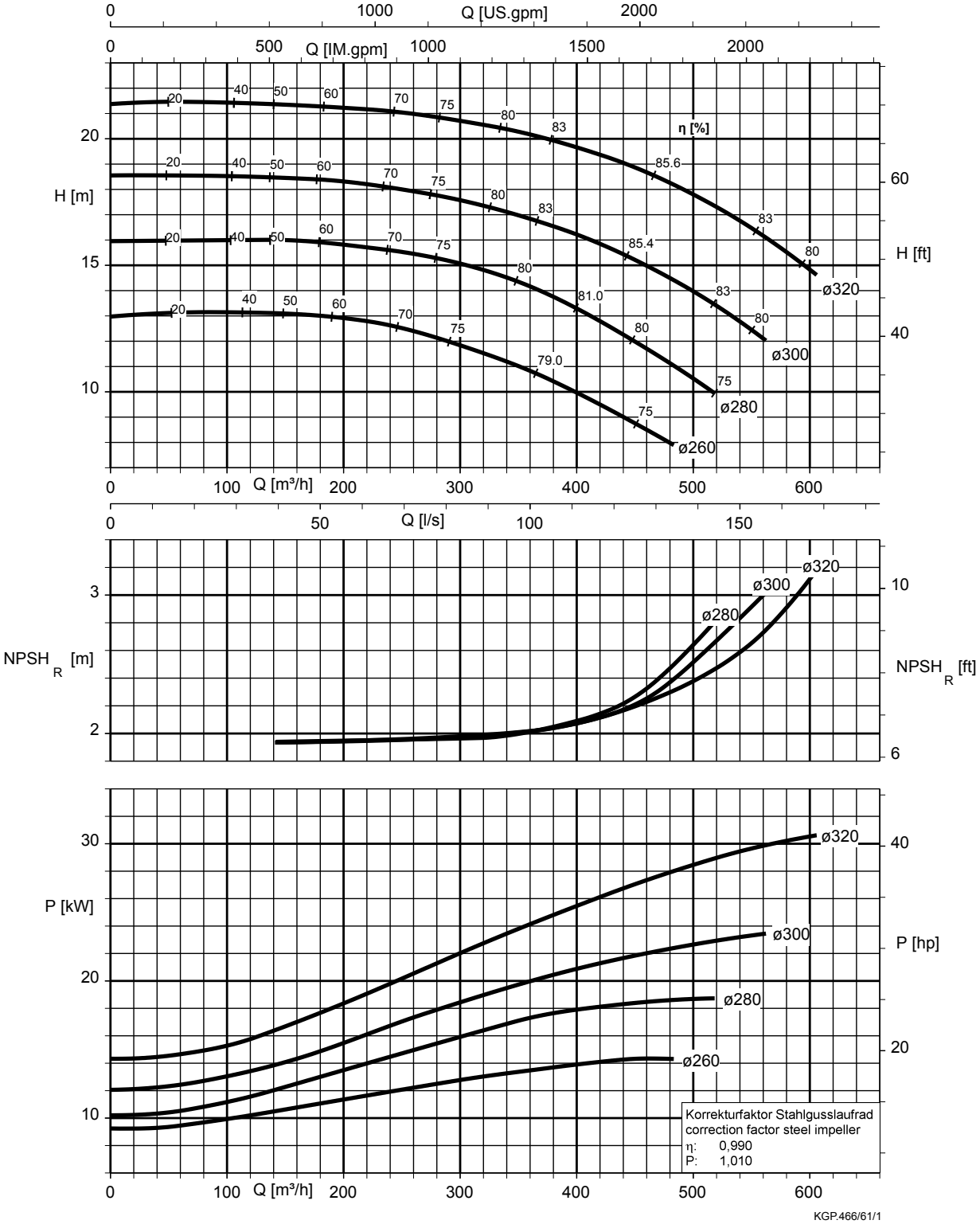
MegaCPK 200-200-250, n = 1160 r.p.m.

Meganorm, Megabloc



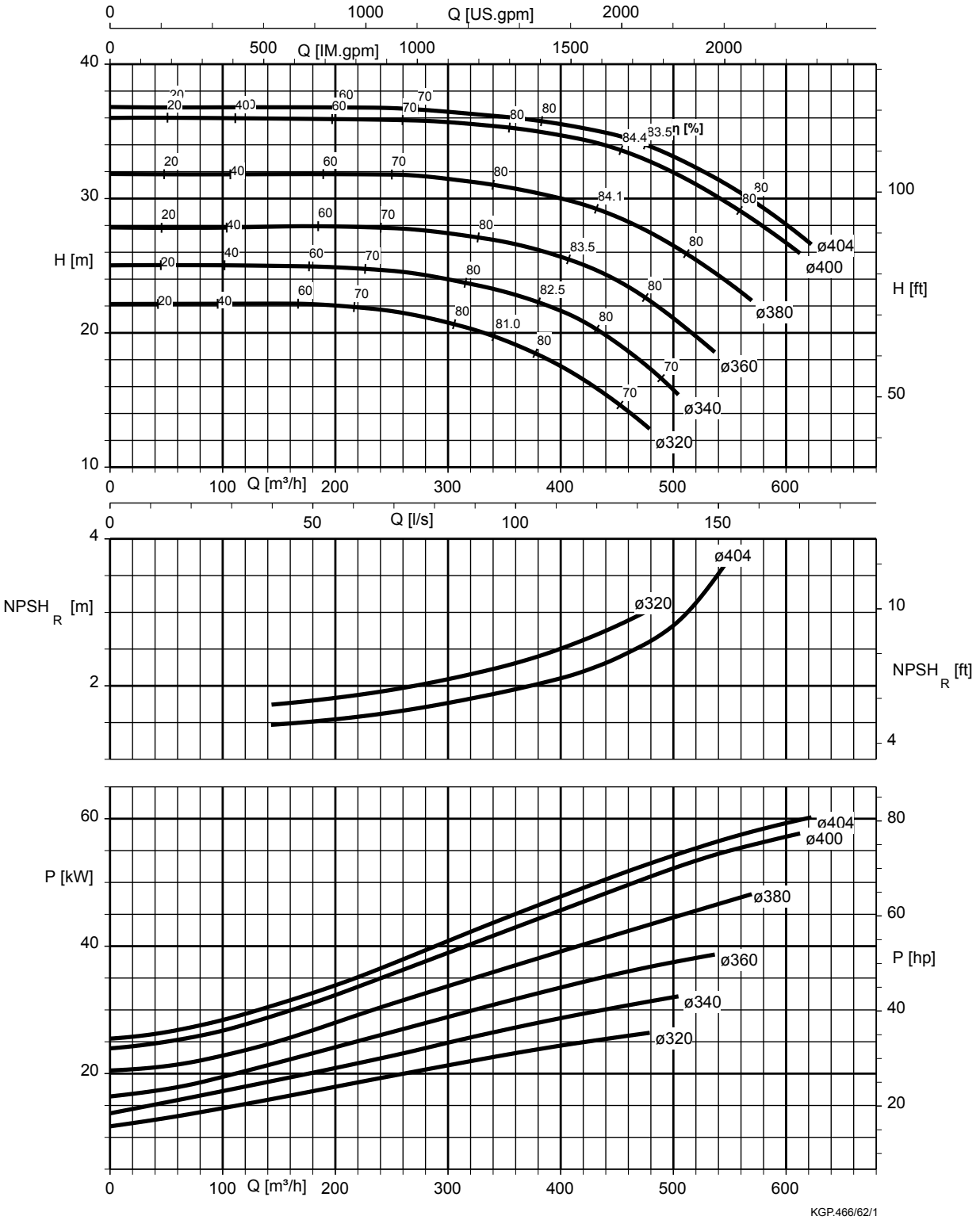
MegaCPK 250-200-315, n = 1160 r.p.m.

Meganorm, Megabloc



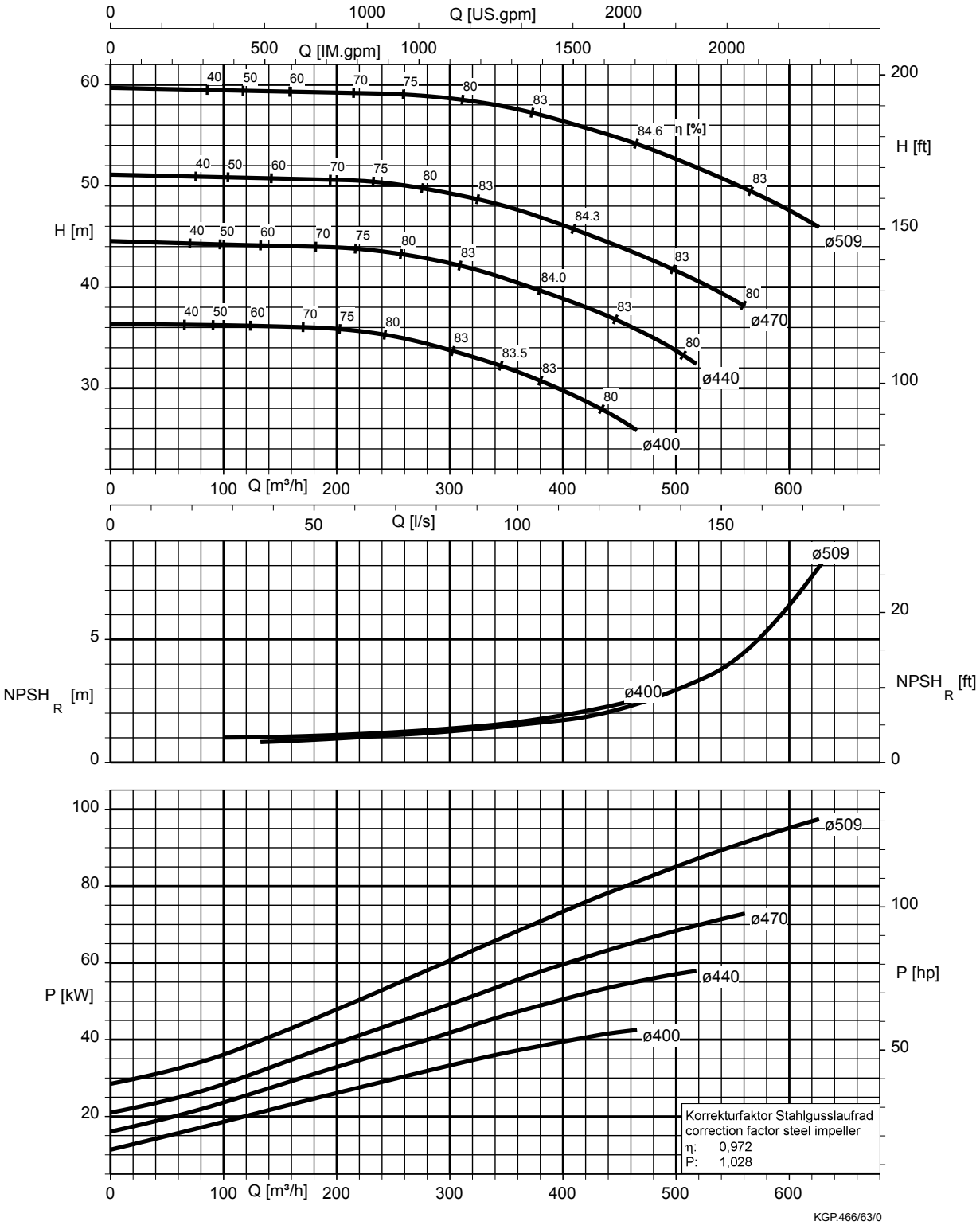
MegaCPK 250-200-400, n = 1160 r.p.m.

Meganorm, Megabloc



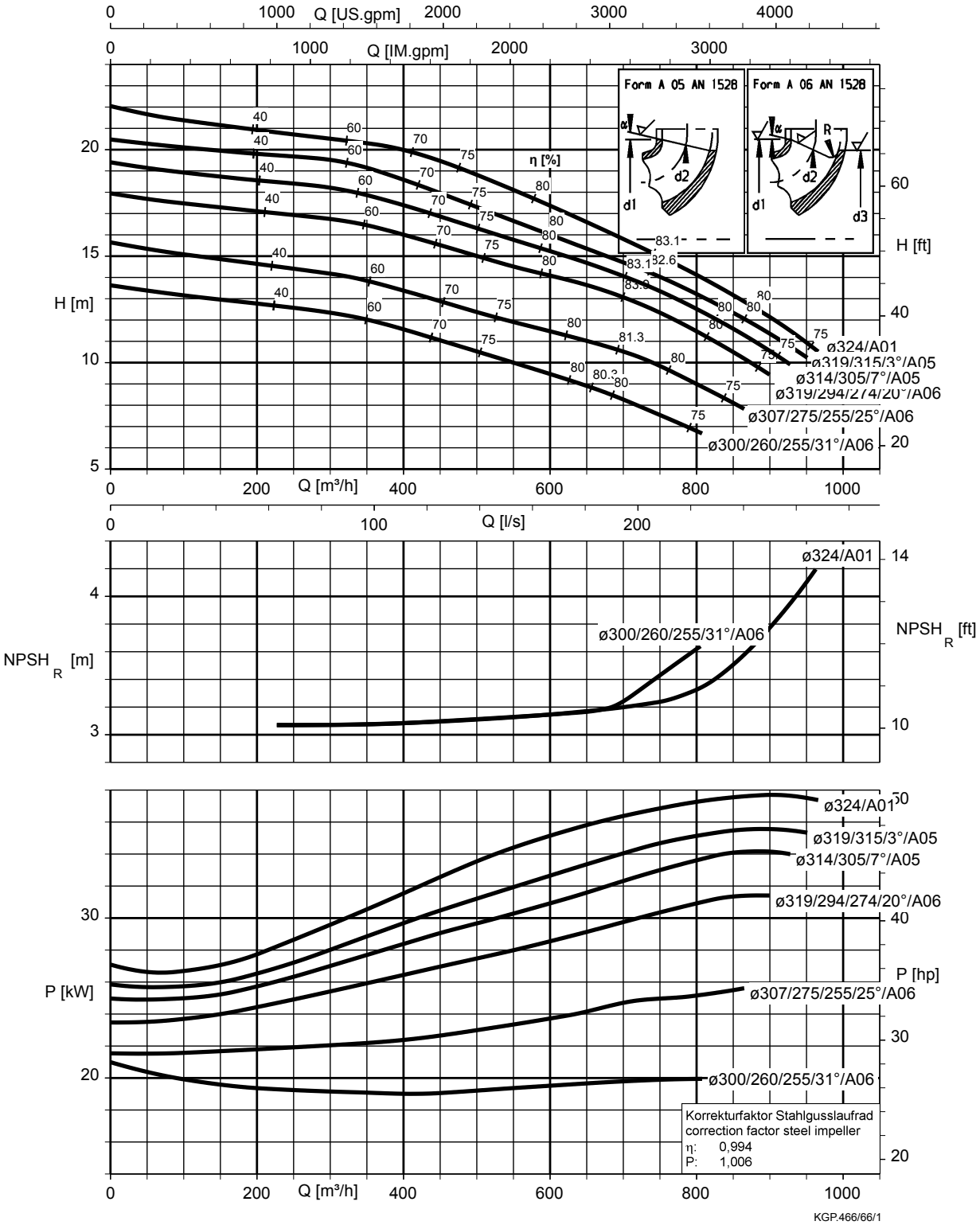
MegaCPK 250-200-500, n = 1160 r.p.m.

Meganorm, Megabloc



MegaCPK 300-250-315, n = 1160 r.p.m.

Meganorm, Megabloc



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