

50 Hz

HPK-L,
Magnochem, Magnochem-Bloc,
MegaCPK,
Meganorm, Megabloc

Characteristic Curves Booklet



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Characteristic Curves Booklet 50 Hz

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Centrifugal Pumps

Standardised Chemical Pumps

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



HPK-L



Magnochem



Magnochem-Bloc



MegaCPK



Meganorm



Megabloc

General

Acceptance grade:

characteristic curves to ISO 9906 Grade 2B

NPSH values

The NPSH values indicated in the characteristic curves correspond to a head drop of 3 %.

NPSH values in part-load conditions

NPSH values for flow rates below $Q = 0.3 \times Q_{BEP}$ can only be measured with intense technical efforts. Evidence of NPSH values in the part-load range cannot be provided.

Density of the fluid handled

The indicated heads and performance data apply to pumped fluids with a density $\rho = 1.0 \text{ kg/dm}^3$ and a kinematic viscosity of up to $20 \text{ mm}^2/\text{s}$ max. If the density $\neq 1.0$, the performance data must be multiplied by ρ . For a viscosity $> 20 \text{ mm}^2/\text{s}$ the corresponding data for cold water has to be calculated and the impact on the pump's performance has to be determined.

Friction loss

For some design variants (reinforced bearings, specific shaft seals) friction losses must be considered and indicated as additional power requirement in the data sheet.

Correction factors

The characteristic curves apply to pumps with cast iron or bronze impellers. When using an impeller made of cast steel materials the efficiency and pump power of the corresponding pump sizes have to be multiplied by the correction factors indicated in the characteristic curves.

Impeller trimming

Impellers of all diameters can be trimmed right down to the minimum diameter indicated.

Operating limits

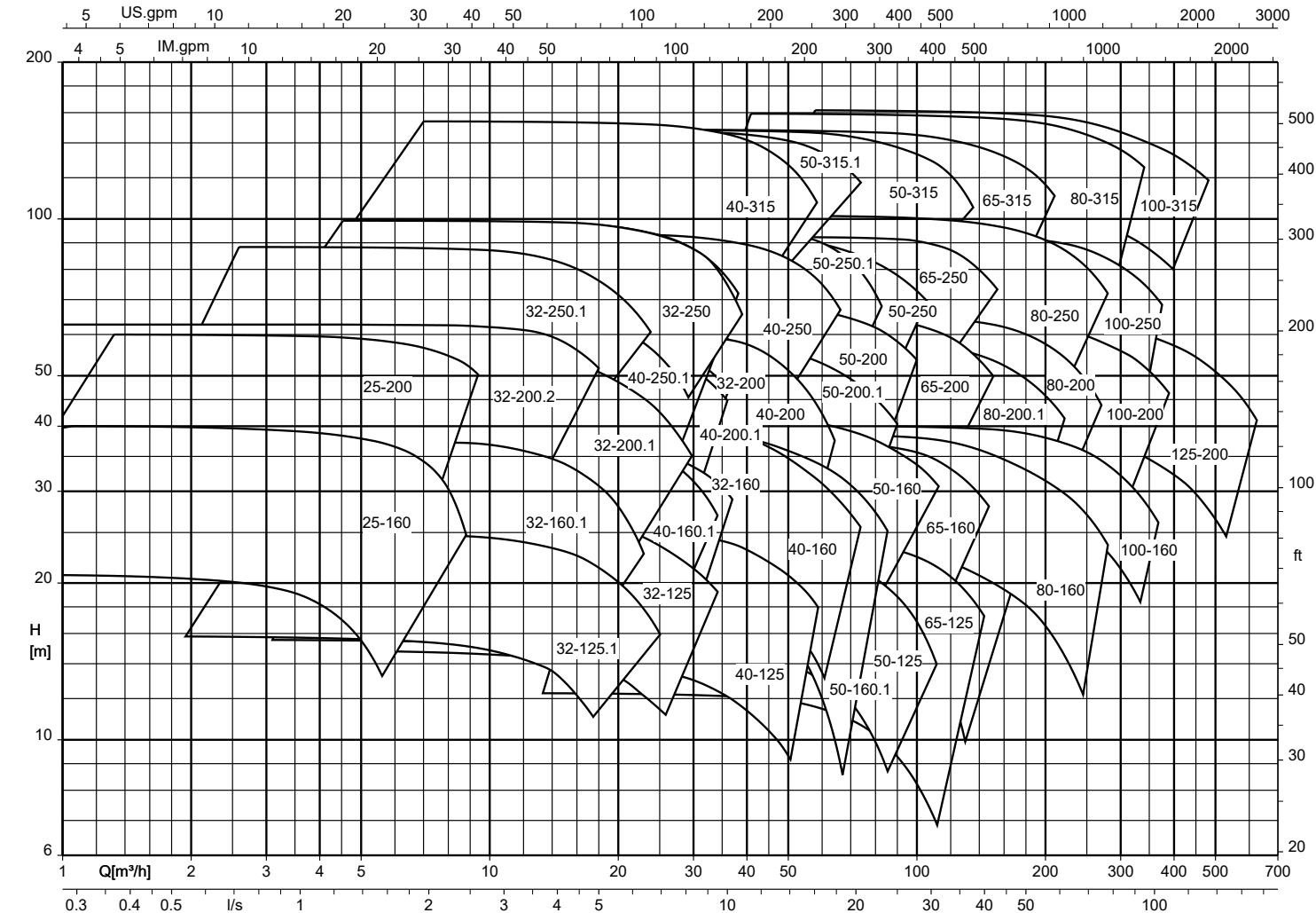
Observe the operating limits resulting from the specific materials or designs used.

A = Region Americas only
E = Region Europe only
O = Excl. Region Europe
W = All Regions
X = Europe and Asia North
Y = Europe and Asia North and Asia South
Z = Europe and Asia North and Americas

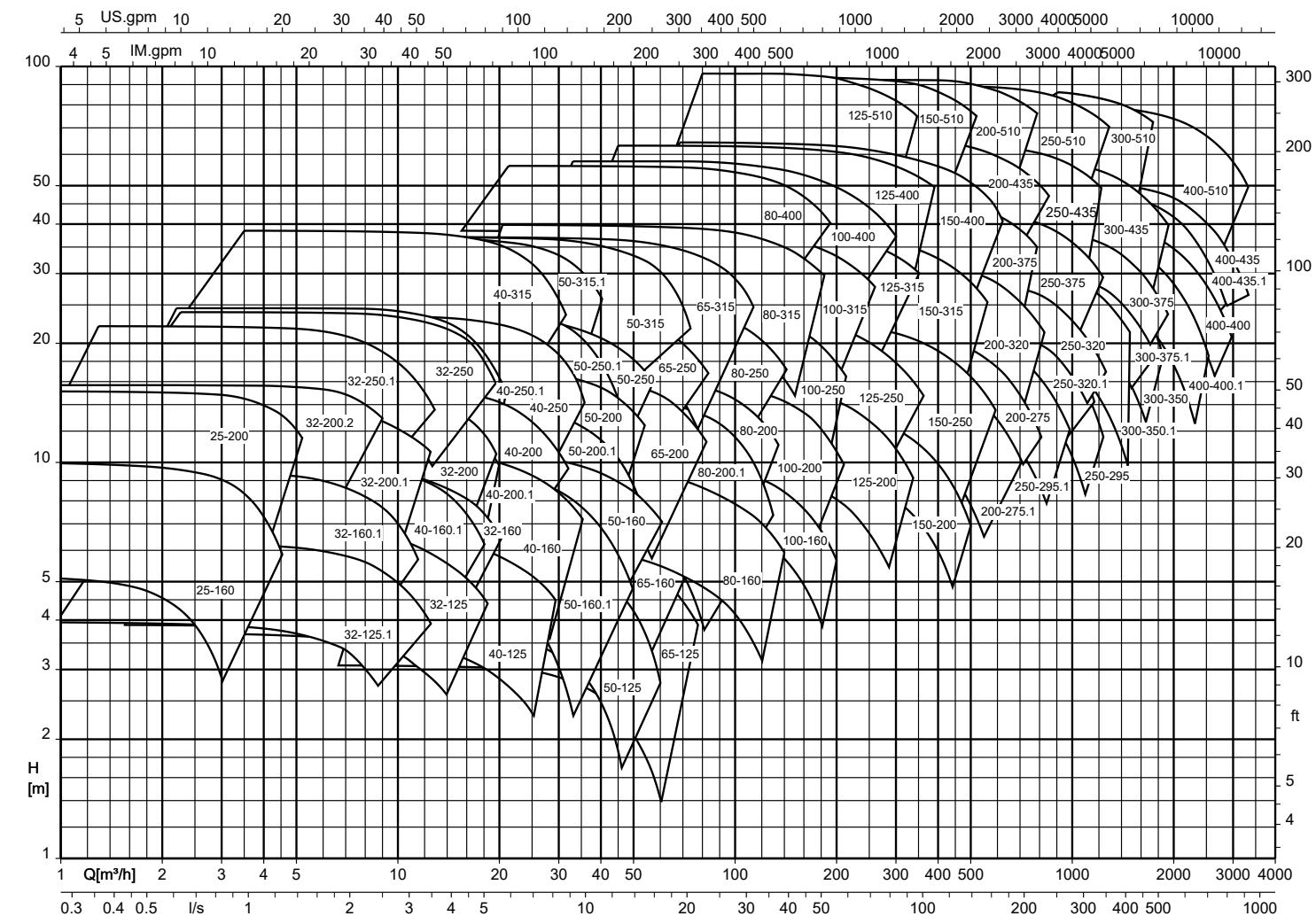
Size	Speed [rpm]																			
	2900						1450						960							
	HPK-L	Magnochem	Magnochem-Bloc	Meganorm	Megabloc	MegaCPK	HPK-L	Magnochem	Magnochem-Bloc	Meganorm	Megabloc	MegaCPK	HPK-L	Magnochem	Magnochem-Bloc	Meganorm	MegaCPK			
150-125-200	Y	Y	Y	A	-	W	(⇒ Page 55)	Y	Y	Y	A	A	W	(⇒ Page 100)	Y	Y	Y	A	W	(⇒ Page 184)
150-125-250	-	-	-	-	-	-	-	Y	Y	Y	A	A	W	(⇒ Page 101)	Y	Y	Y	A	W	(⇒ Page 185)
150-125-315	-	-	-	-	-	-	-	Y	Y	Y	A	-	W	(⇒ Page 102)	Y	Y	Y	A	W	(⇒ Page 186)
150-125-400	-	-	-	-	-	-	-	Y	Y	Y	A	-	W	(⇒ Page 103)	Y	Y	Y	A	W	(⇒ Page 187)
150-125-510	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 104)	-	-	-	E	(⇒ Page 188)	
200-150-200	-	-	-	-	-	-	-	Y	Y	Y	A	A	W	(⇒ Page 105)	Y	Y	Y	A	W	(⇒ Page 189)
200-150-250	-	-	-	-	-	-	-	Y	Y	Y	A	A	W	(⇒ Page 106)	Y	Y	Y	A	W	(⇒ Page 190)
200-150-315	-	-	-	-	-	-	-	Y	Y	-	A	-	W	(⇒ Page 107)	Y	Y	-	A	W	(⇒ Page 191)
200-150-400	-	-	-	-	-	-	-	Y	Y	-	A	-	W	(⇒ Page 108)	Y	Y	-	A	W	(⇒ Page 192)
200-150-500	-	-	-	-	-	-	-	Y	Y	-	A	-	O	(⇒ Page 109)	Y	Y	-	A	O	(⇒ Page 193)
200-150-510	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 110)	-	-	-	E	(⇒ Page 194)	
200-200-250	-	-	-	-	-	-	-	Y	Y	-	A	-	-	(⇒ Page 111)	Y	Y	-	A	O	(⇒ Page 195)
250-200-275	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 112)	-	-	-	E	(⇒ Page 196)	
250-200-275.1	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 113)	-	-	-	E	(⇒ Page 197)	
250-200-315	-	-	-	-	-	-	-	Y	Y	-	A	-	O	(⇒ Page 114)	Y	Y	-	A	O	(⇒ Page 198)
250-200-320	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 115)	-	-	-	E	(⇒ Page 199)	
250-200-375	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 116)	-	-	-	E	(⇒ Page 200)	
250-200-400	-	-	-	-	-	-	-	Y	Y	-	A	-	O	(⇒ Page 117)	Y	Y	-	A	O	(⇒ Page 201)
250-200-435	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 118)	-	-	-	E	(⇒ Page 202)	
250-200-500	-	-	-	-	-	-	-	Y	Y	-	A	-	O	(⇒ Page 119)	Y	Y	-	A	O	(⇒ Page 203)
250-200-510	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 120)	-	-	-	E	(⇒ Page 204)	
300-250-295	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 121)	-	-	-	E	(⇒ Page 205)	
300-250-295.1	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 122)	-	-	-	E	(⇒ Page 206)	
300-250-315	-	-	-	-	-	-	-	Y	Y	-	A	-	O	(⇒ Page 123)	Y	Y	-	A	O	(⇒ Page 207)
300-250-320	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 124)	-	-	-	E	(⇒ Page 208)	
300-250-320.1	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 125)	-	-	-	E	(⇒ Page 209)	
300-250-375	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 126)	-	-	-	E	(⇒ Page 210)	
300-250-435	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 127)	-	-	-	E	(⇒ Page 211)	
300-250-510	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 128)	-	-	-	E	(⇒ Page 212)	
350-300-350	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 129)	-	-	-	E	(⇒ Page 213)	
350-300-350.1	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 130)	-	-	-	E	(⇒ Page 214)	
350-300-375	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 131)	-	-	-	E	(⇒ Page 215)	
350-300-375.1	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 132)	-	-	-	E	(⇒ Page 216)	
350-300-435	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 133)	-	-	-	E	(⇒ Page 217)	
350-300-510	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 134)	-	-	-	E	(⇒ Page 218)	
400-400-400	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 135)	-	-	-	E	(⇒ Page 219)	
400-400-400.1	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 136)	-	-	-	E	(⇒ Page 220)	
400-400-435	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 137)	-	-	-	E	(⇒ Page 221)	
400-400-435.1	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 138)	-	-	-	E	(⇒ Page 222)	
400-400-510	-	-	-	-	-	-	-	-	-	-	-	-	E	(⇒ Page 139)	-	-	-	E	(⇒ Page 223)	

Selection charts

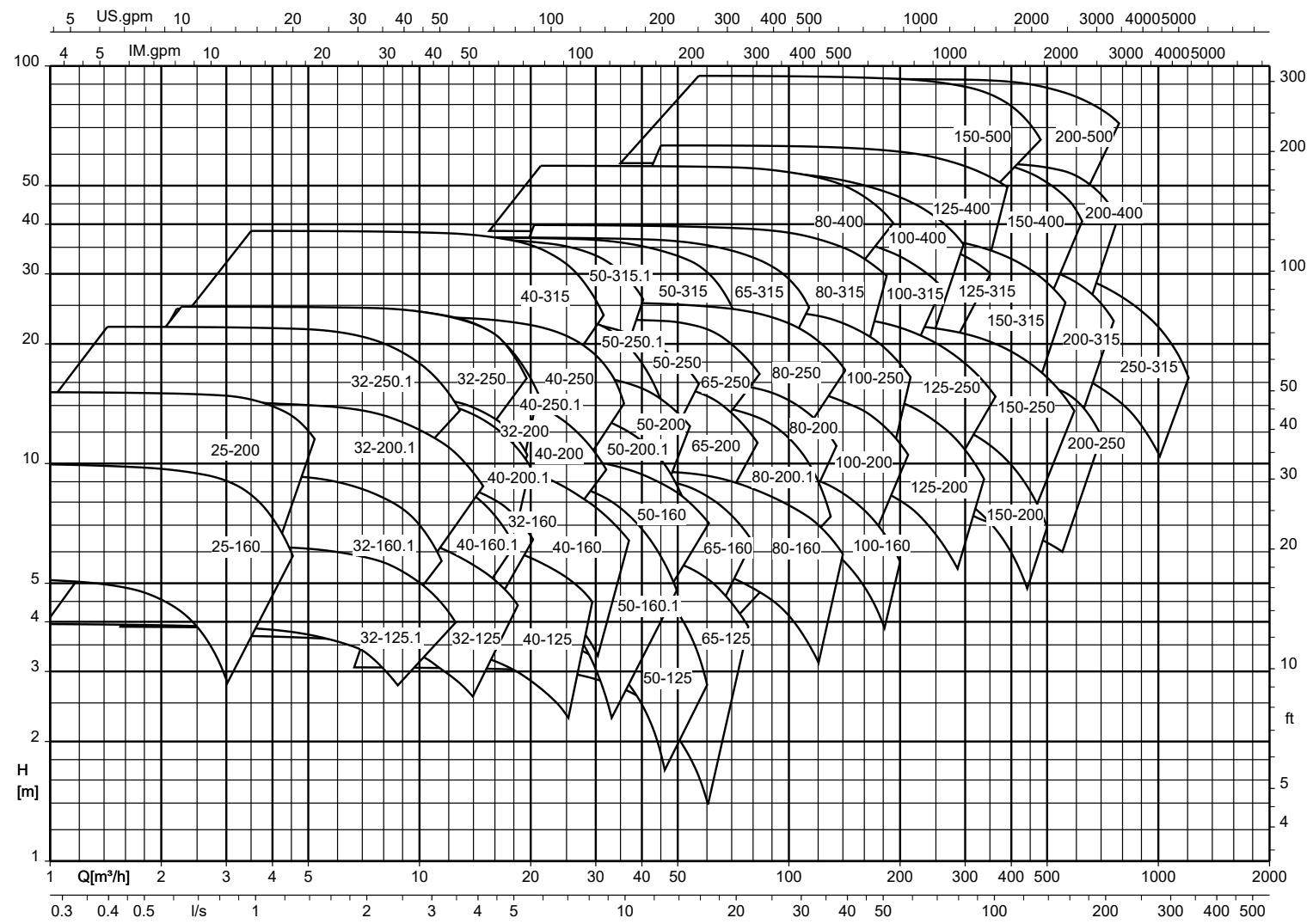
Sizes available per type series see (⇒ Page 5).



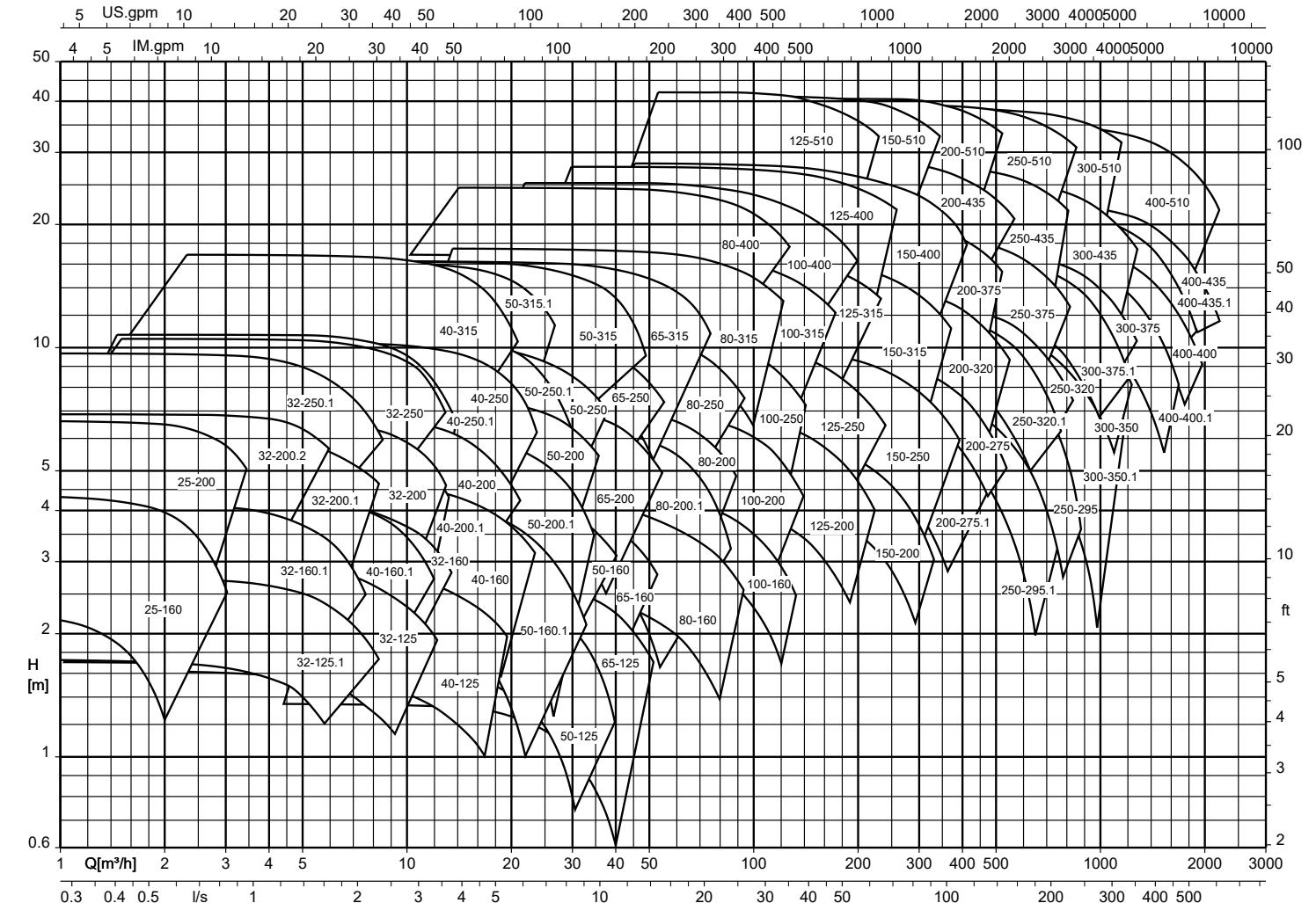
MegaCPK, n = 1450 rpm (Europe)



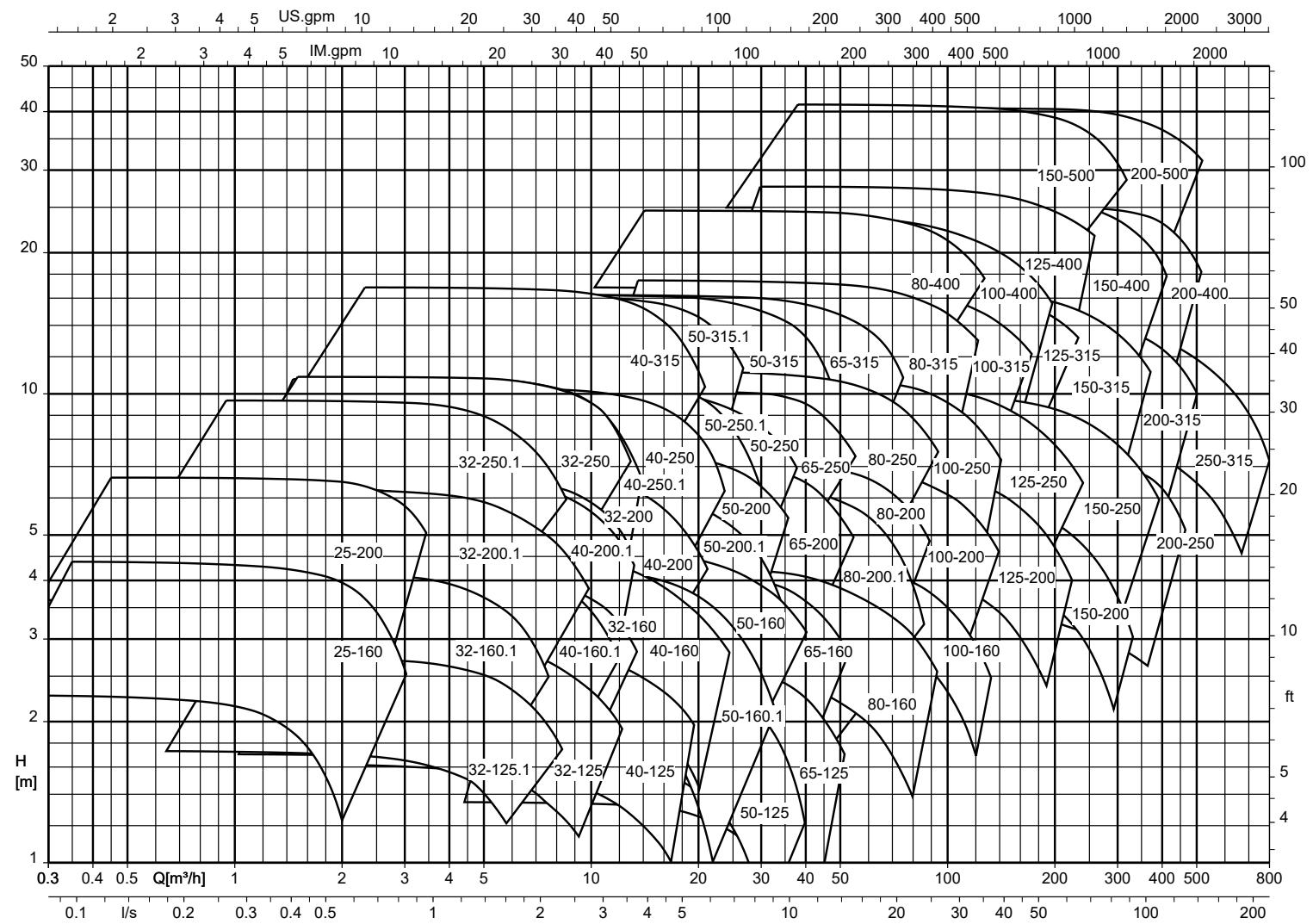
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc, n = 1450 rpm



MegaCPK, n = 960 rpm (Europe)



HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, n = 960 rpm

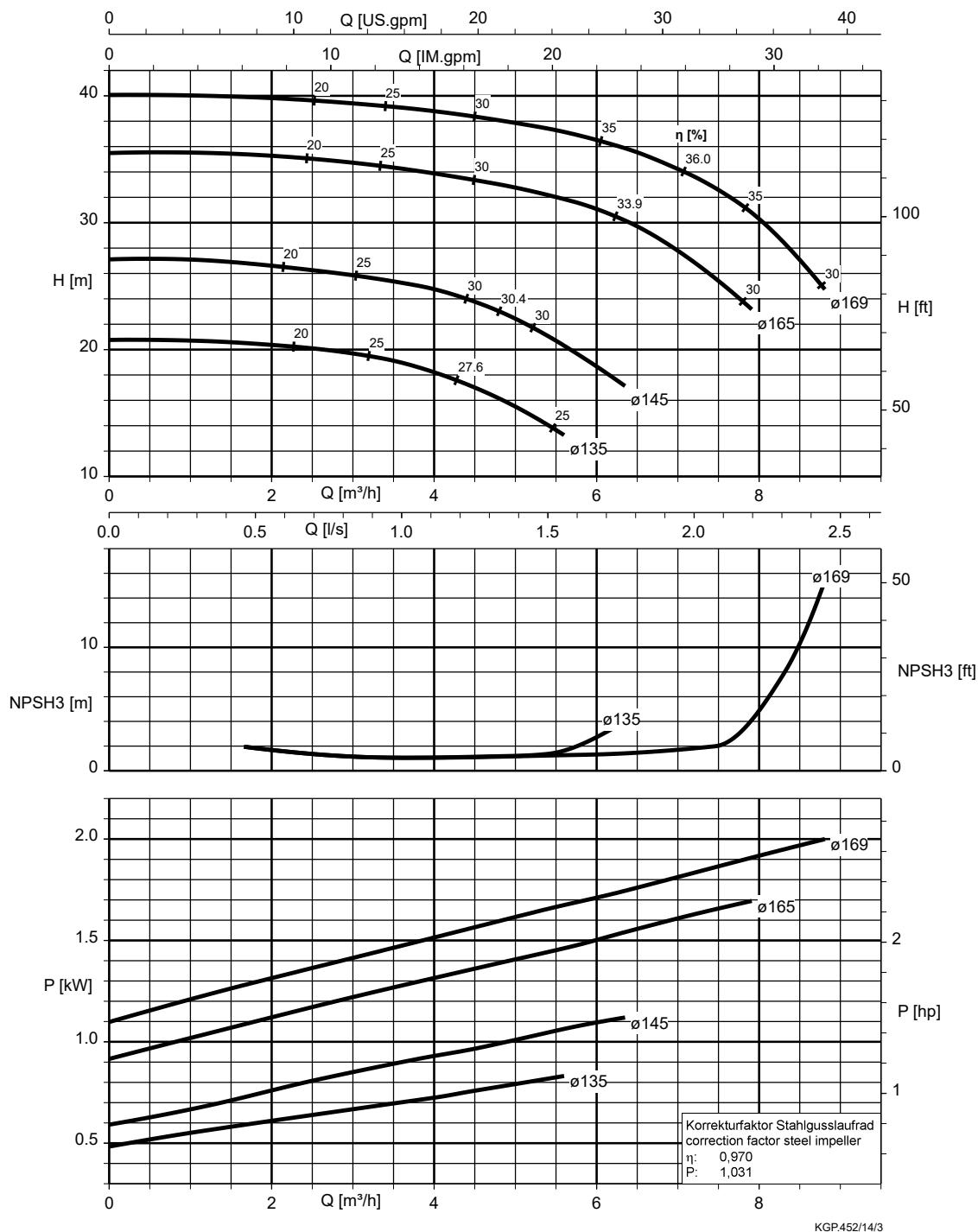


Characteristic curves

n = 2900 rpm

040-025-160, n = 2900 rpm

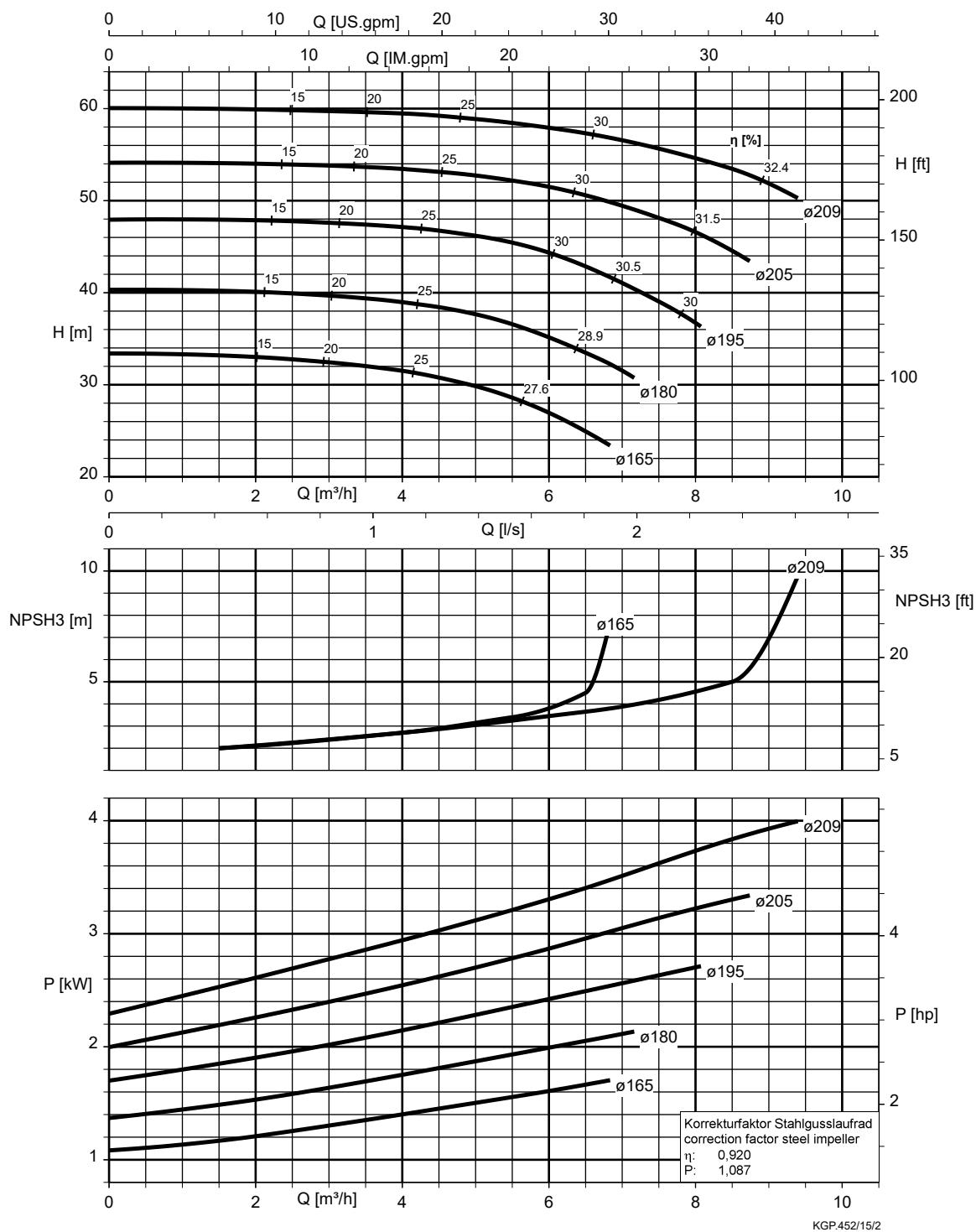
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP 452/14/3

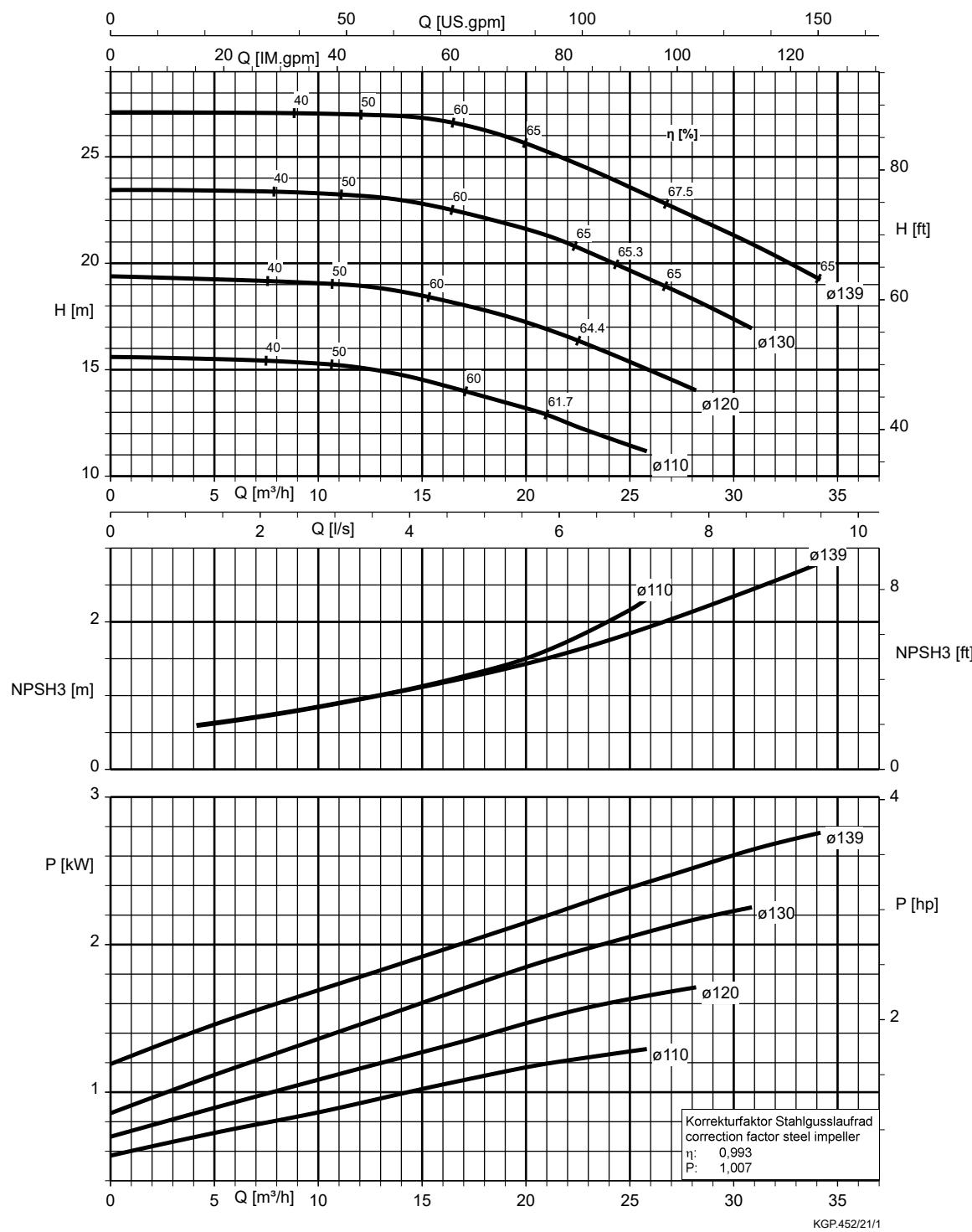
040-025-200, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



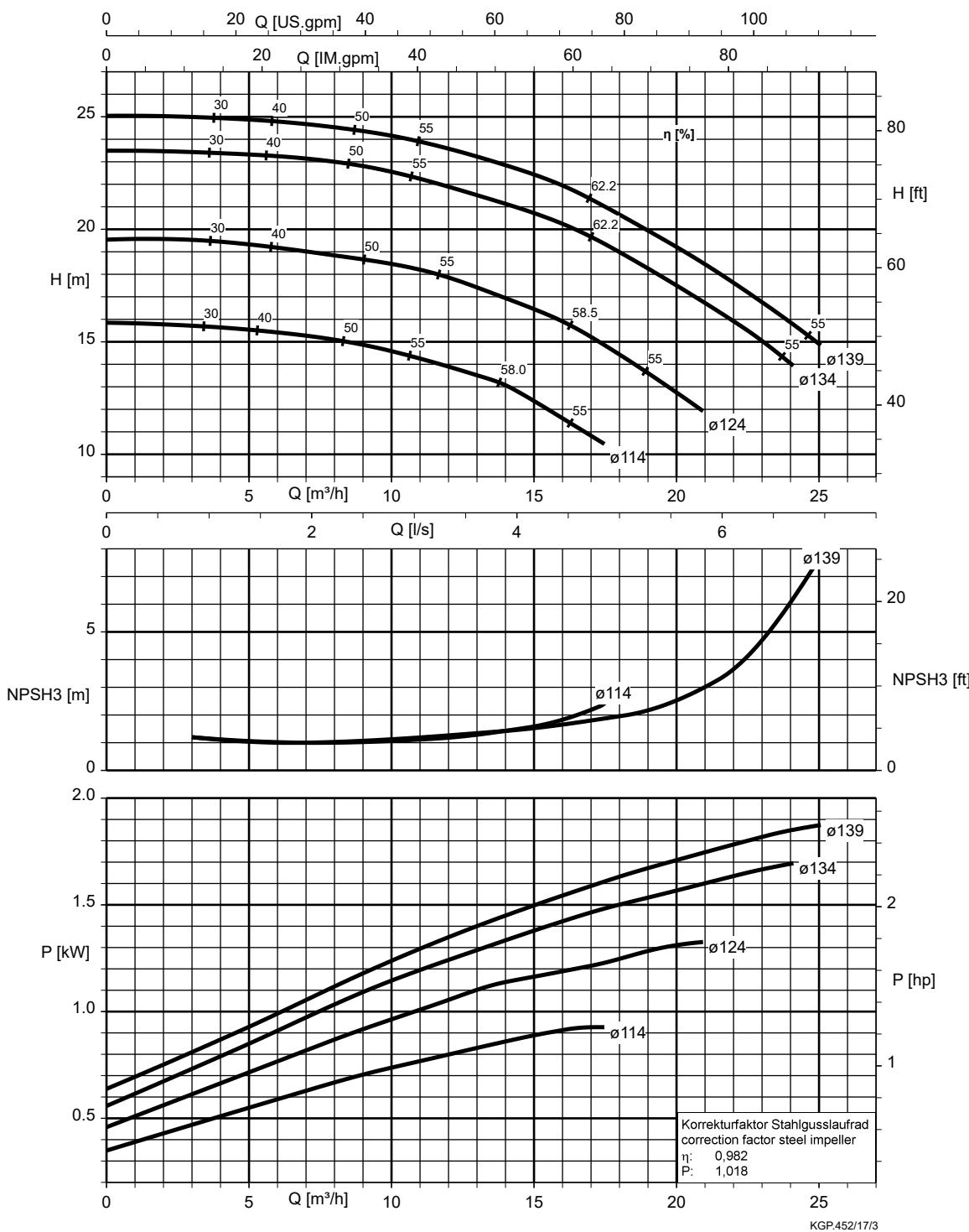
050-032-125, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



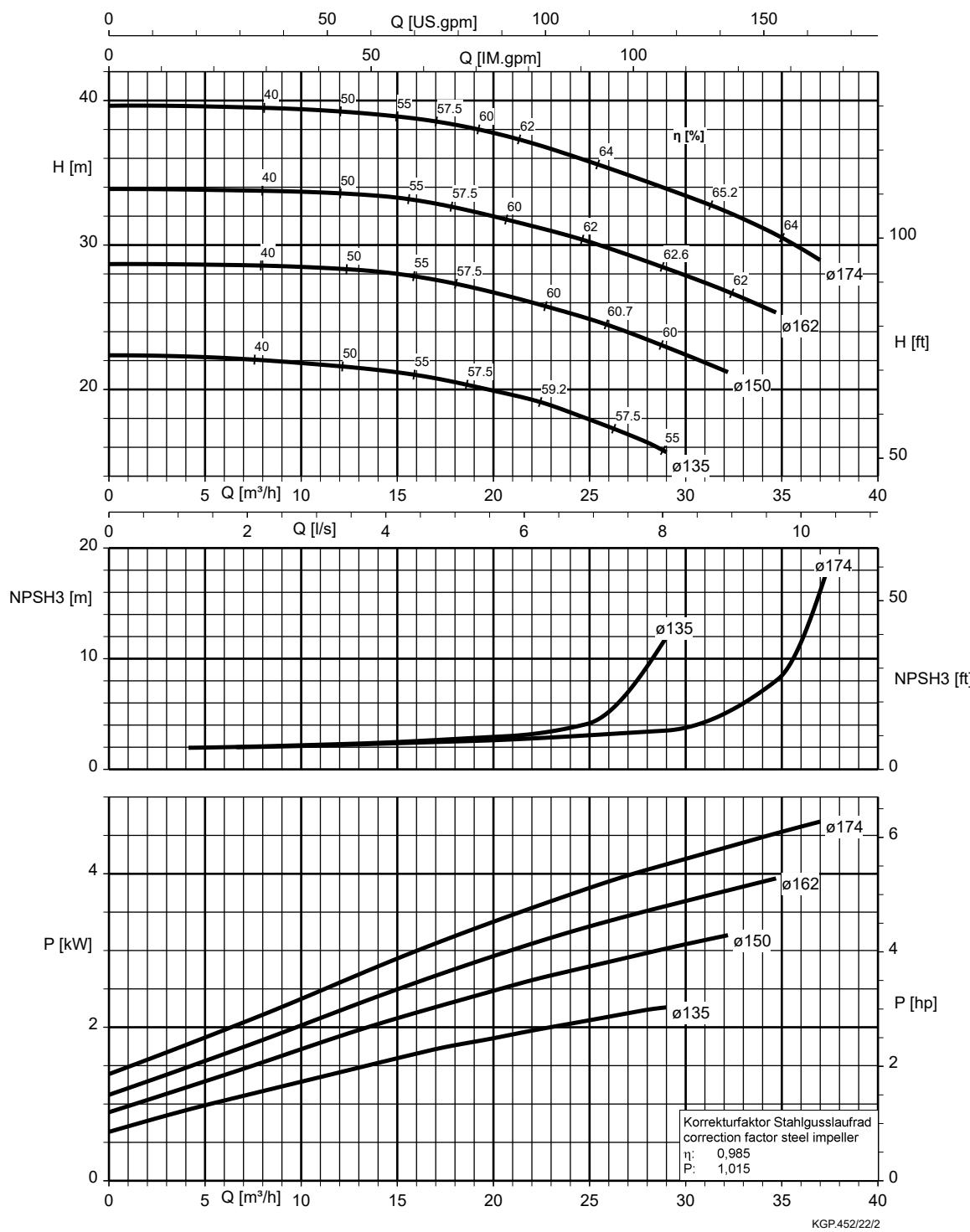
050-032-125.1, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



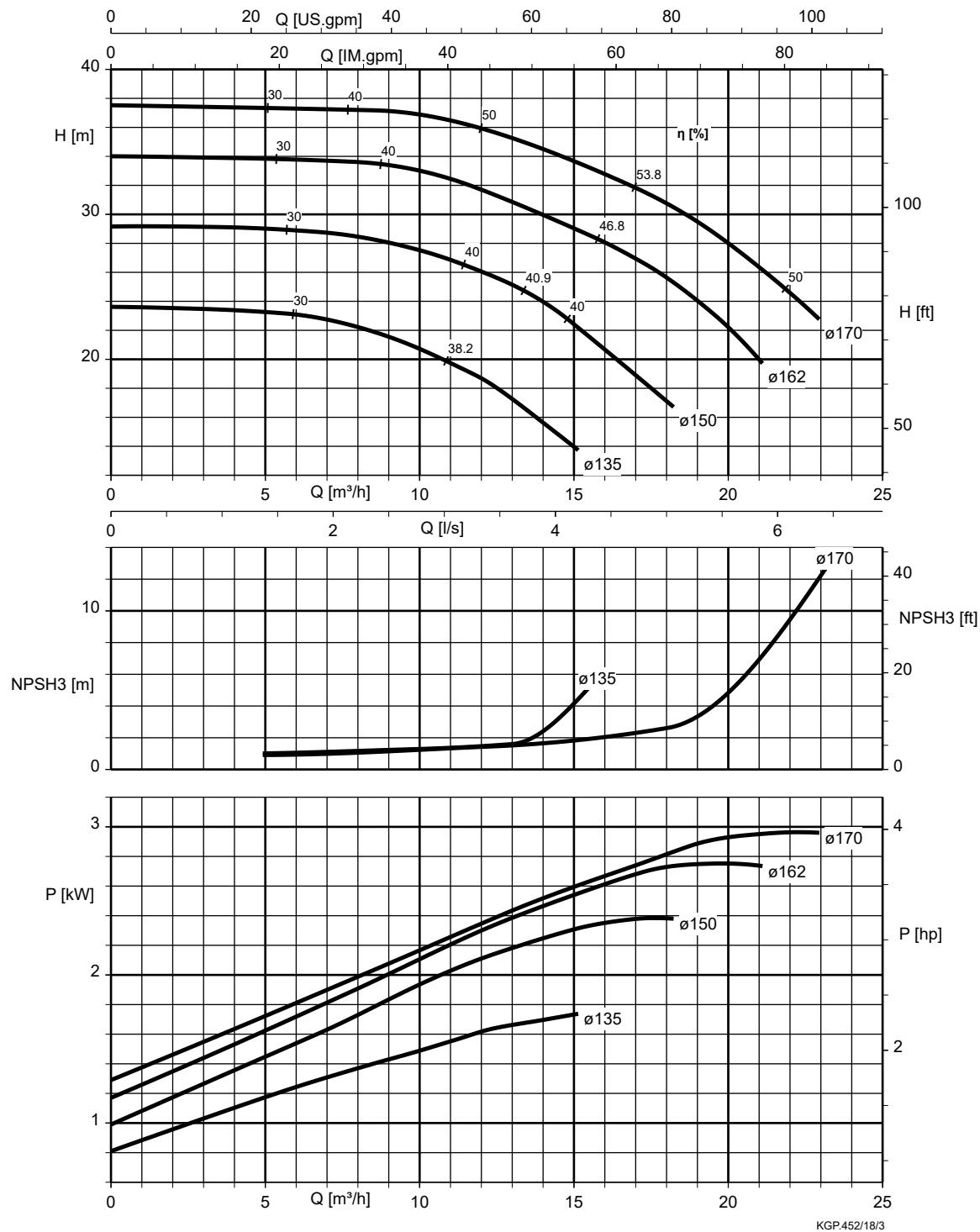
050-032-160, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



050-032-160.1, n = 2900 rpm

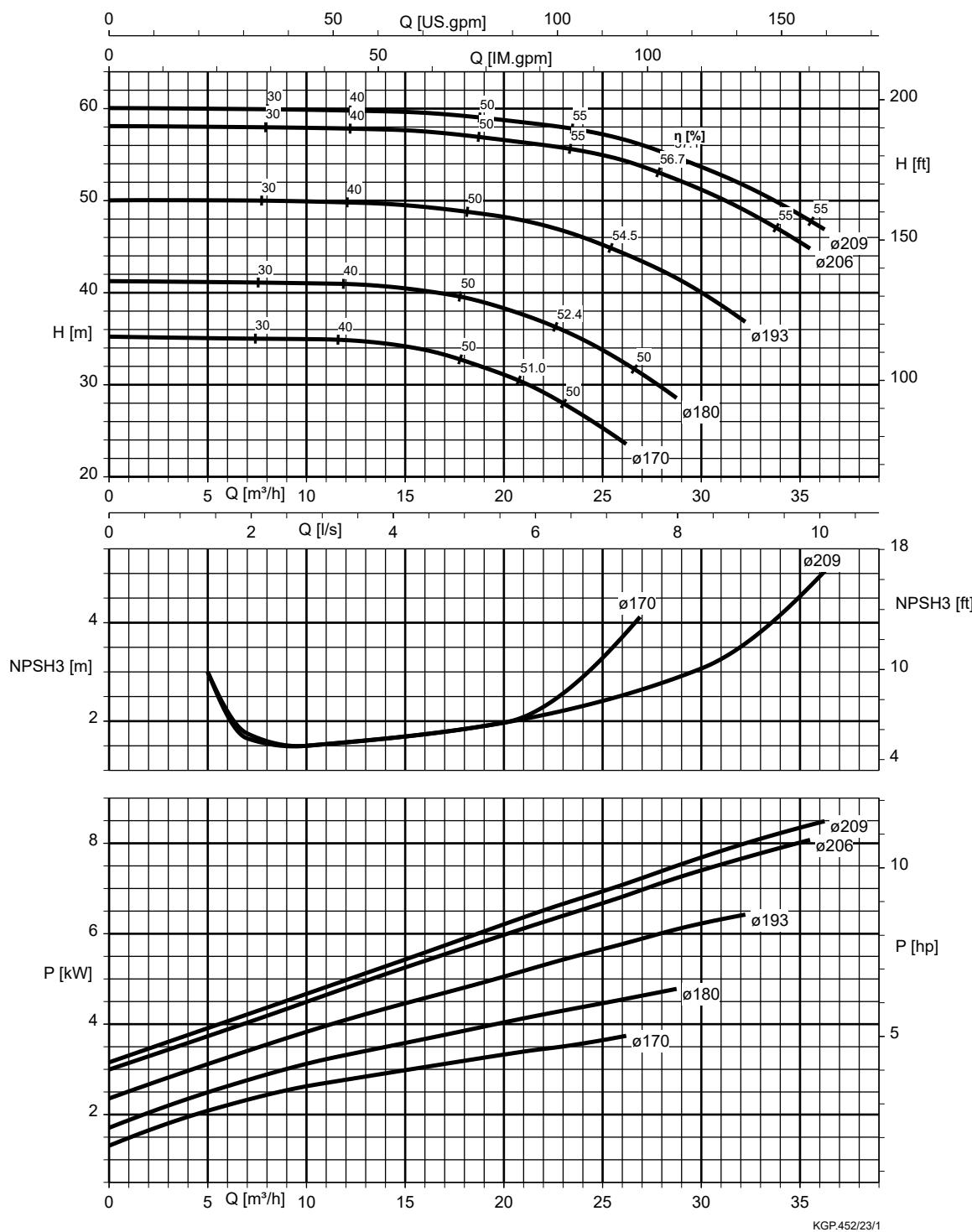
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.452/18/3

050-032-200, n = 2900 rpm

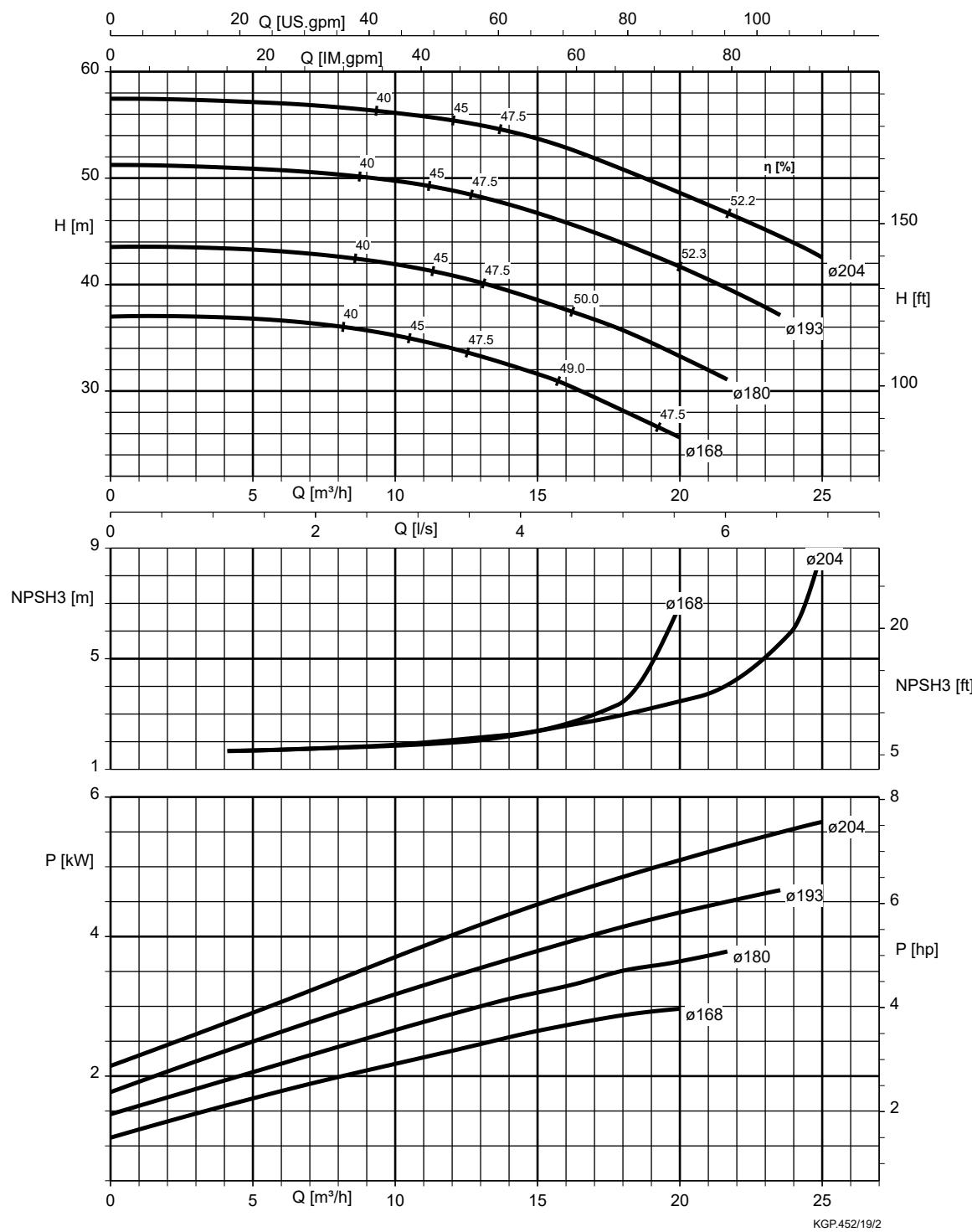
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.452/23/1

050-032-200.1, n = 2900 rpm

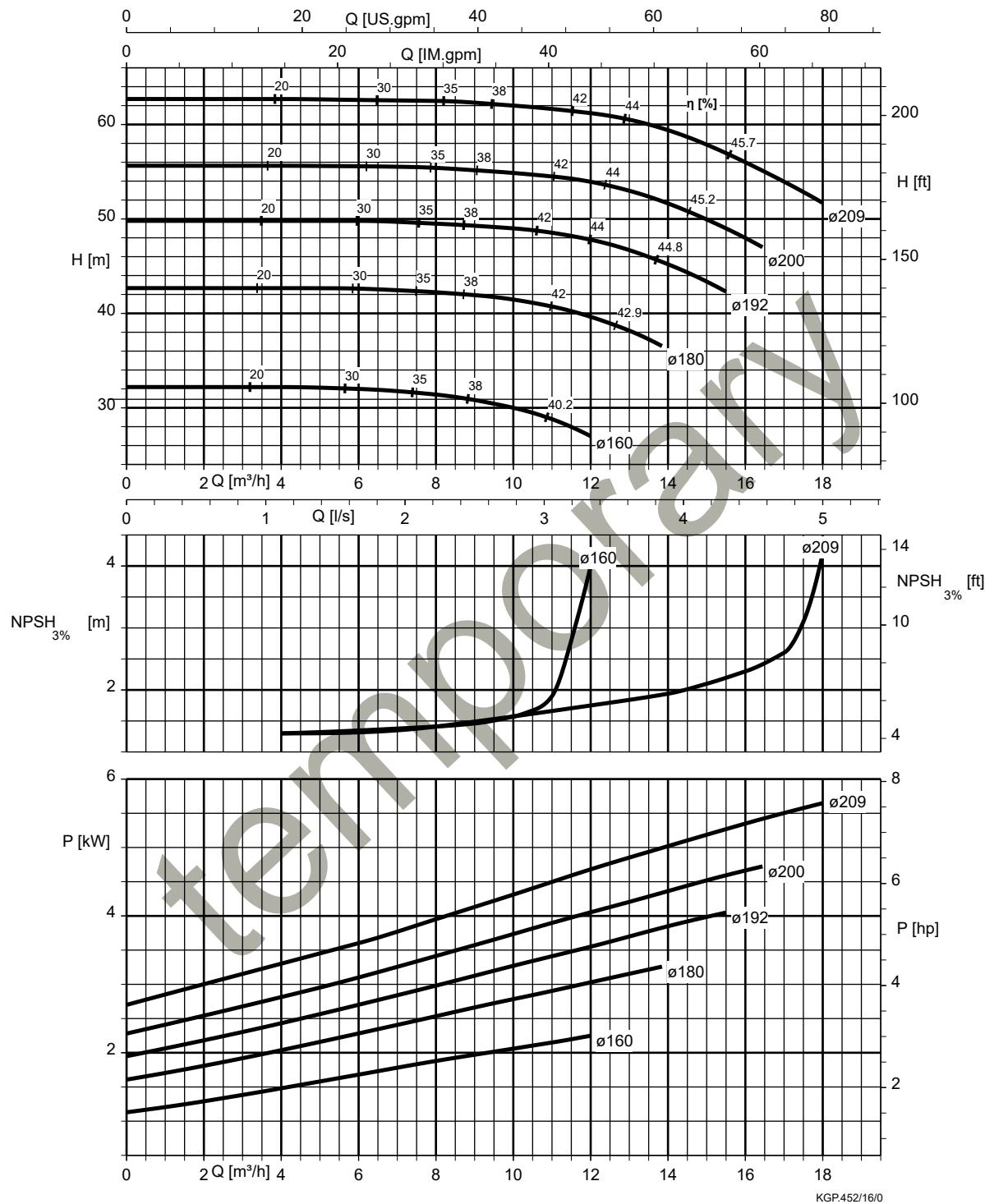
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.452/19/2

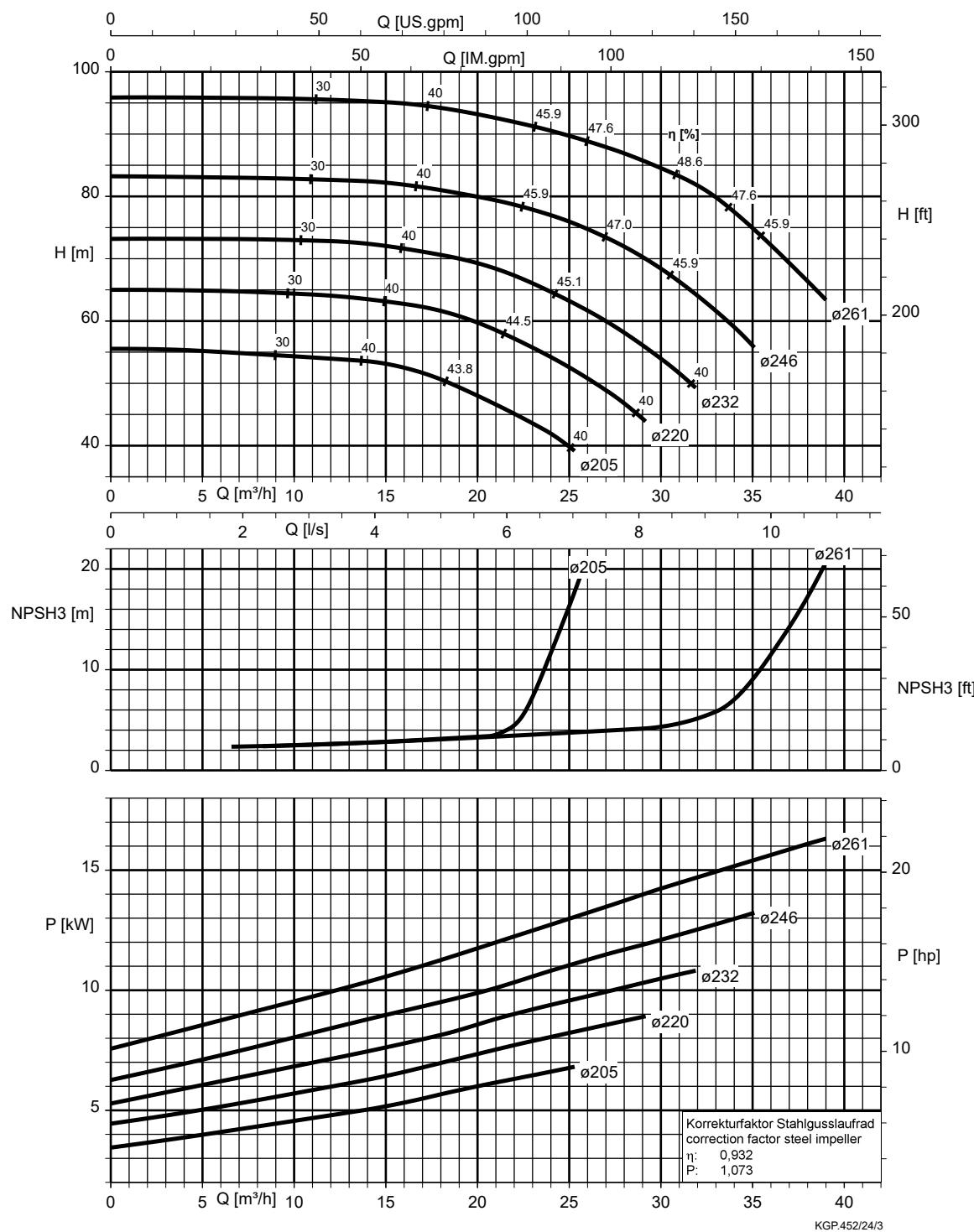
050-032-200.2, n = 2900 rpm

Magnochem, Magnochem-Bloc, MegaCPK



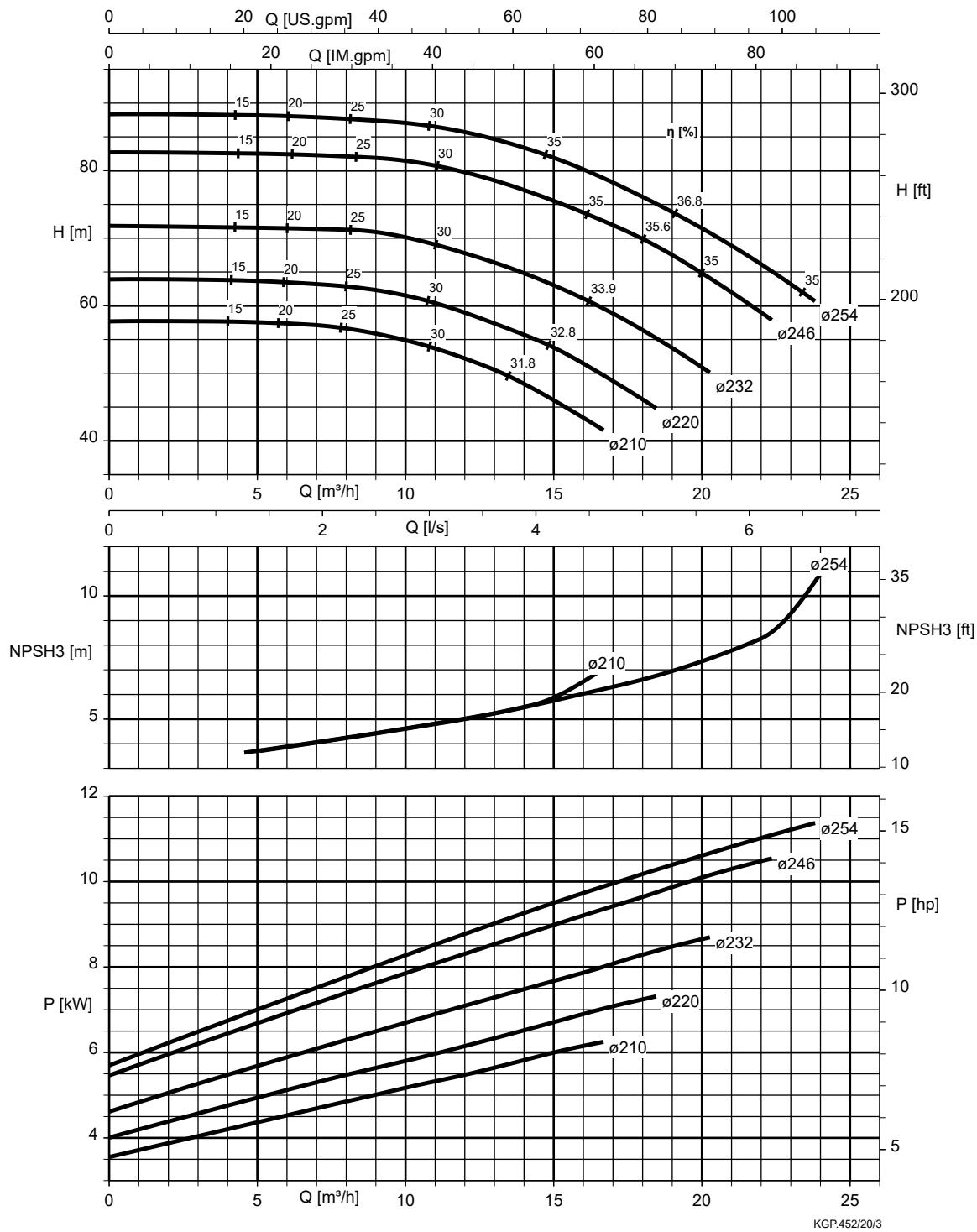
050-032-250, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



050-032-250.1, n = 2900 rpm

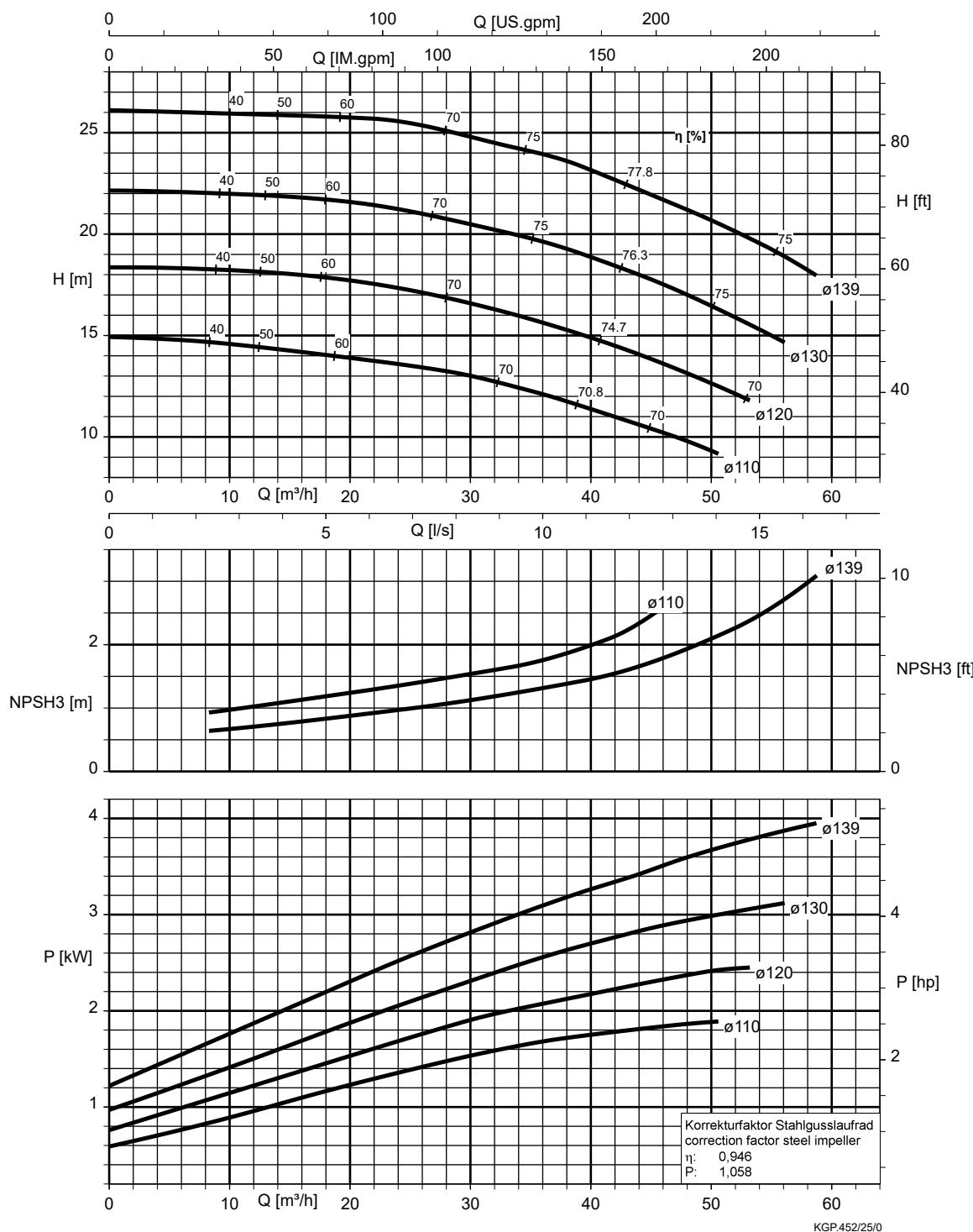
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.452/20/3

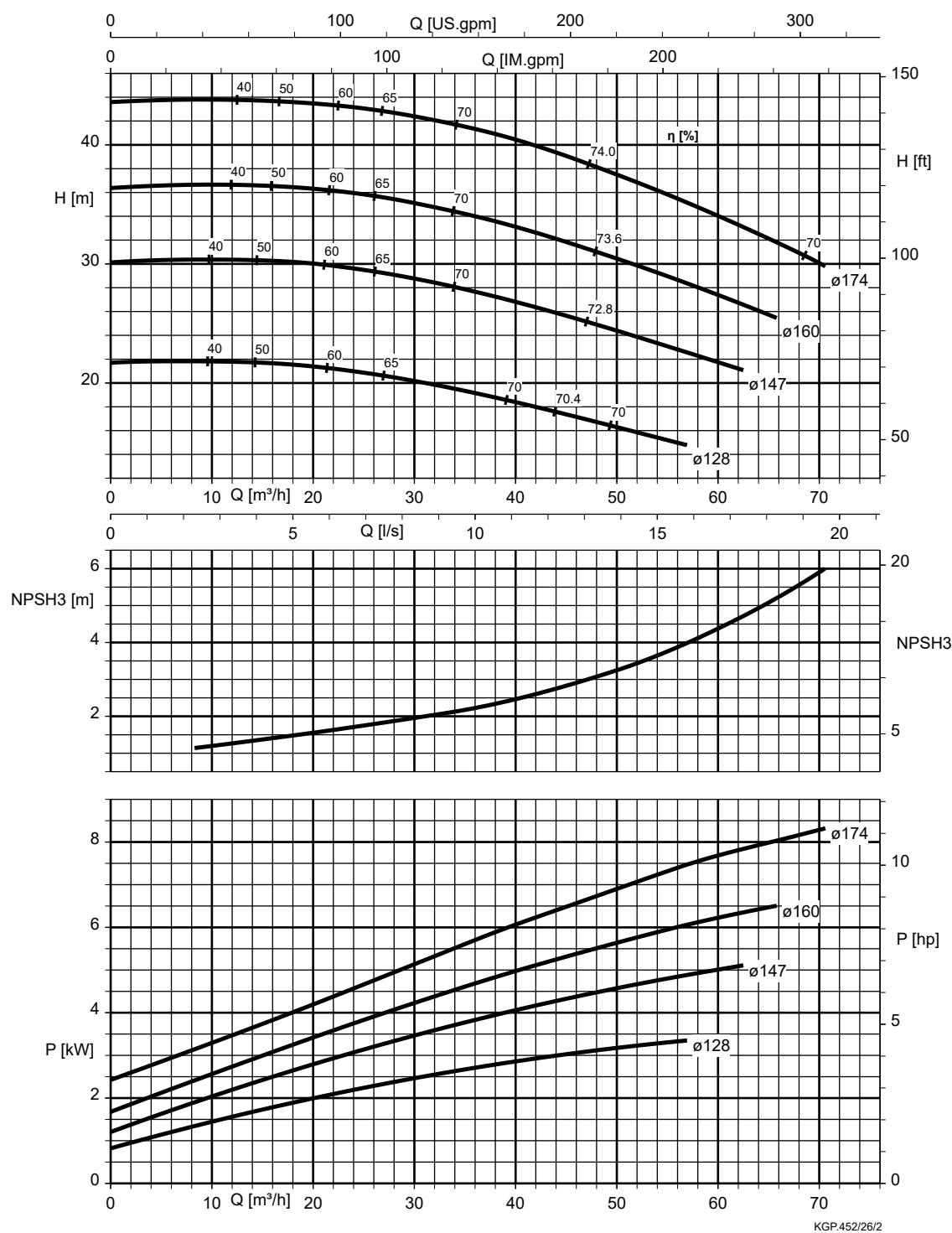
065-040-125, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



065-040-160, n = 2900 rpm

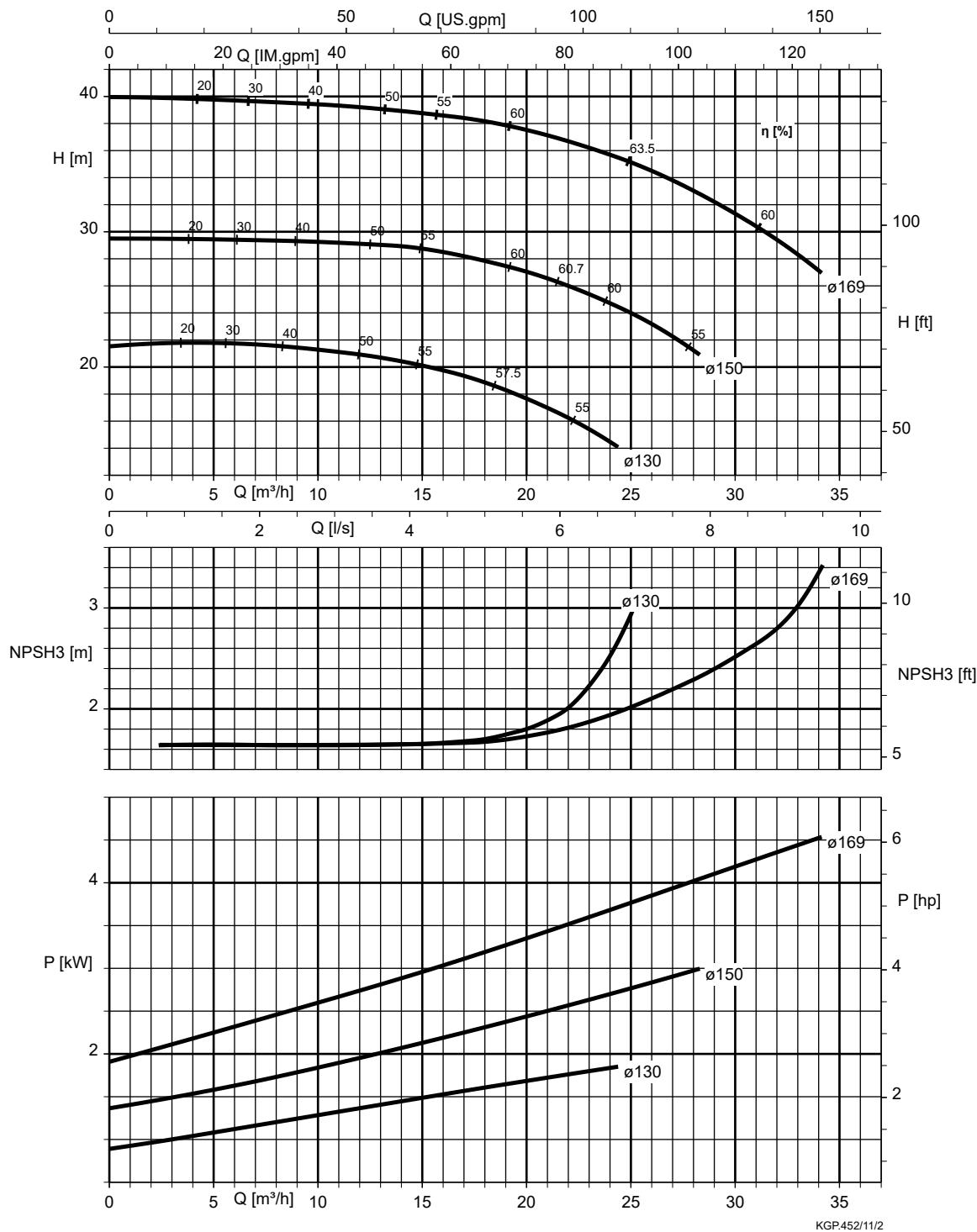
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.452/26/2

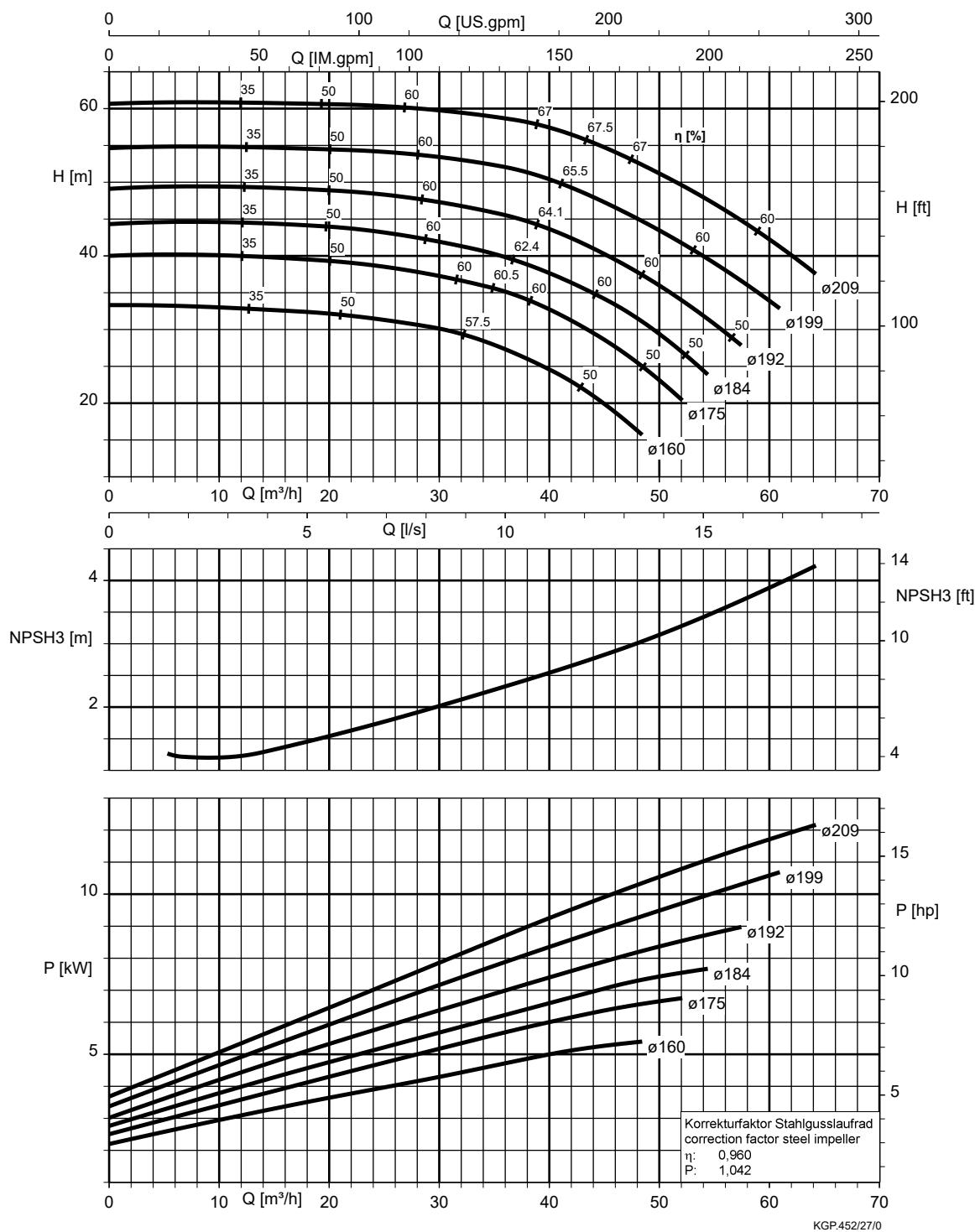
065-040-160.1, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK



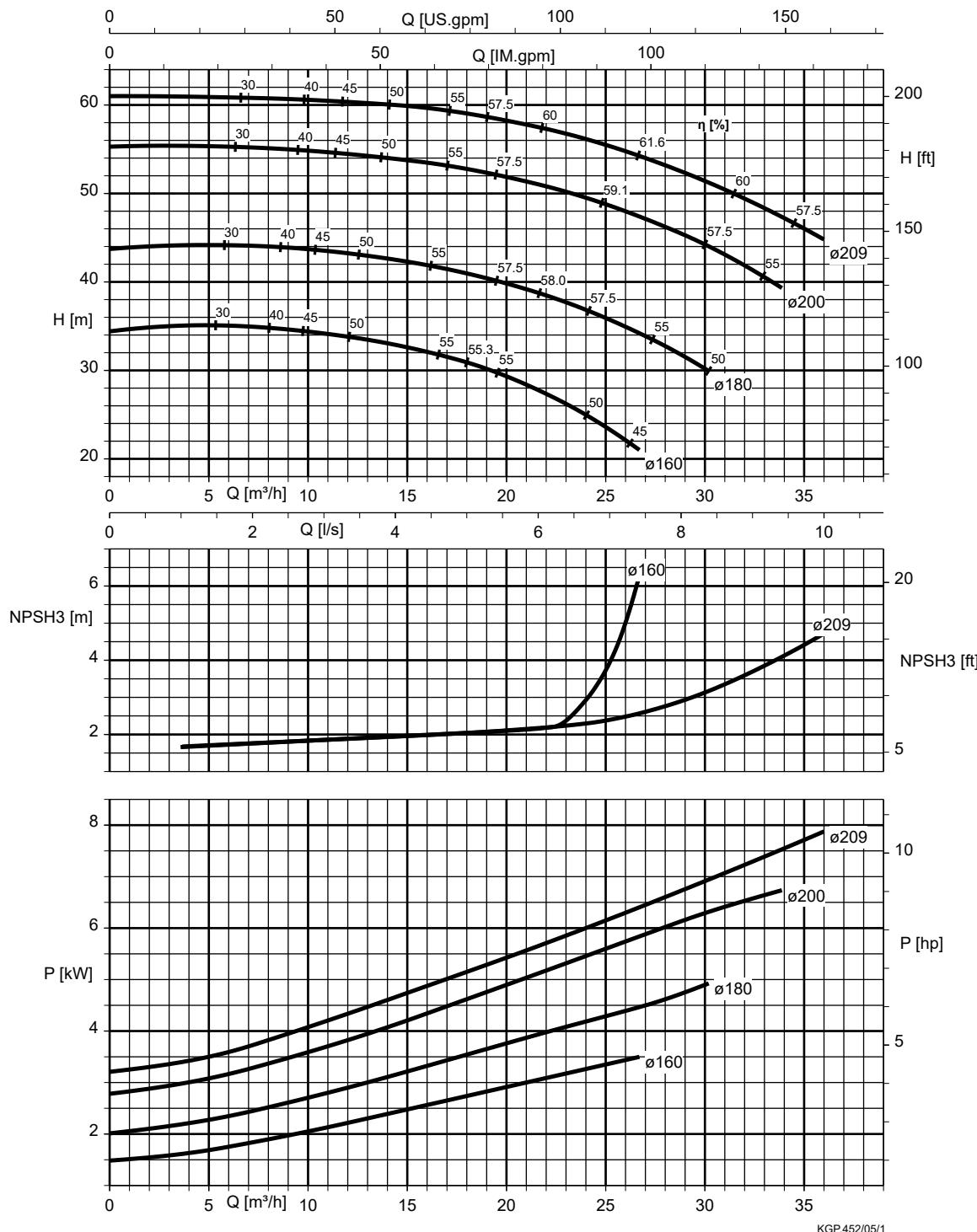
065-040-200, $n = 2900$ rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



065-040-200.1, n = 2900 rpm

Magnochem, Magnochem-Bloc, MegaCPK

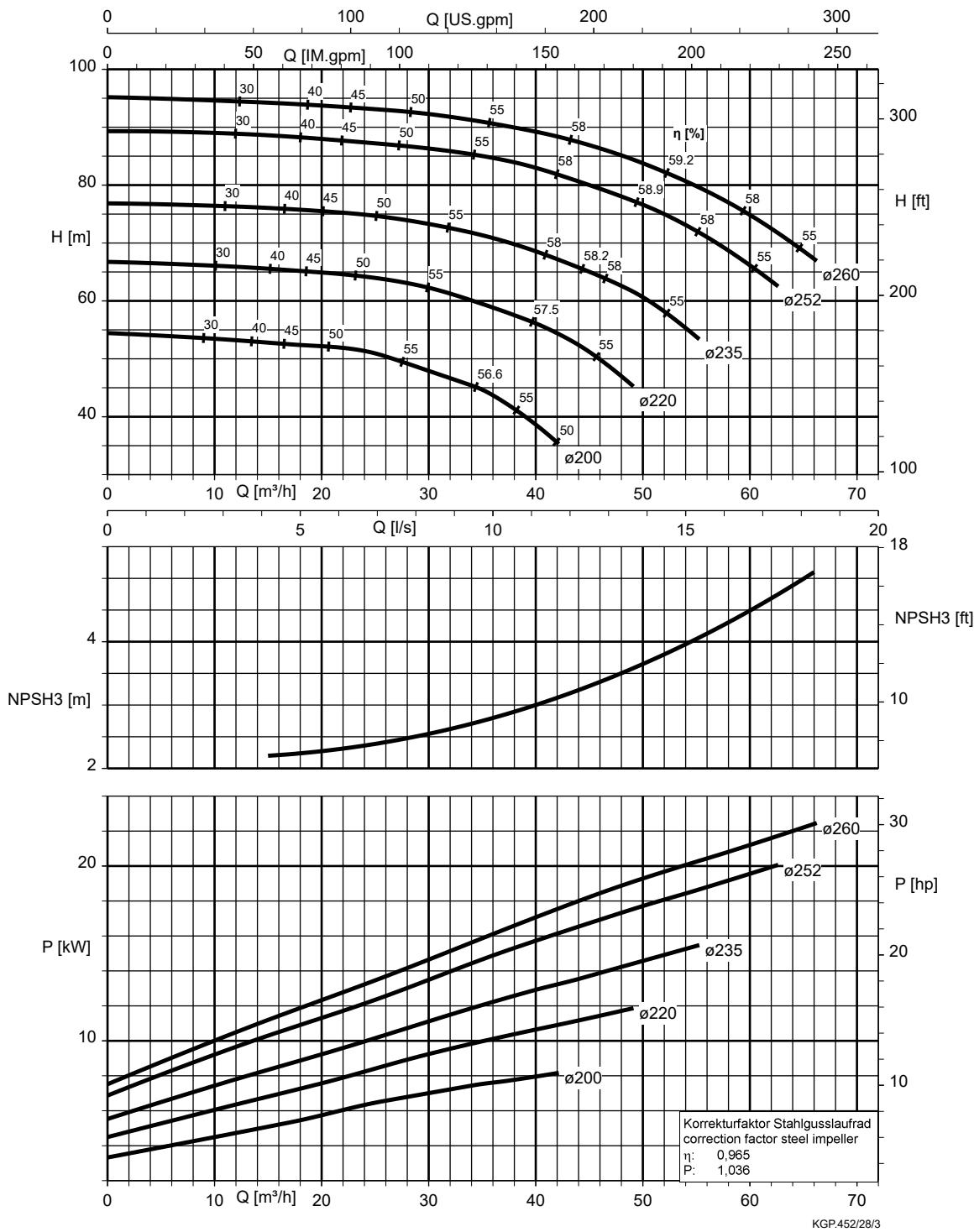


KGP.452/05/1

2731.450/09-EN

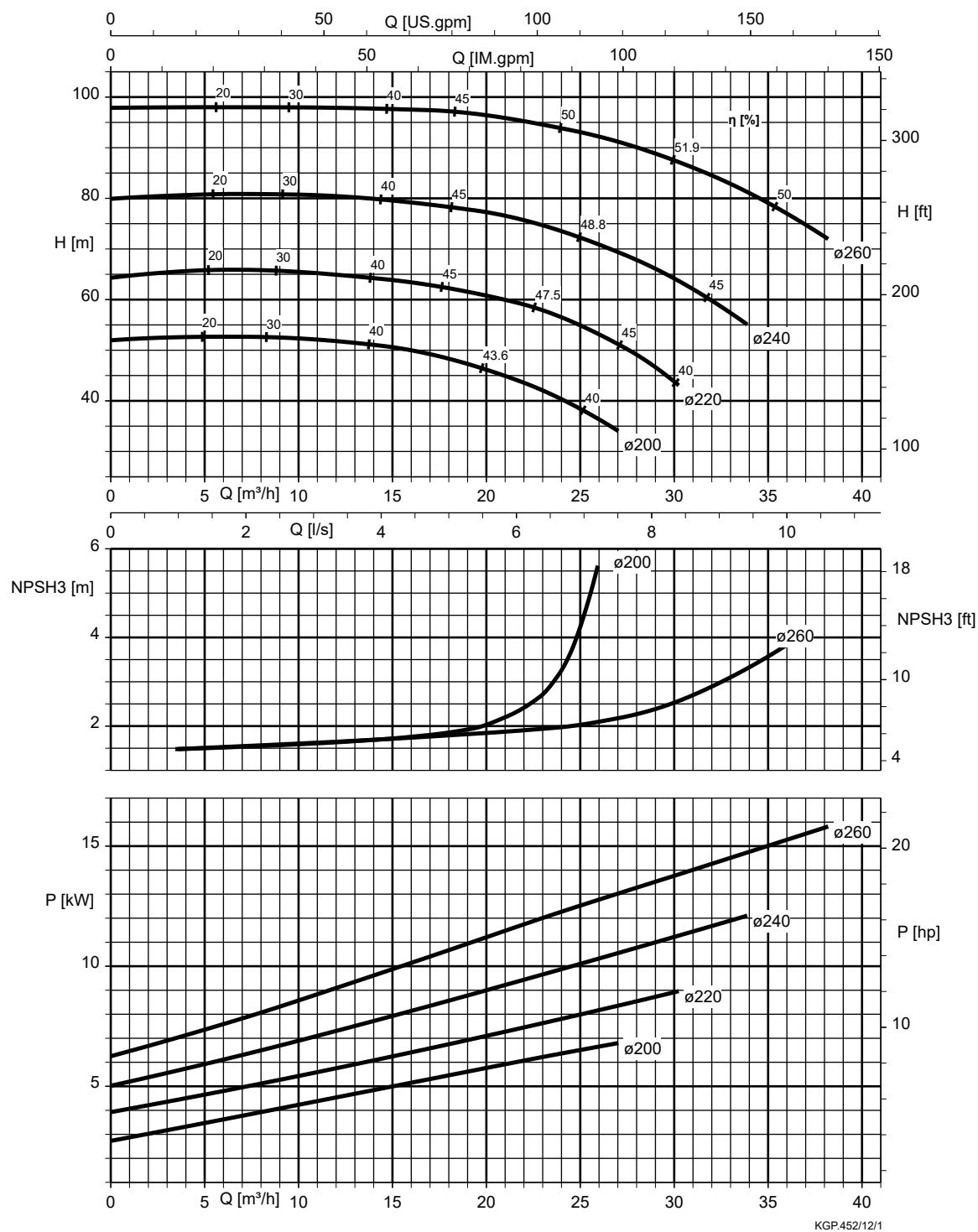
065-040-250, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



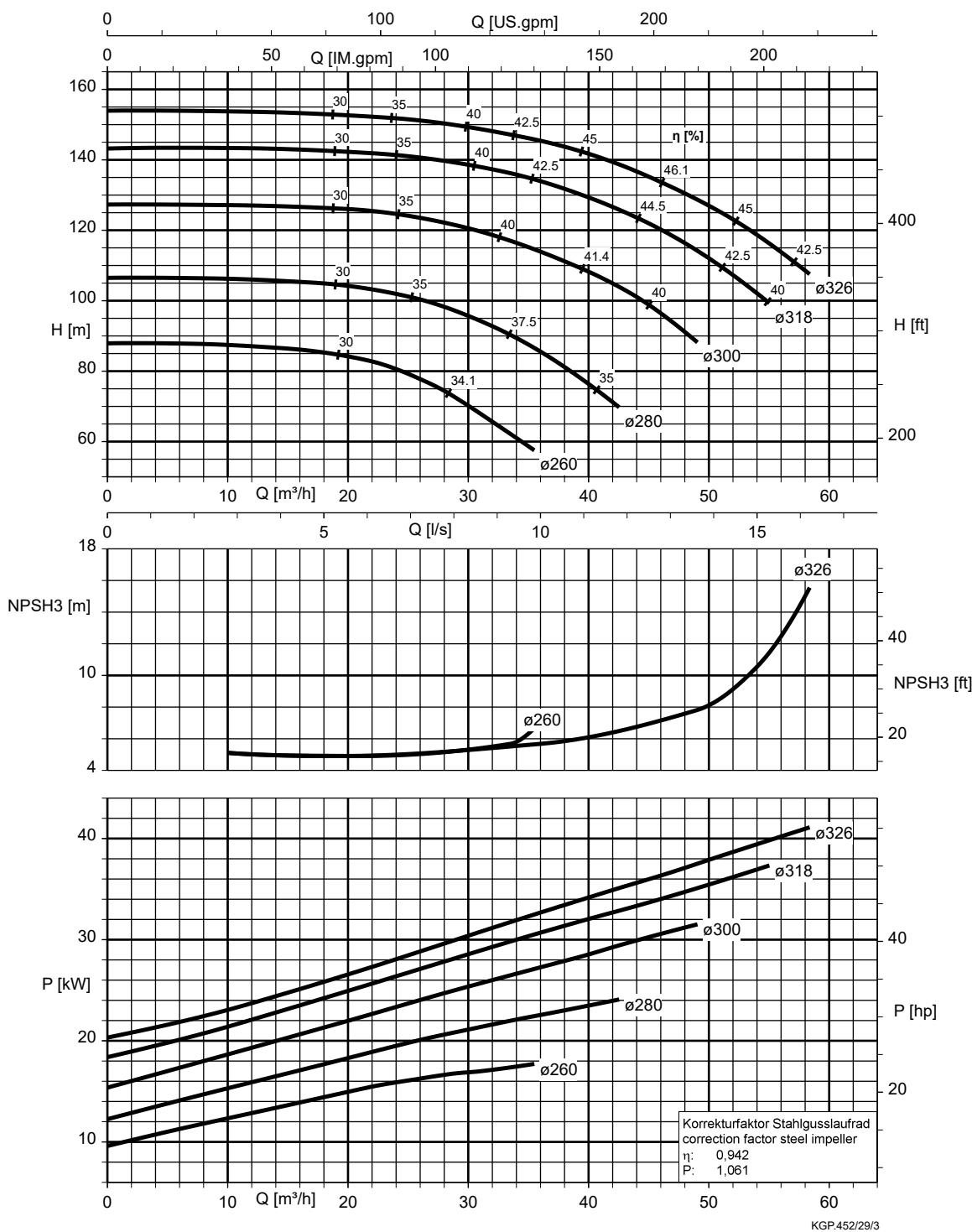
065-040-250.1, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK



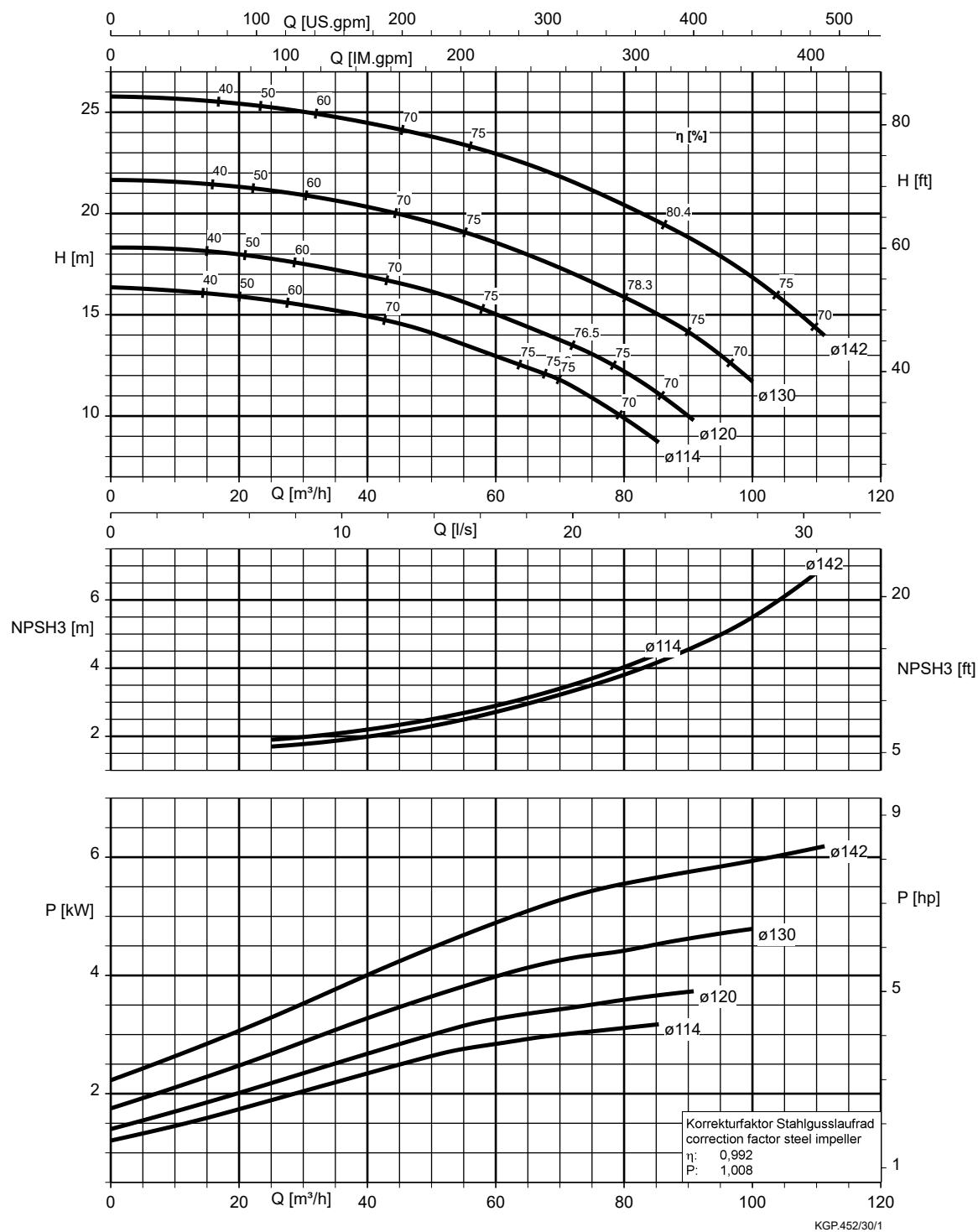
065-040-315, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



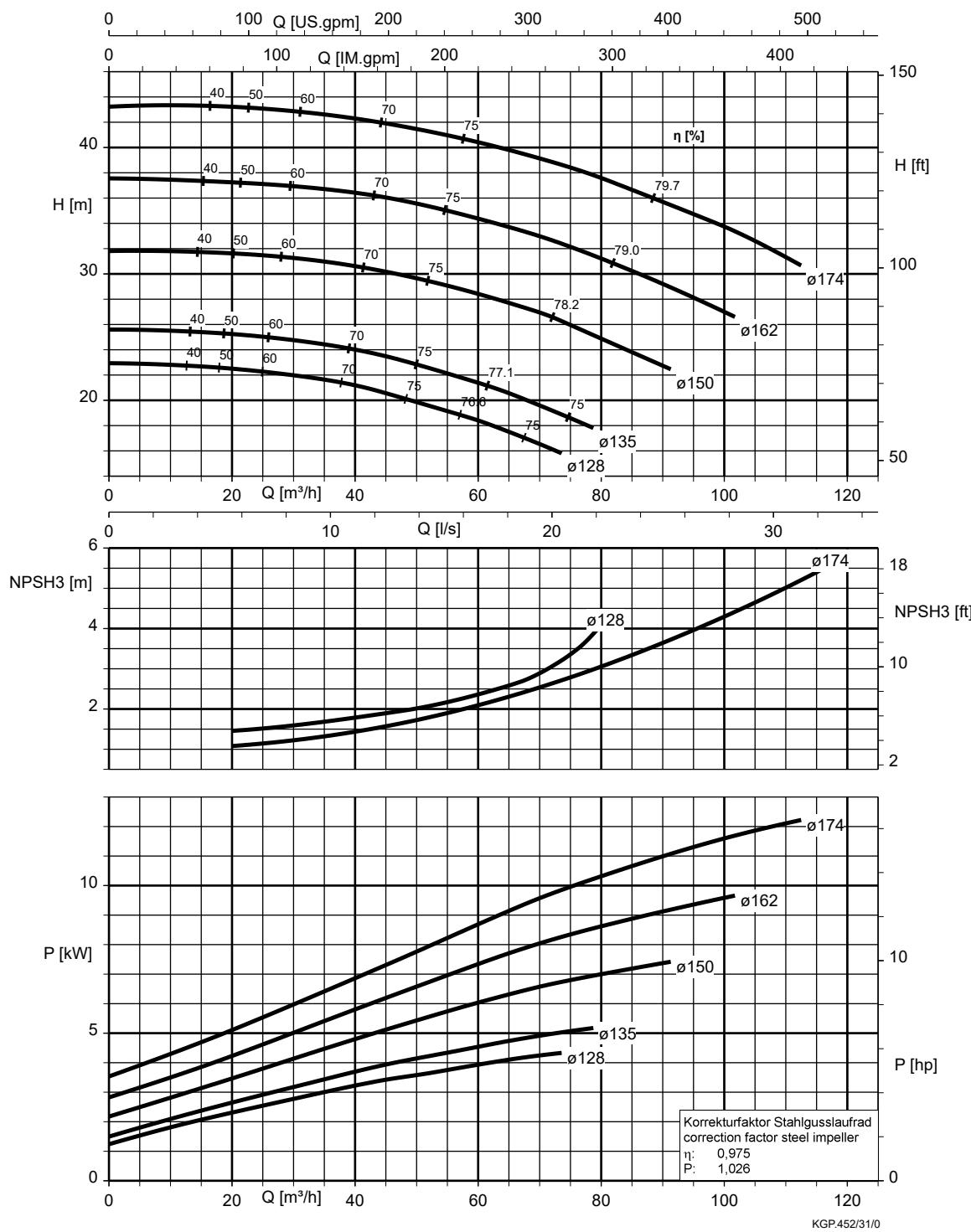
080-050-125, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



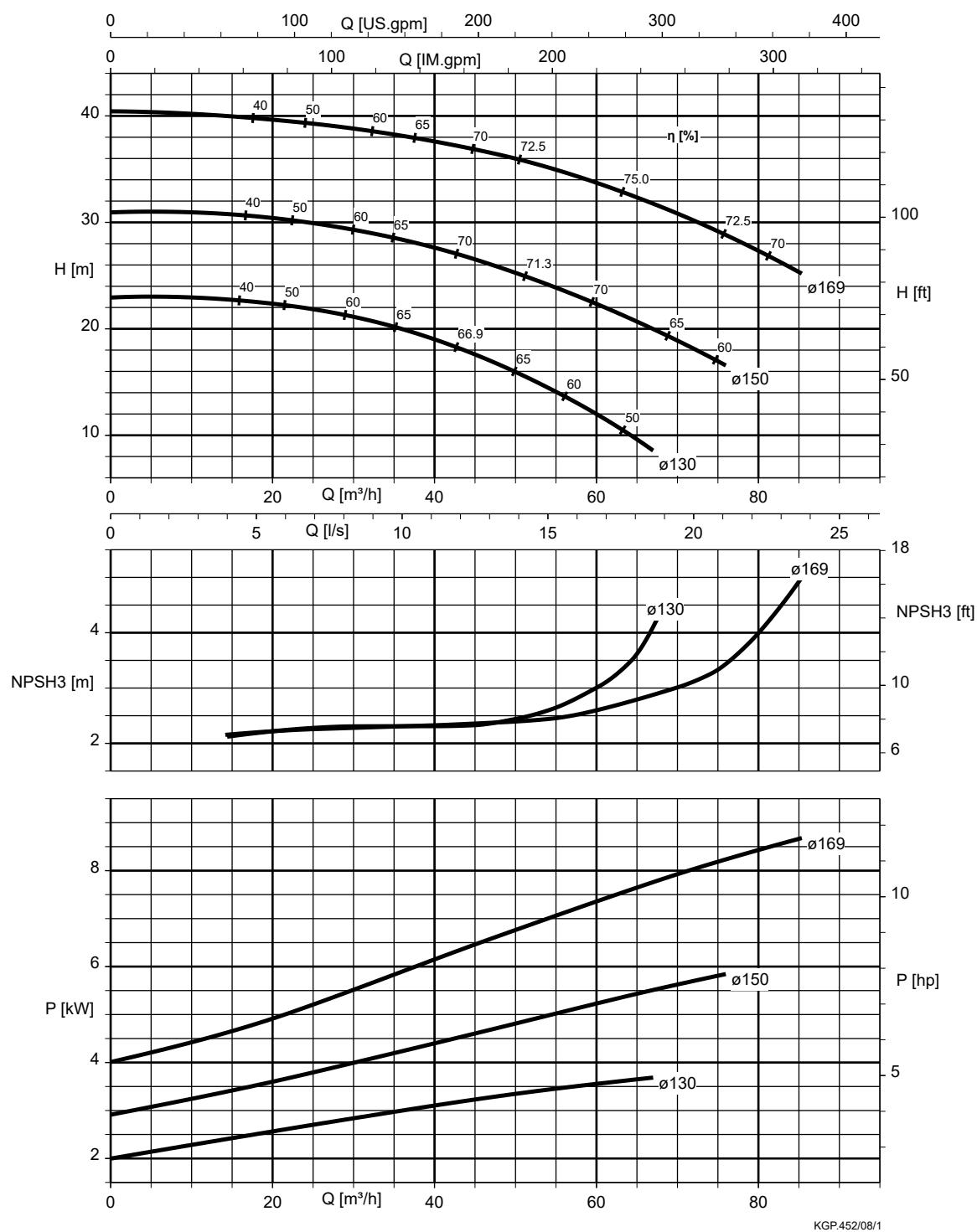
080-050-160, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



080-050-160.1, n = 2900 rpm

Magnochem, Magnochem-Bloc, MegaCPK

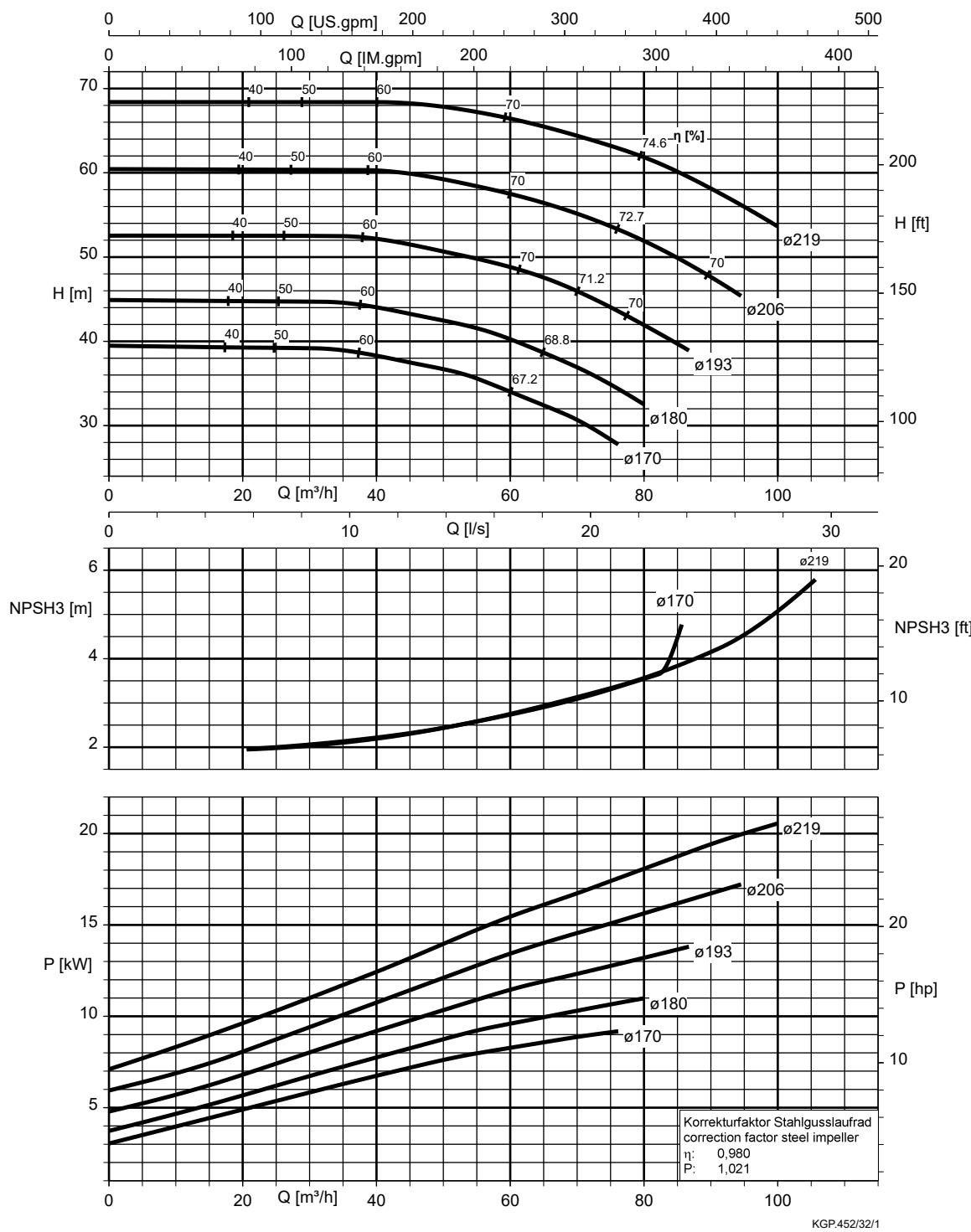


KGP.452/08/1

2731.450/09-EN

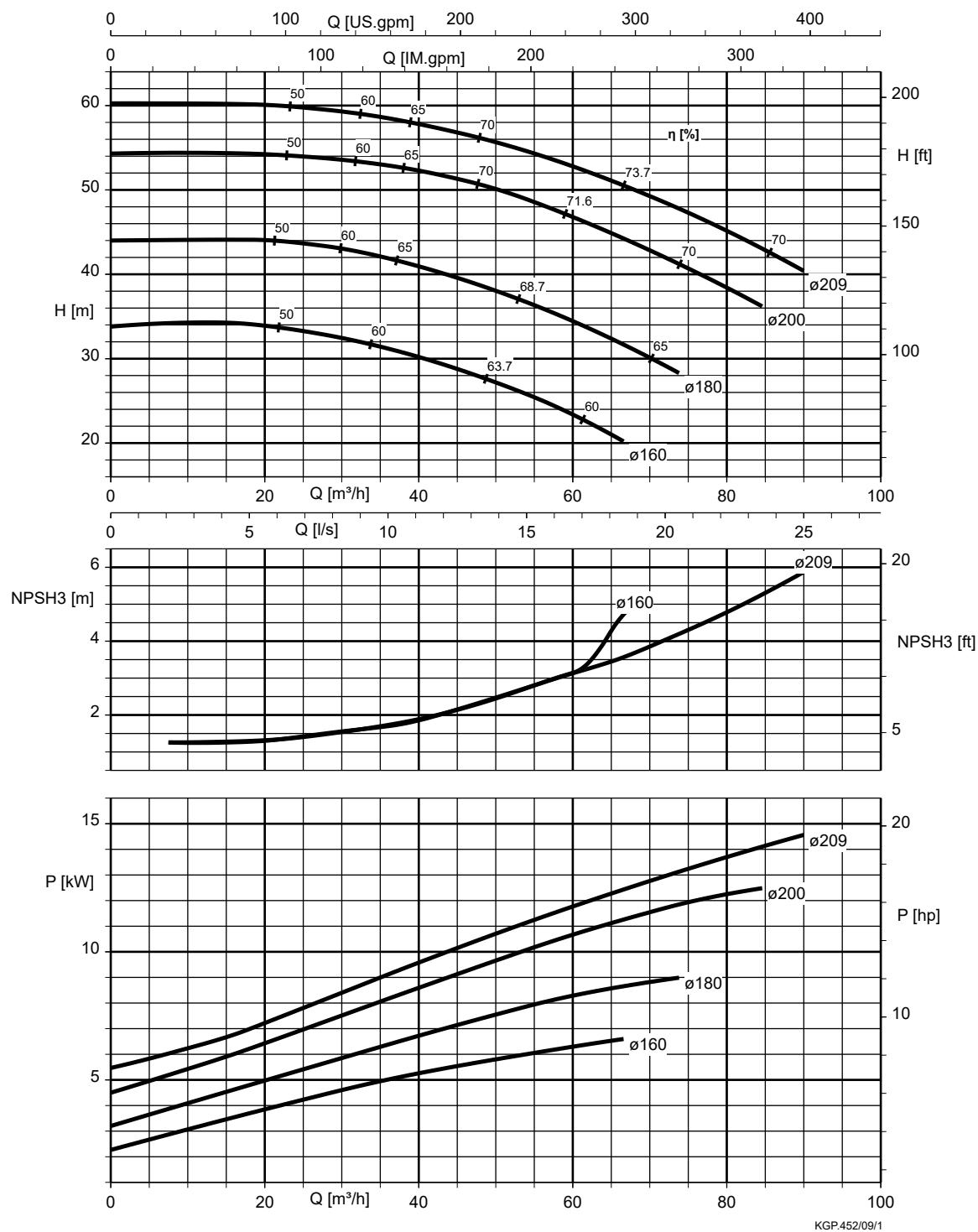
080-050-200, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



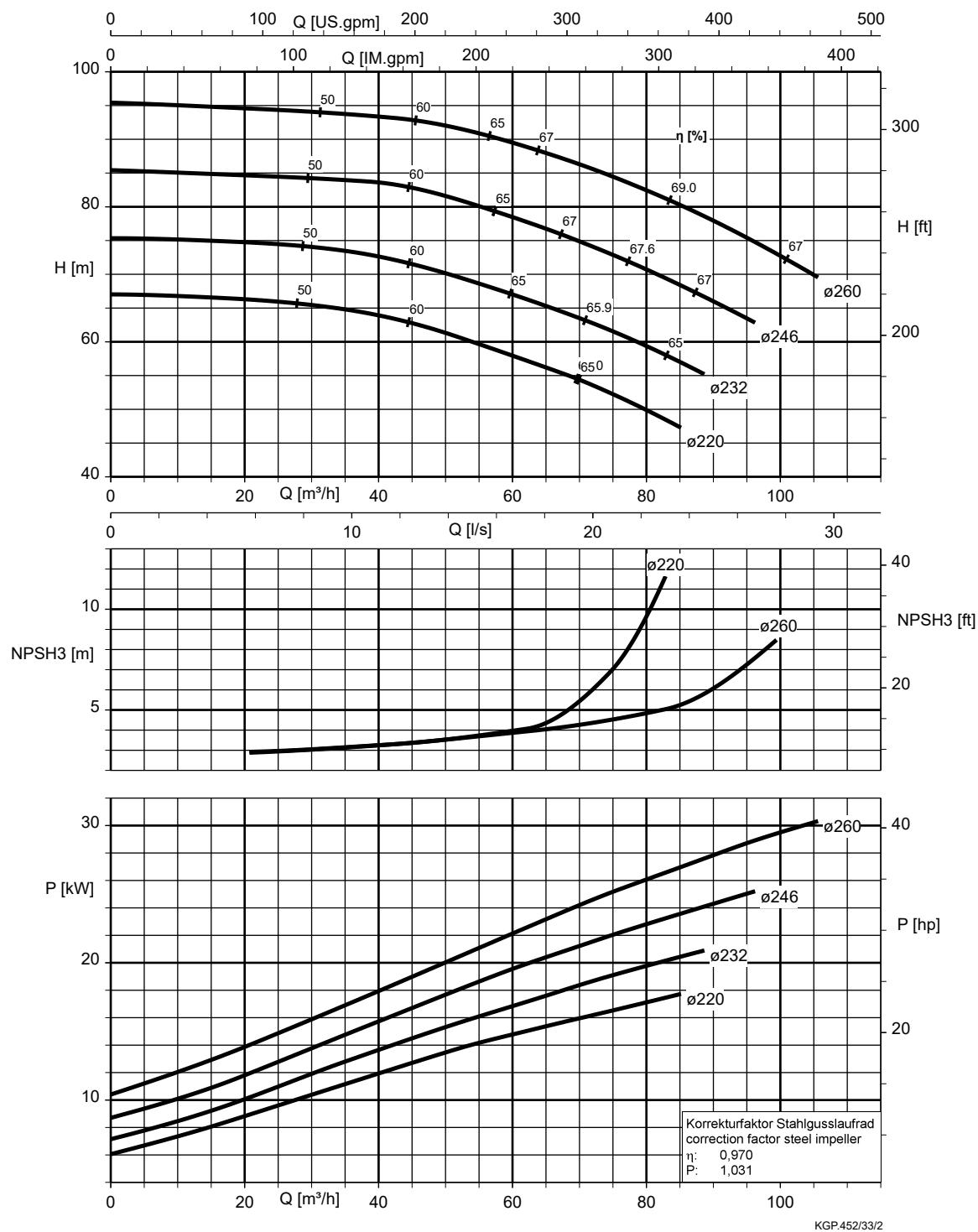
080-050-200.1, n = 2900 rpm

Magnochem, Magnochem-Bloc, MegaCPK



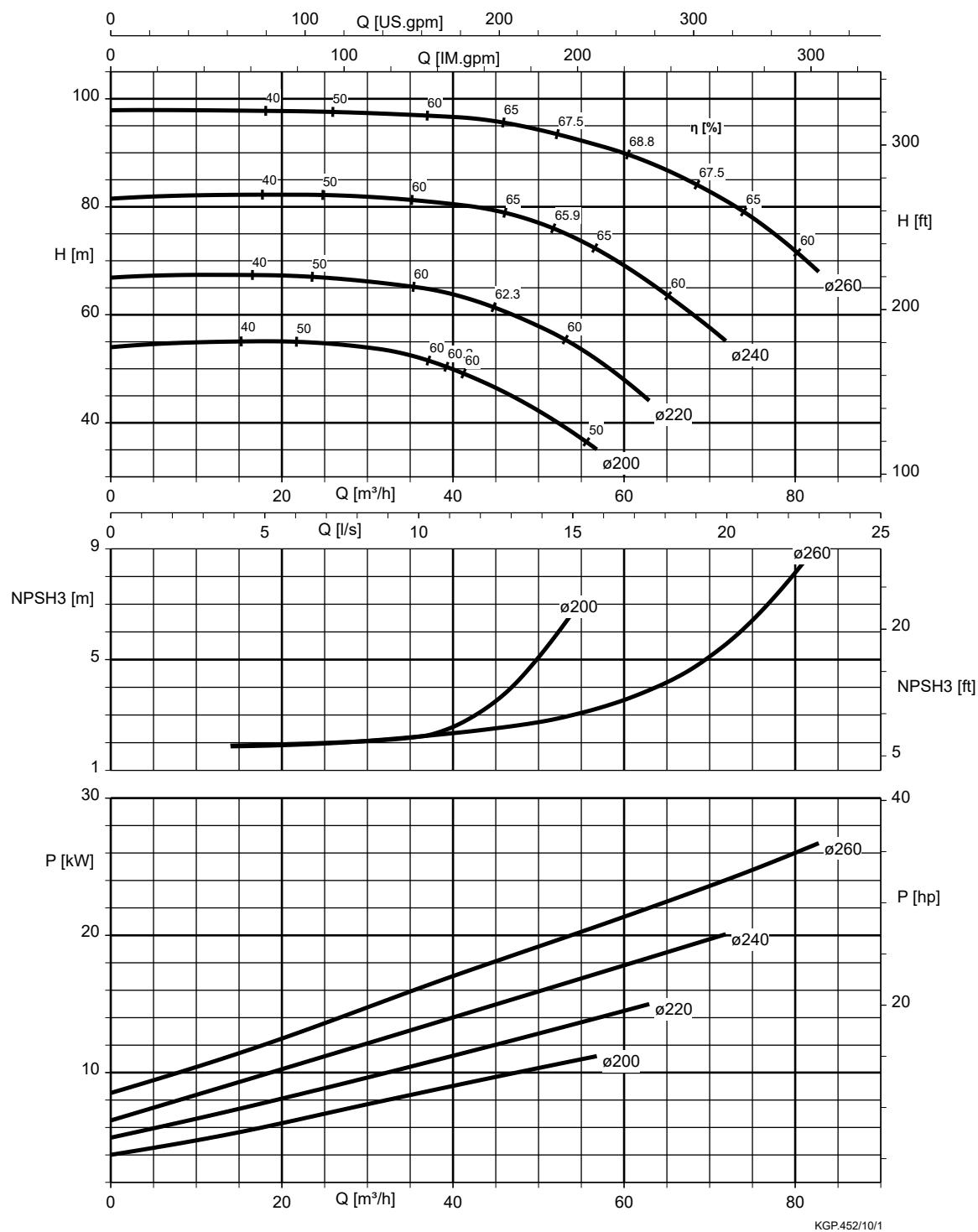
080-050-250, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



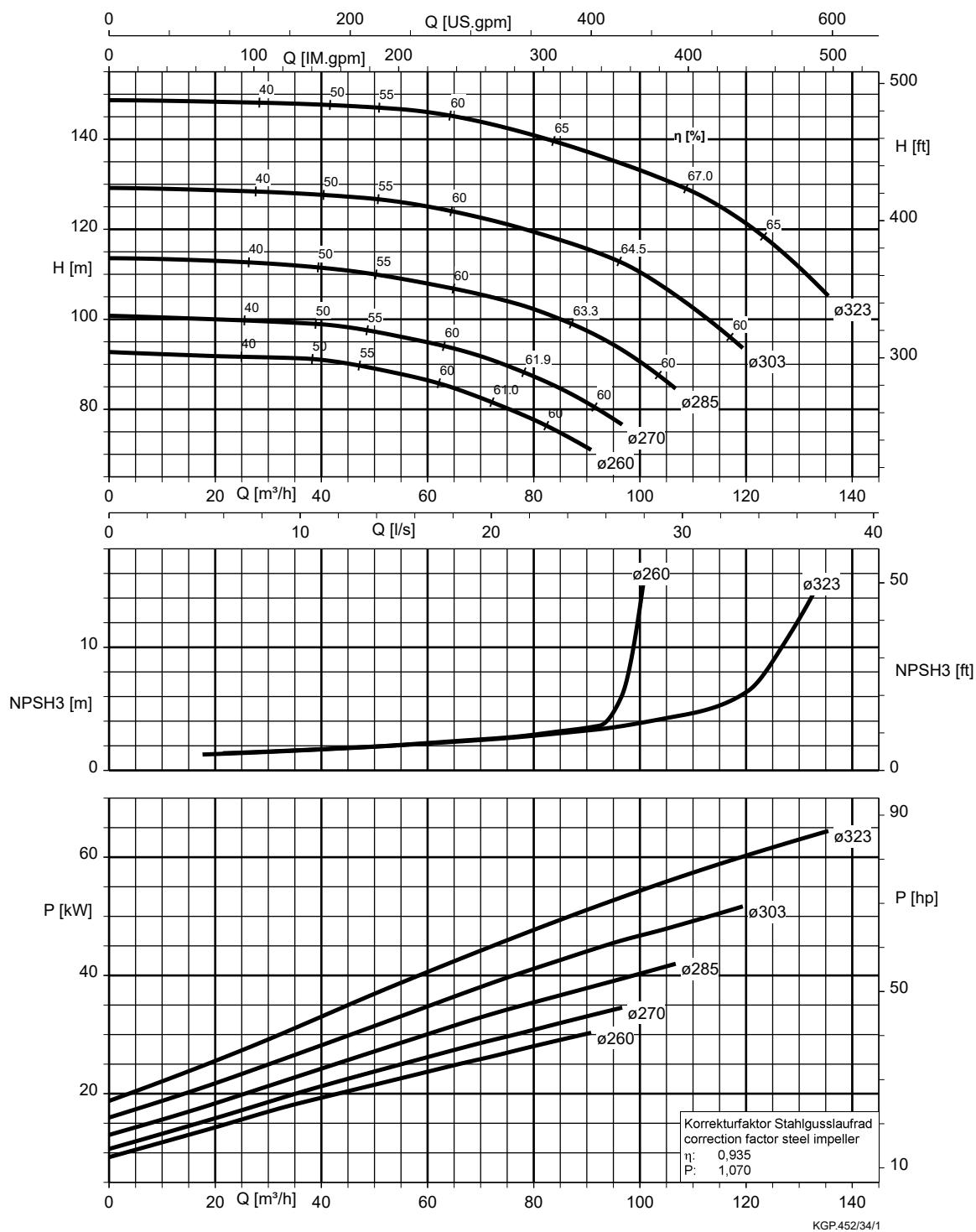
080-050-250.1, n = 2900 rpm

Magnochem, Magnochem-Bloc, MegaCPK



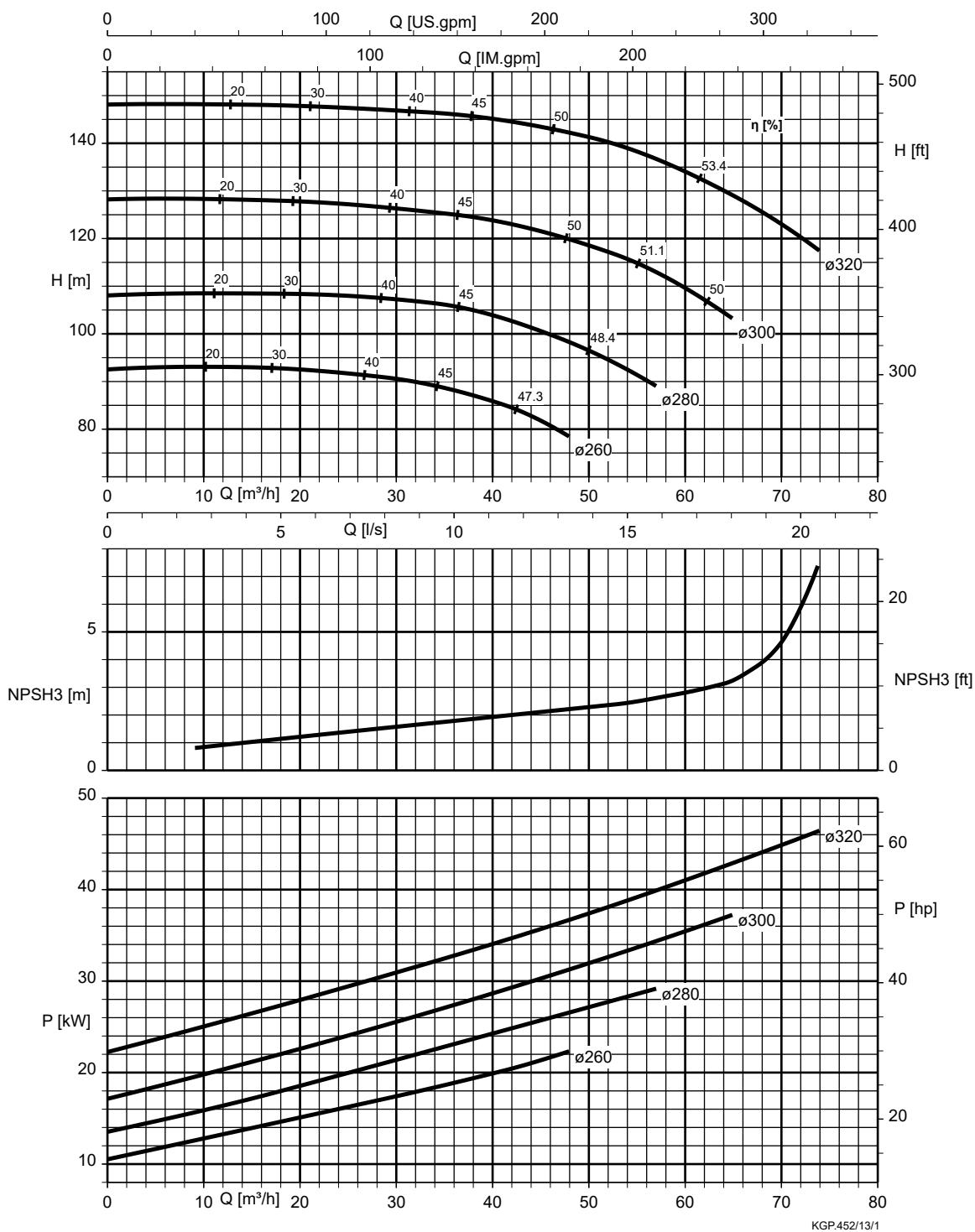
080-050-315, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



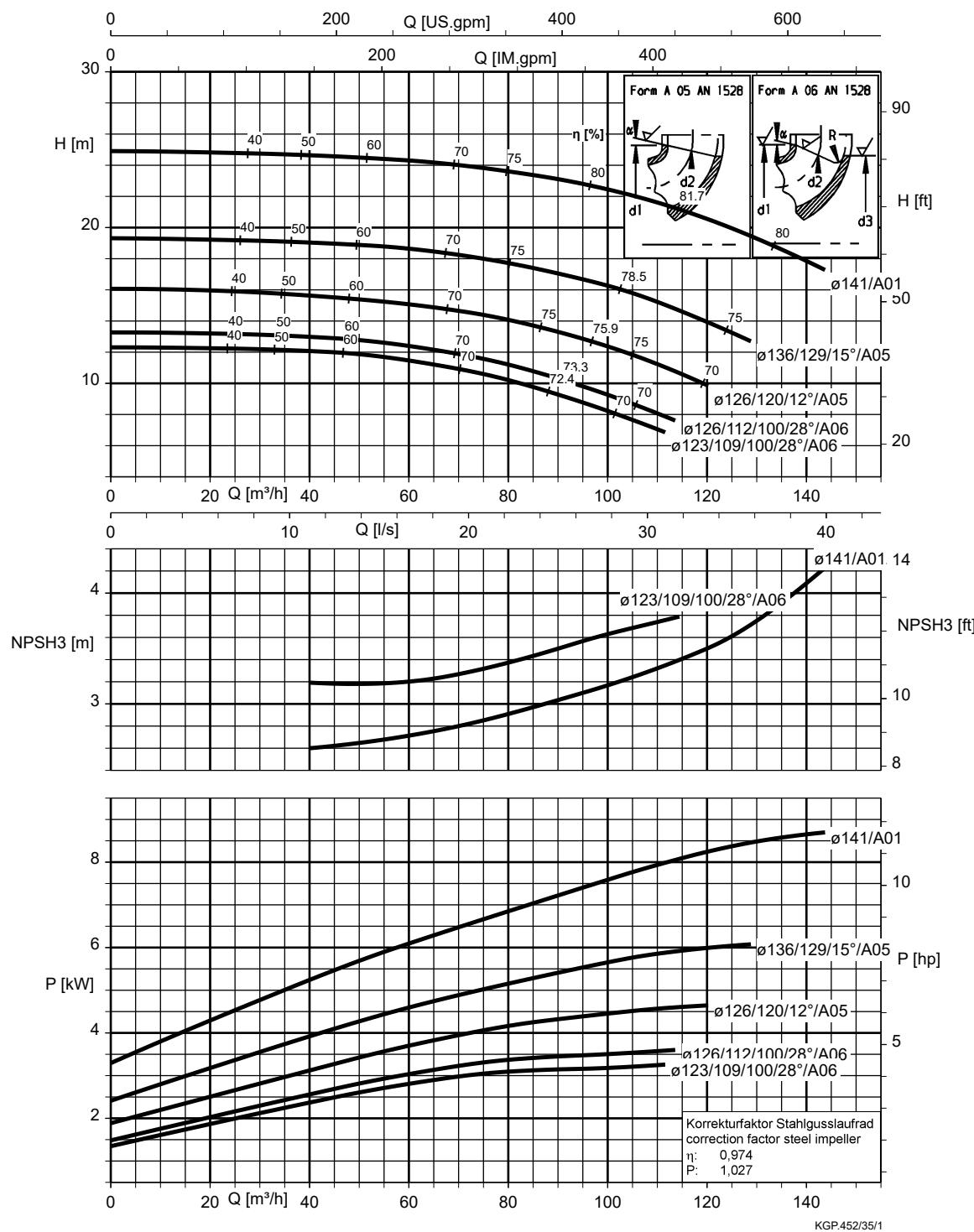
080-050-315.1, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK



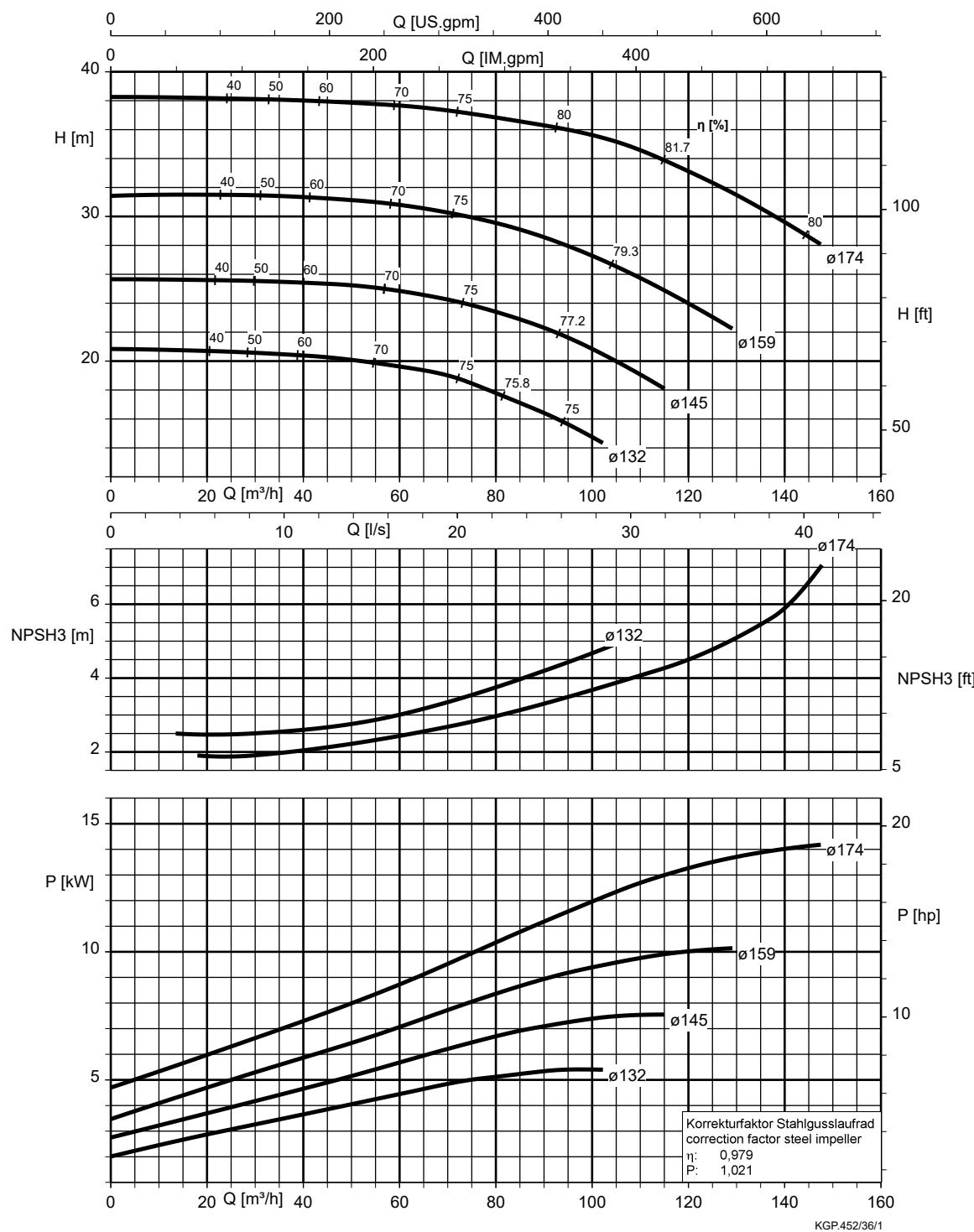
100-065-125, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



100-065-160, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc

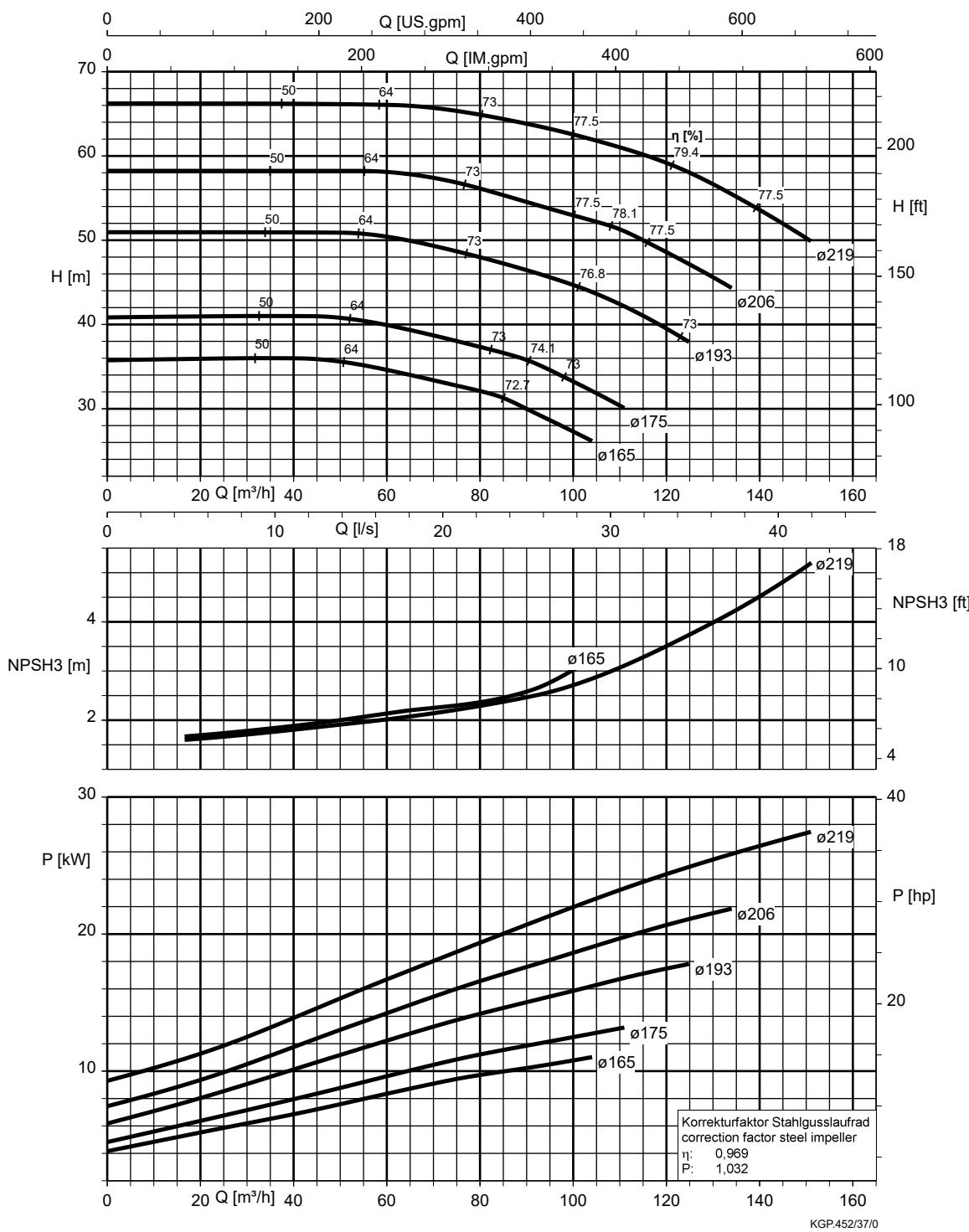


Korrekturfaktor Stahlgusslaufrad
 correction factor steel impeller
 η : 0,979
 P : 1,021

KGP.452/36/1

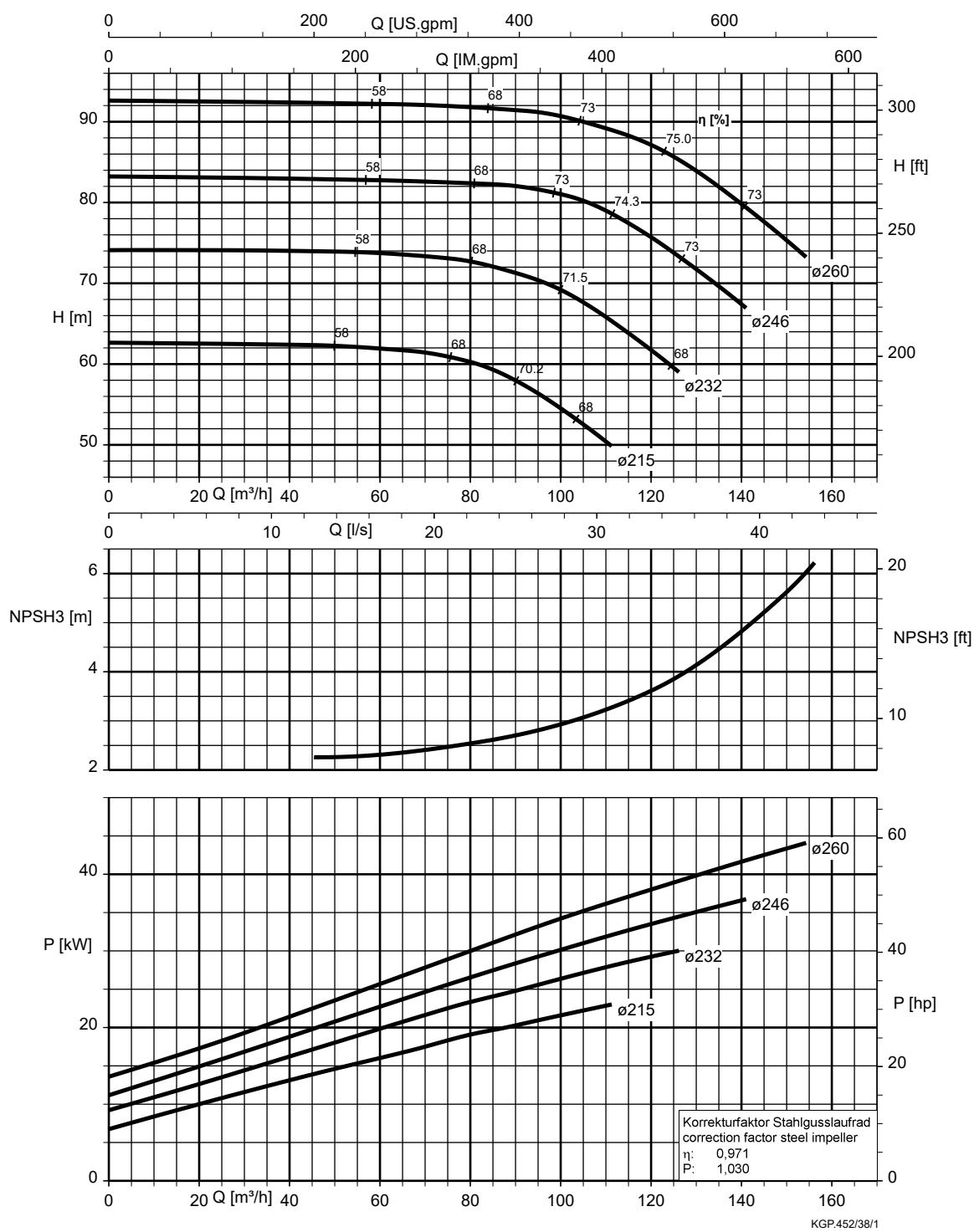
100-065-200, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



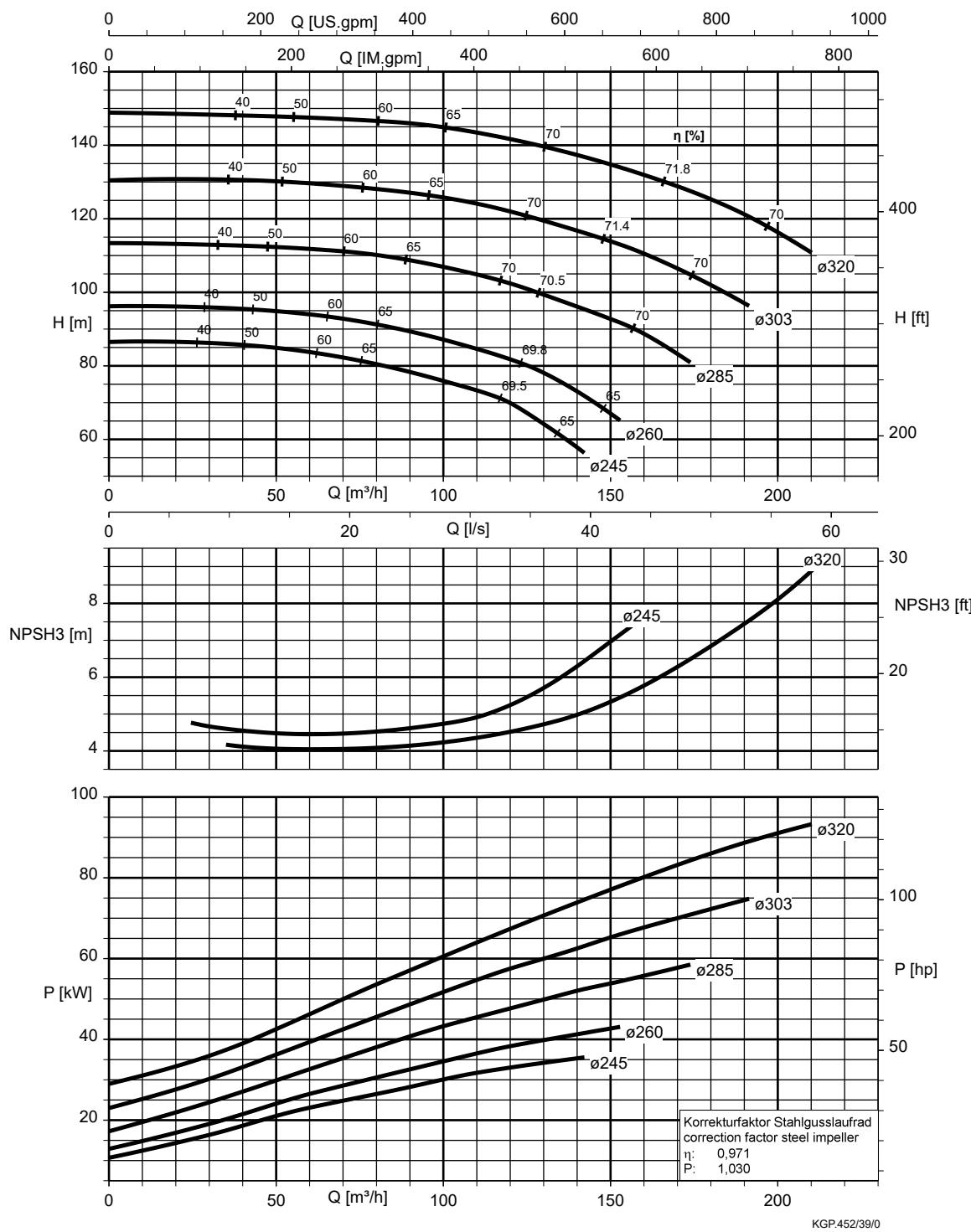
100-065-250, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



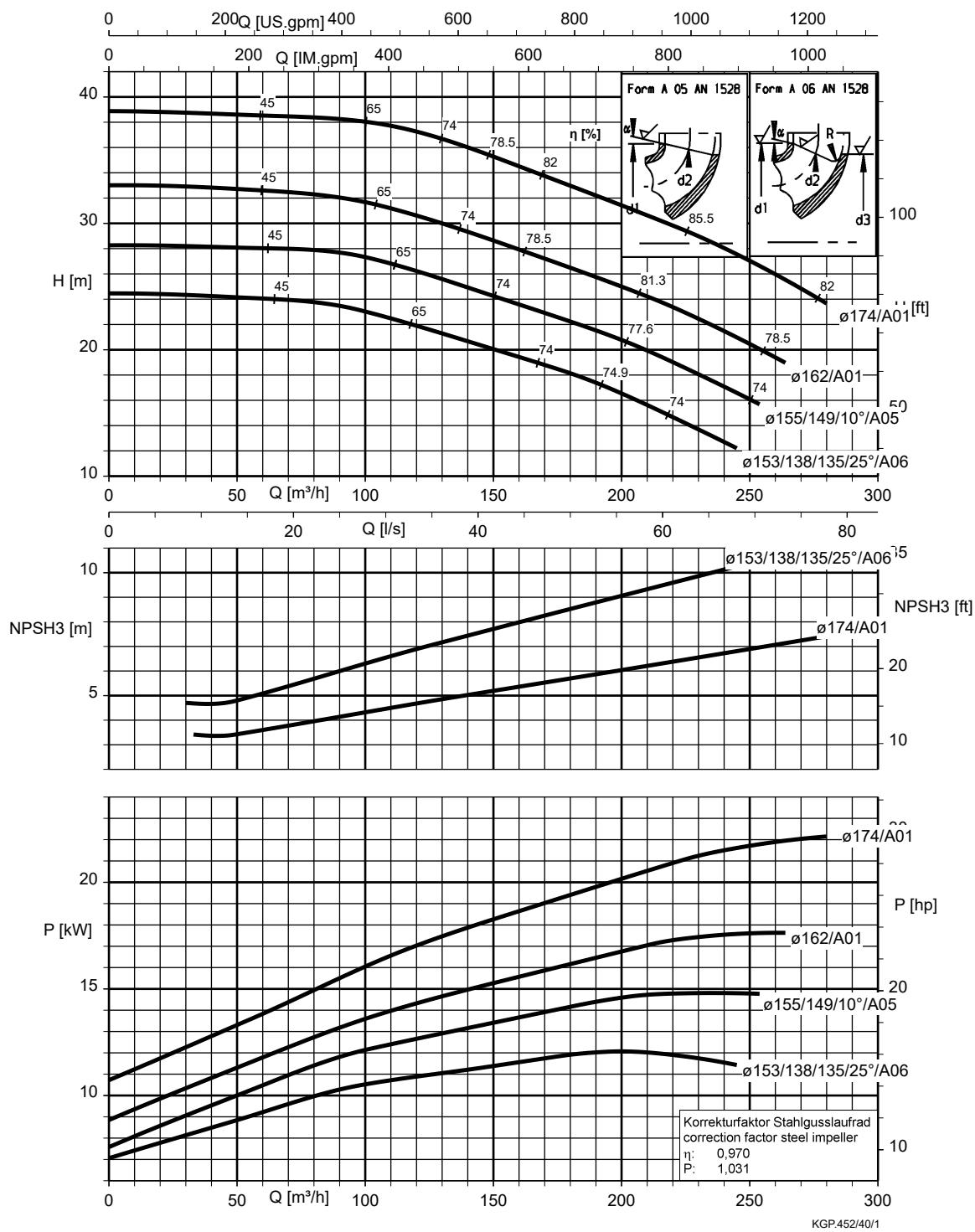
100-065-315, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



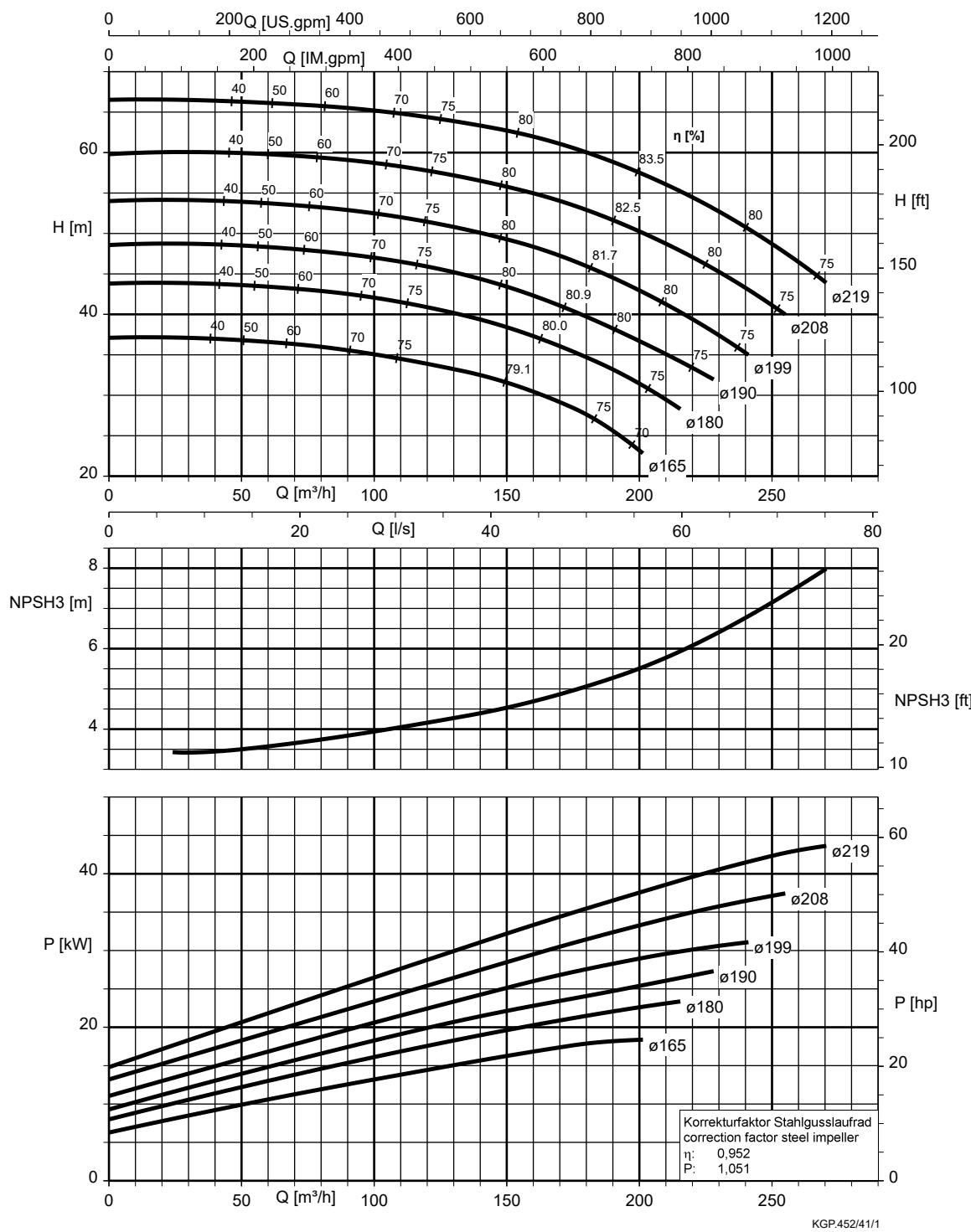
125-080-160, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



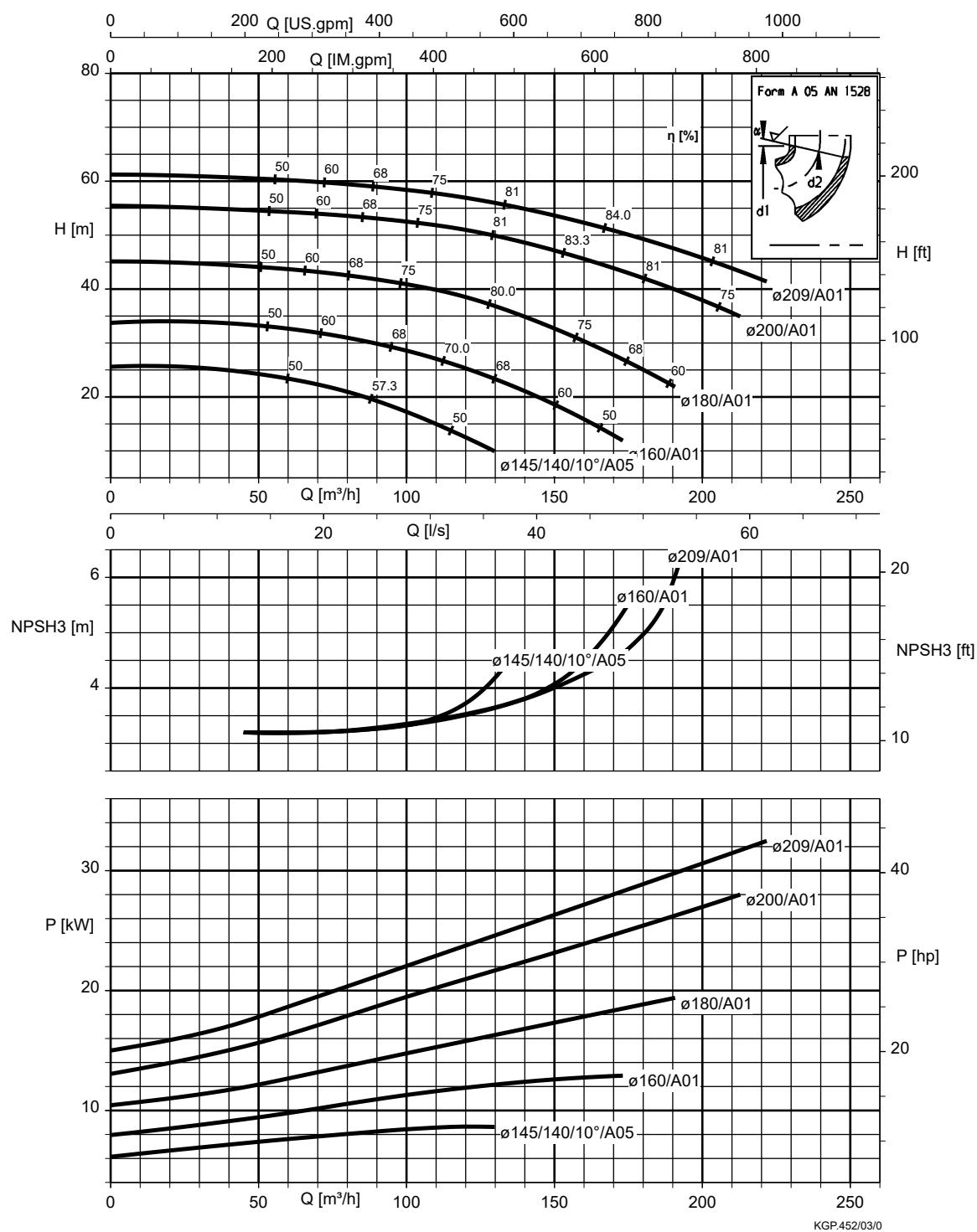
125-080-200, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



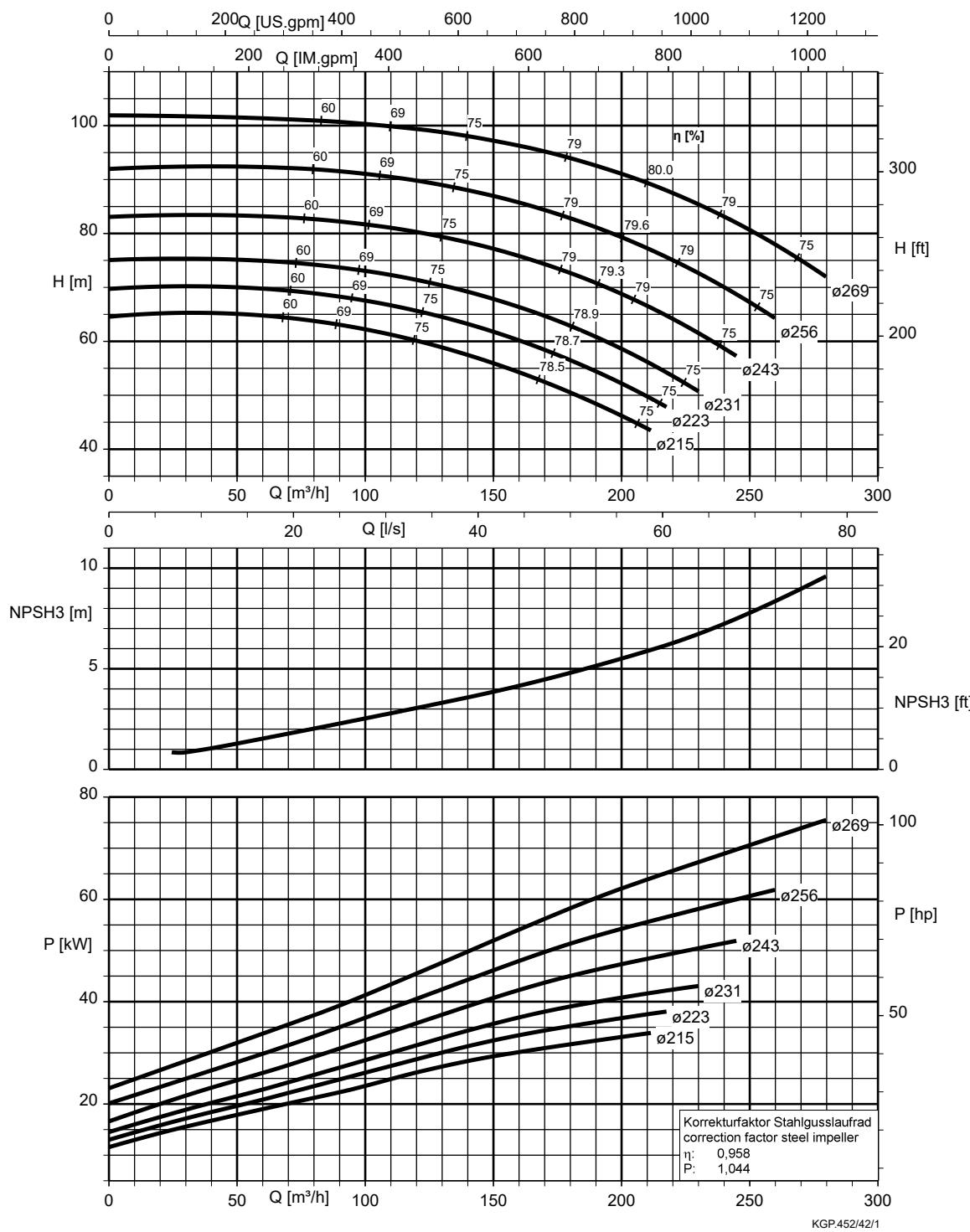
125-080-200.1, n = 2900 rpm

Magnochem, Magnochem-Bloc, MegaCPK



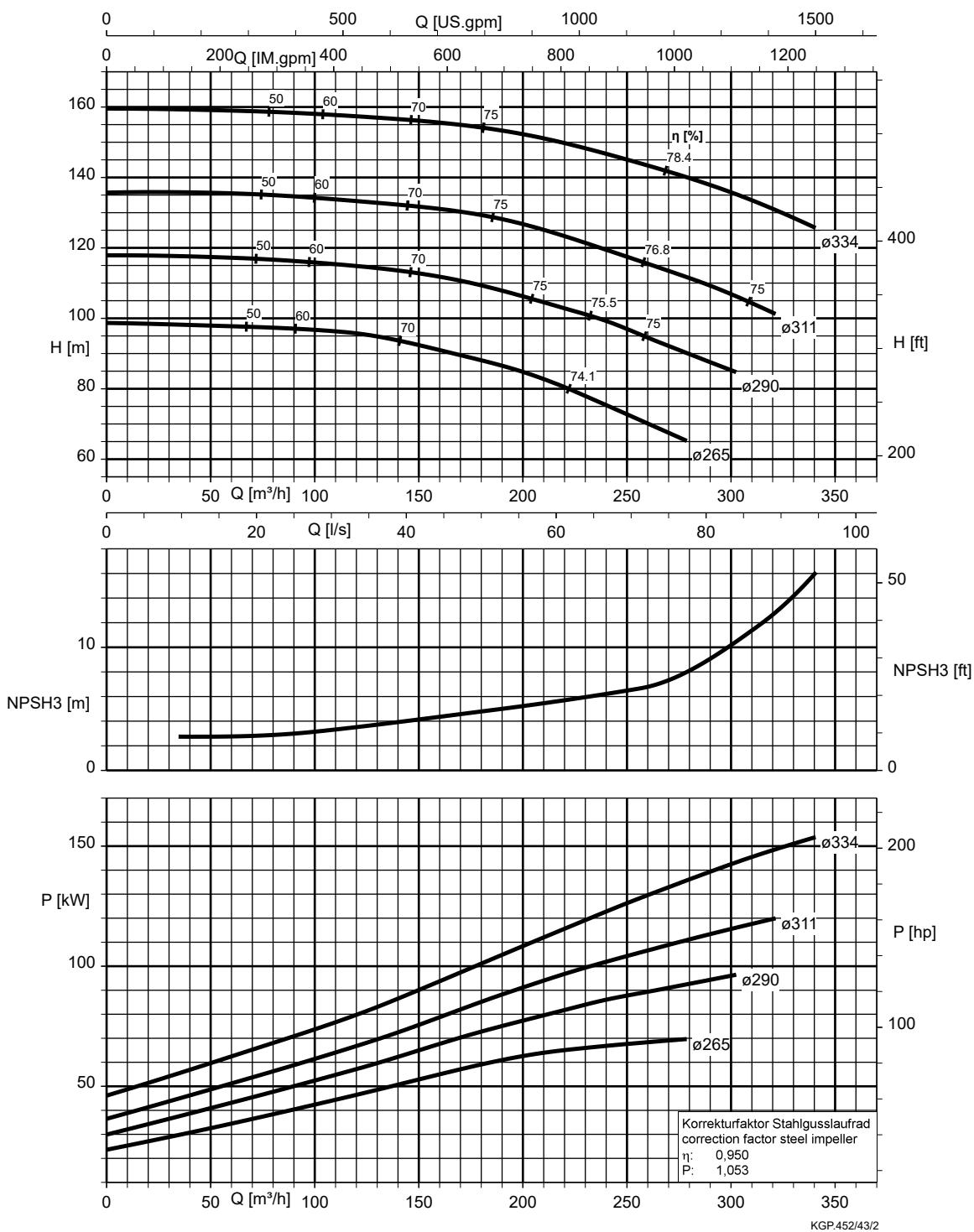
125-080-250, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



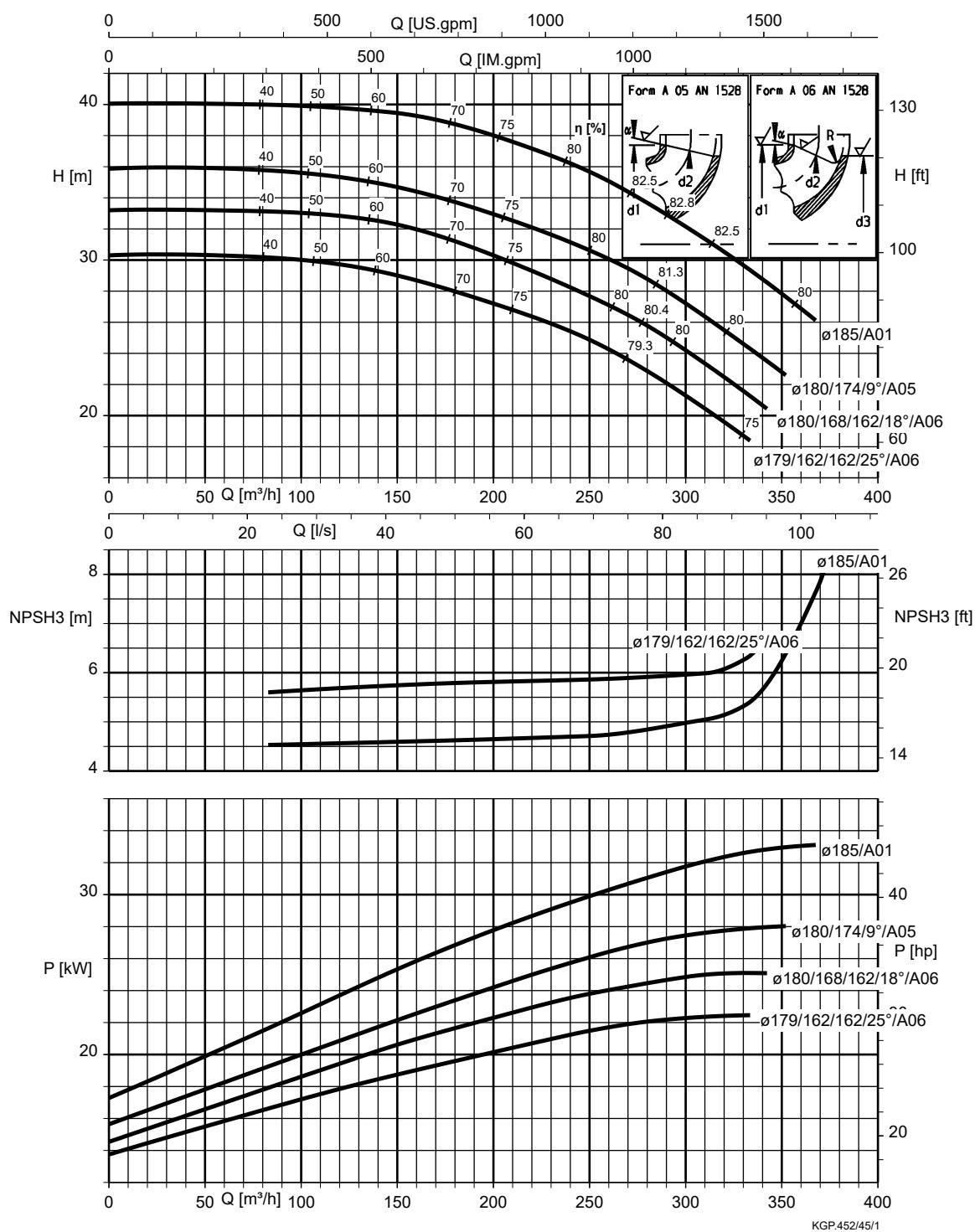
125-080-315, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



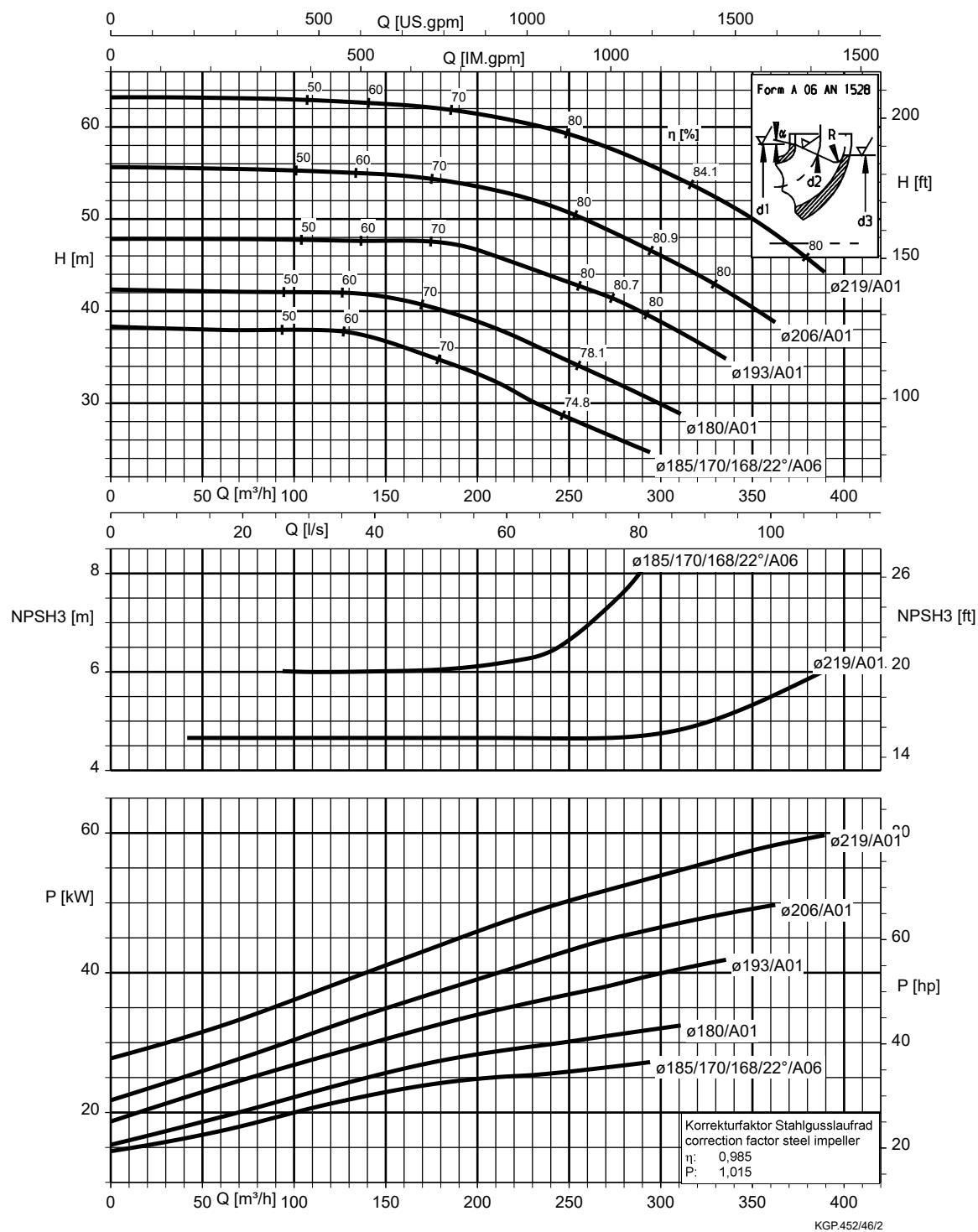
125-100-160, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



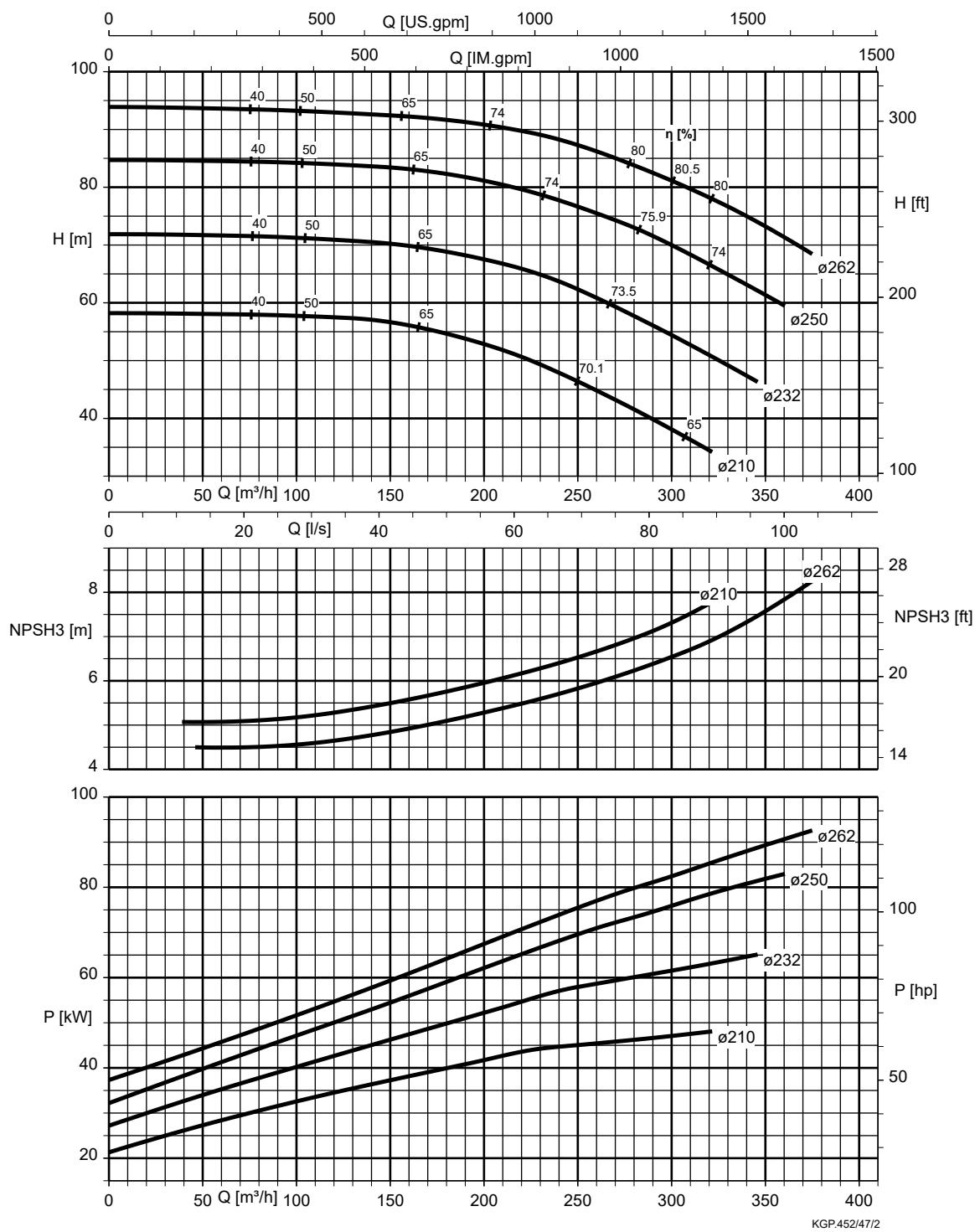
125-100-200, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



125-100-250, n = 2900 rpm

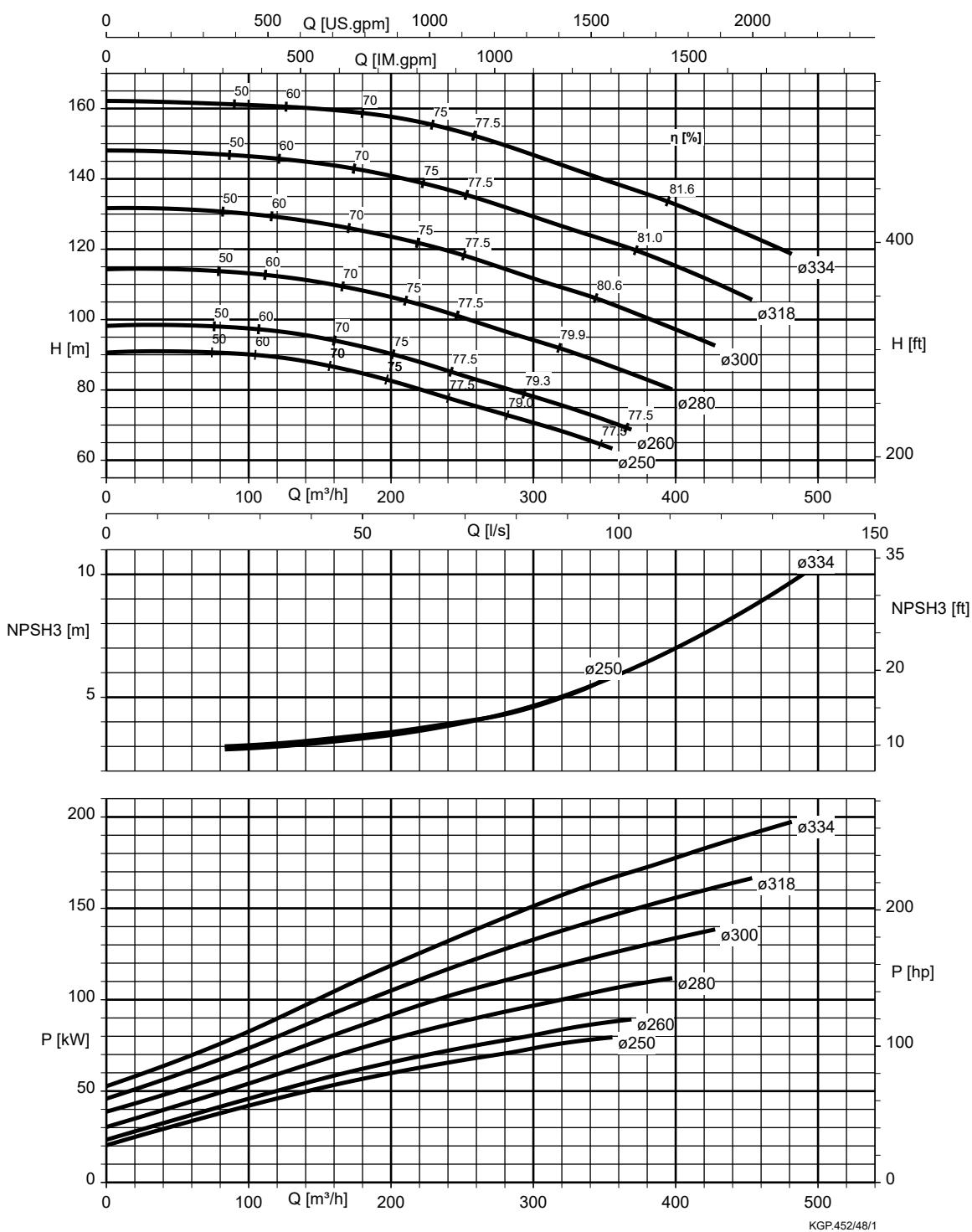
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.452/47/2

125-100-315, n = 2900 rpm

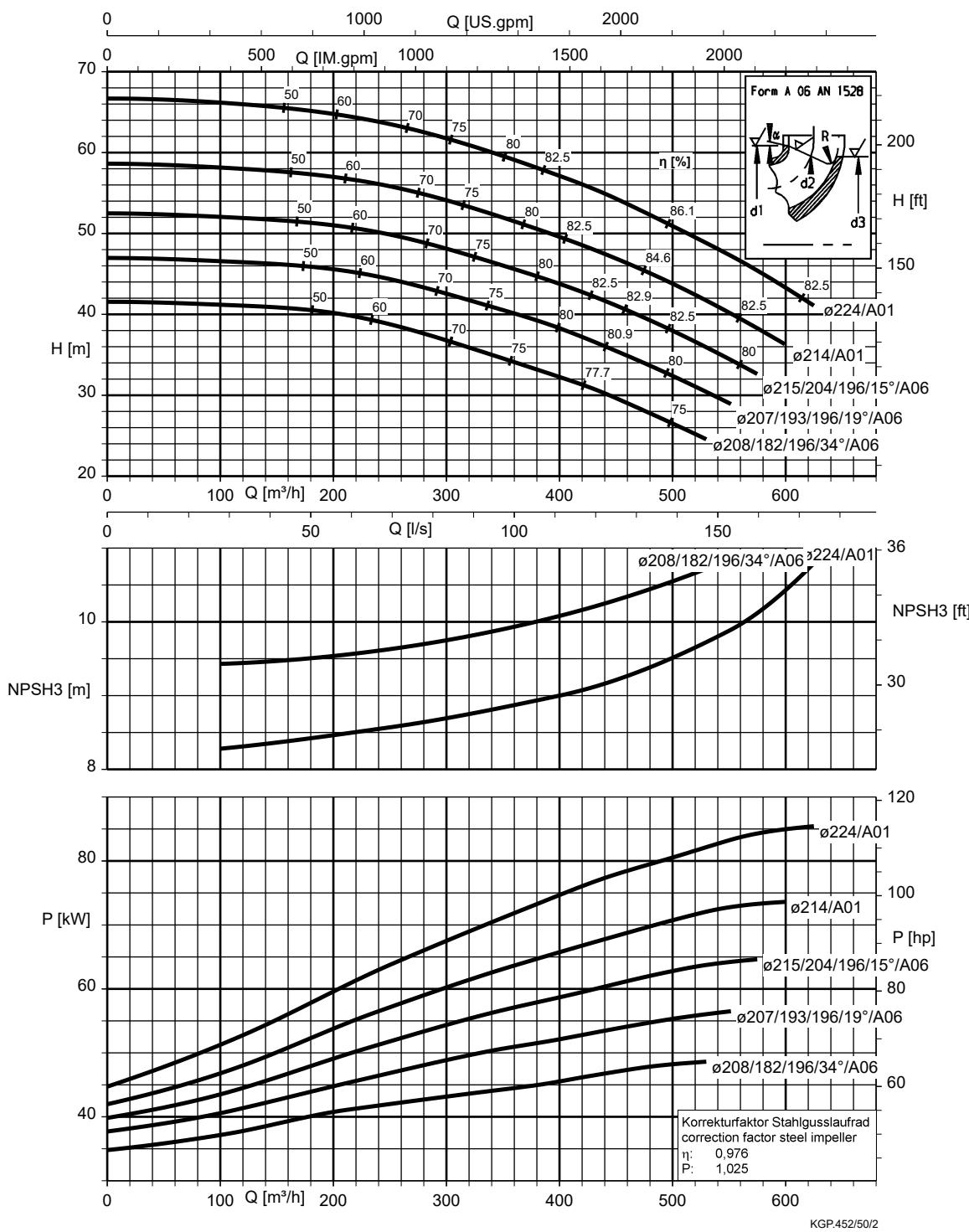
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.452/48/1

150-125-200, n = 2900 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm

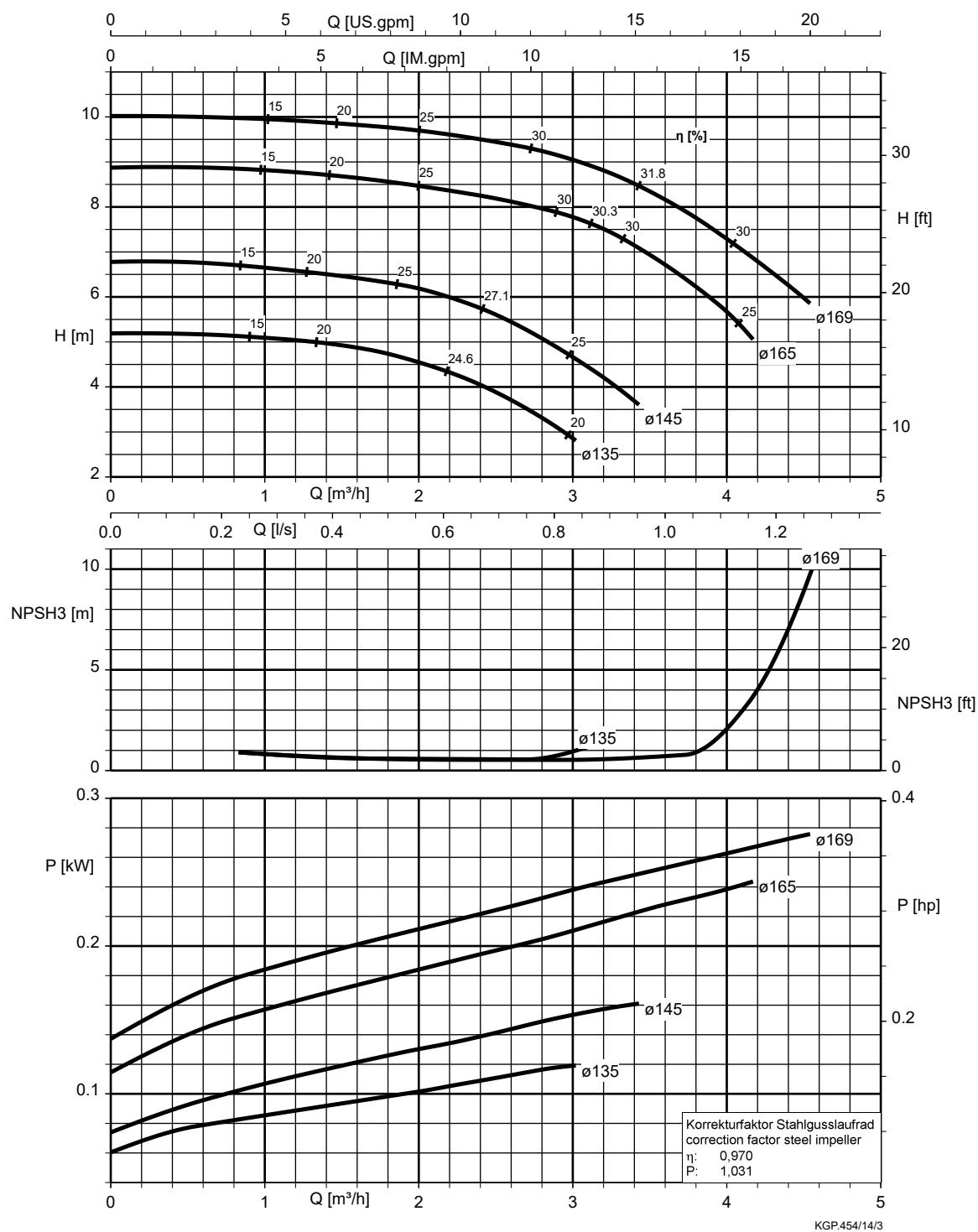


KGP.452/50/2

n = 1450 rpm

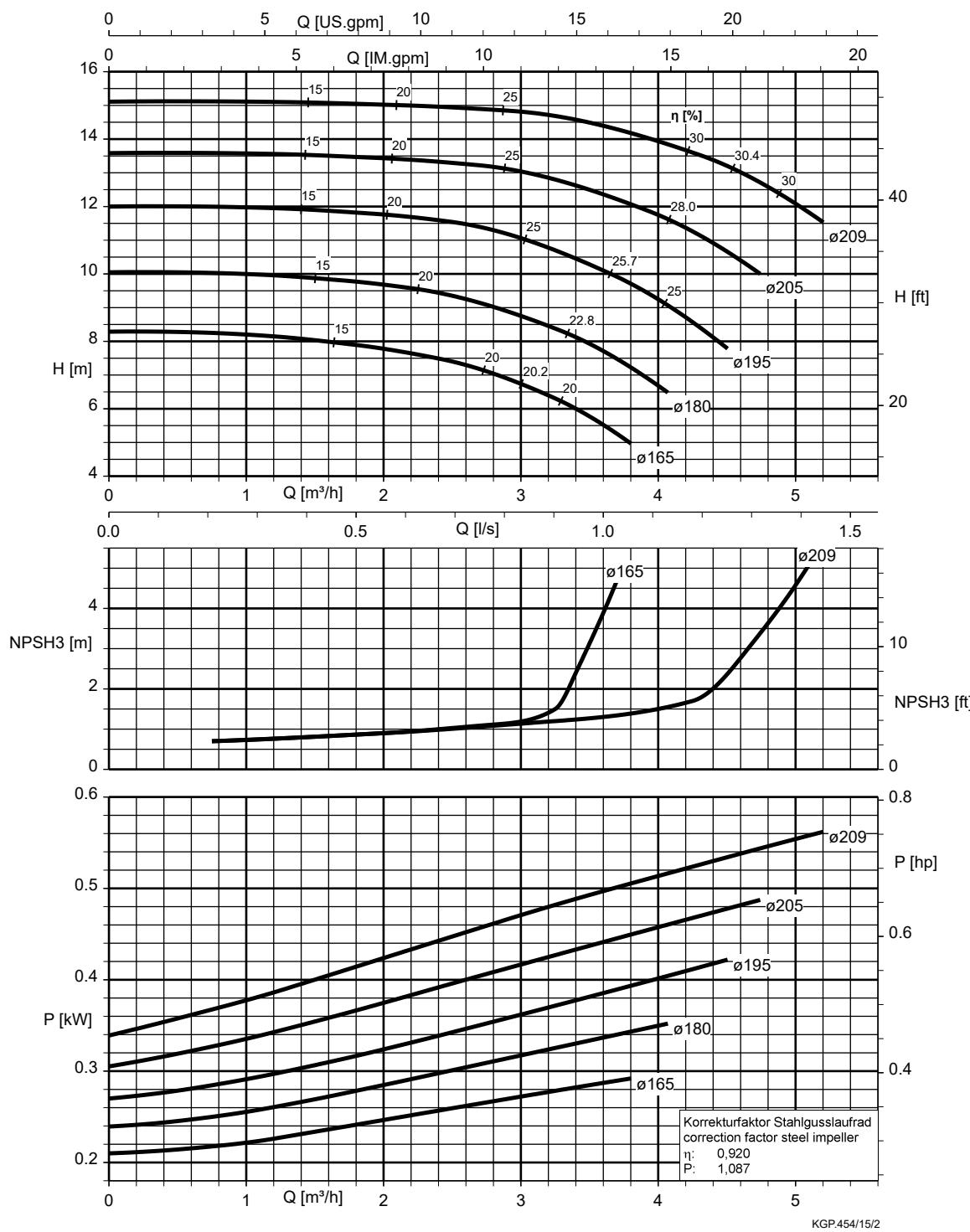
040-025-160, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



040-025-200, n = 1450 rpm

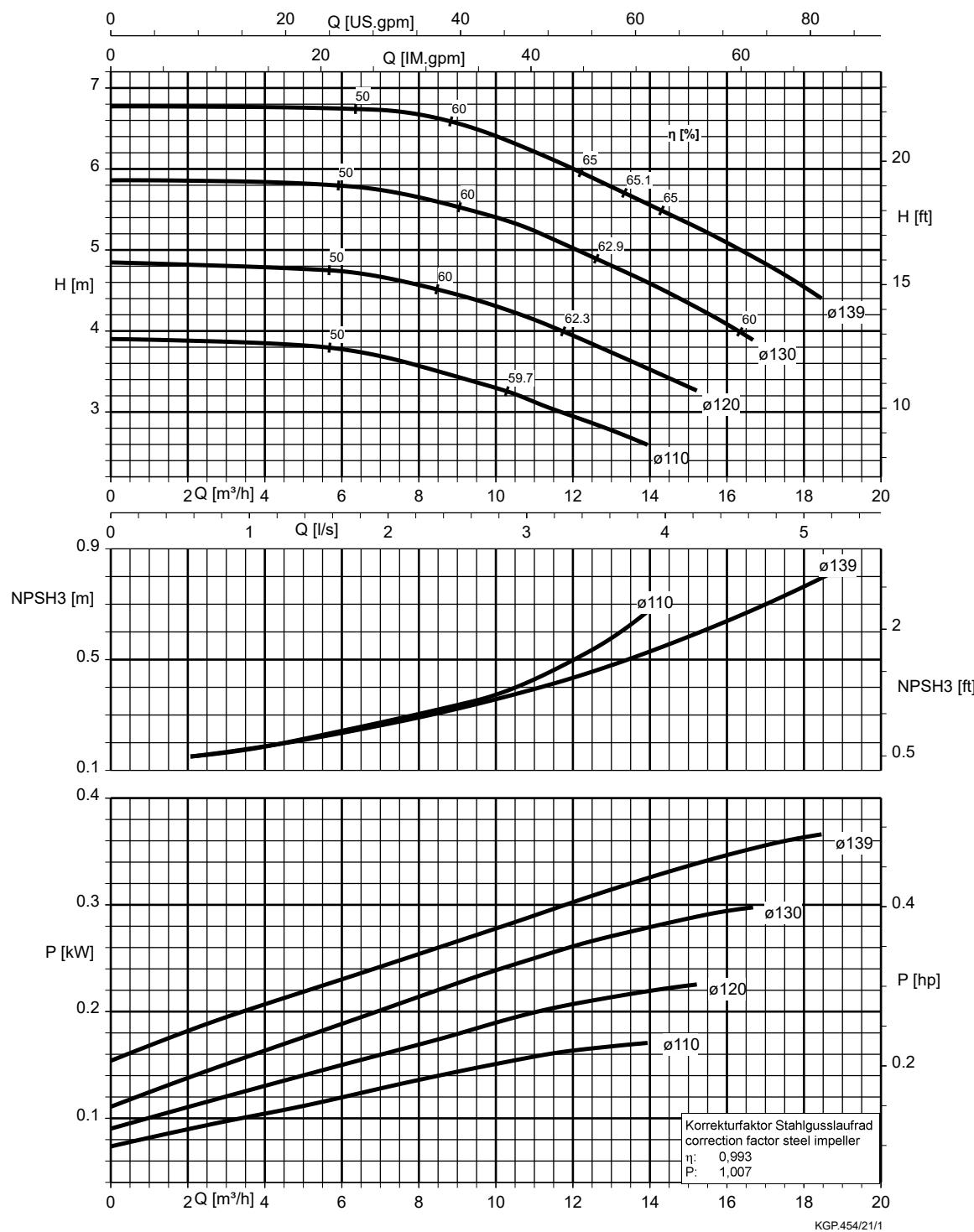
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.454/15/2

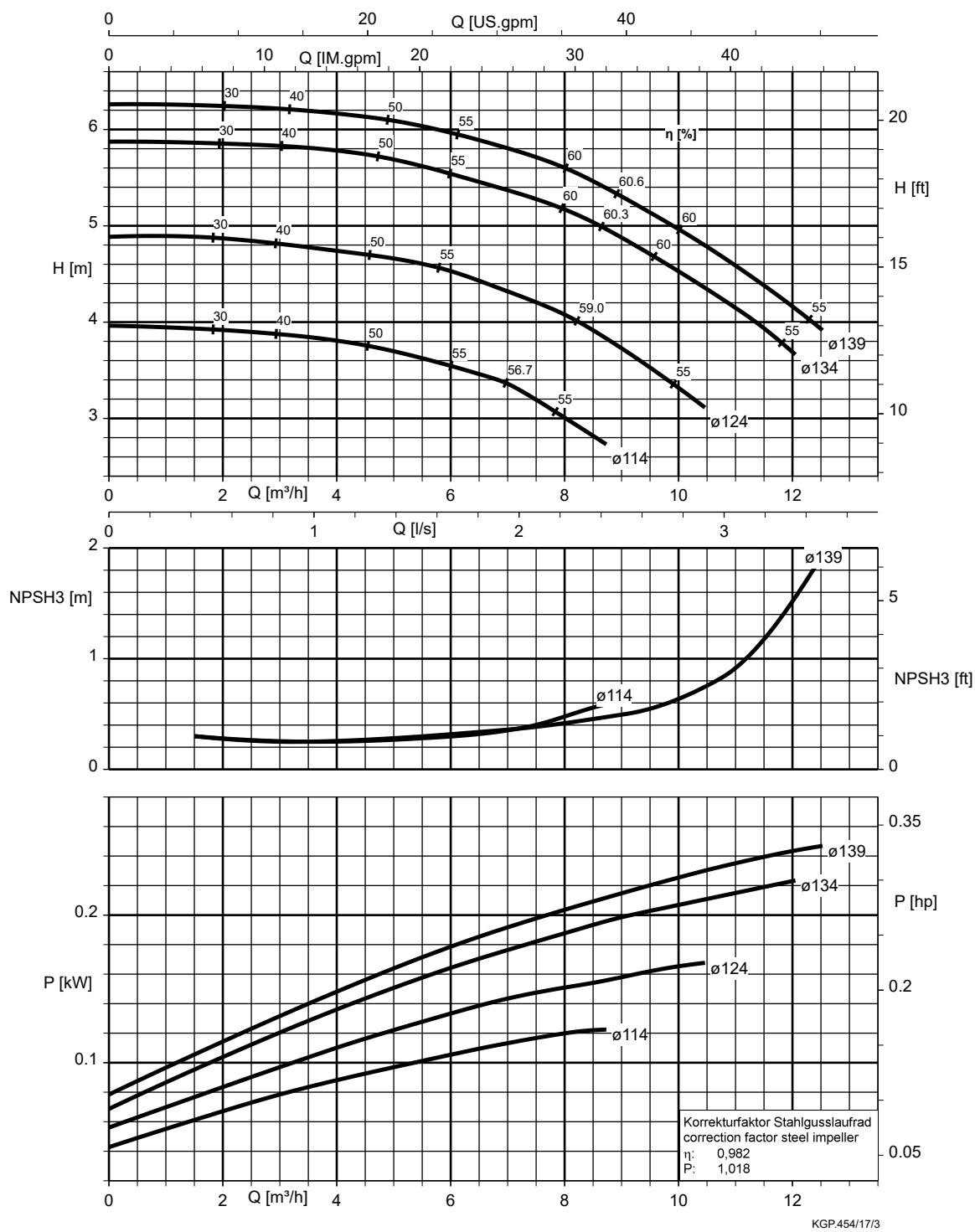
050-032-125, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



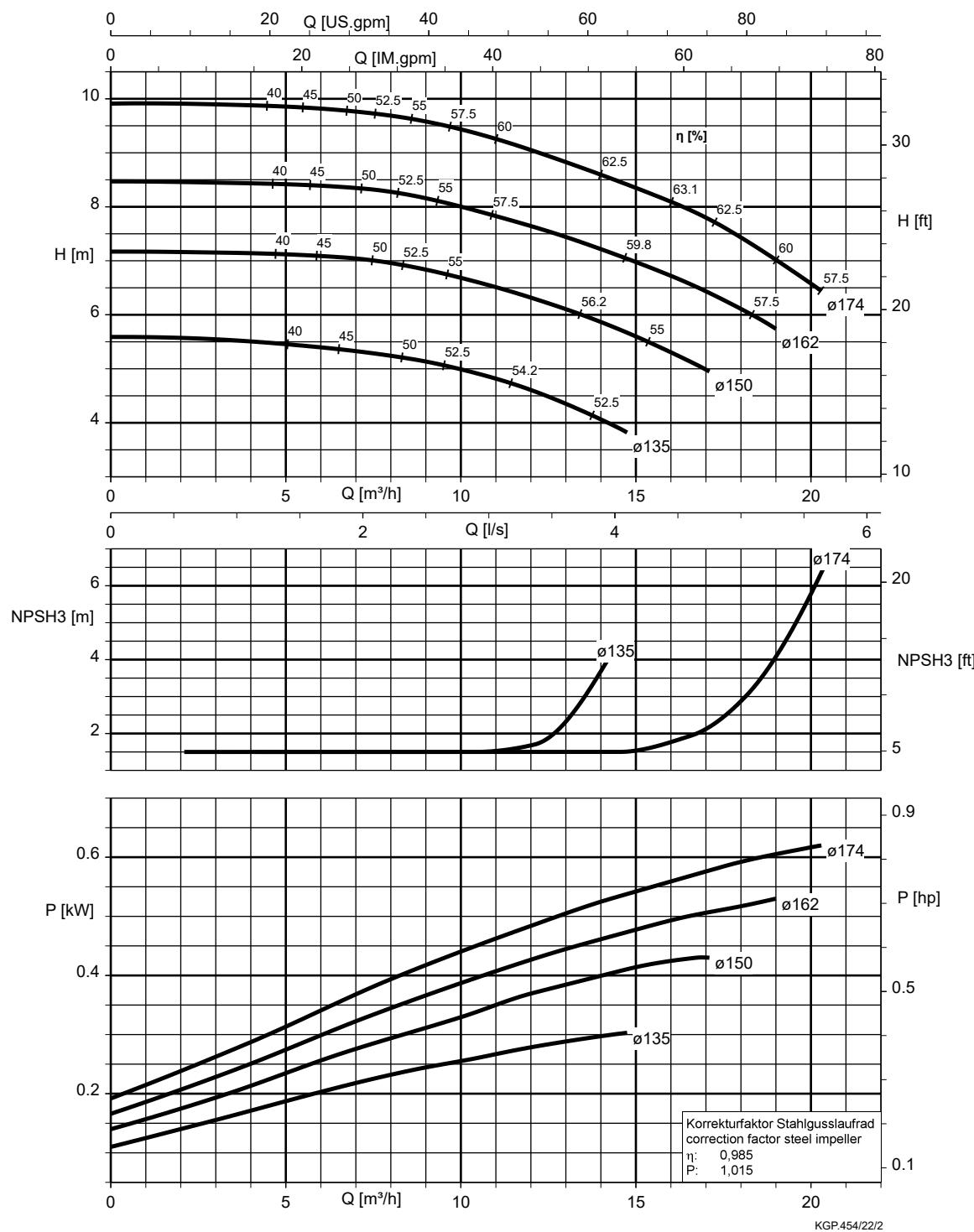
050-032-125.1, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



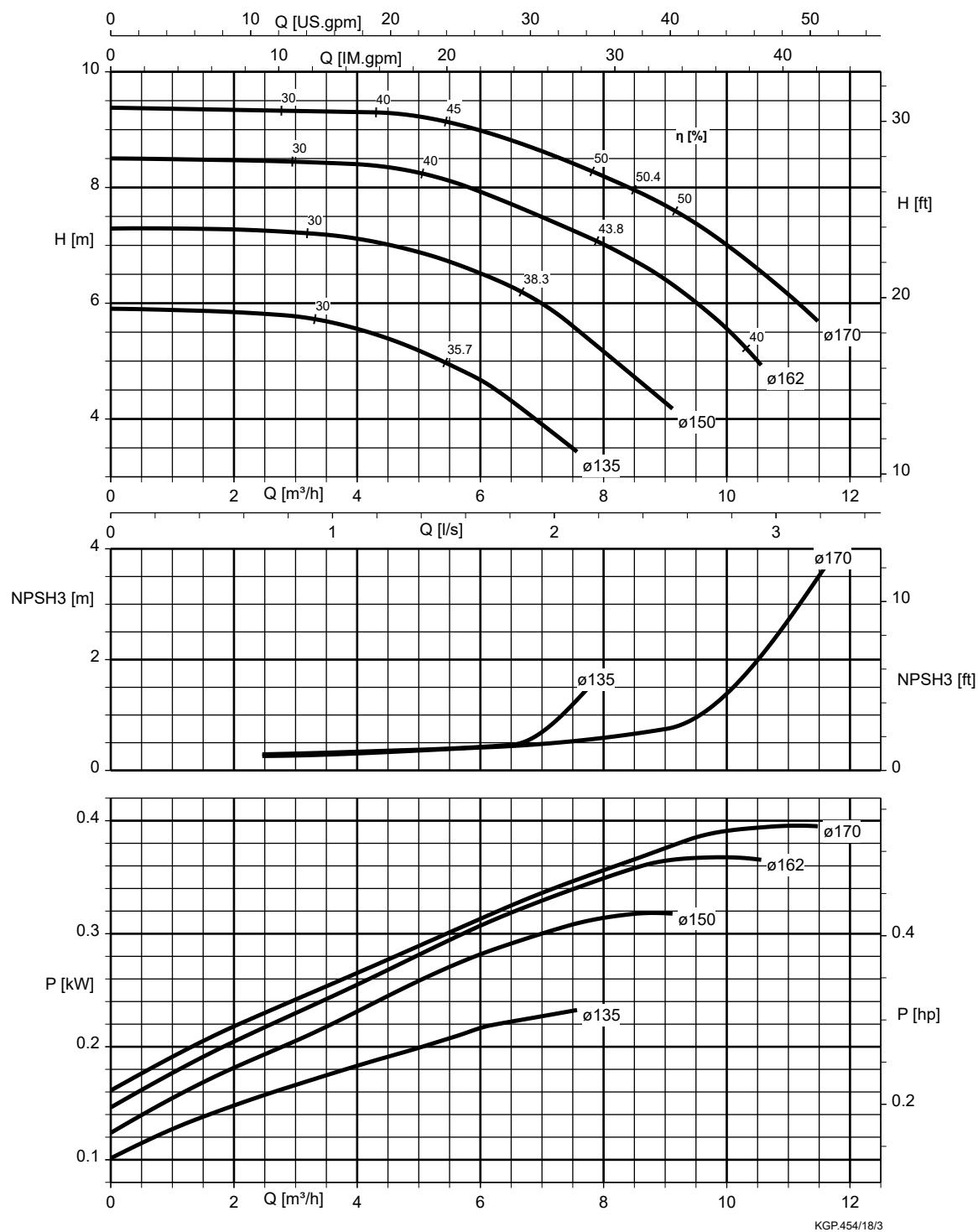
050-032-160, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



050-032-160.1, n = 1450 rpm

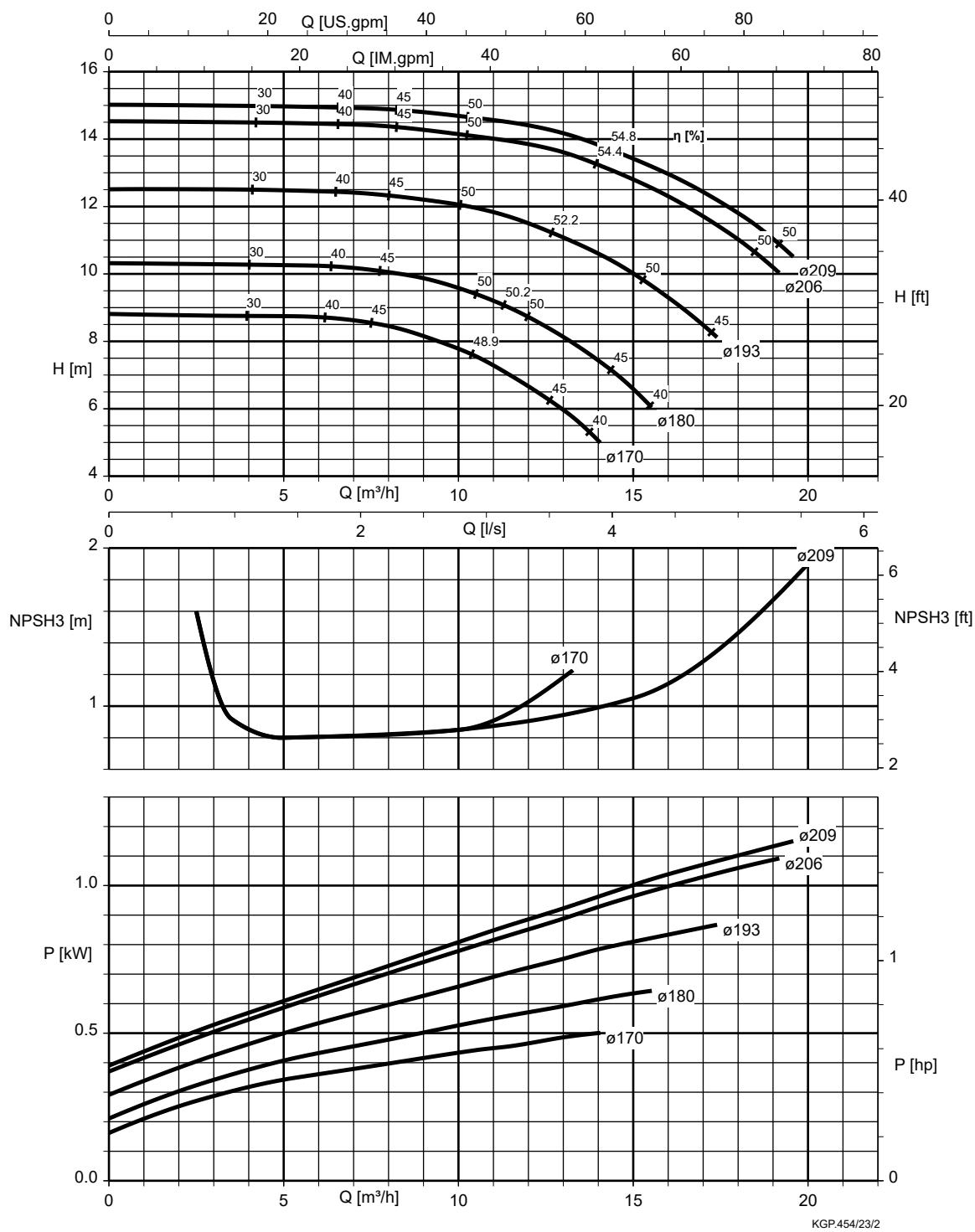
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.454/18/3

050-032-200, n = 1450 rpm

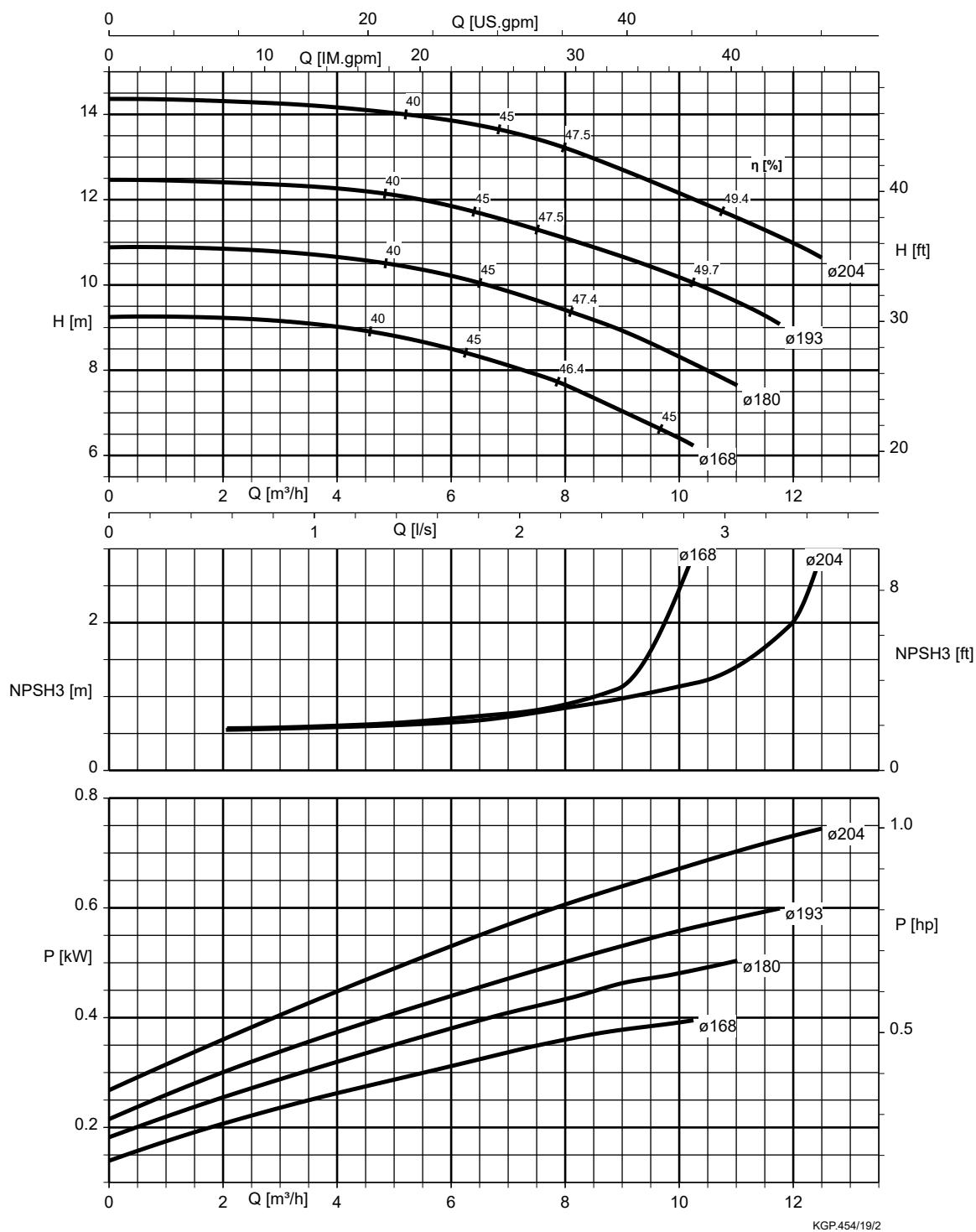
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.454/23/2

050-032-200.1, n = 1450 rpm

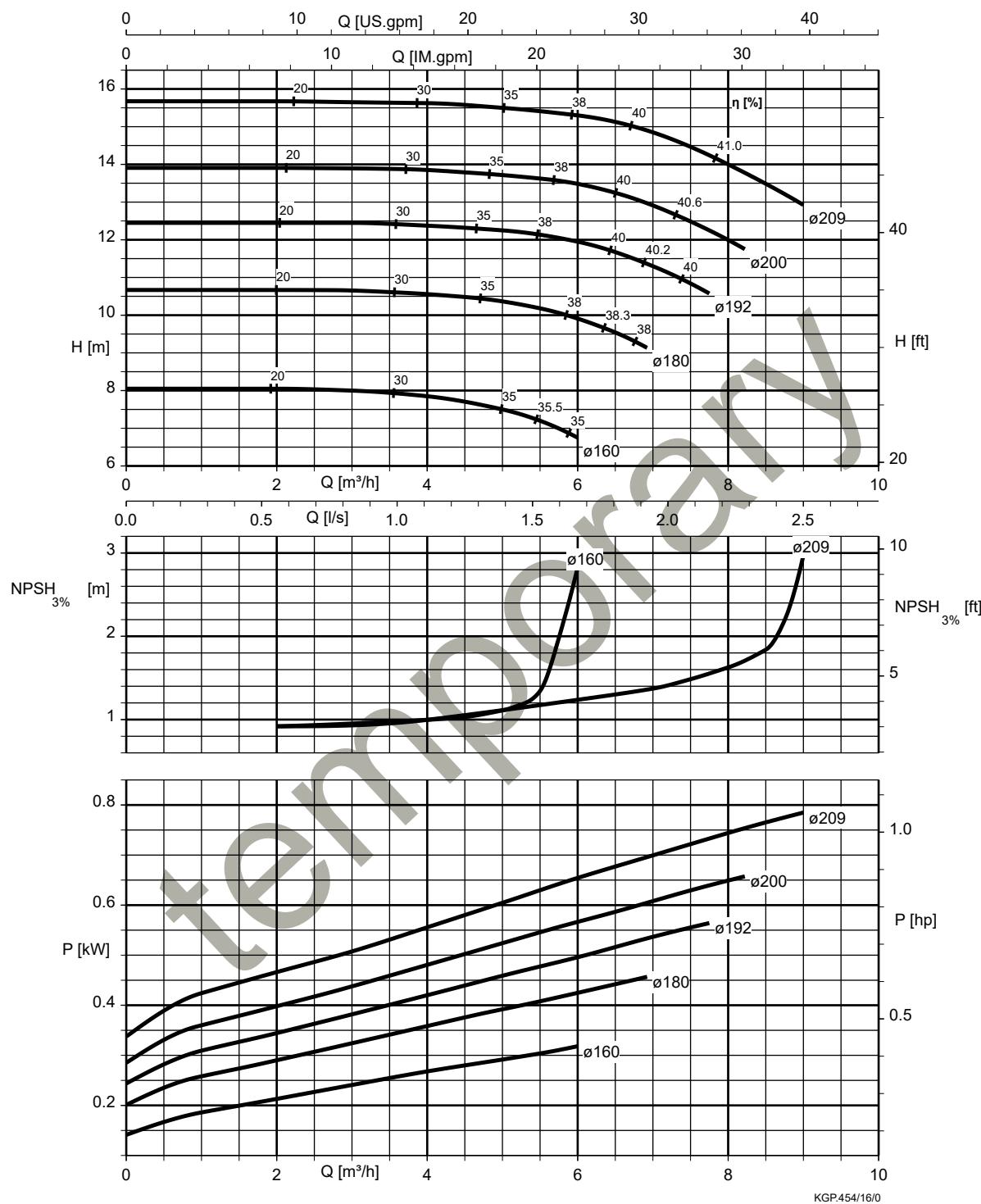
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.454/19/2

050-032-200.2, n = 1450 rpm

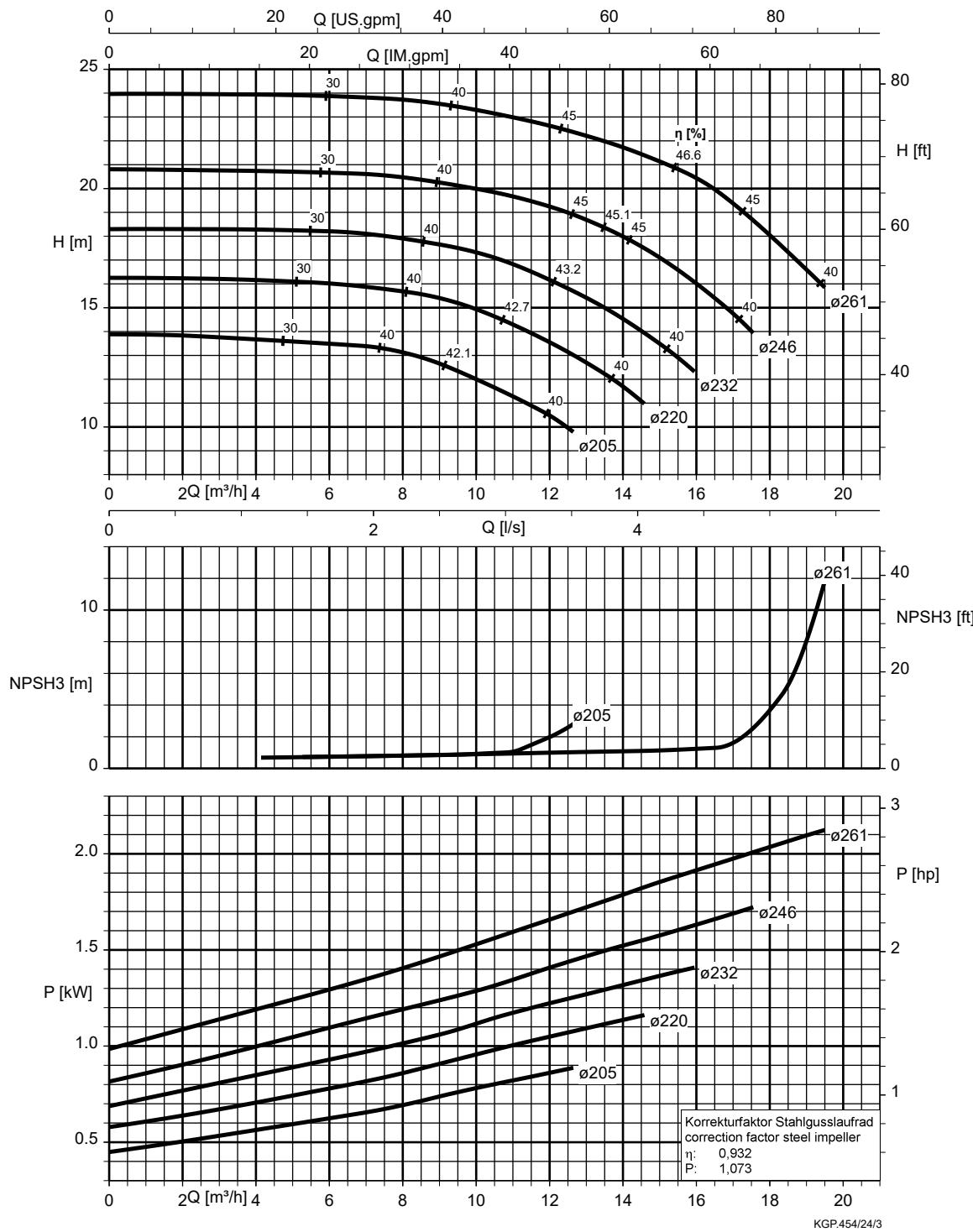
Magnochem, Magnochem-Bloc, MegaCPK



KGP.454/16/0

050-032-250, n = 1450 rpm

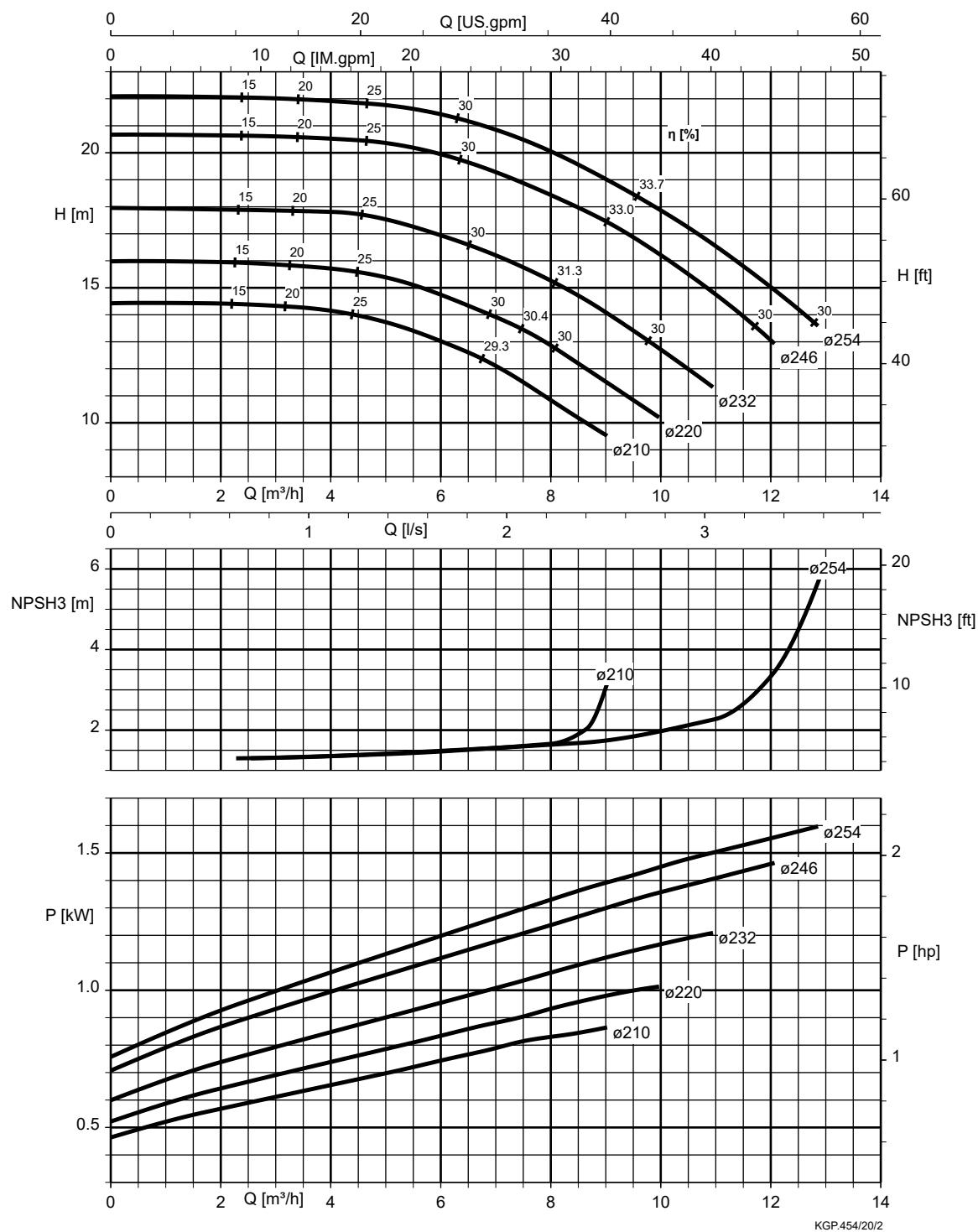
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.454/24/3

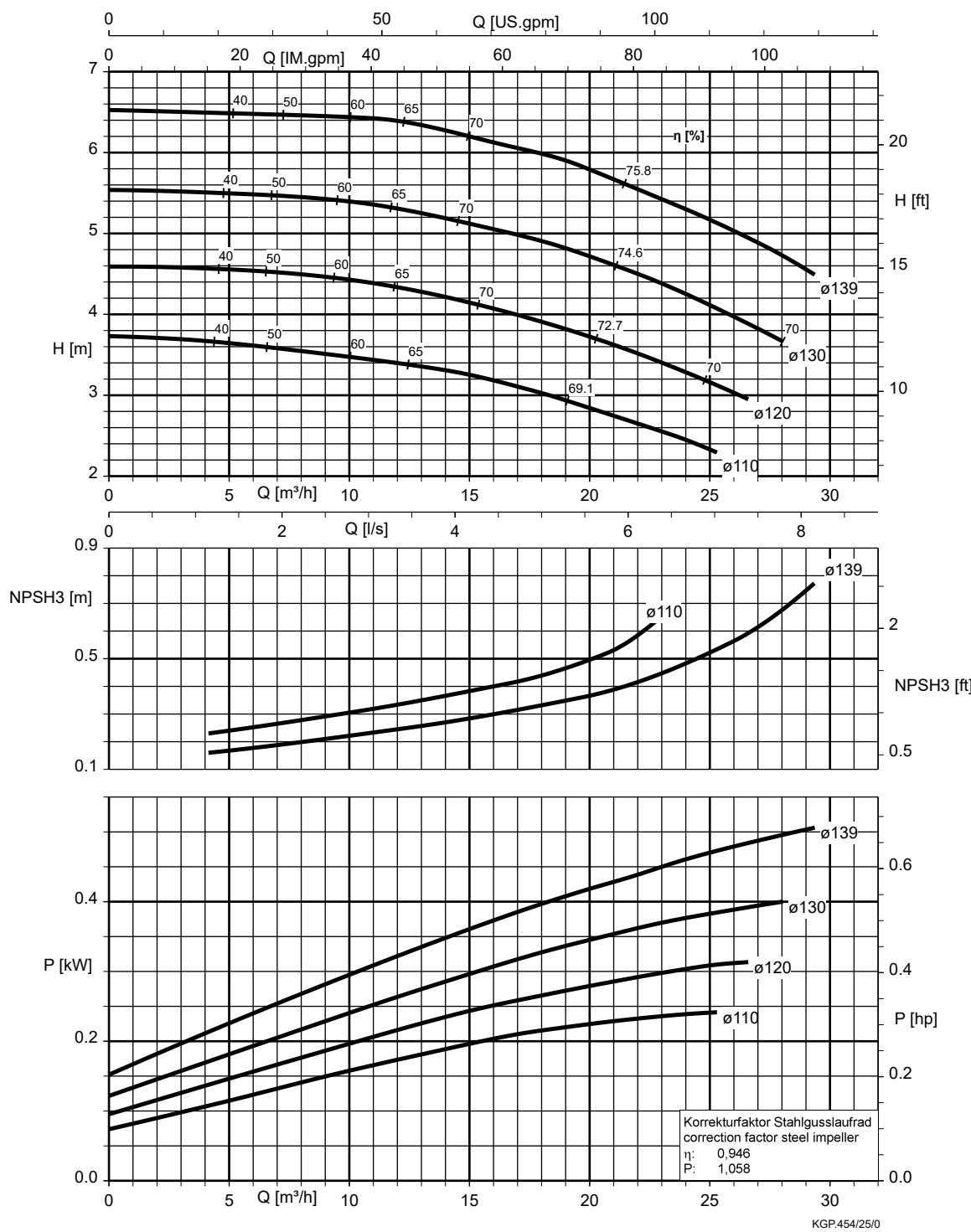
050-032-250.1, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



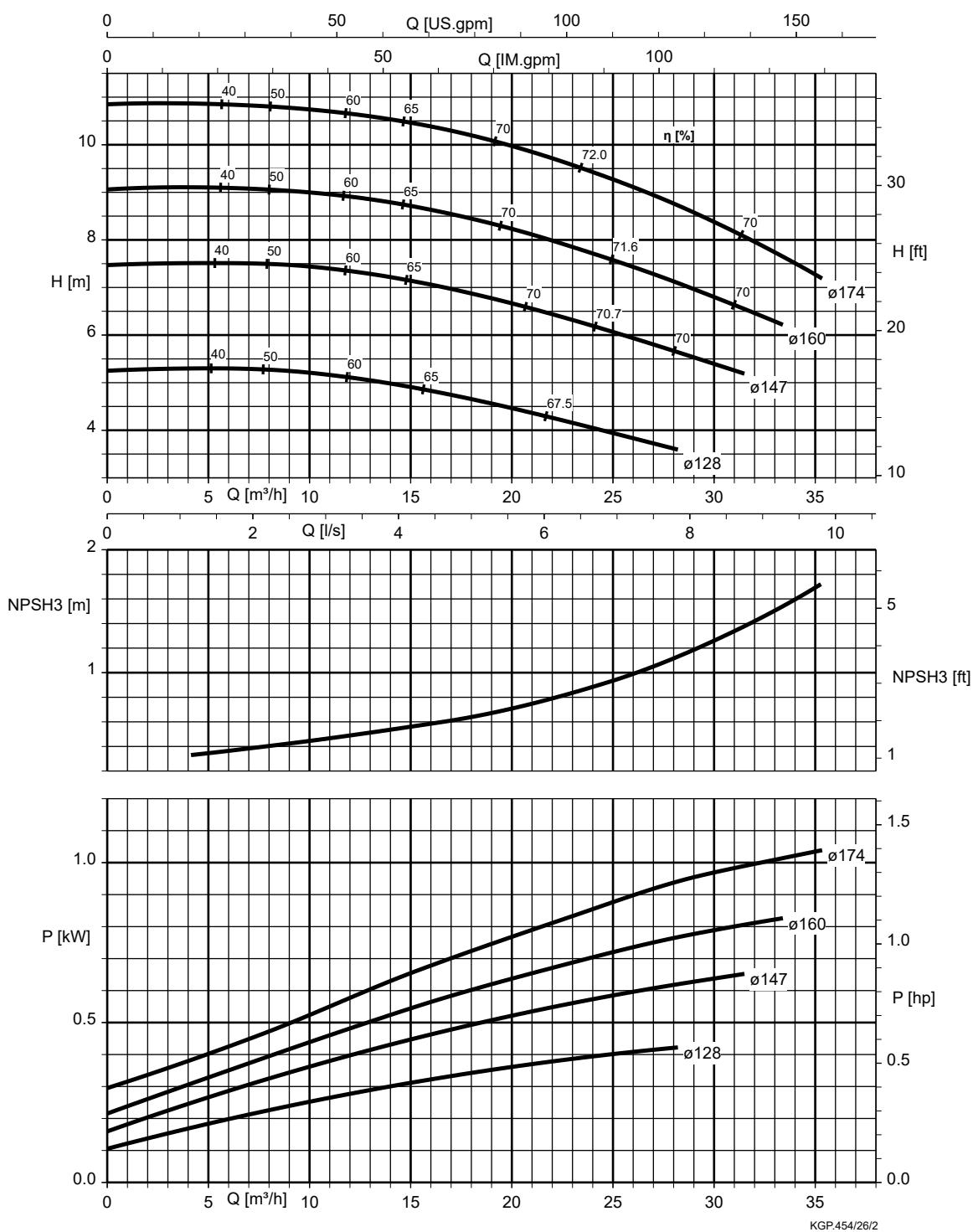
065-040-125, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



065-040-160, n = 1450 rpm

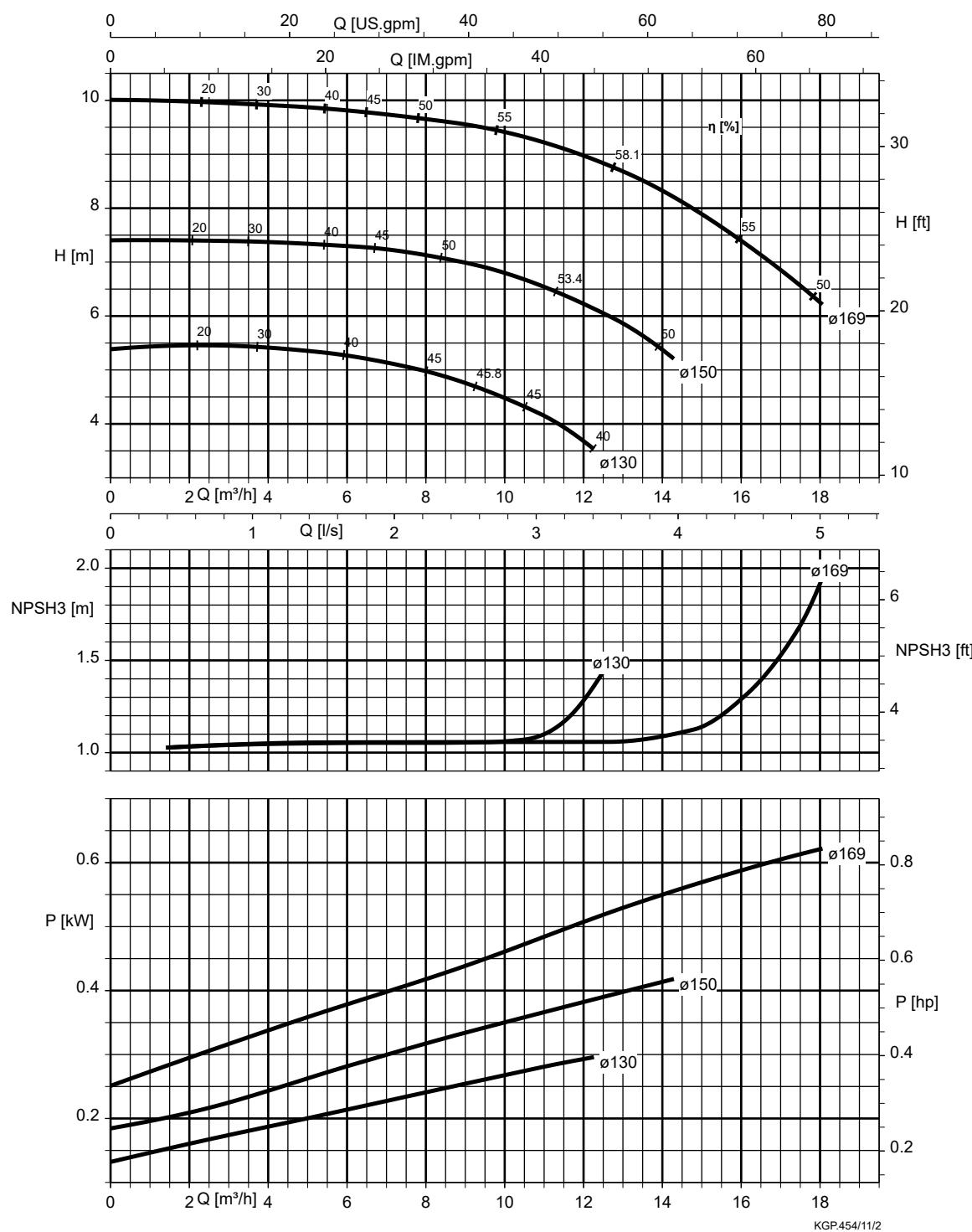
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.454/26/2

065-040-160.1, n = 1450 rpm

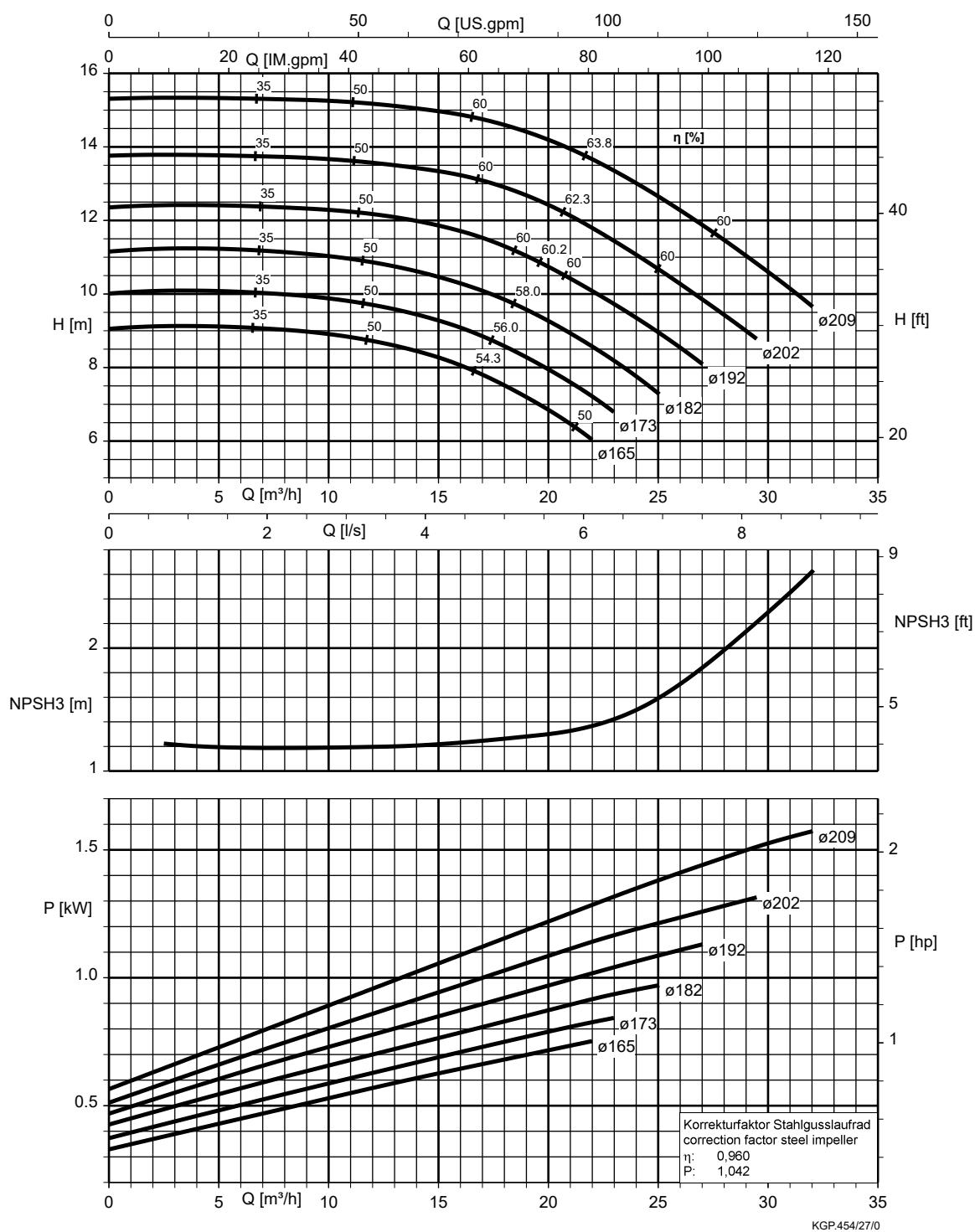
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK



KGP.454/11/2

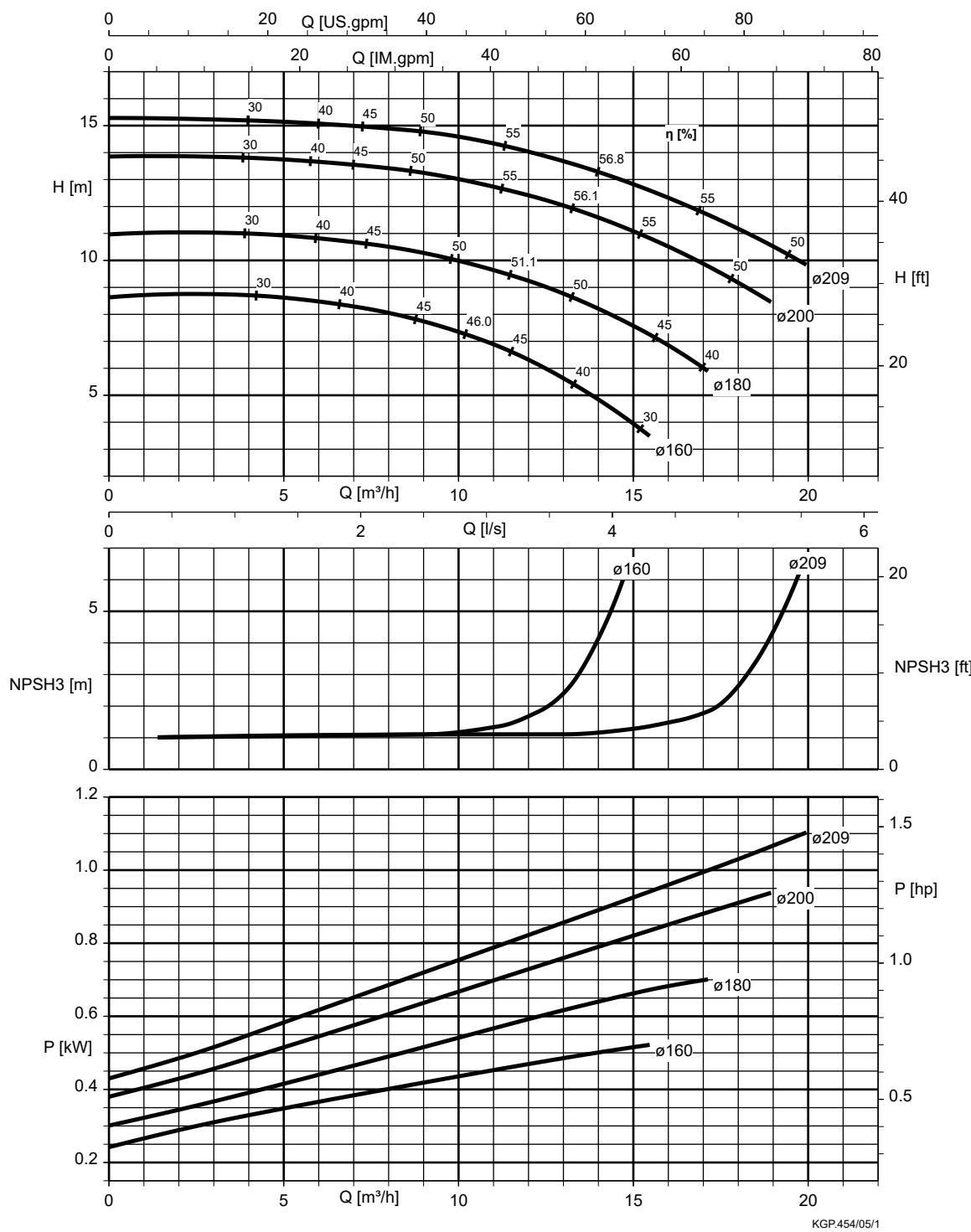
065-040-200, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



065-040-200.1, n = 1450 rpm

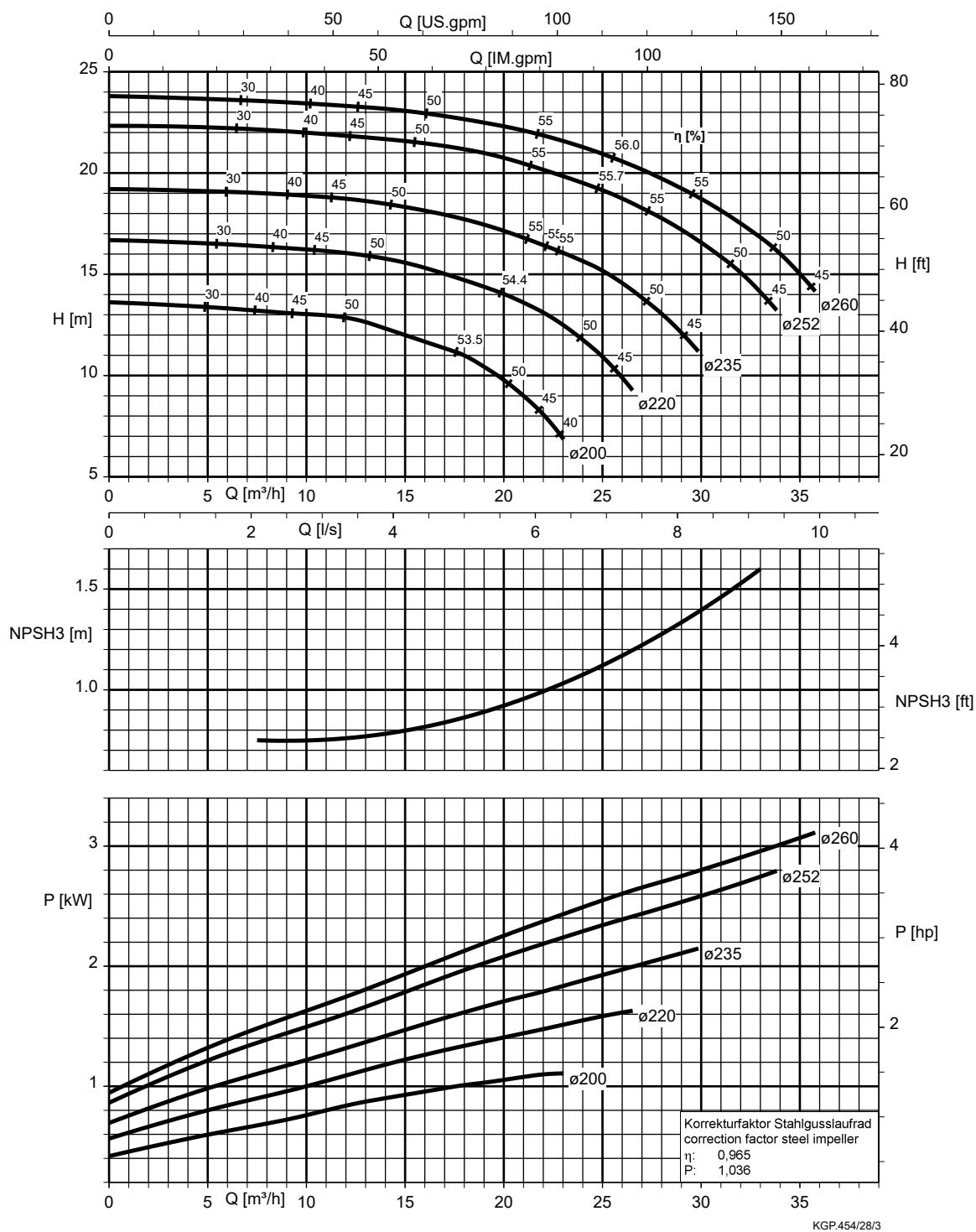
Magnochem, Magnochem-Bloc, MegaCPK



KGP.454/05/1

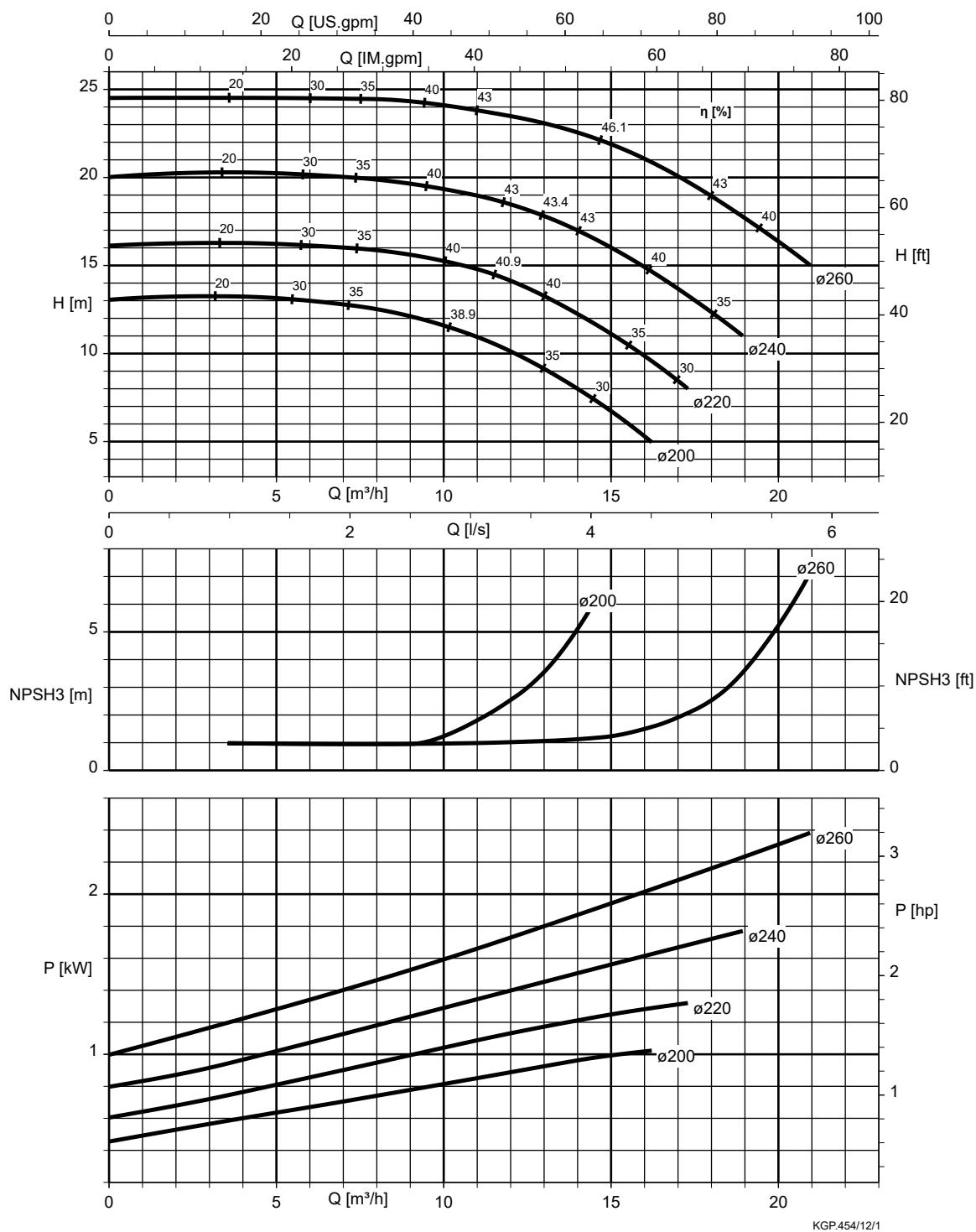
065-040-250, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



065-040-250.1, n = 1450 rpm

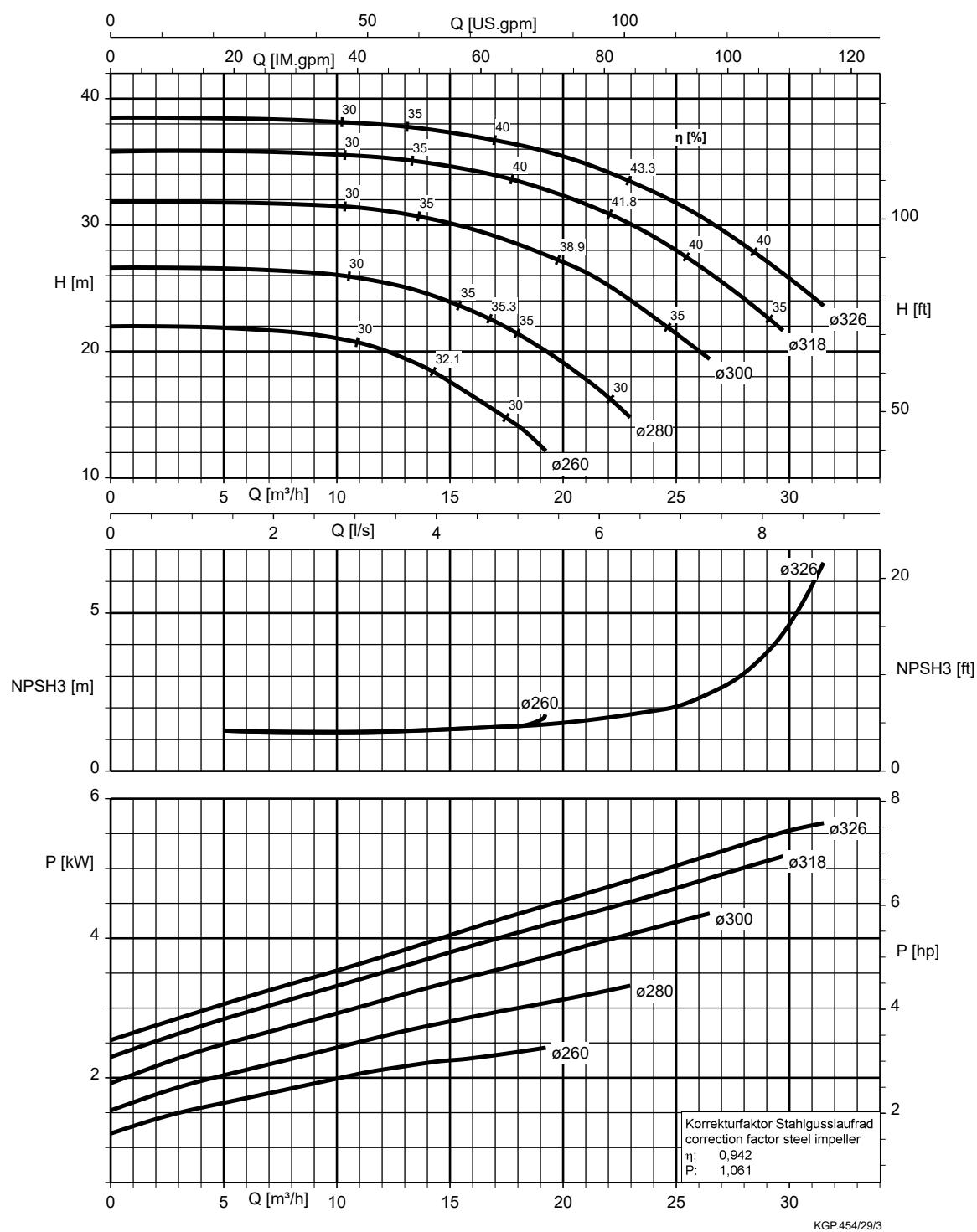
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK



KGP.454/12/1

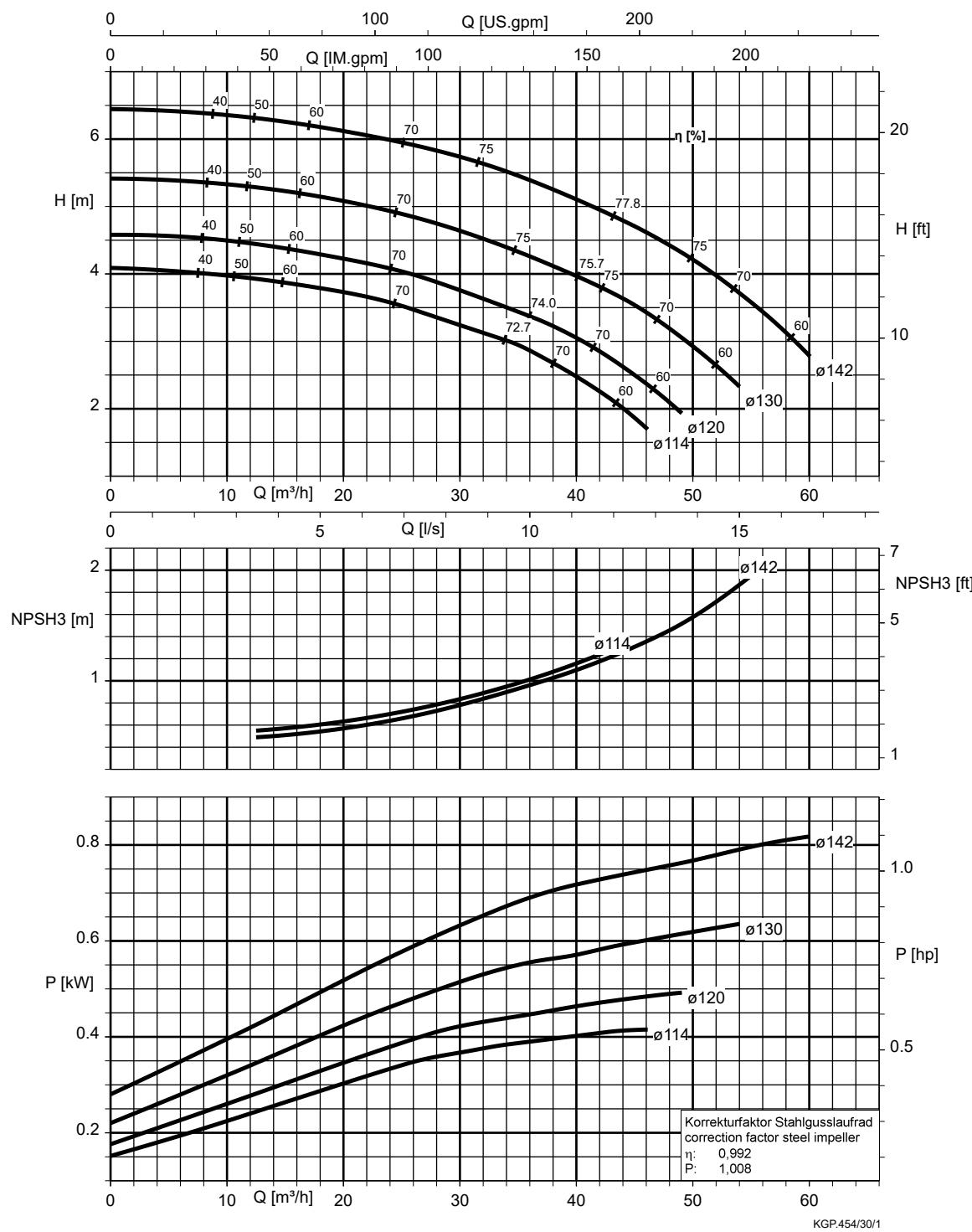
065-040-315, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



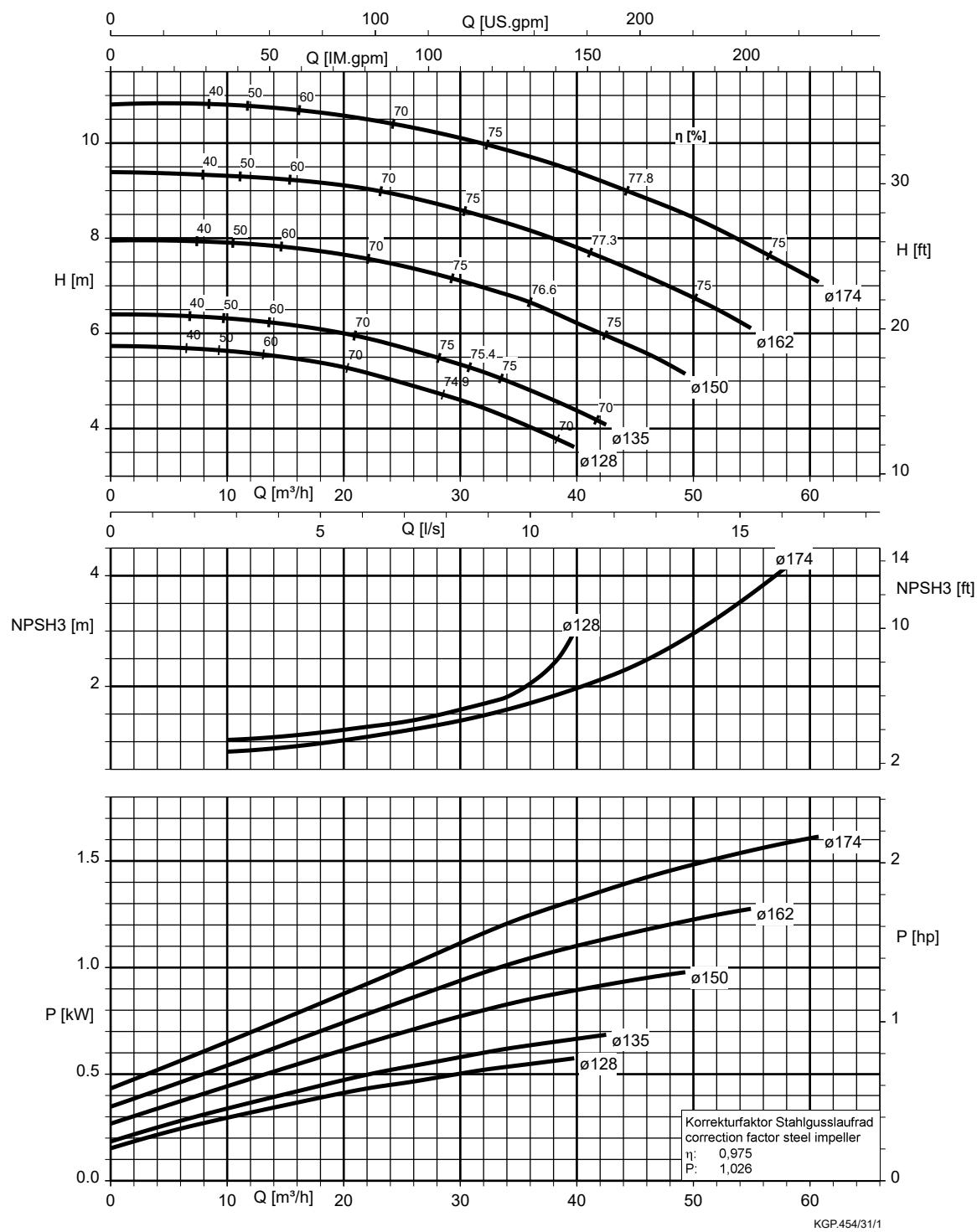
080-050-125, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



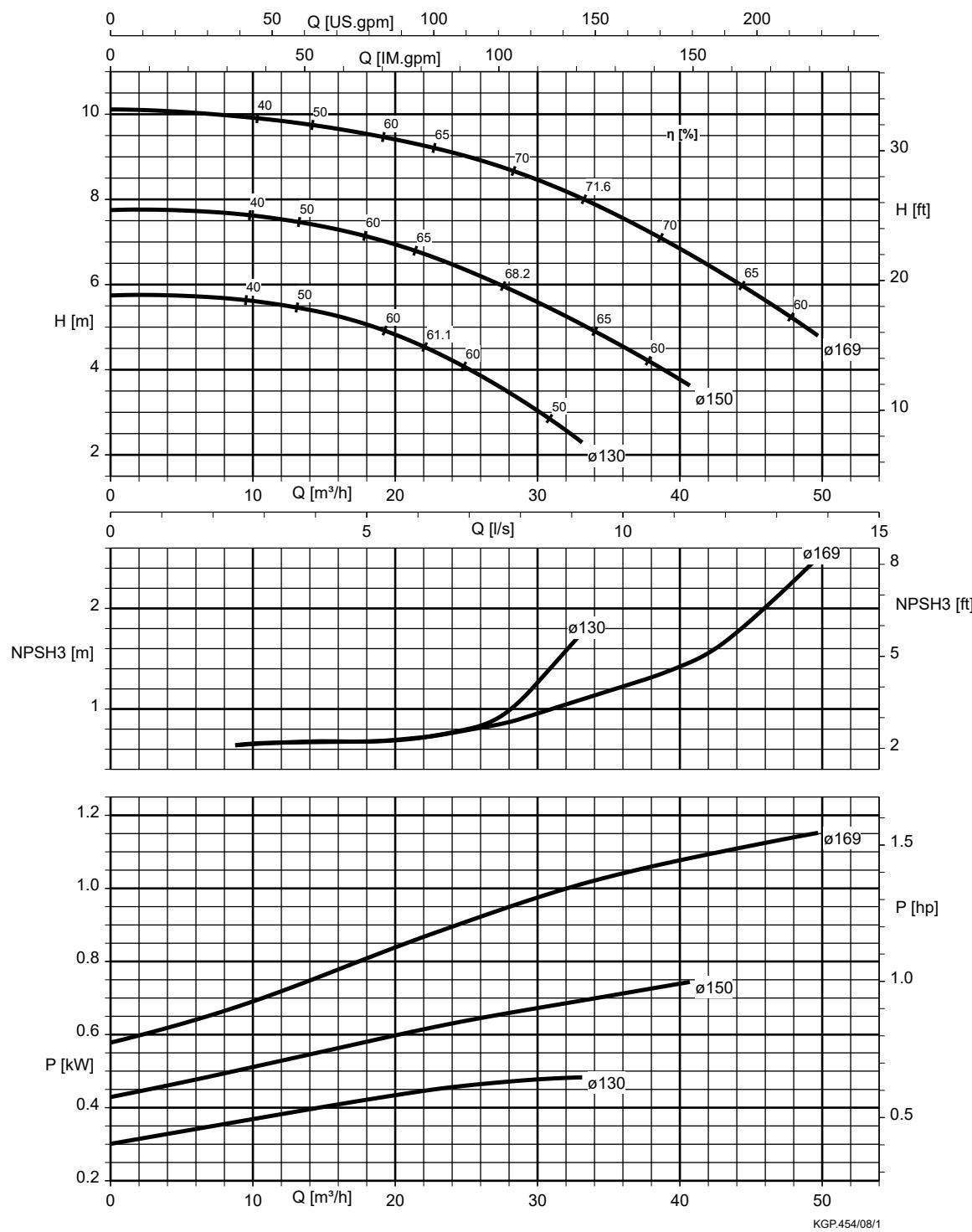
080-050-160, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



080-050-160.1, n = 1450 rpm

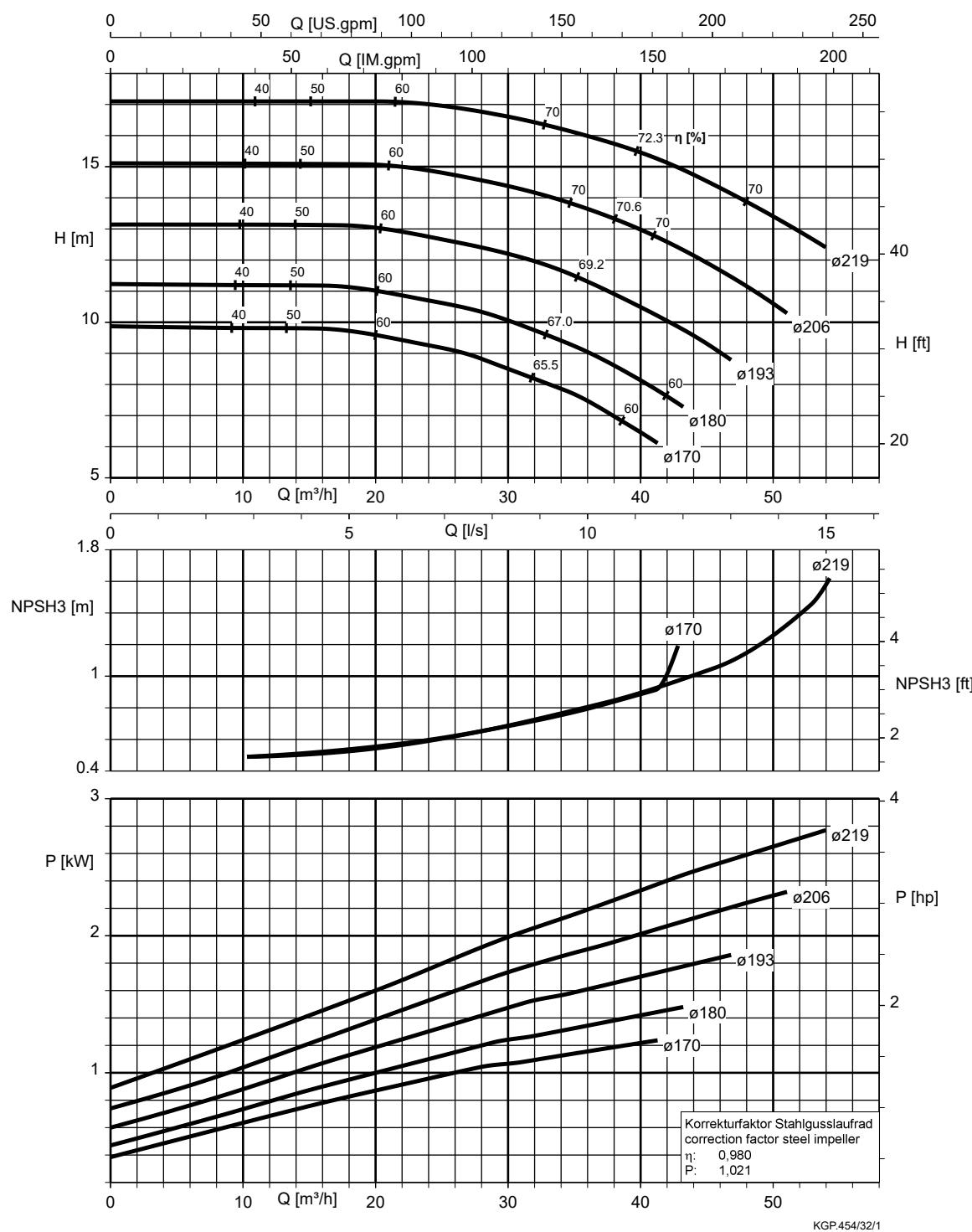
Magnochem, Magnochem-Bloc, MegaCPK



KGP.454/08/1

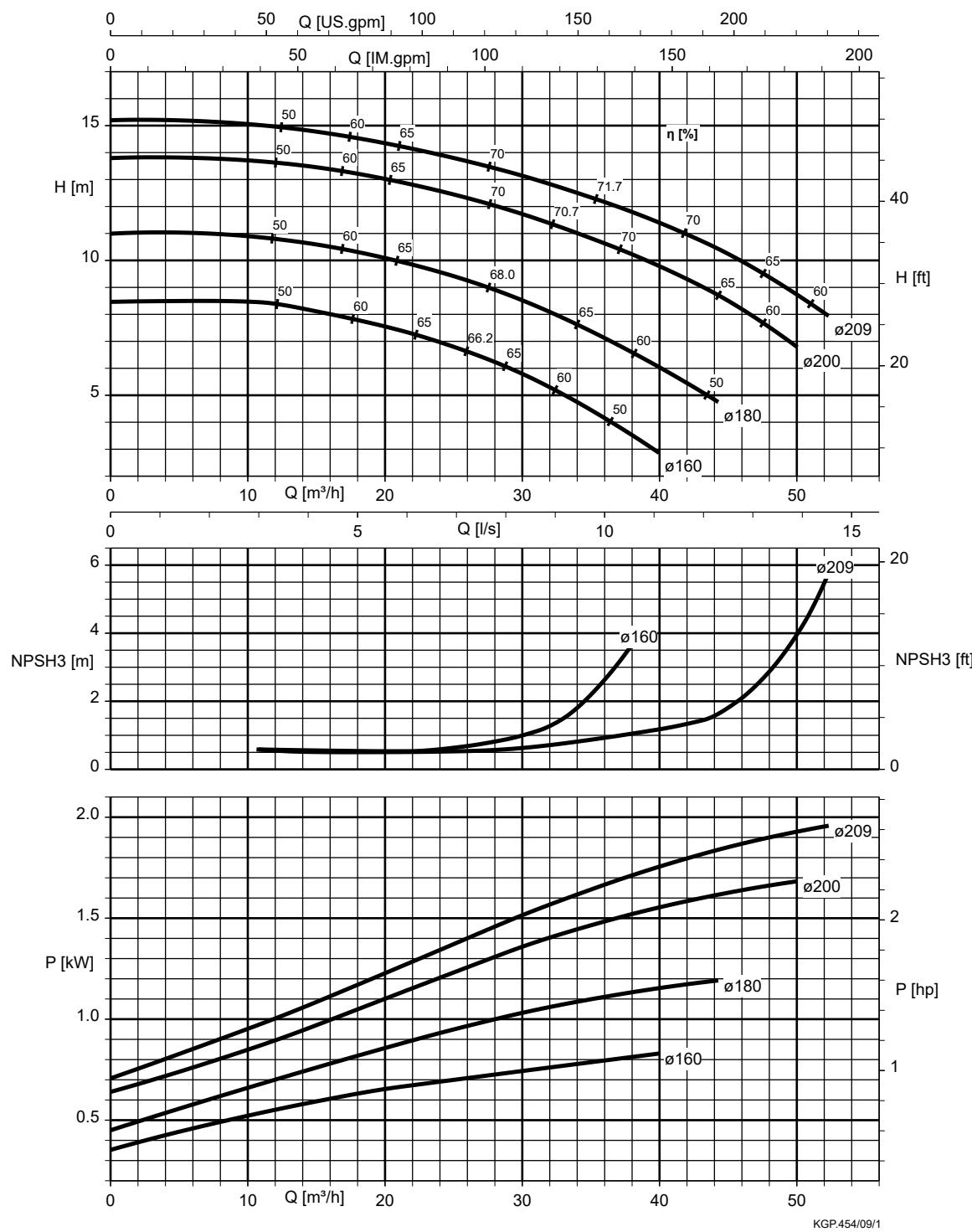
080-050-200, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



080-050-200.1, n = 1450 rpm

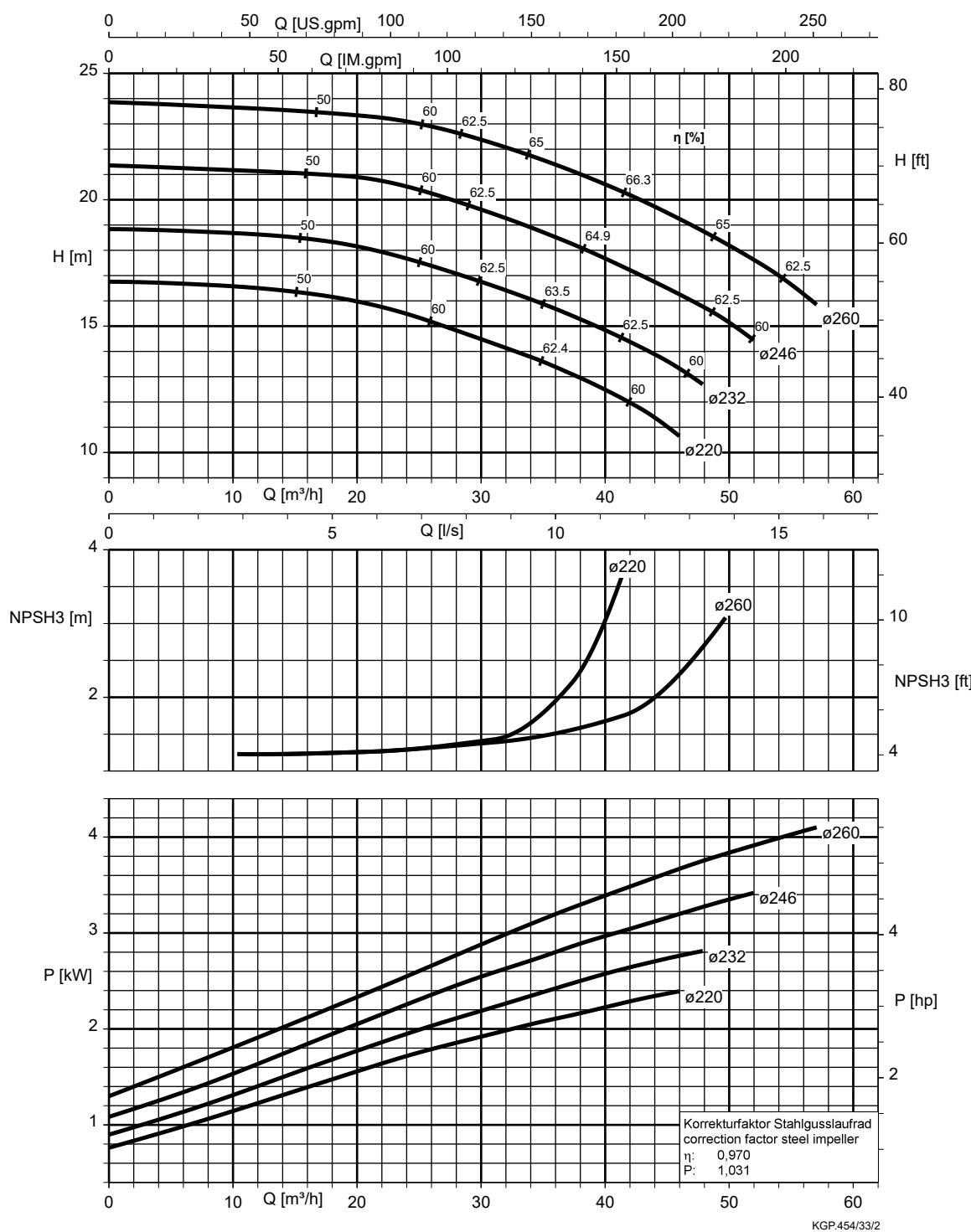
Magnochem, Magnochem-Bloc, MegaCPK



KGP.454/09/1

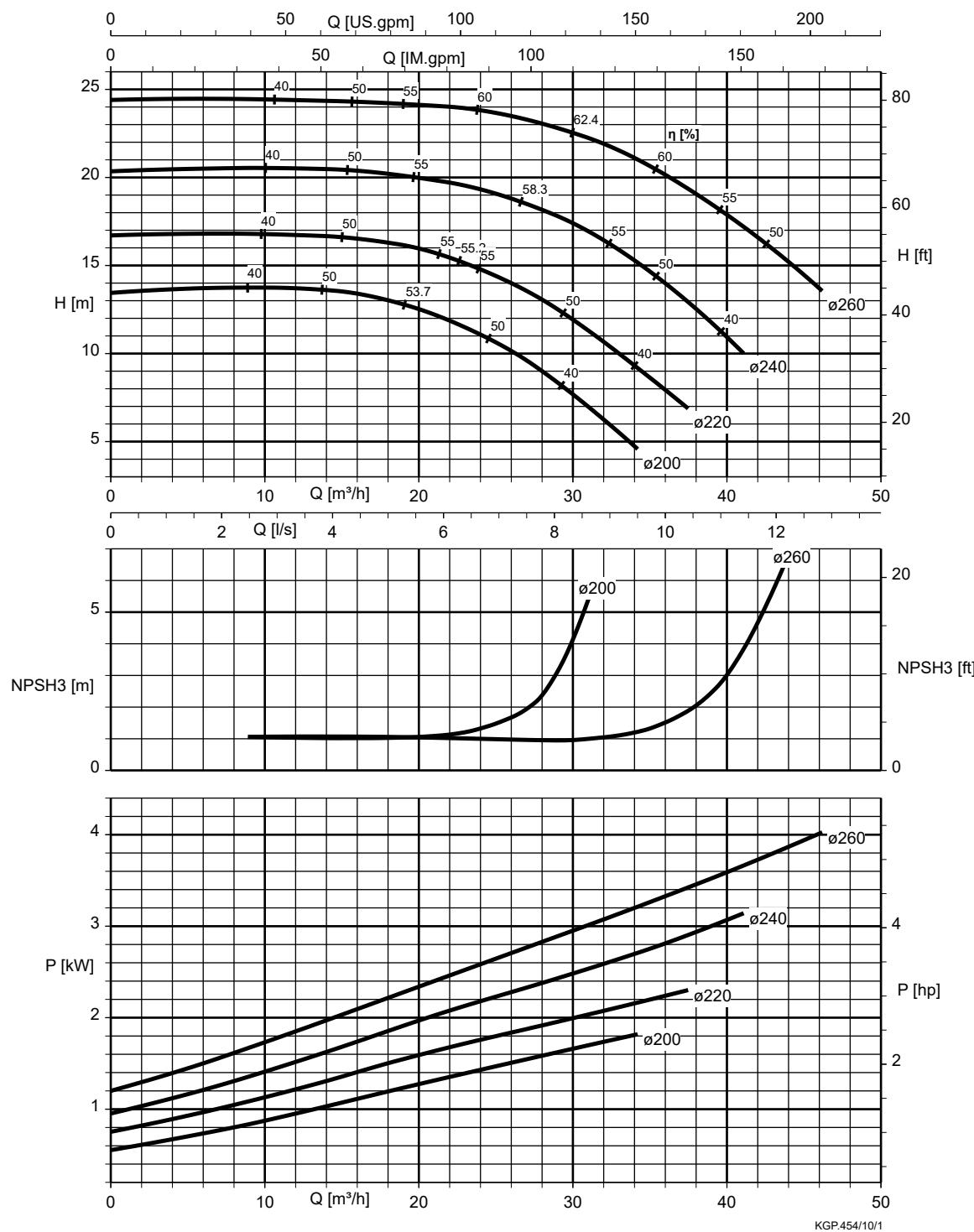
080-050-250, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



080-050-250.1, n = 1450 rpm

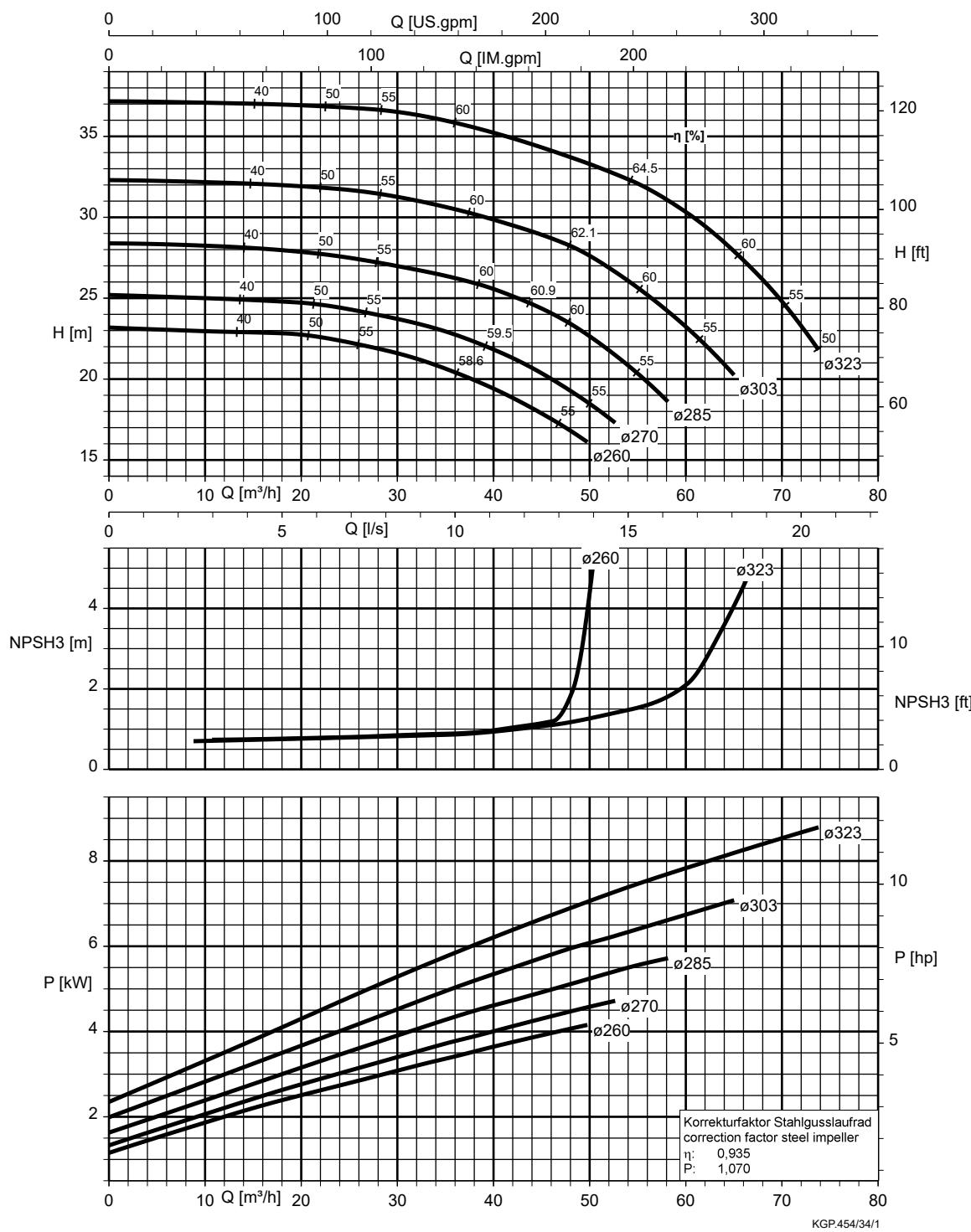
Magnochem, Magnochem-Bloc, MegaCPK



KGP.454/10/1

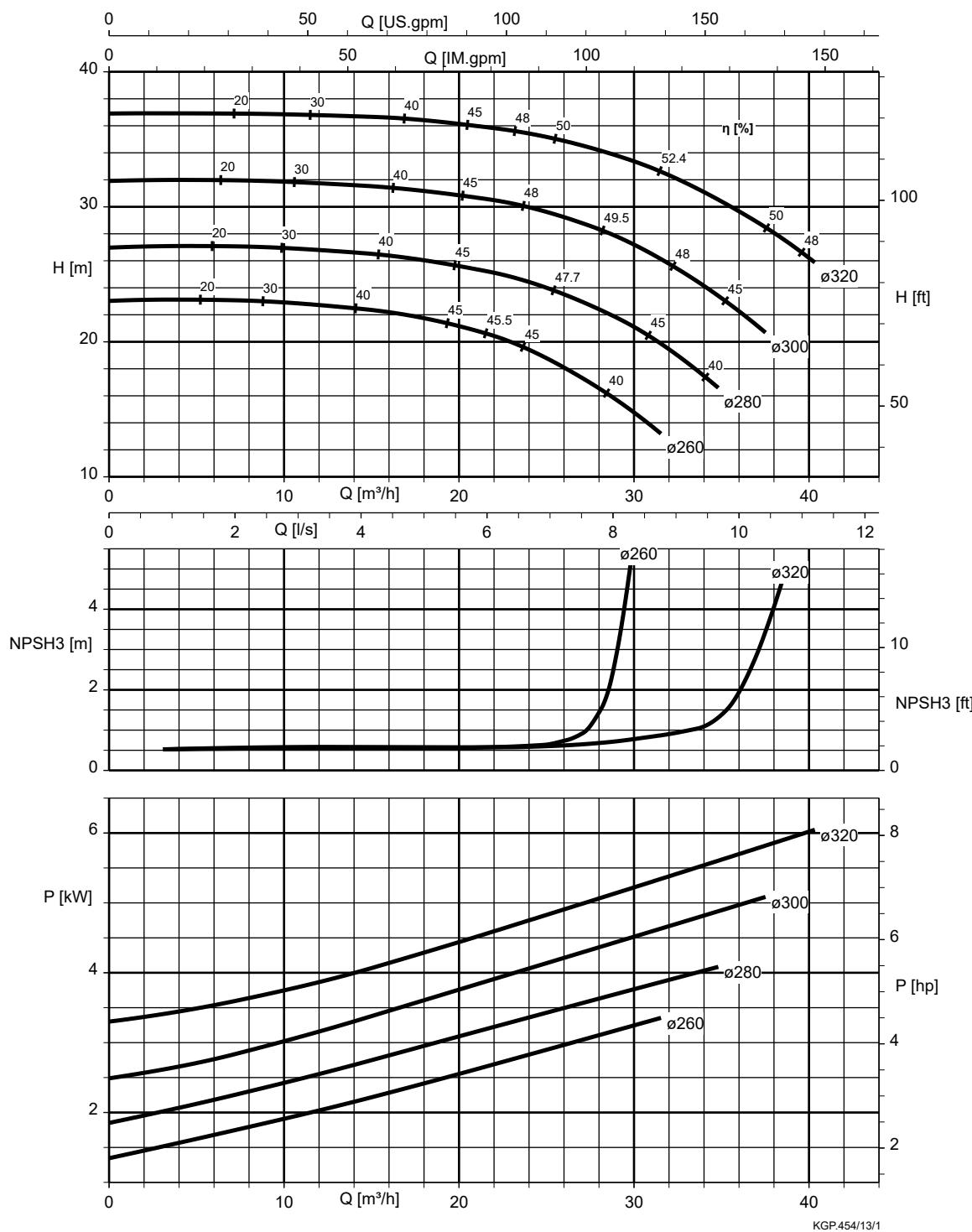
080-050-315, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



080-050-315.1, n = 1450 rpm

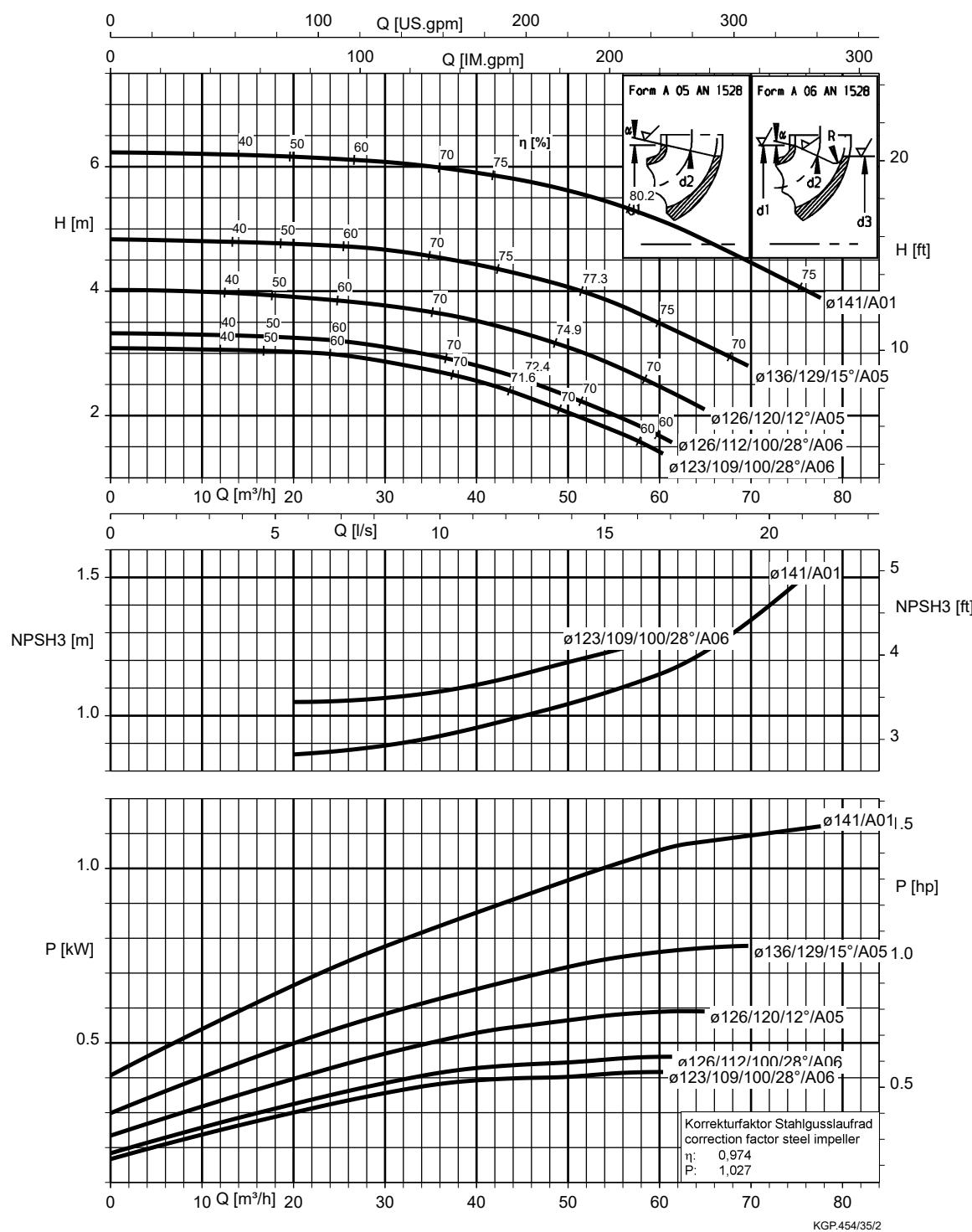
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK



KGP.454/13/I

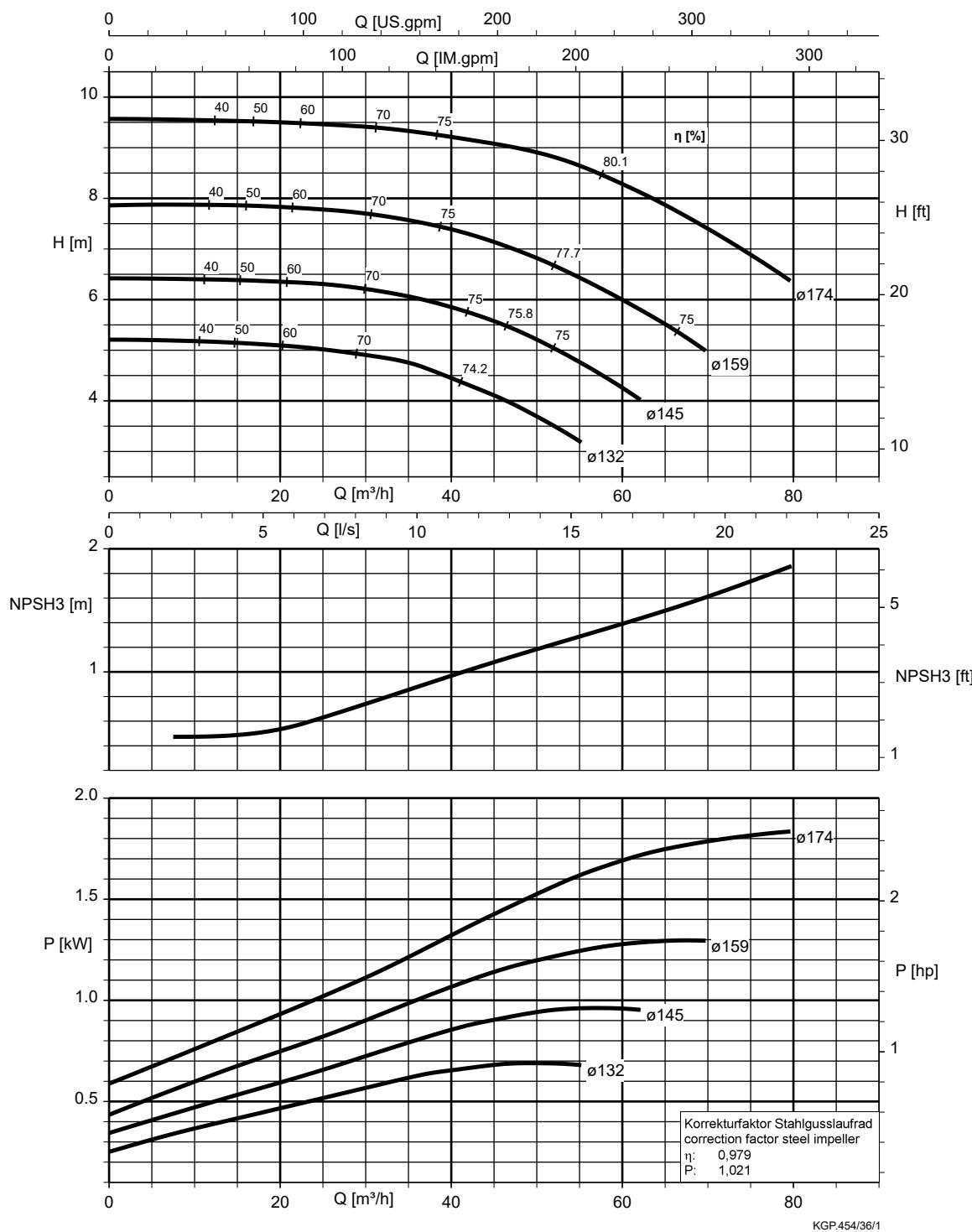
100-065-125, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



100-065-160, n = 1450 rpm

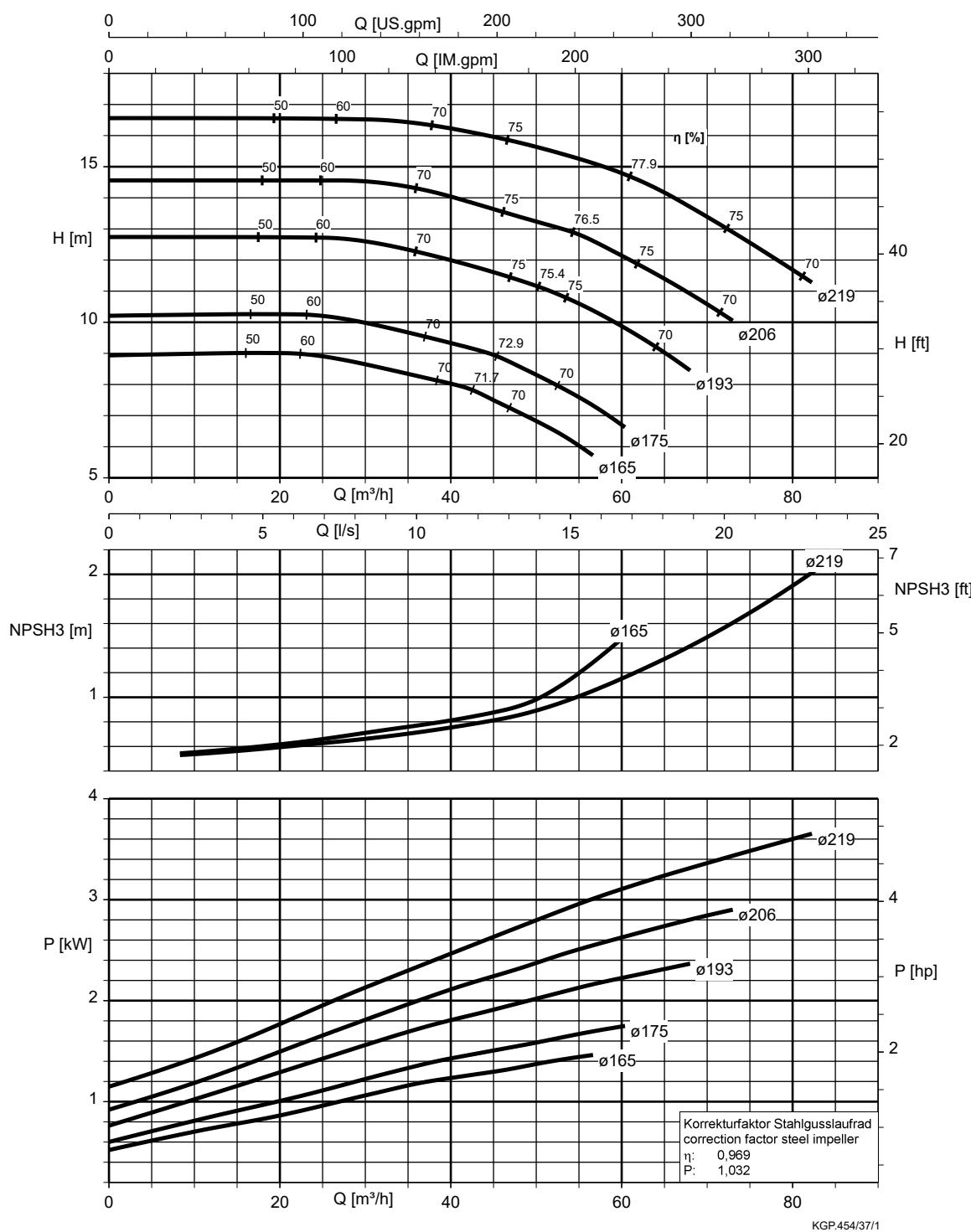
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.454/36/1

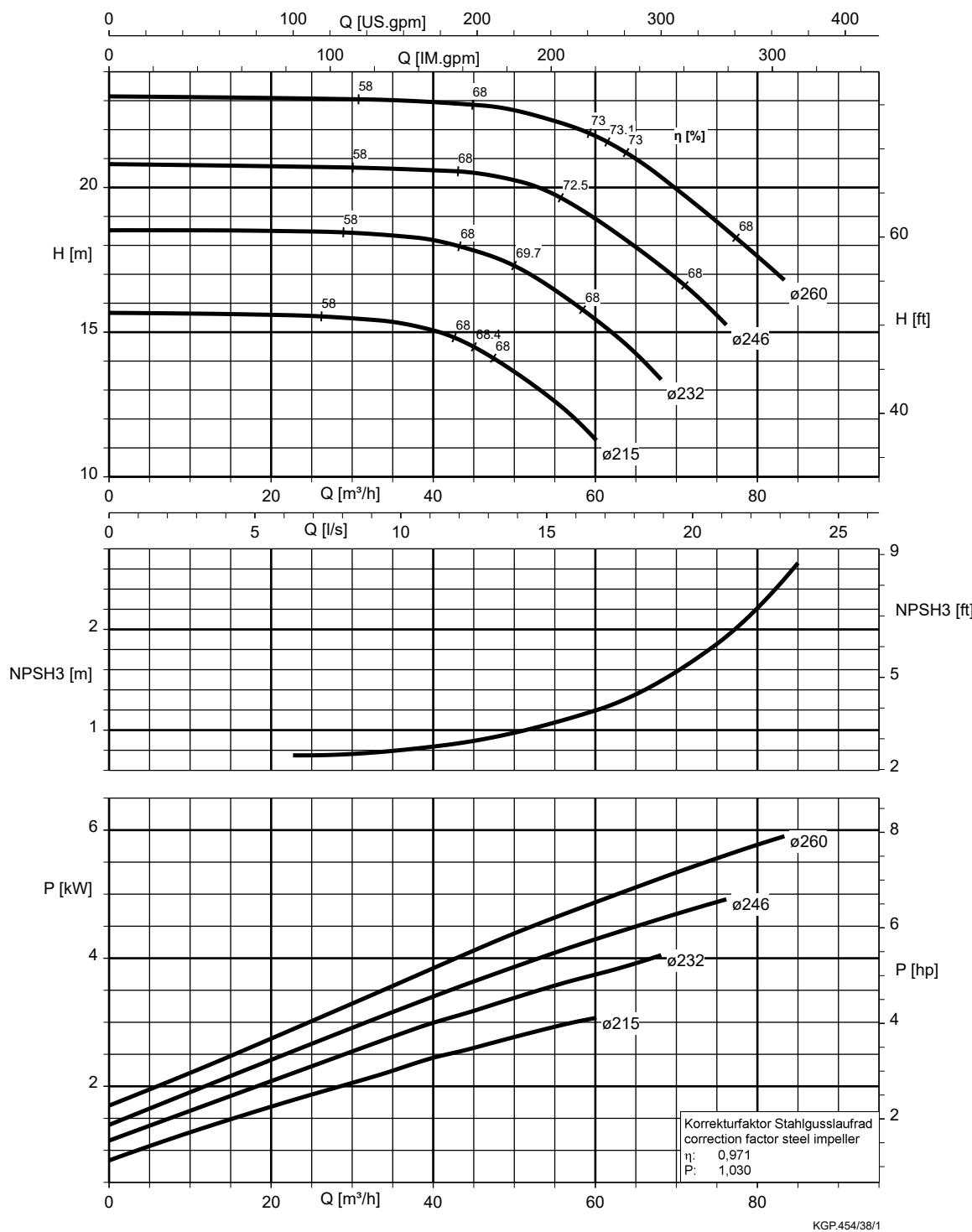
100-065-200, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



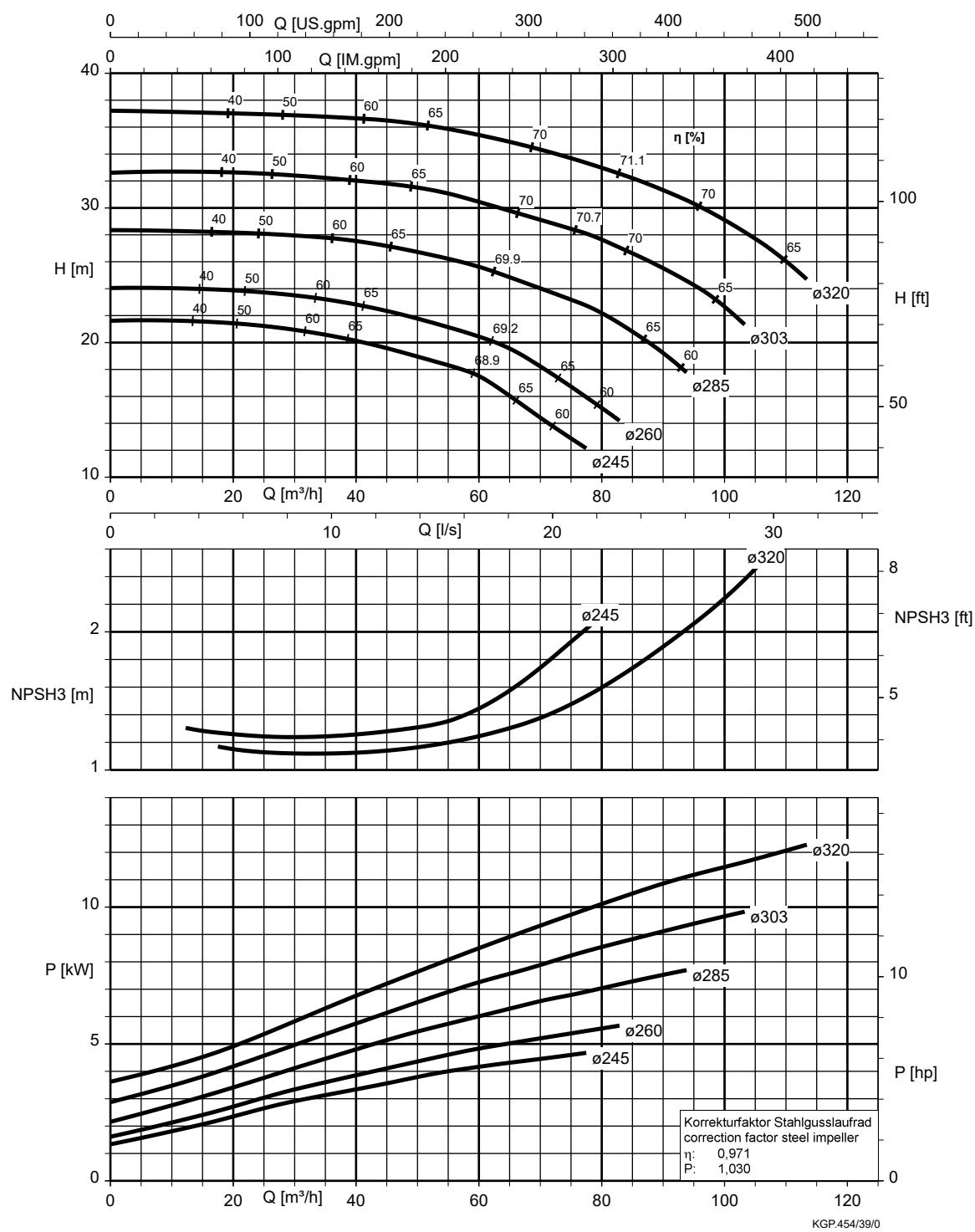
100-065-250, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



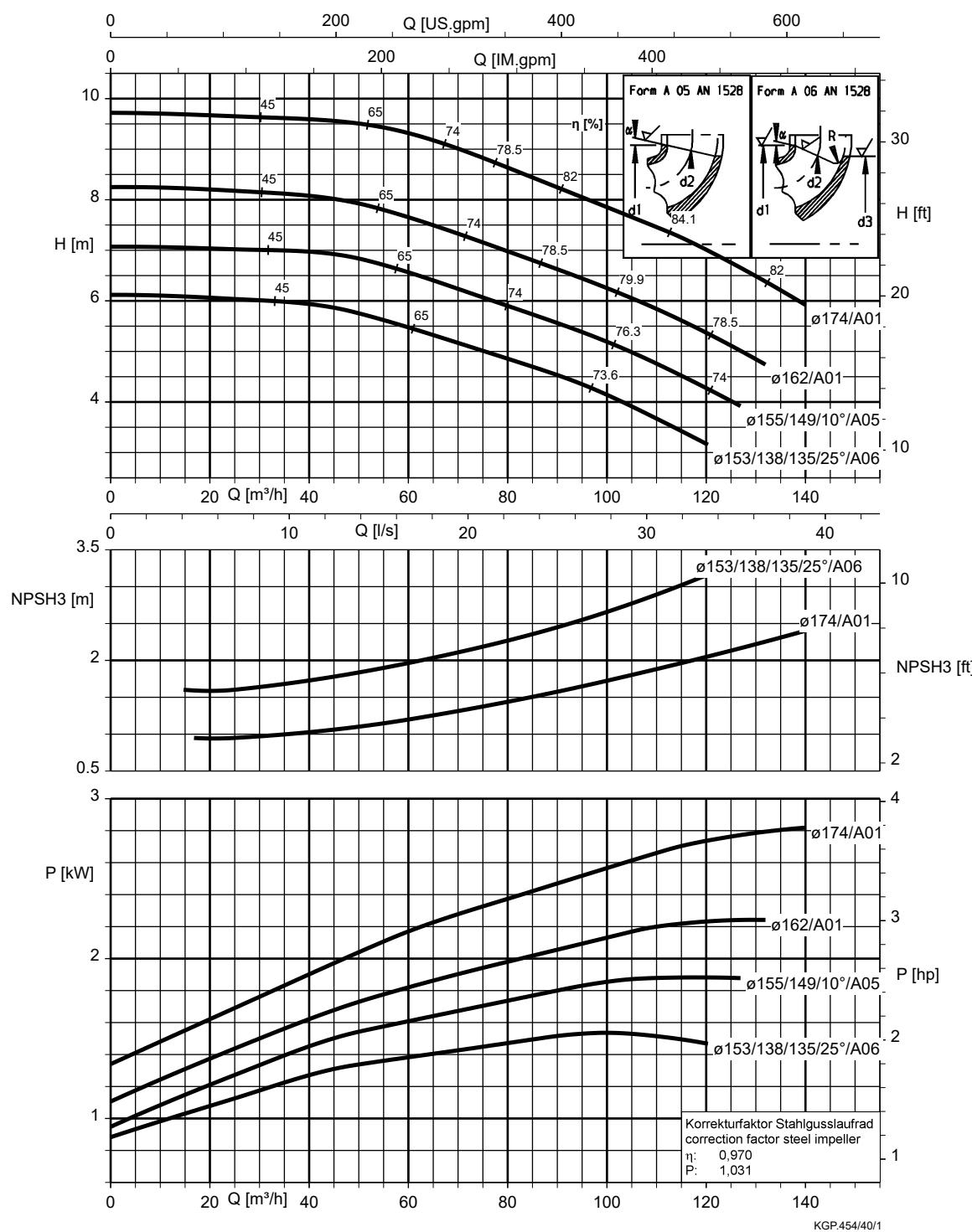
100-065-315, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



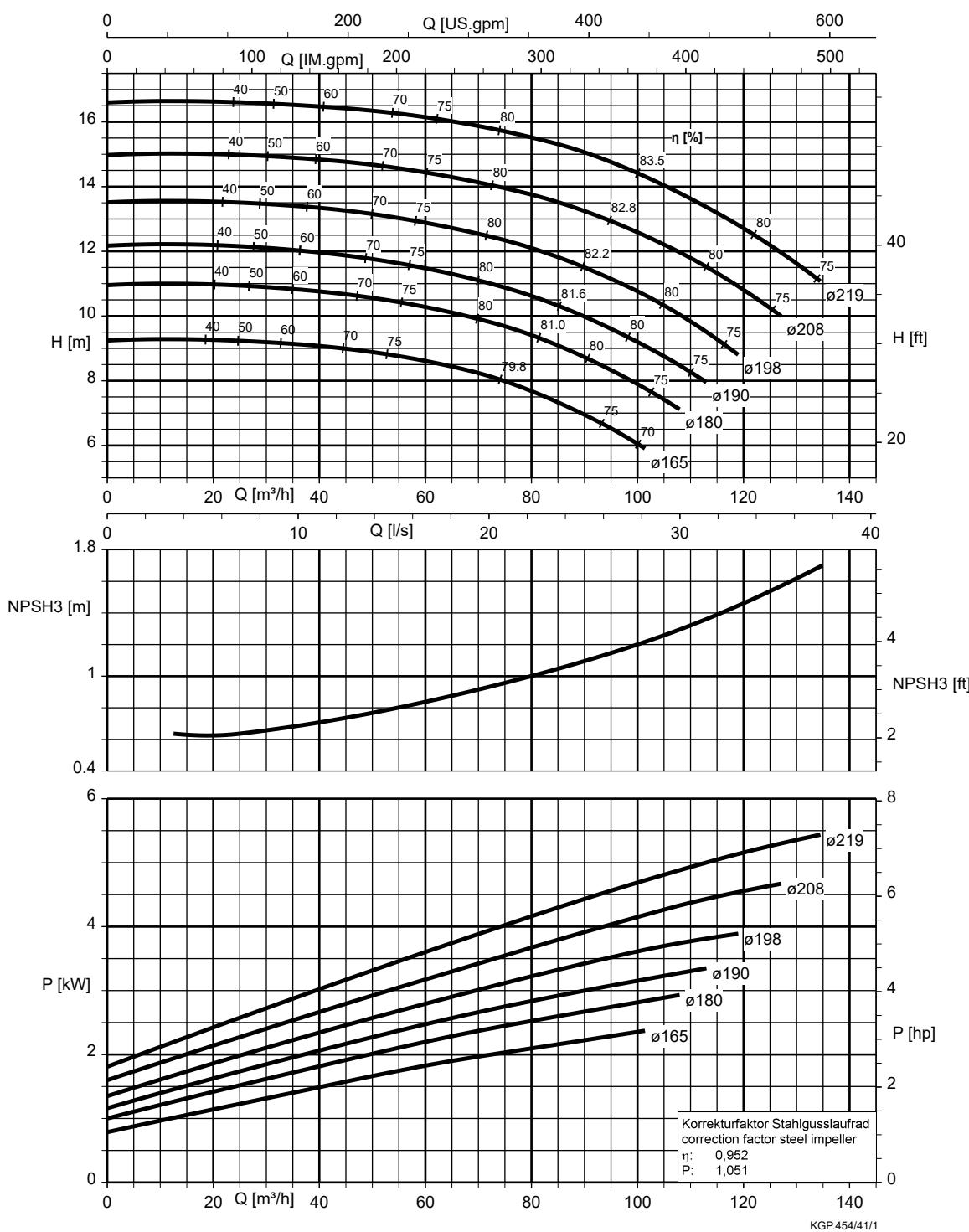
125-080-160, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



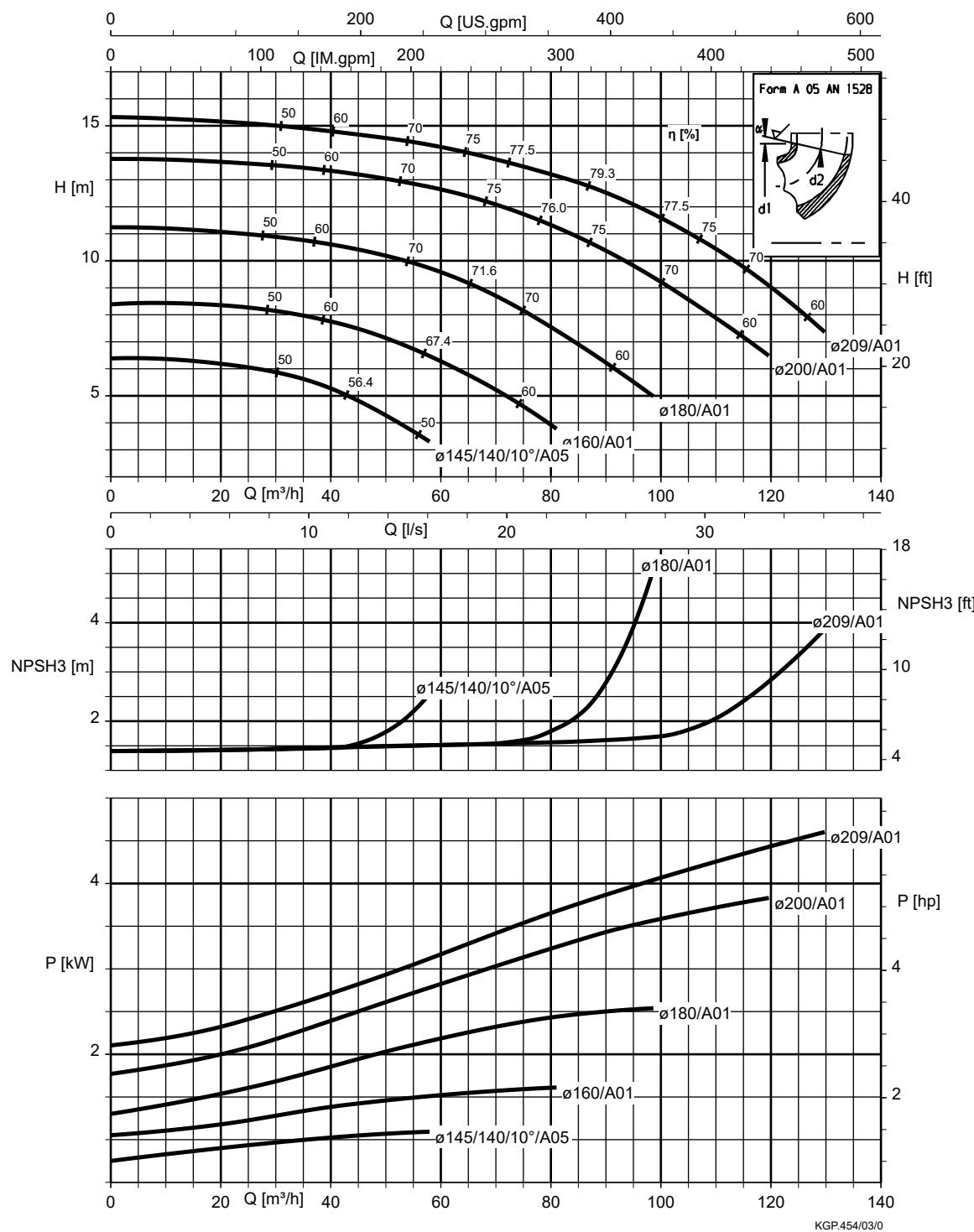
125-080-200, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



125-080-200.1, n = 1450 rpm

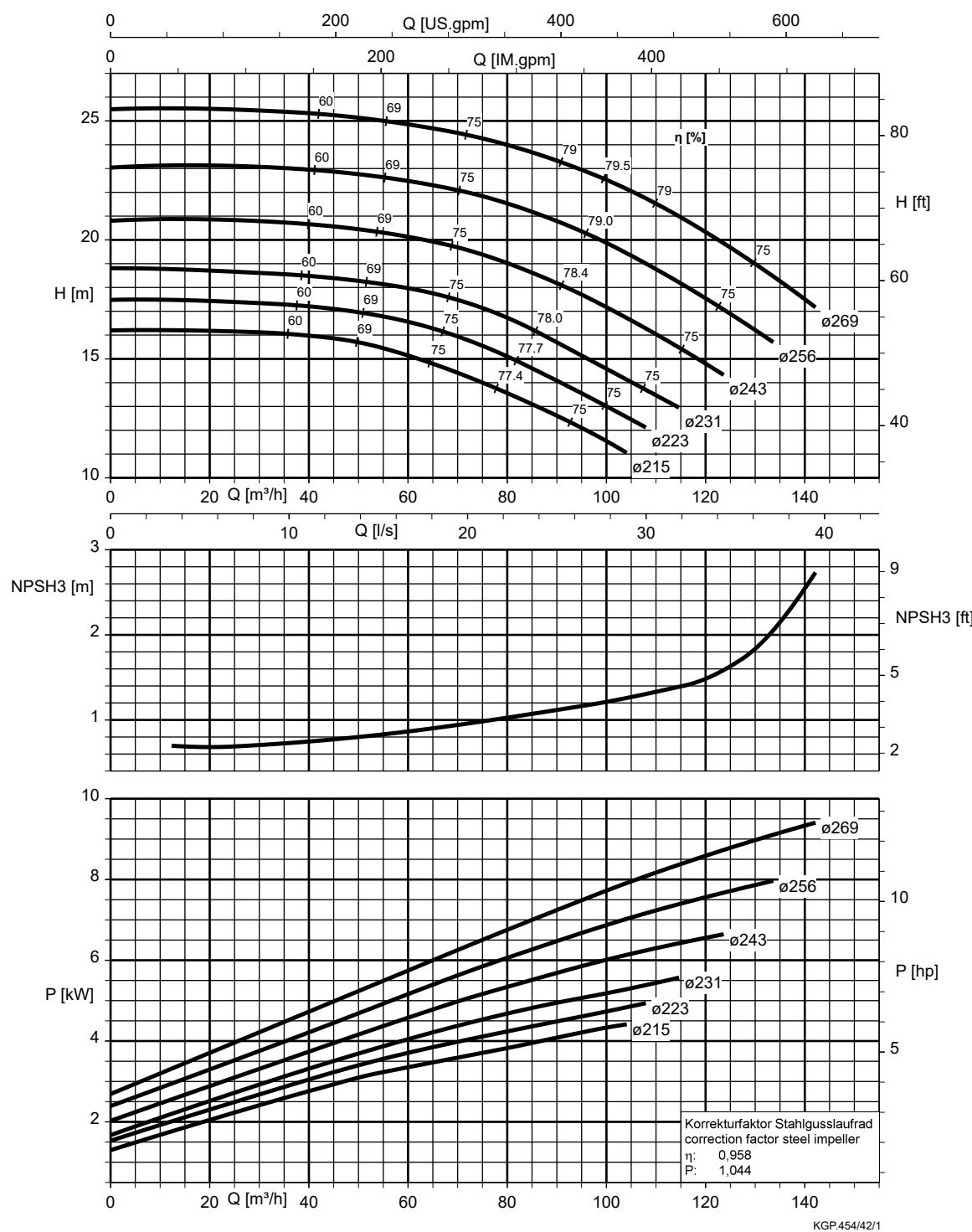
Magnochem, Magnochem-Bloc, MegaCPK



KGP.454/03/0

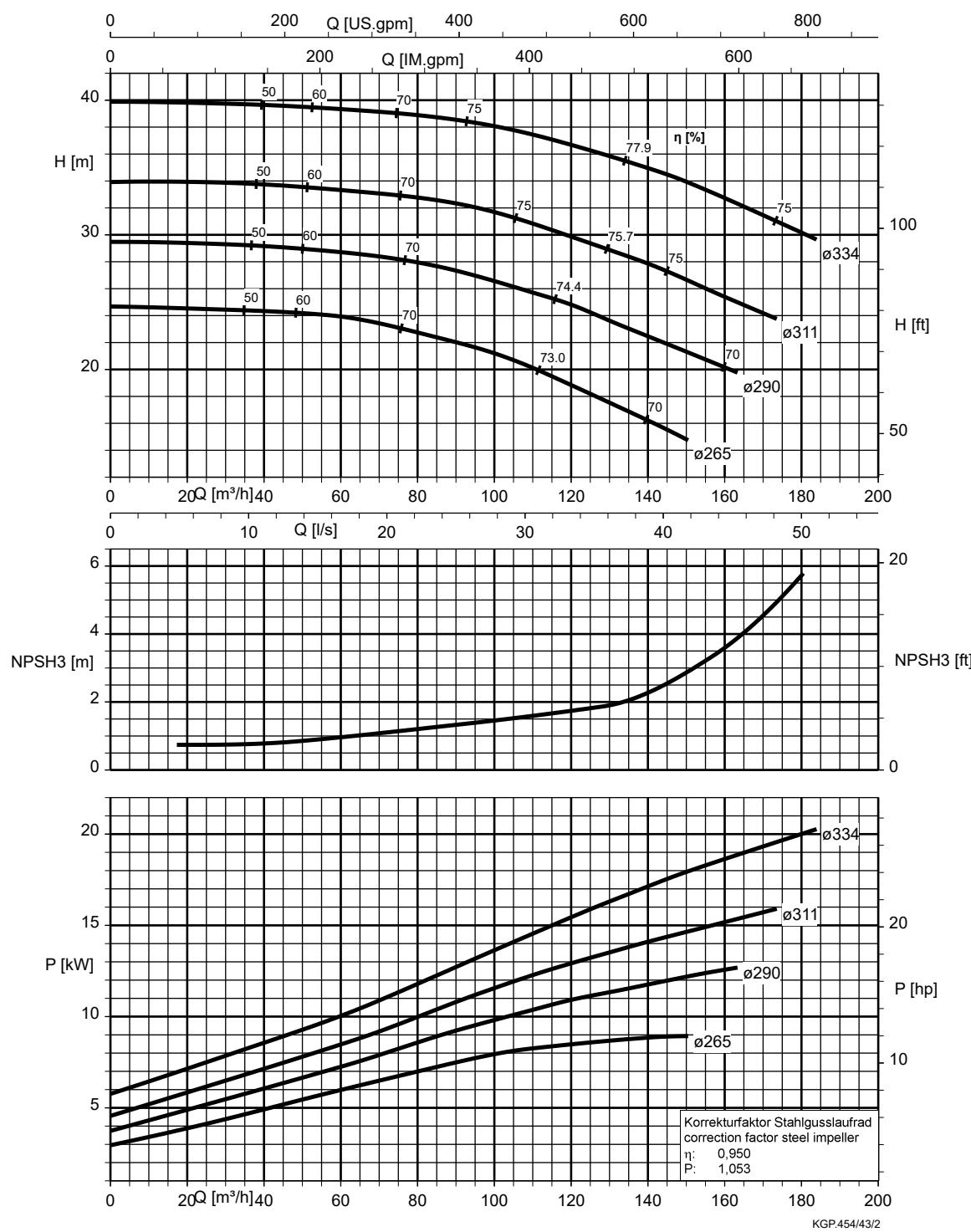
125-080-250, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



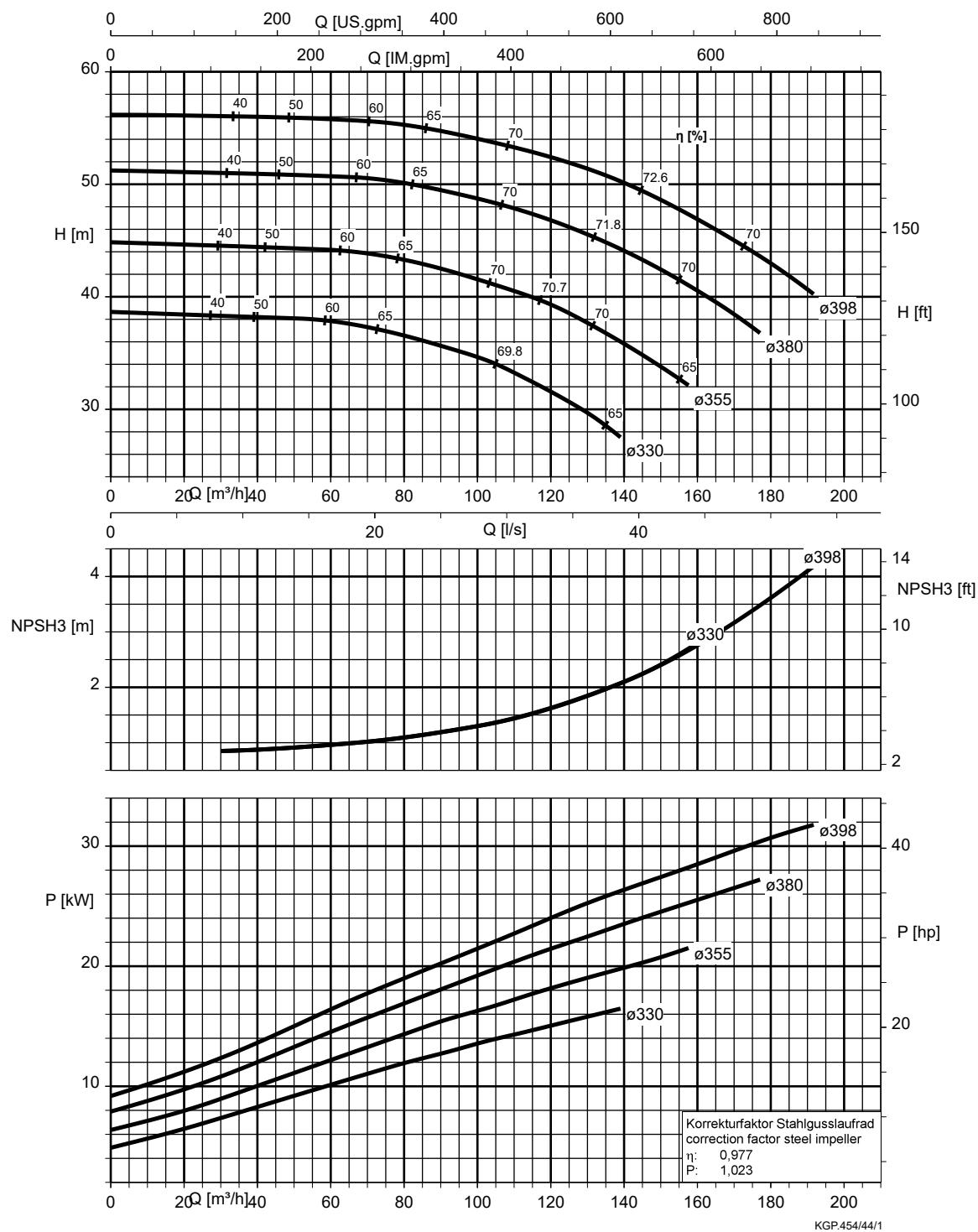
125-080-315, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



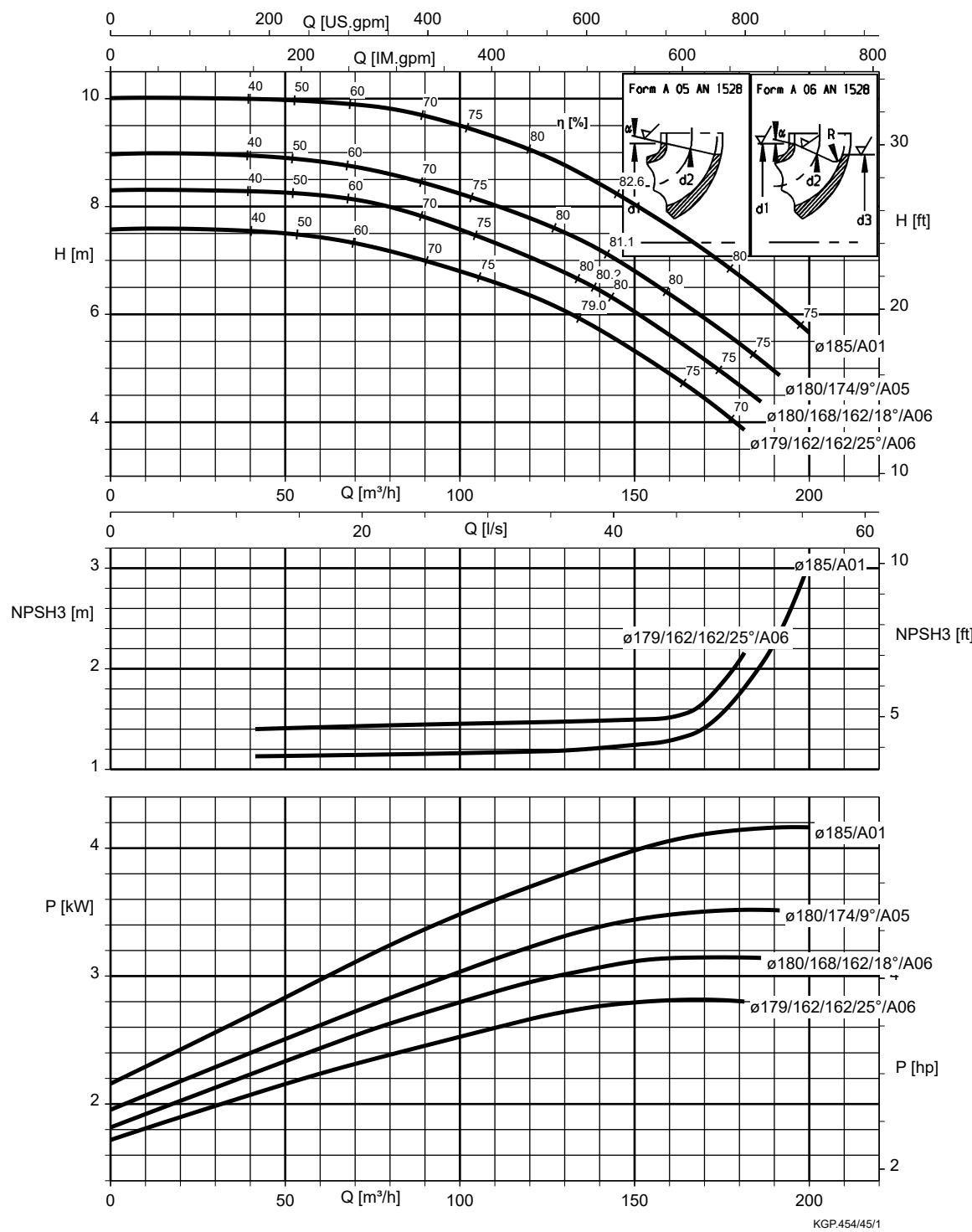
125-080-400, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



125-100-160, n = 1450 rpm

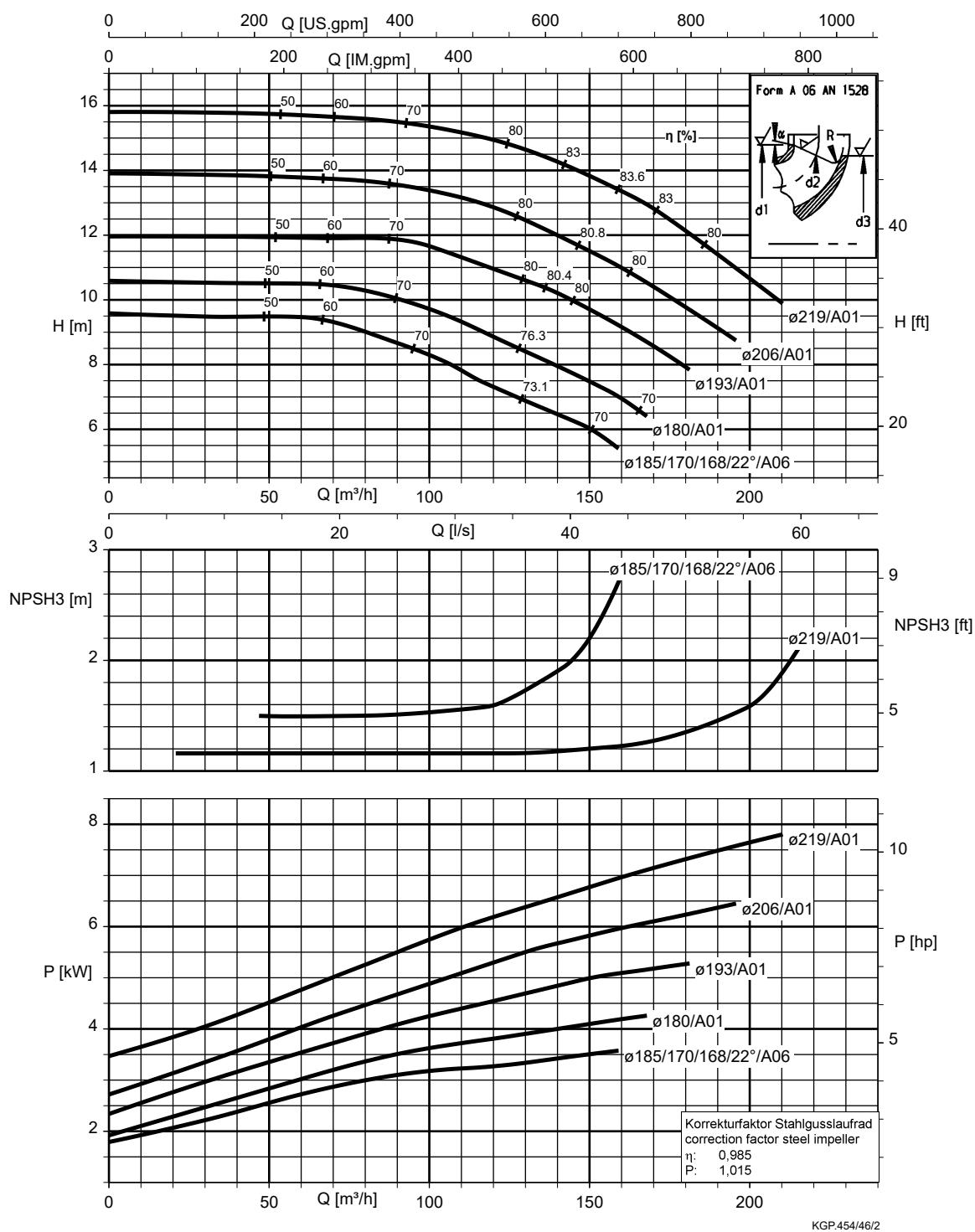
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.454/45/1

125-100-200, n = 1450 rpm

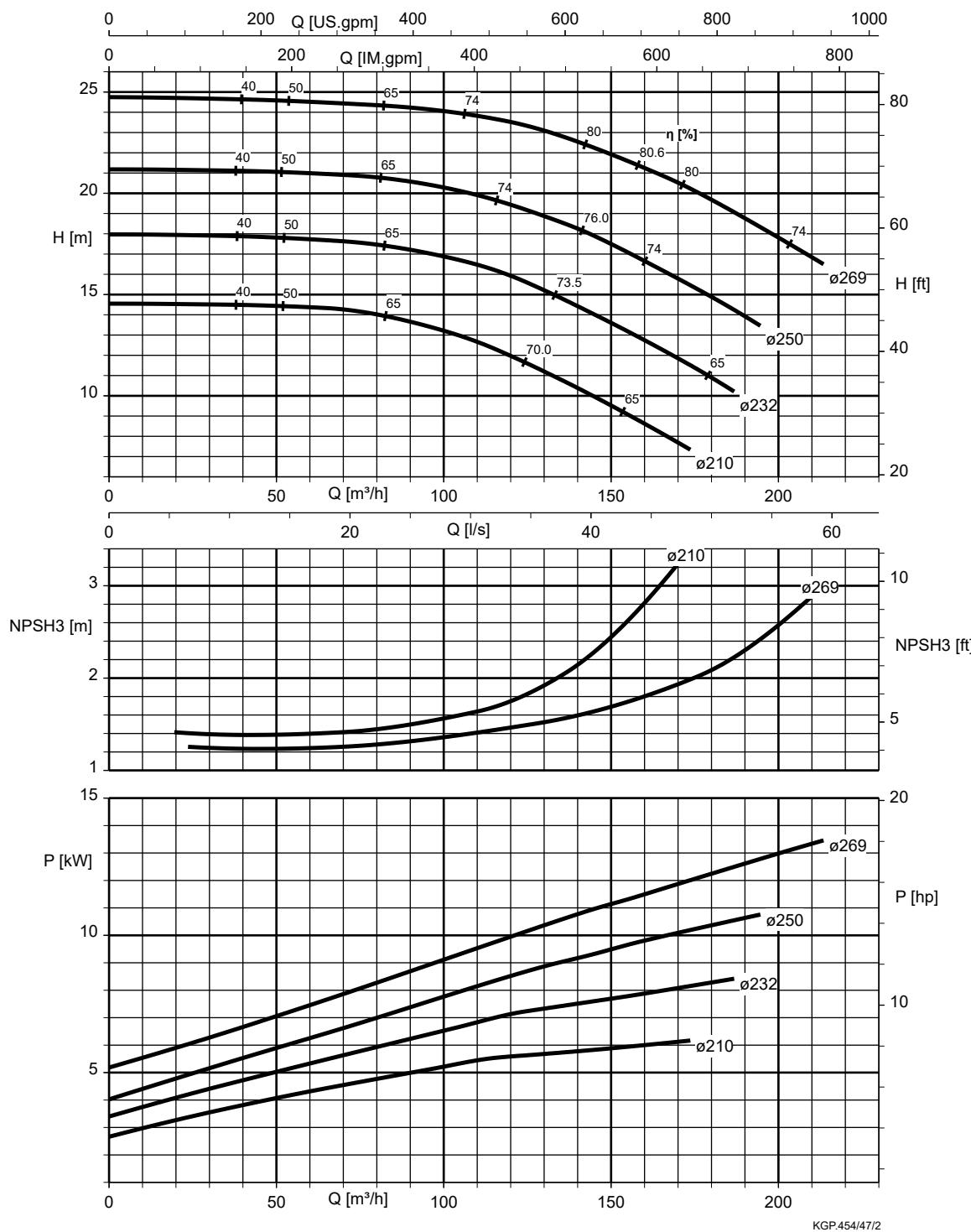
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.454/46/2

125-100-250, n = 1450 rpm

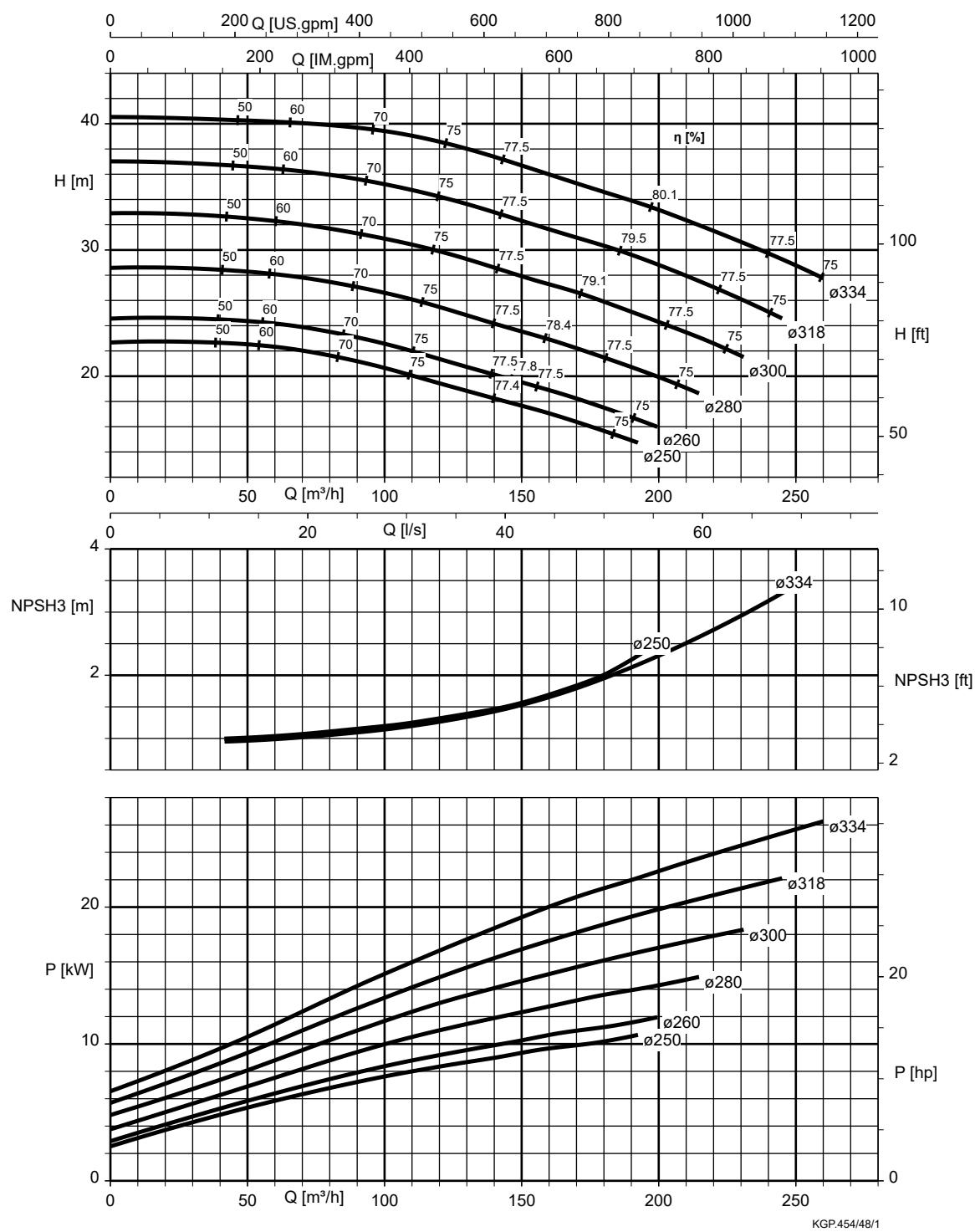
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.454/47/2

125-100-315, n = 1450 rpm

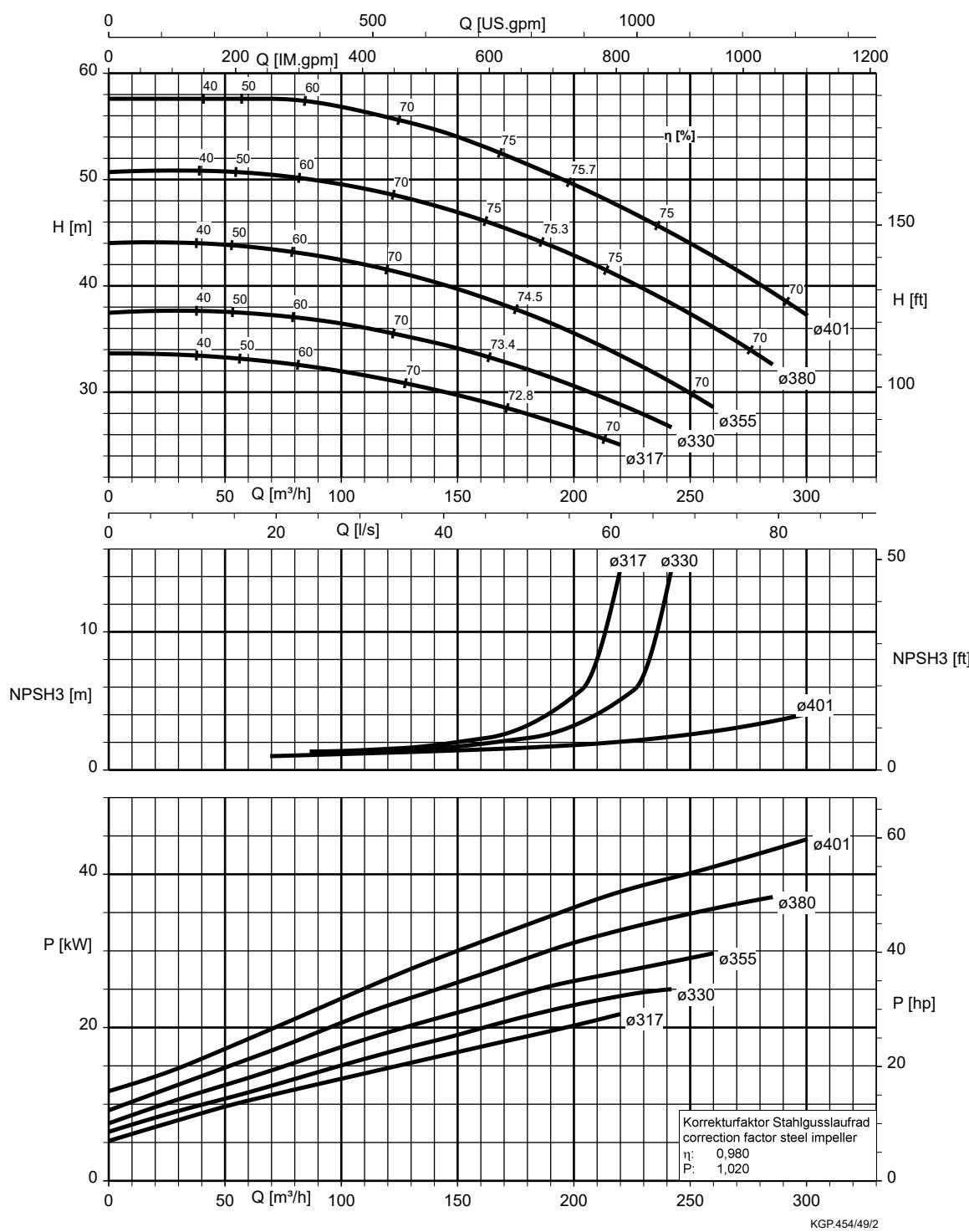
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



KGP.454/48/1

125-100-400, n = 1450 rpm

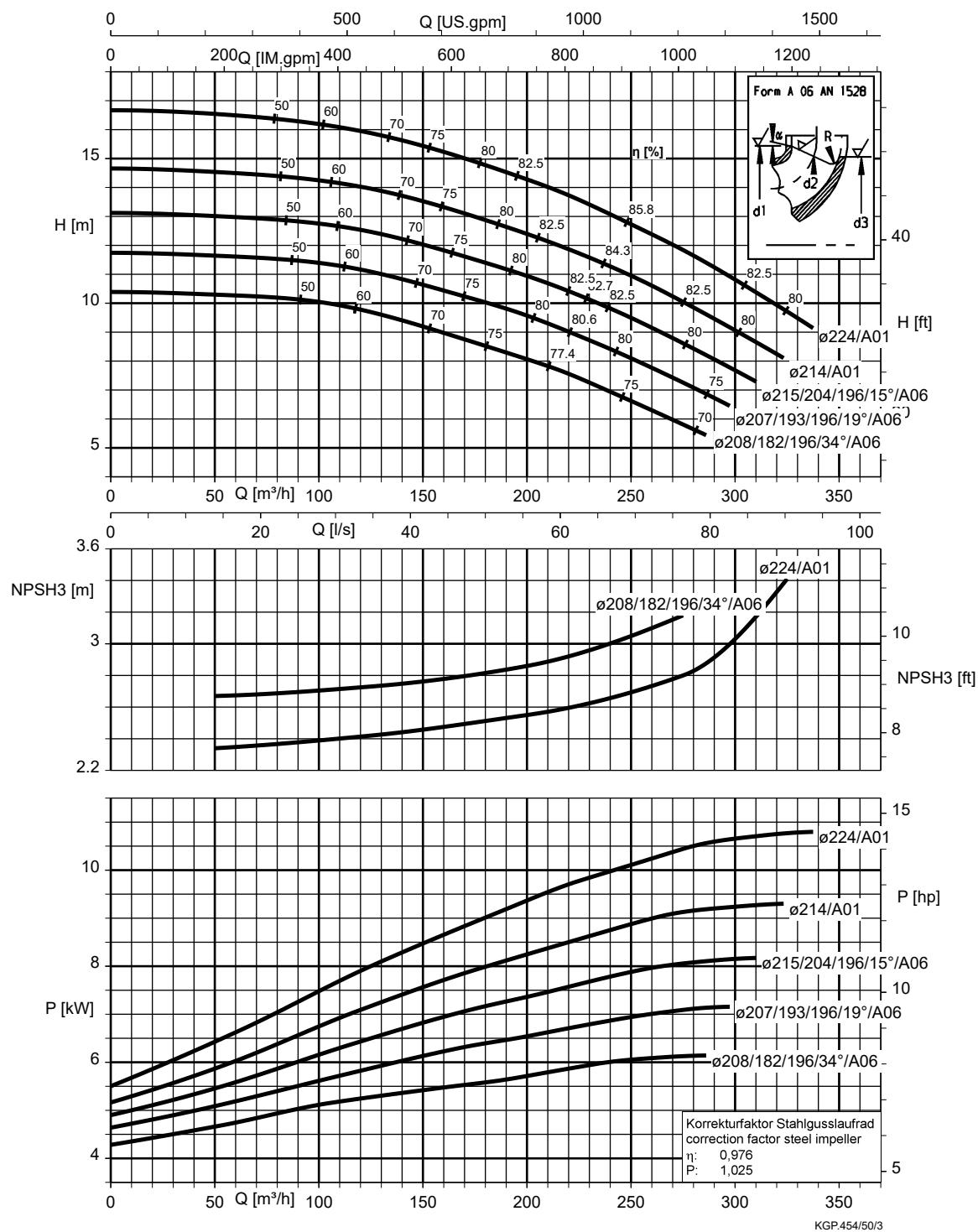
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.454/49/2

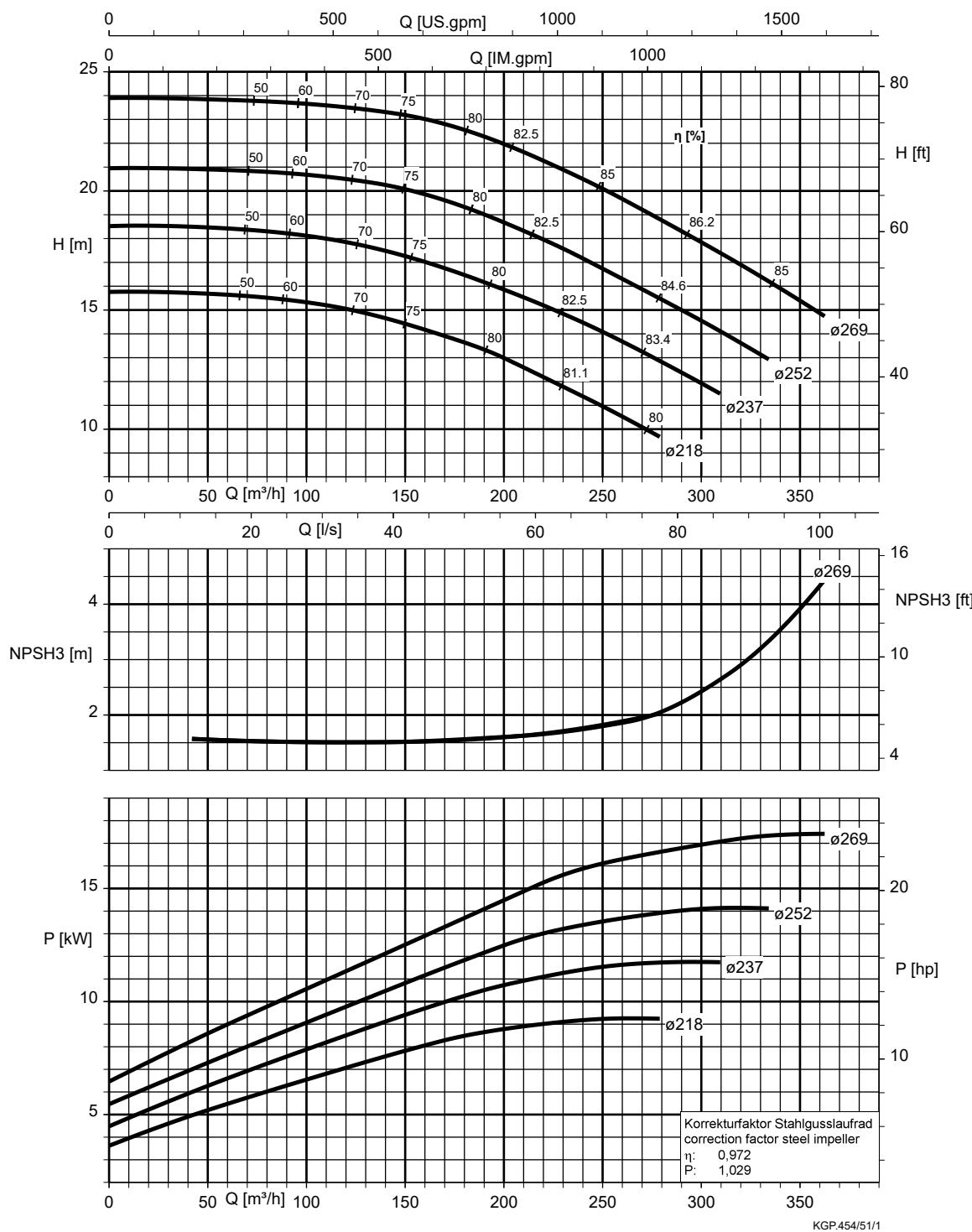
150-125-200, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



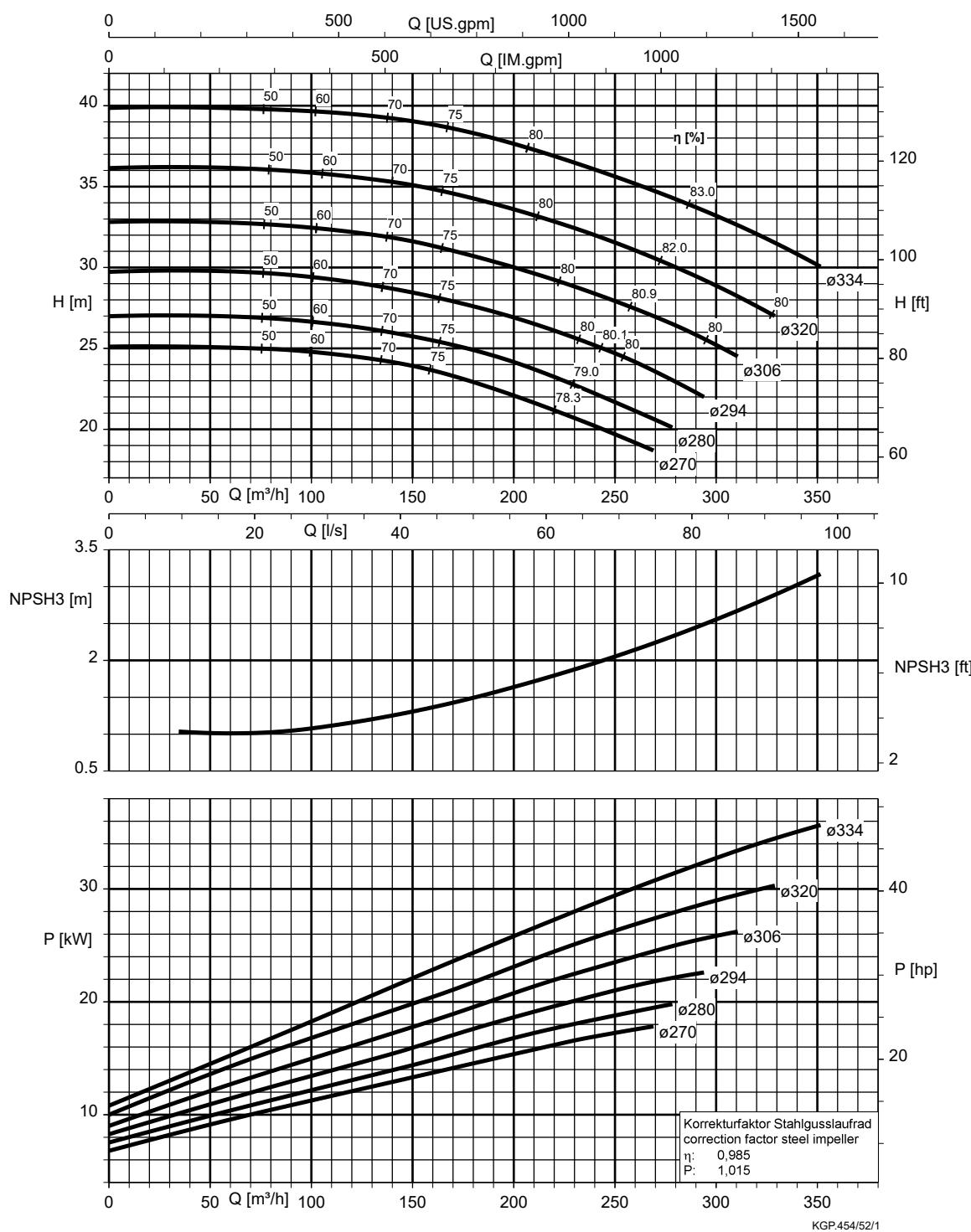
150-125-250, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



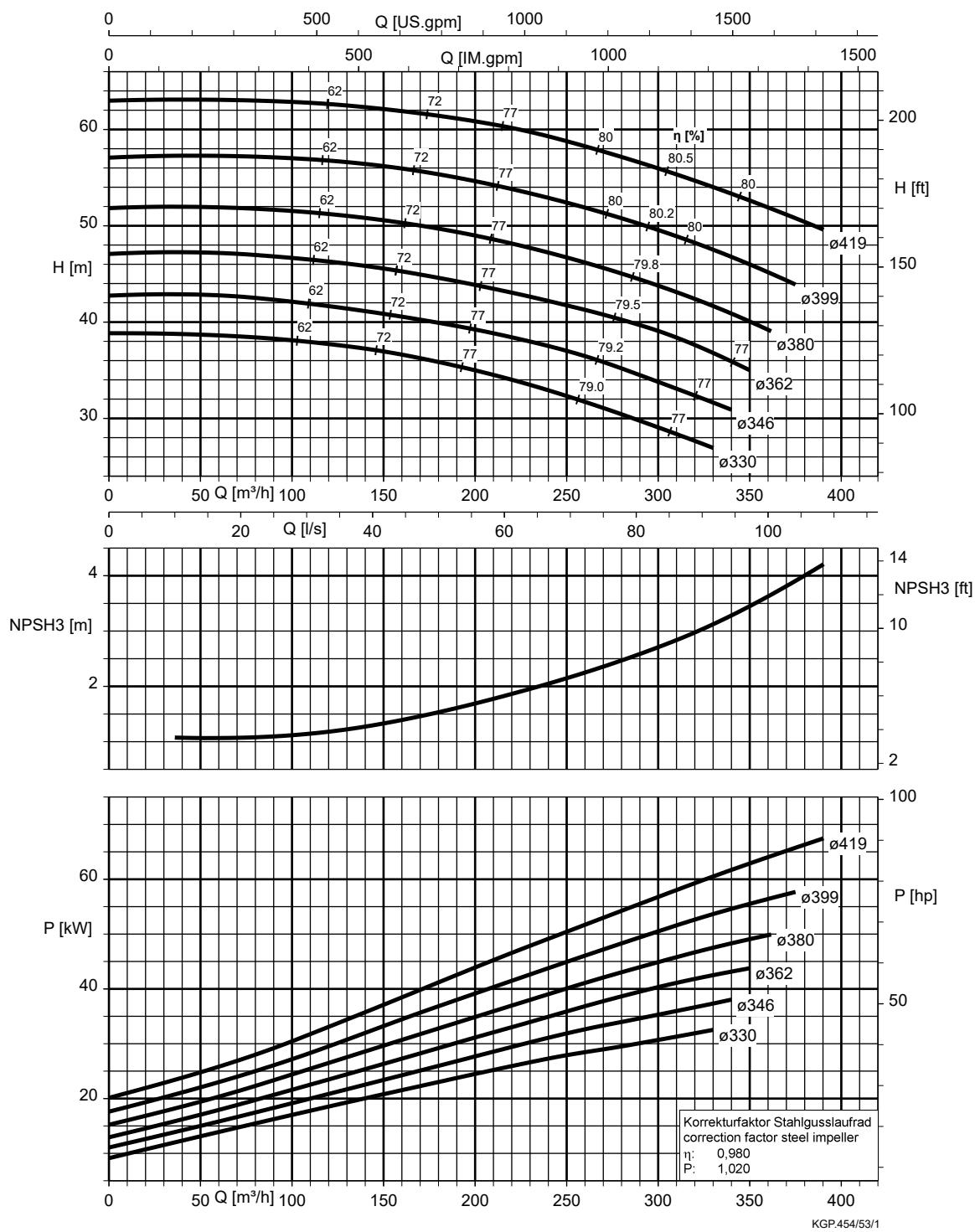
150-125-315, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



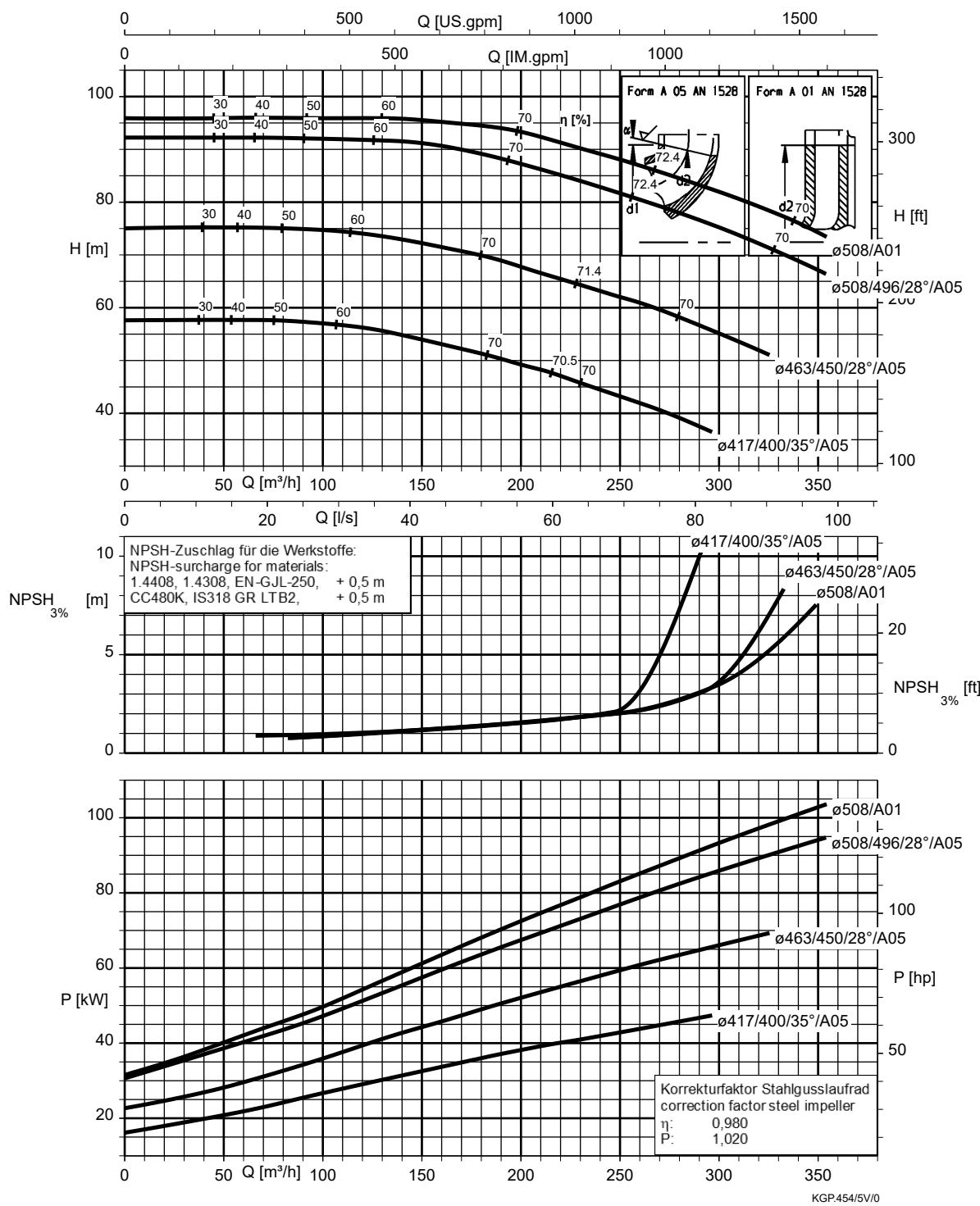
150-125-400, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



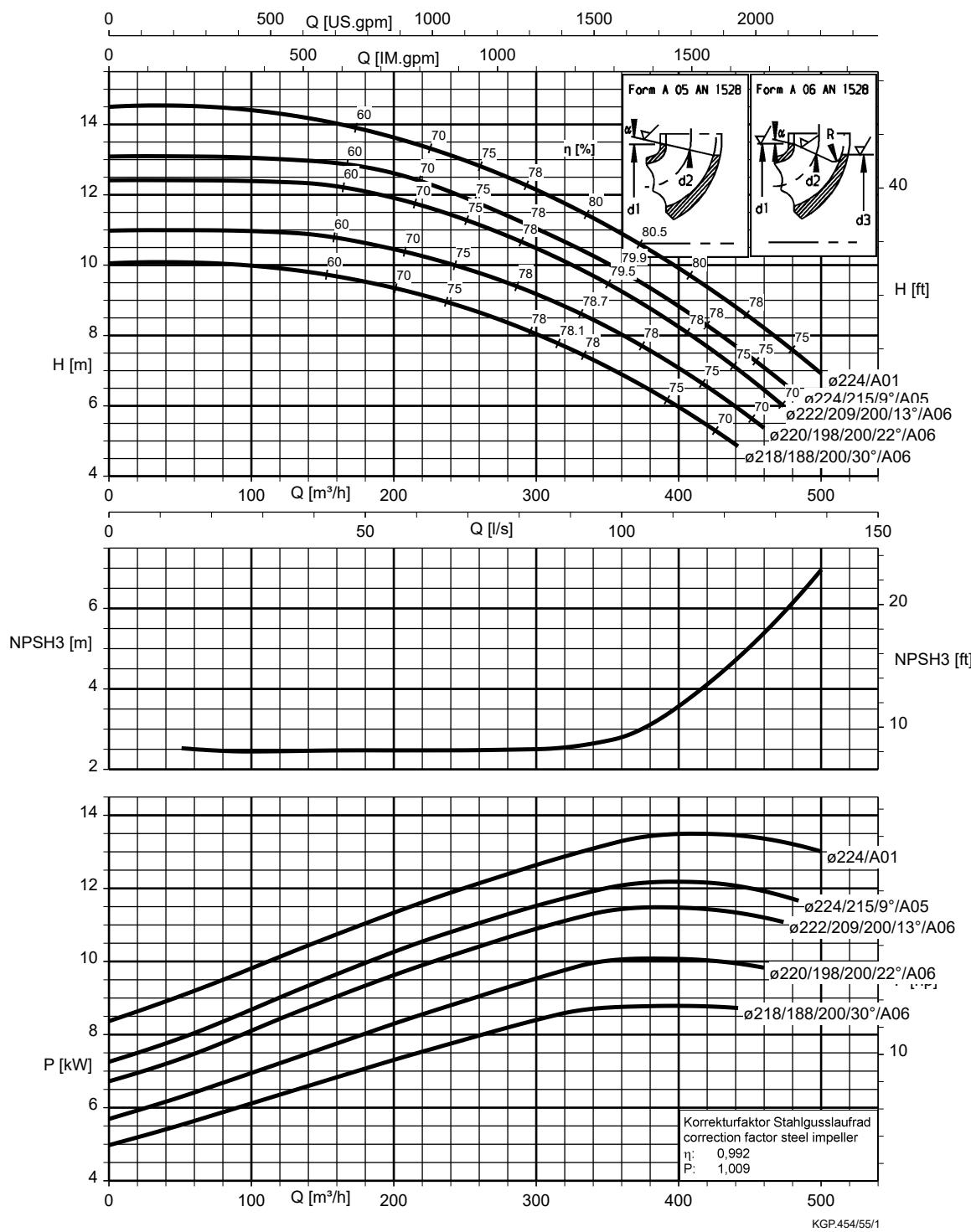
150-125-510, n = 1450 rpm

MegaCPK



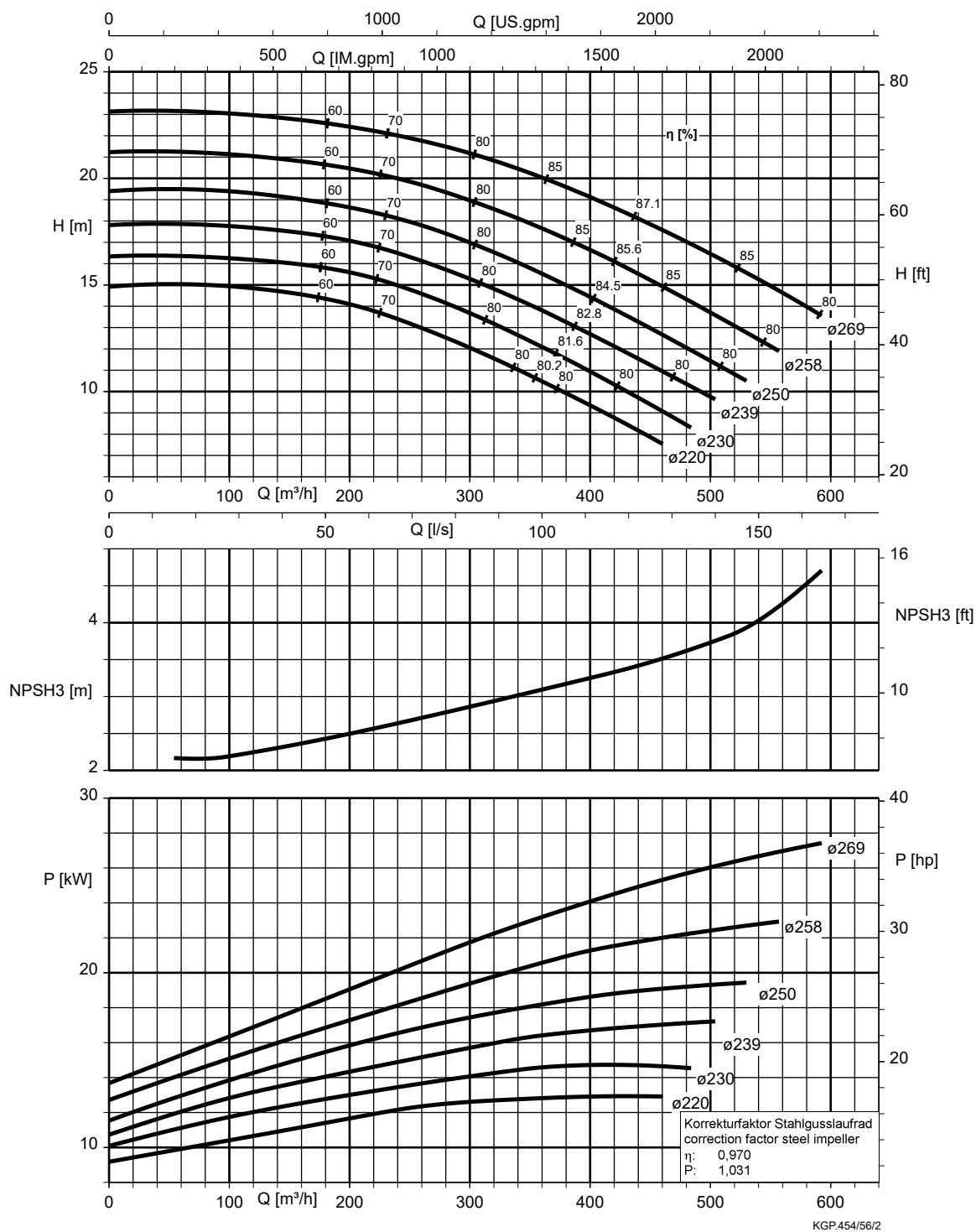
200-150-200, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



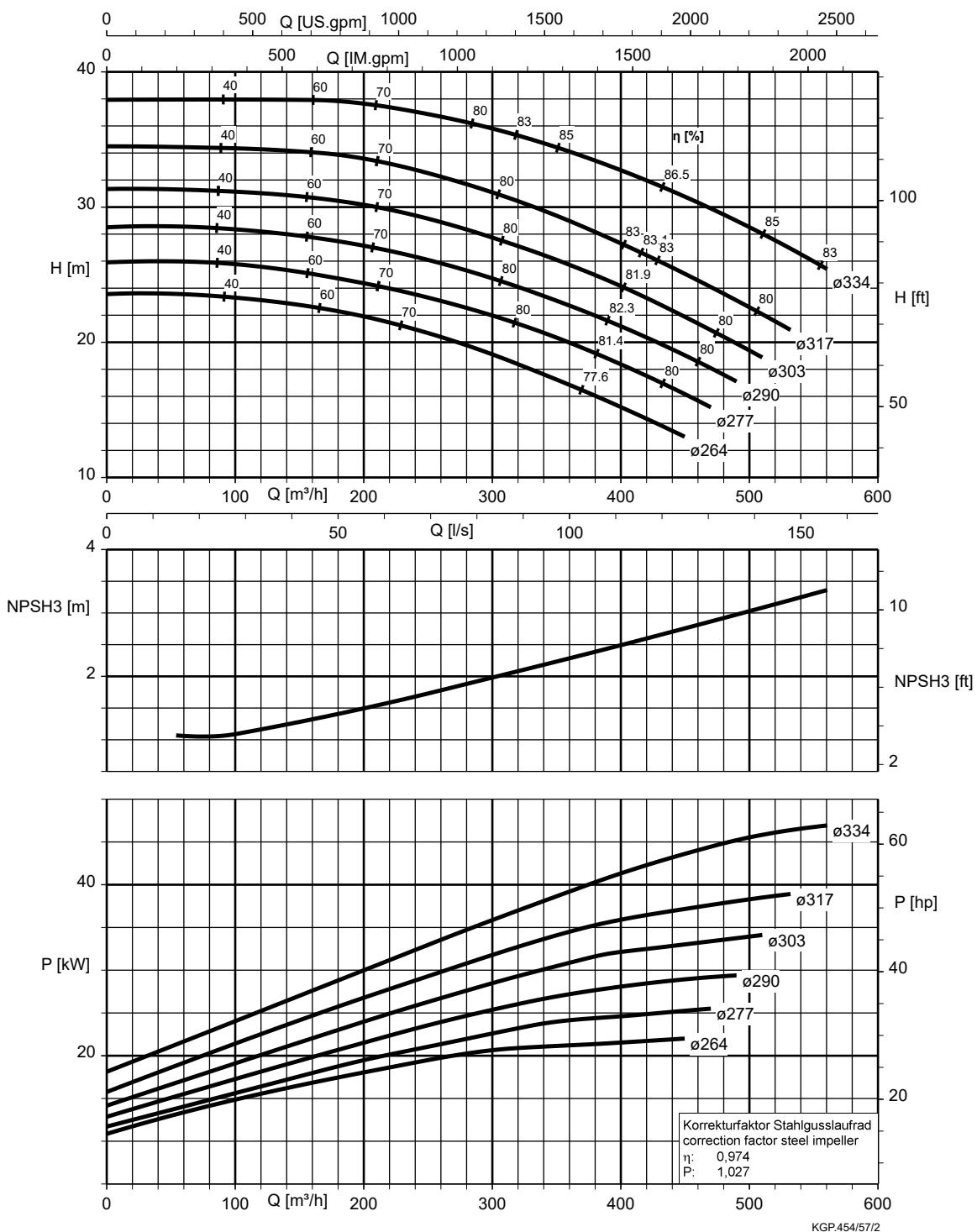
200-150-250, n = 1450 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm, Megabloc



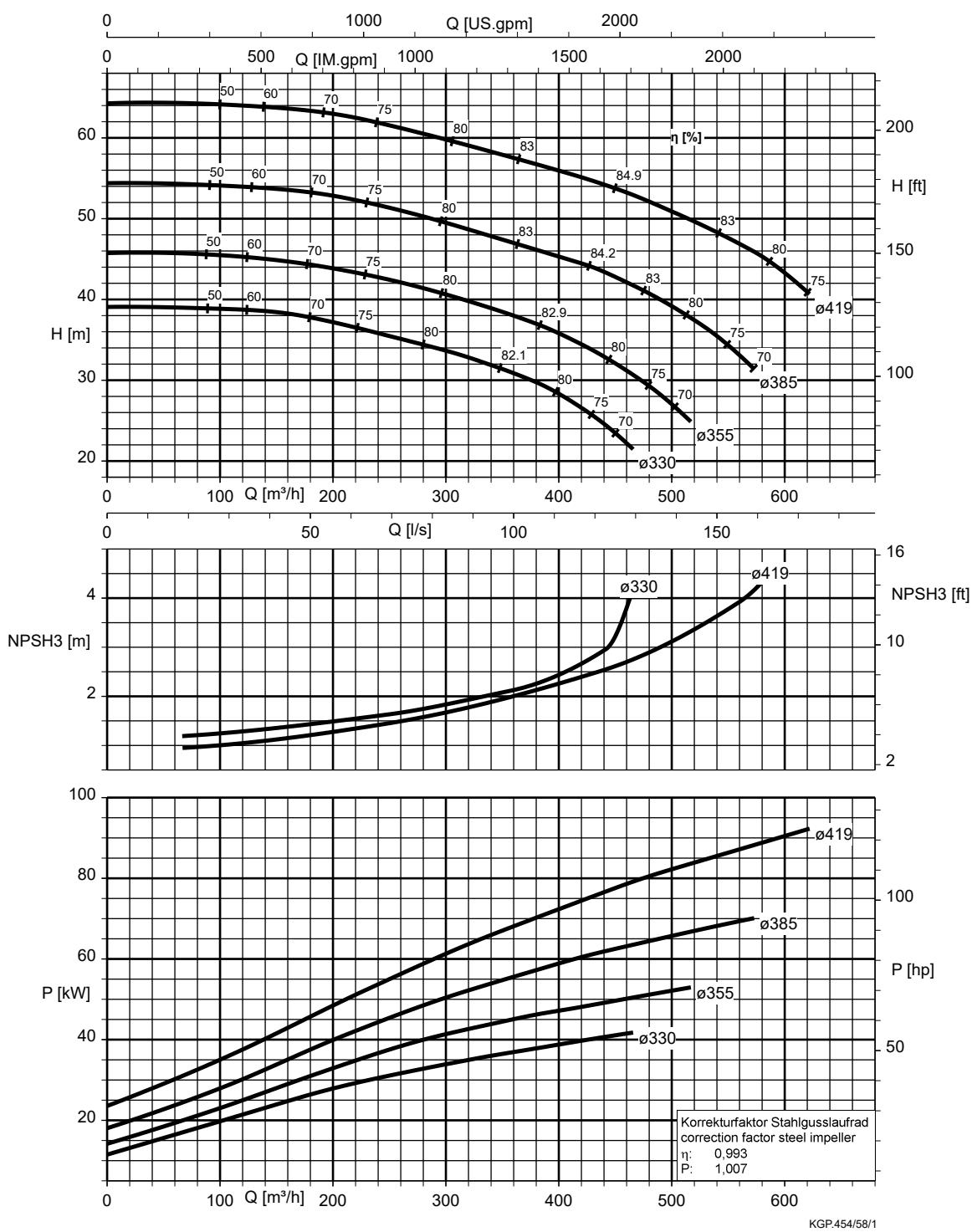
200-150-315, n = 1450 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



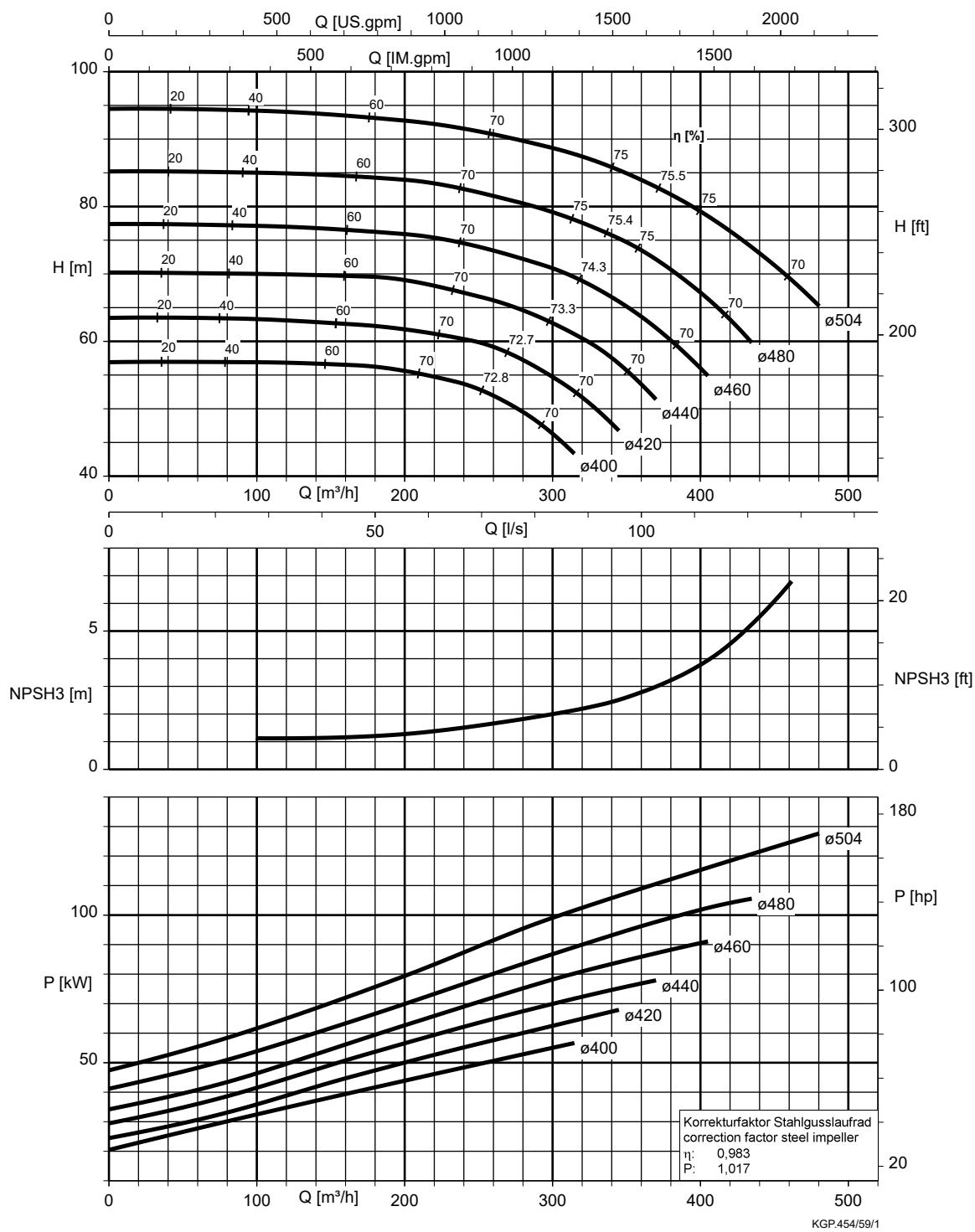
200-150-400, n = 1450 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



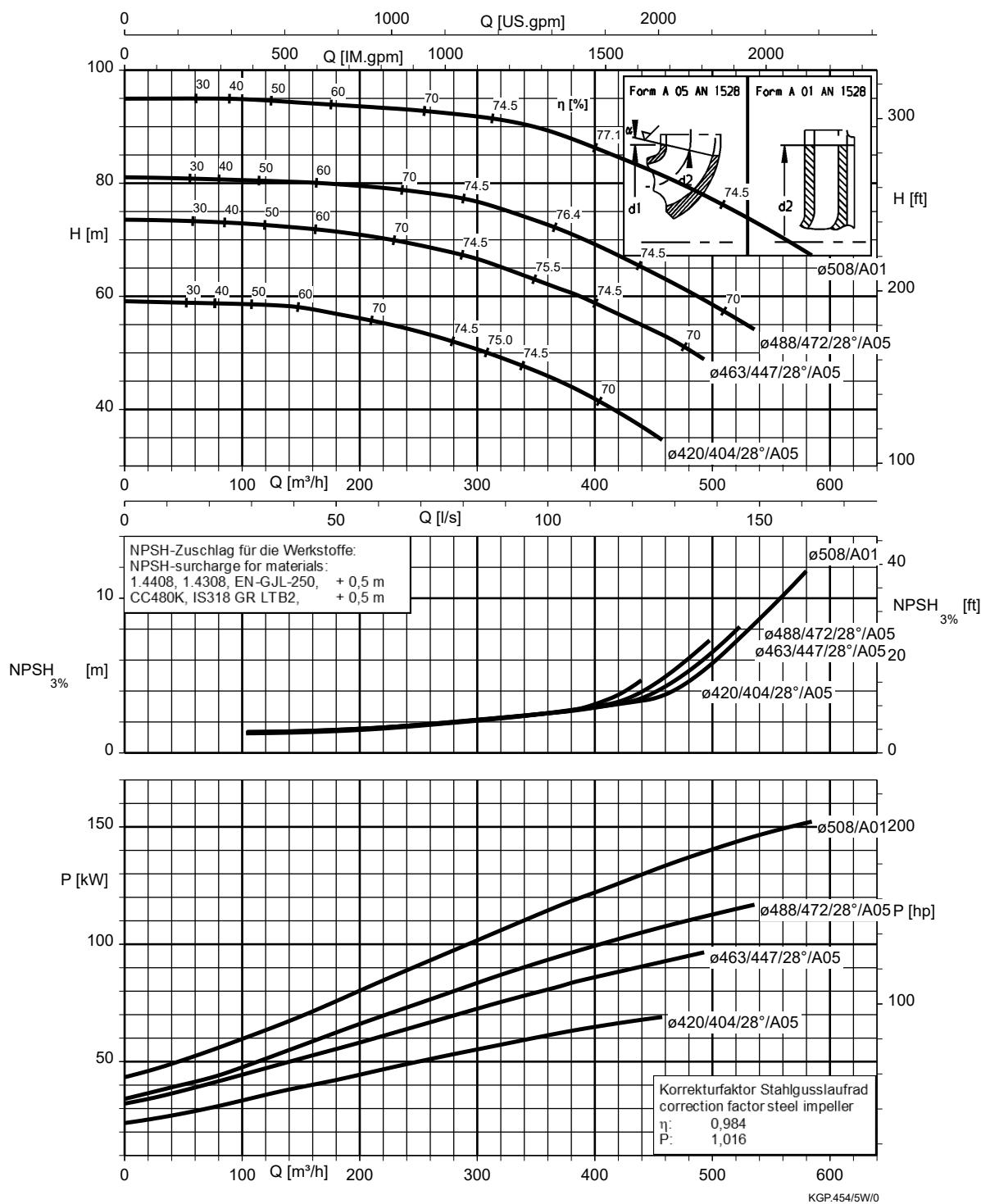
200-150-500, n = 1450 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



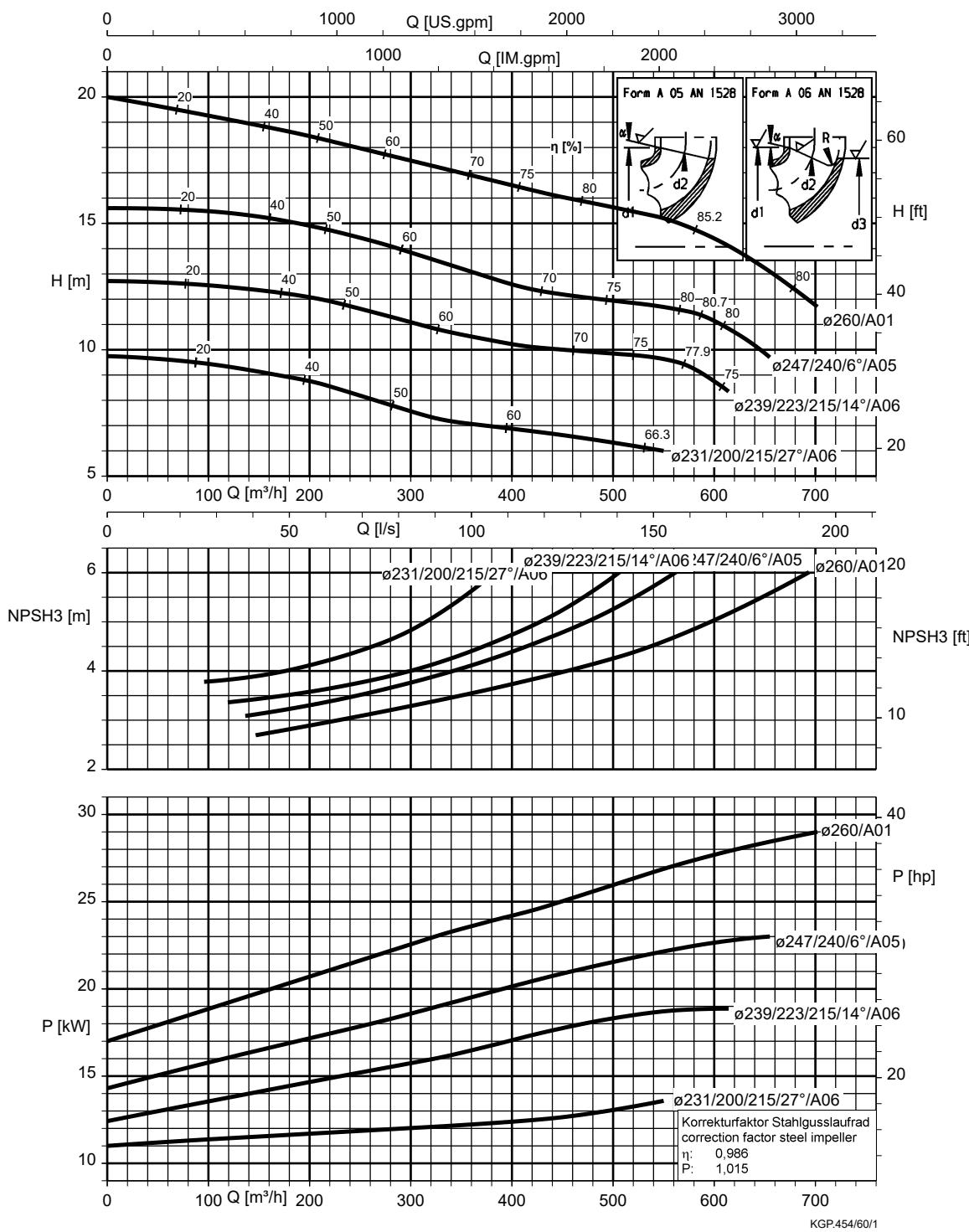
200-150-510, n = 1450 rpm

MegaCPK



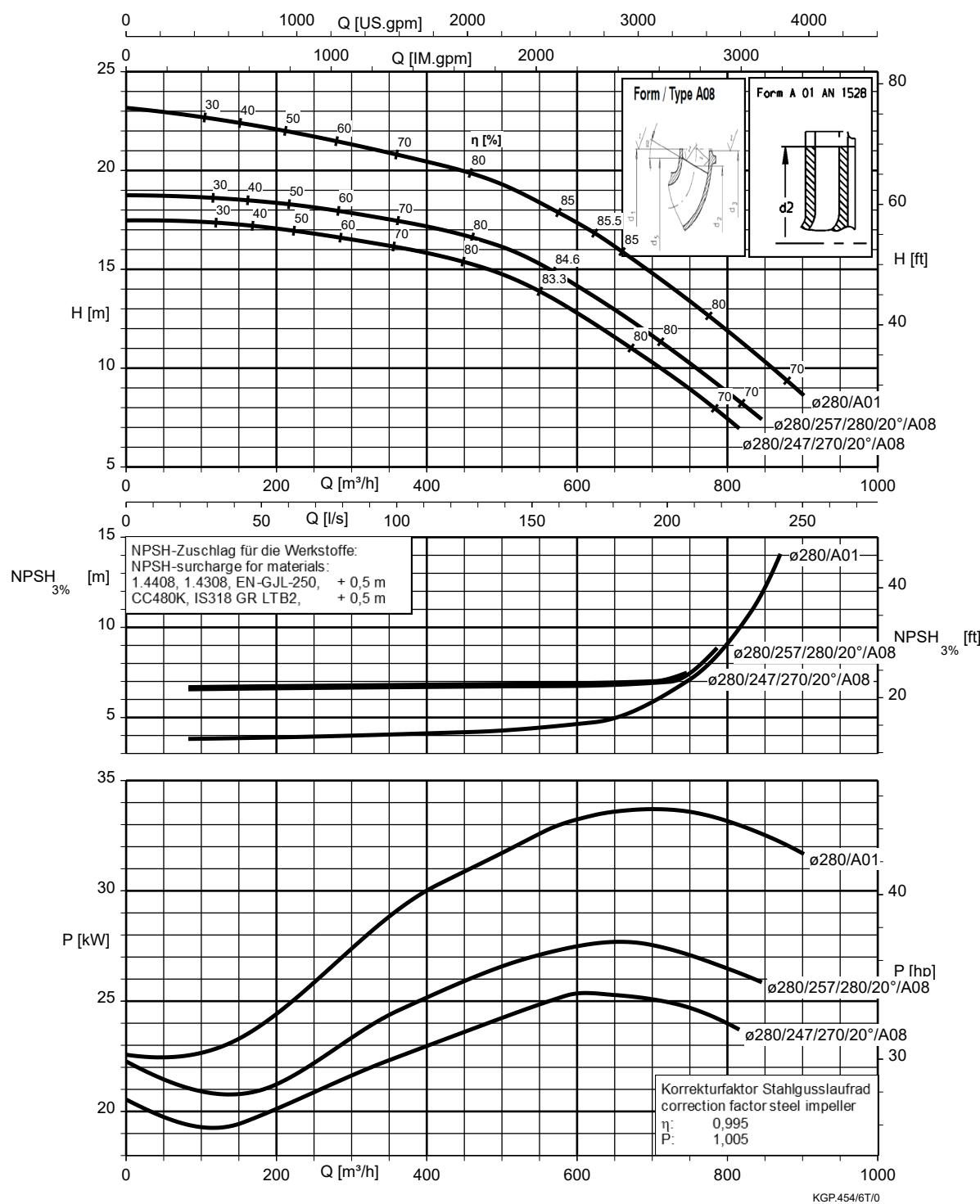
200-200-250, n = 1450 rpm

HPK-L, Magnochem, Meganorm



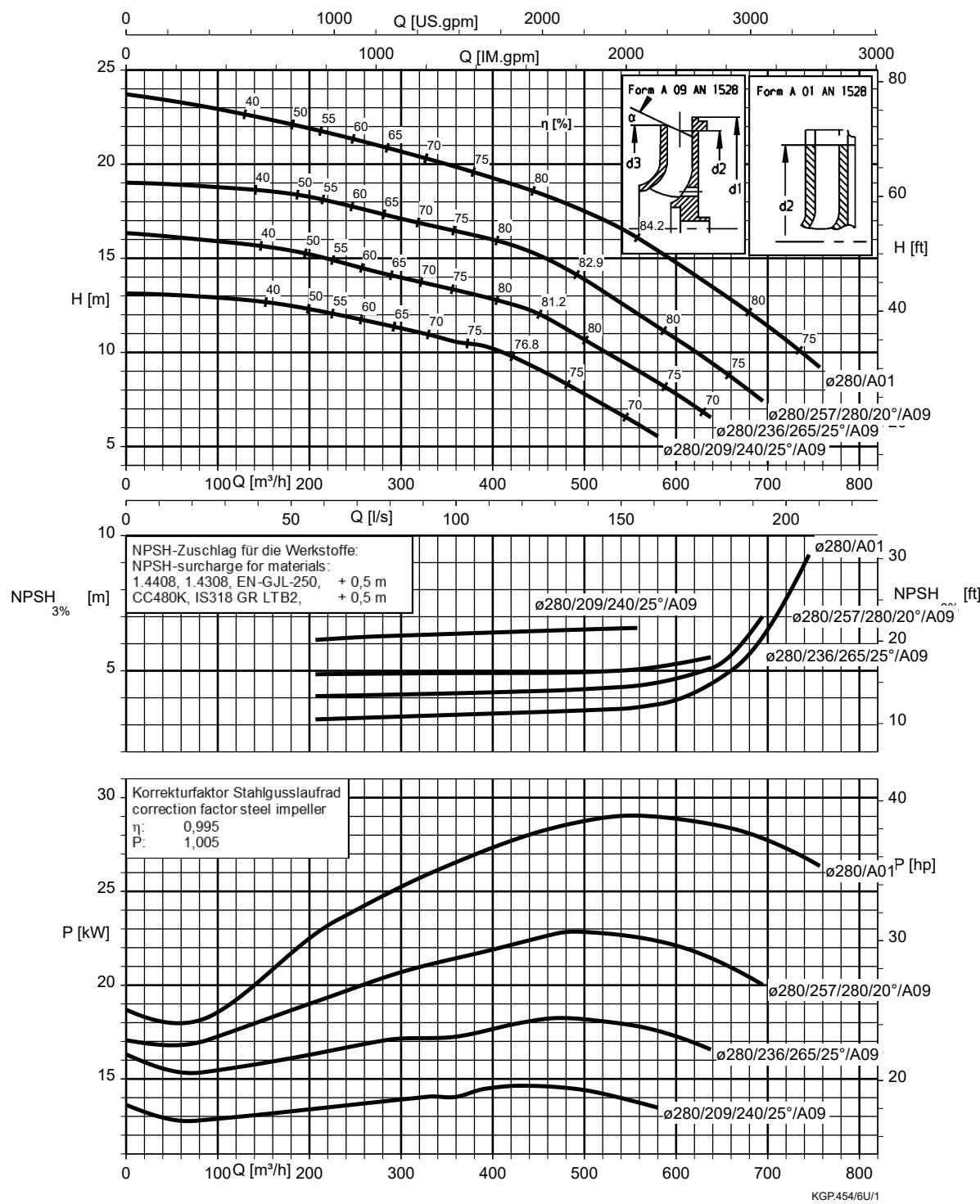
250-200-275, n = 1450 rpm

MegaCPK



250-200-275.1, n = 1450 rpm

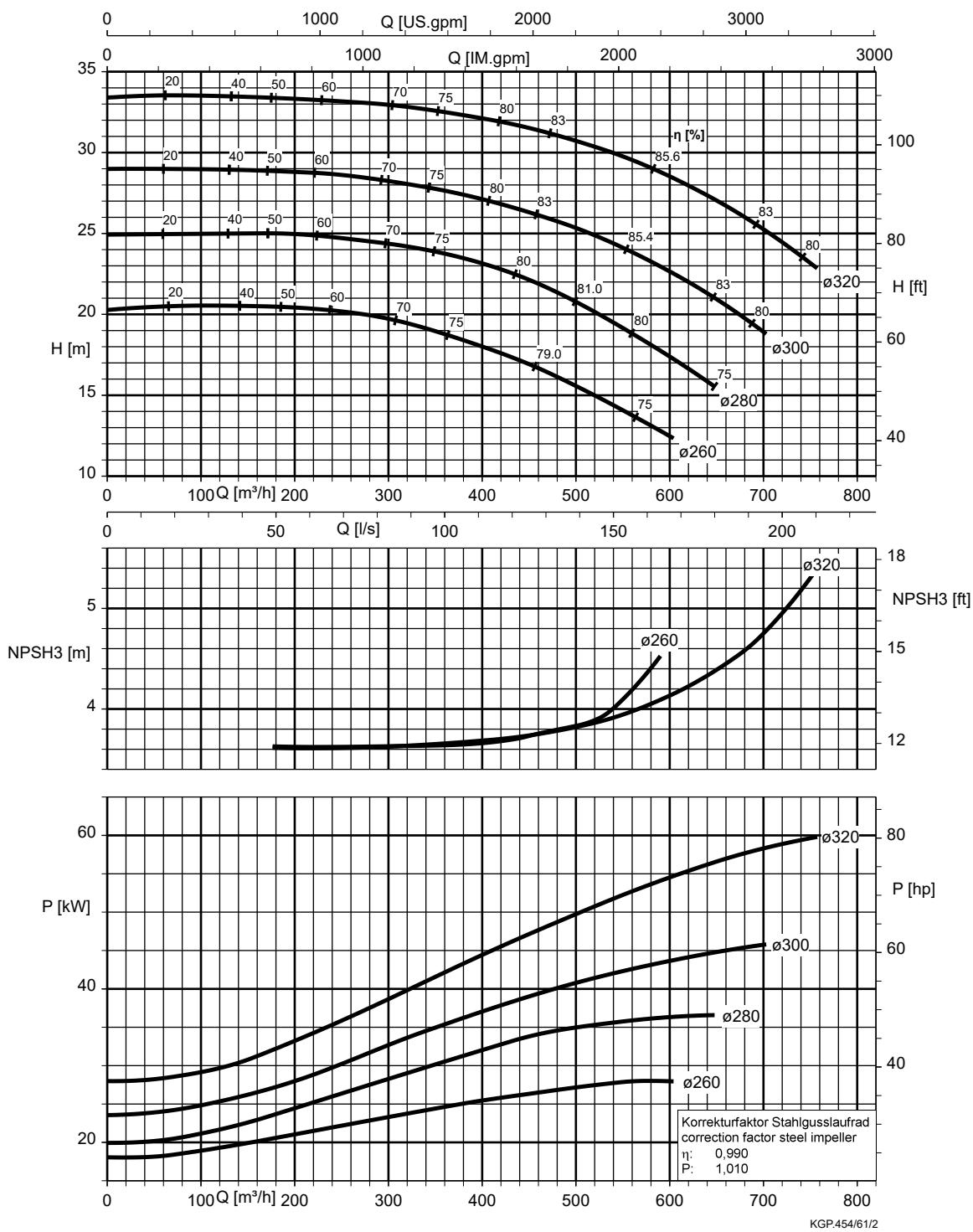
MegaCPK



KGP.454/6U/1

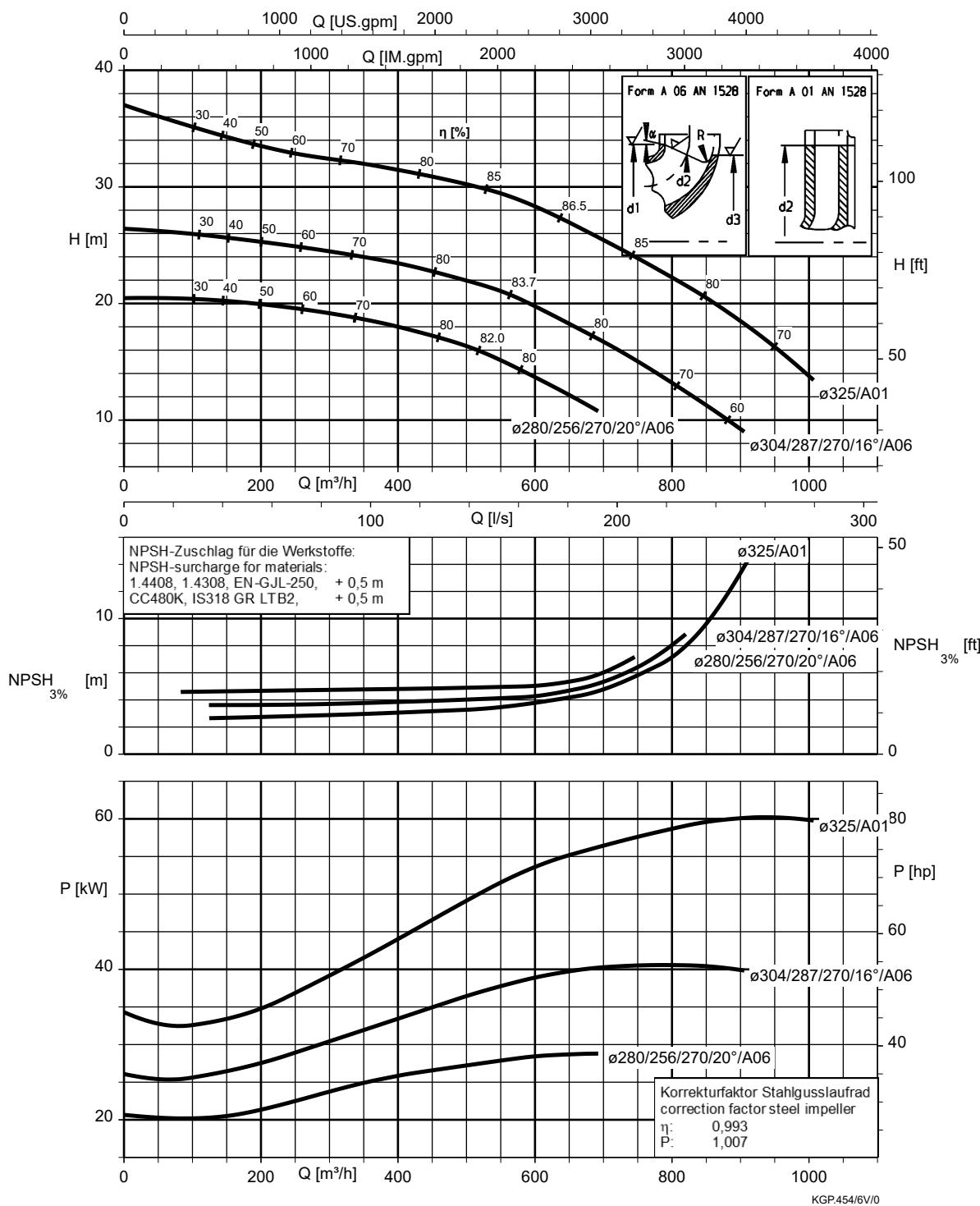
250-200-315, n = 1450 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



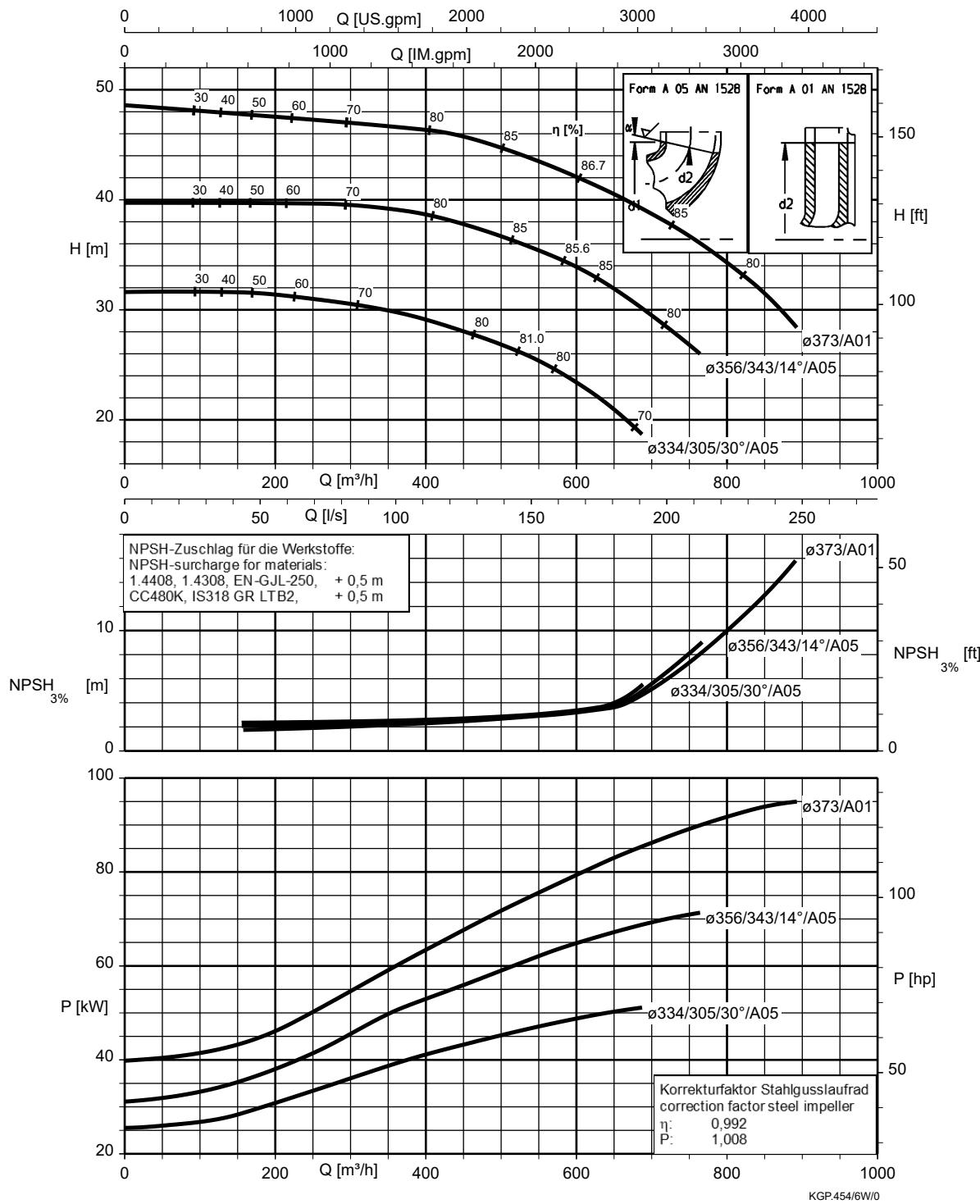
250-200-320, n = 1450 rpm

MegaCPK



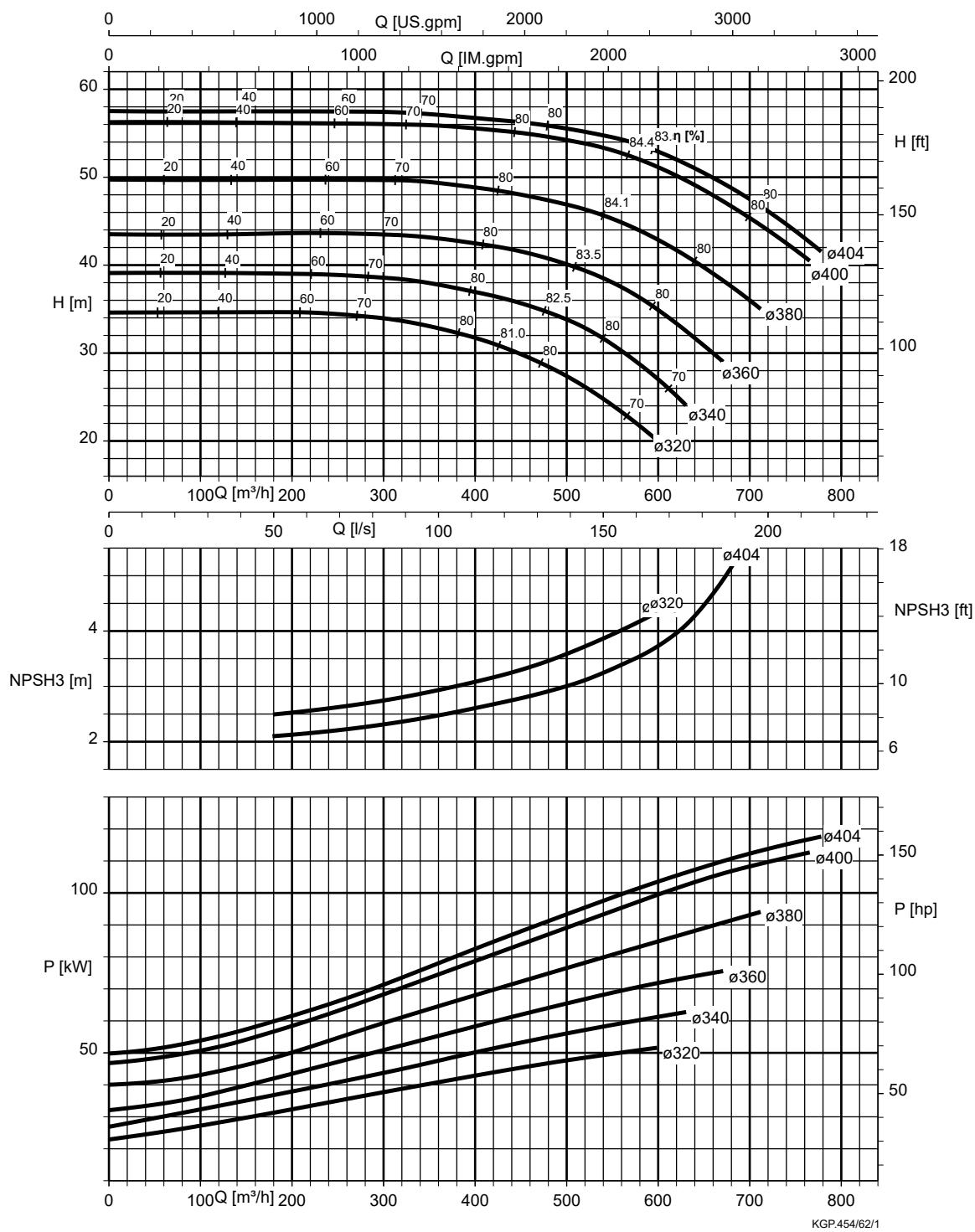
250-200-375, n = 1450 rpm

MegaCPK



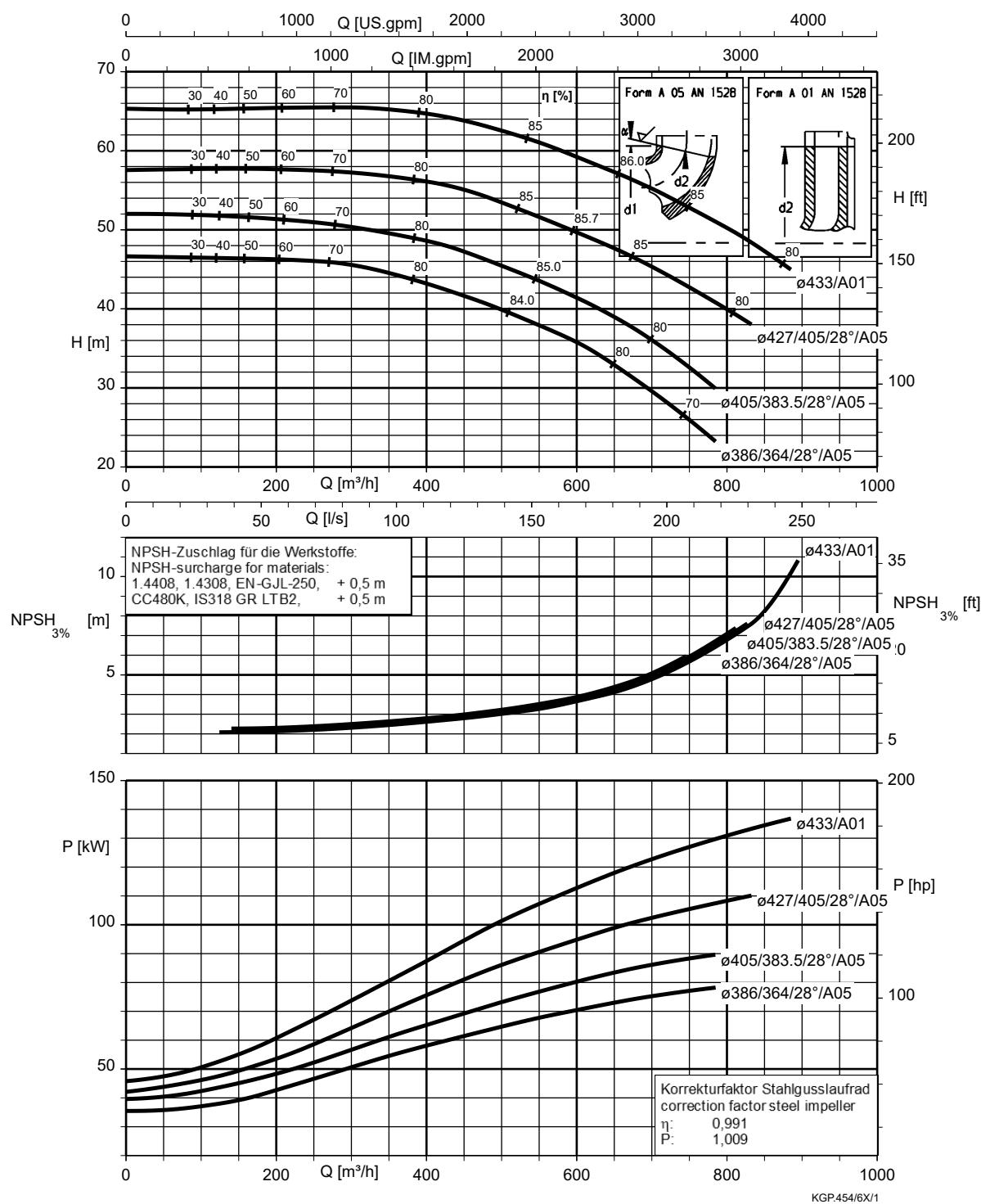
250-200-400, n=1450 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



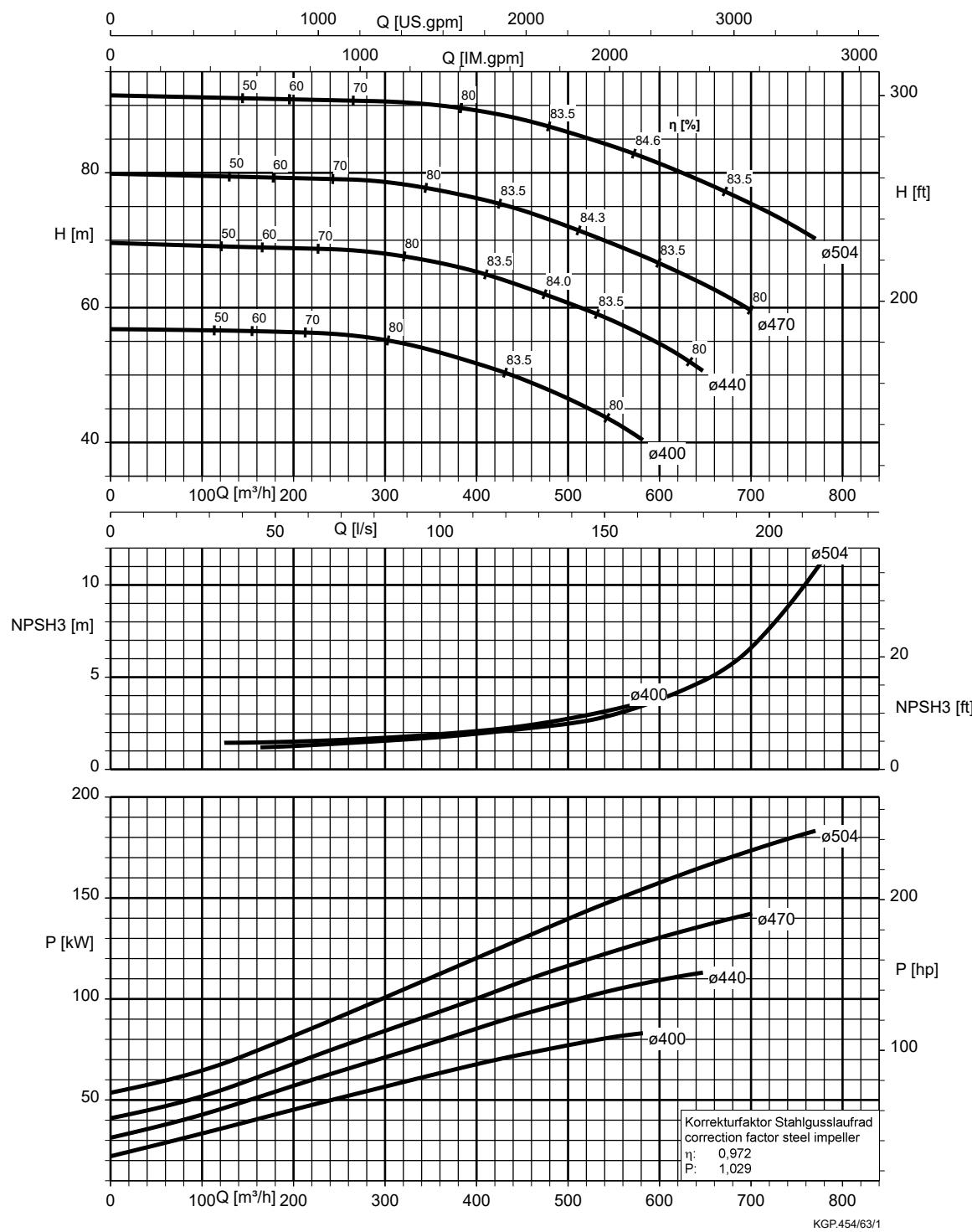
250-200-435, n = 1450 rpm

MegaCPK



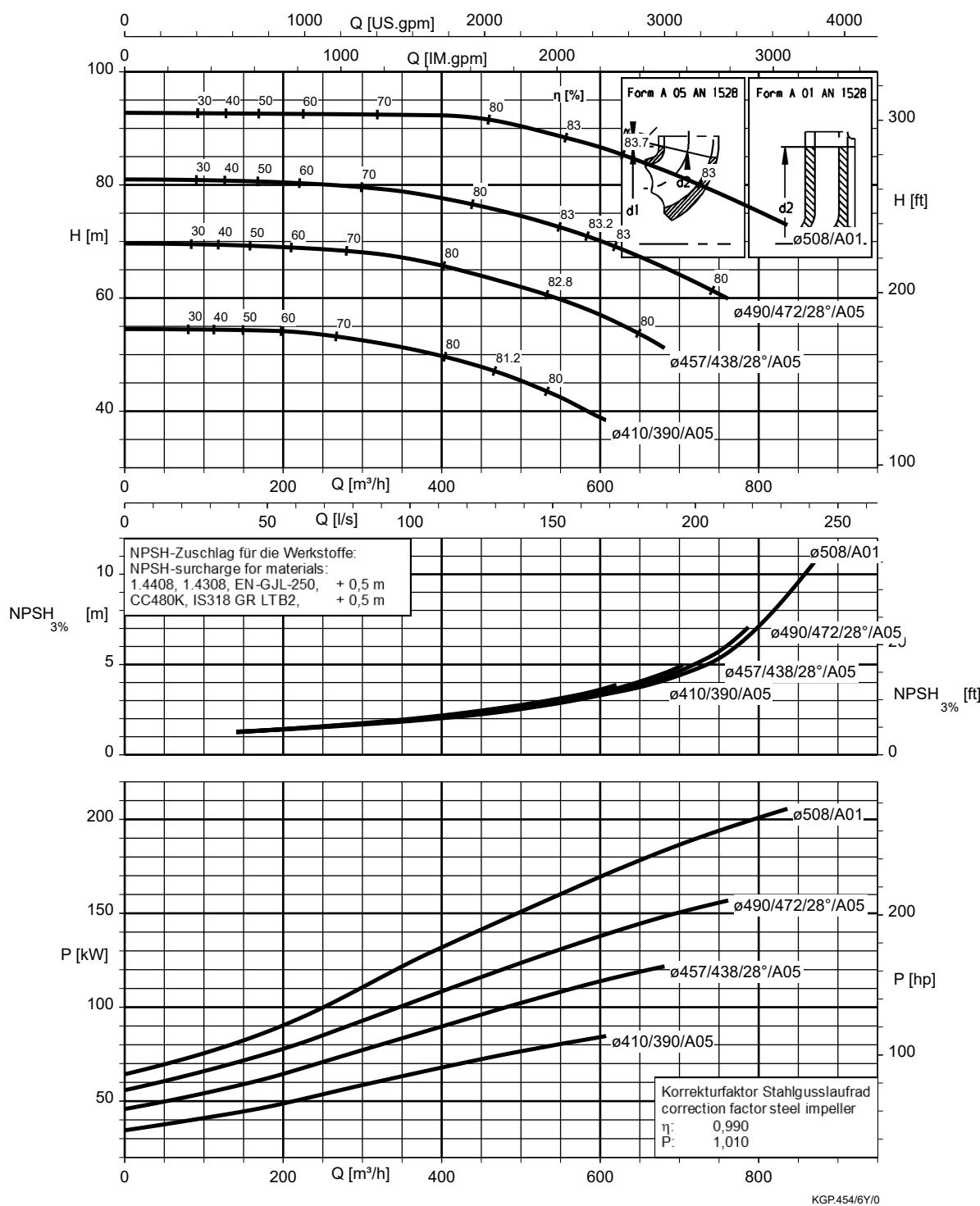
250-200-500, n=1450 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



250-200-510, n = 1450 rpm

MegaCPK

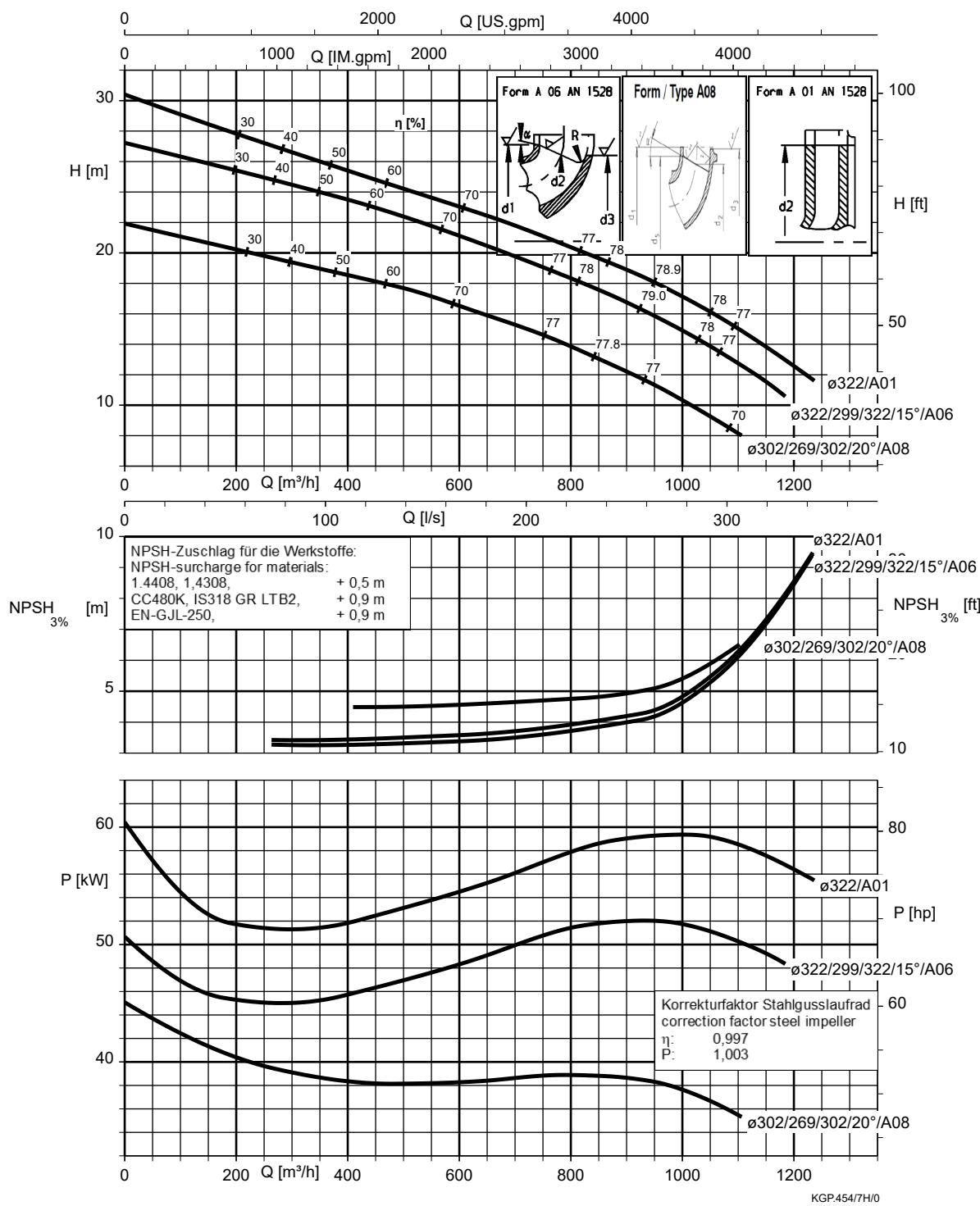


KGP.454/6Y/0

2731.450/09-EN

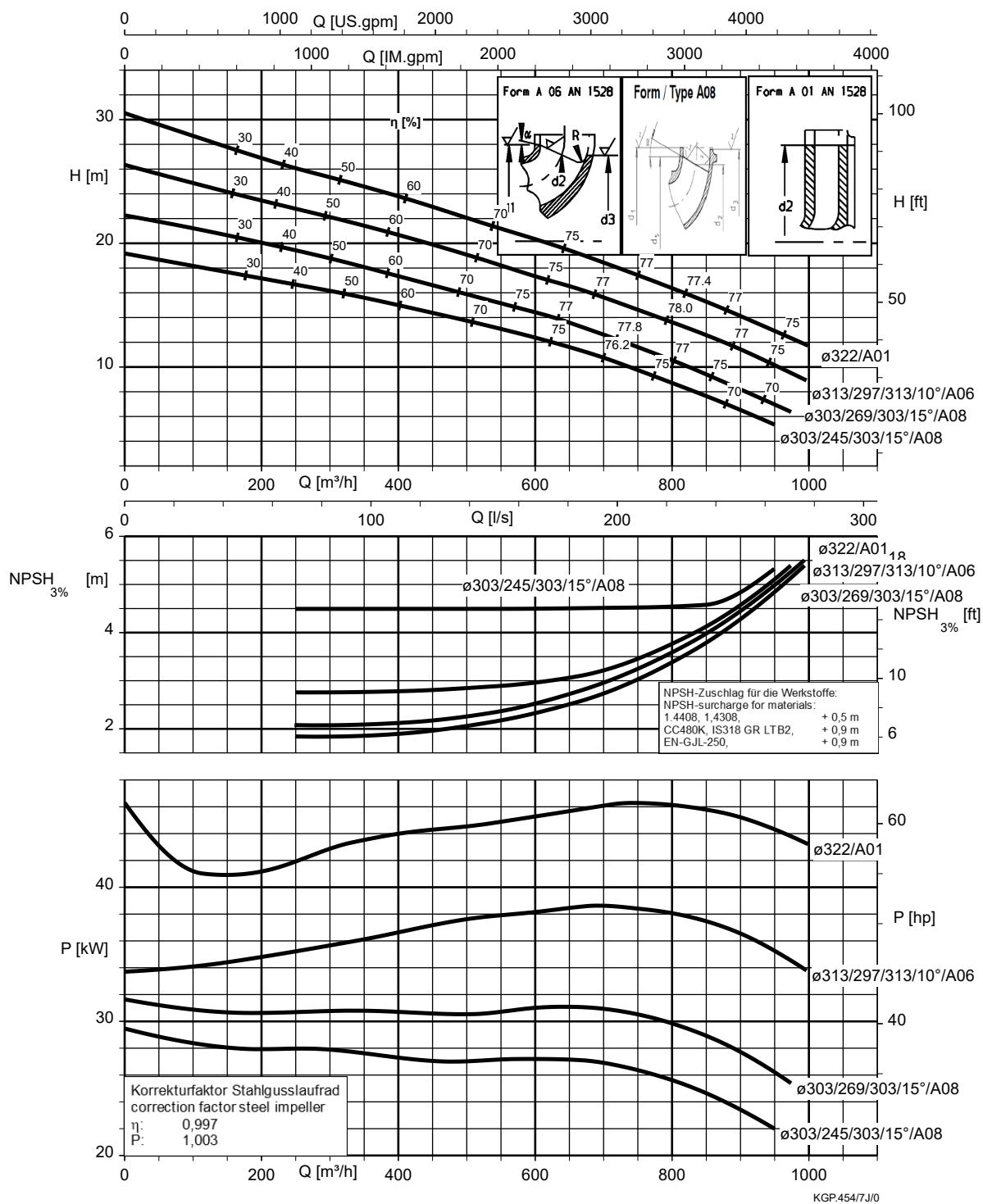
300-250-295, n = 1450 rpm

MegaCPK



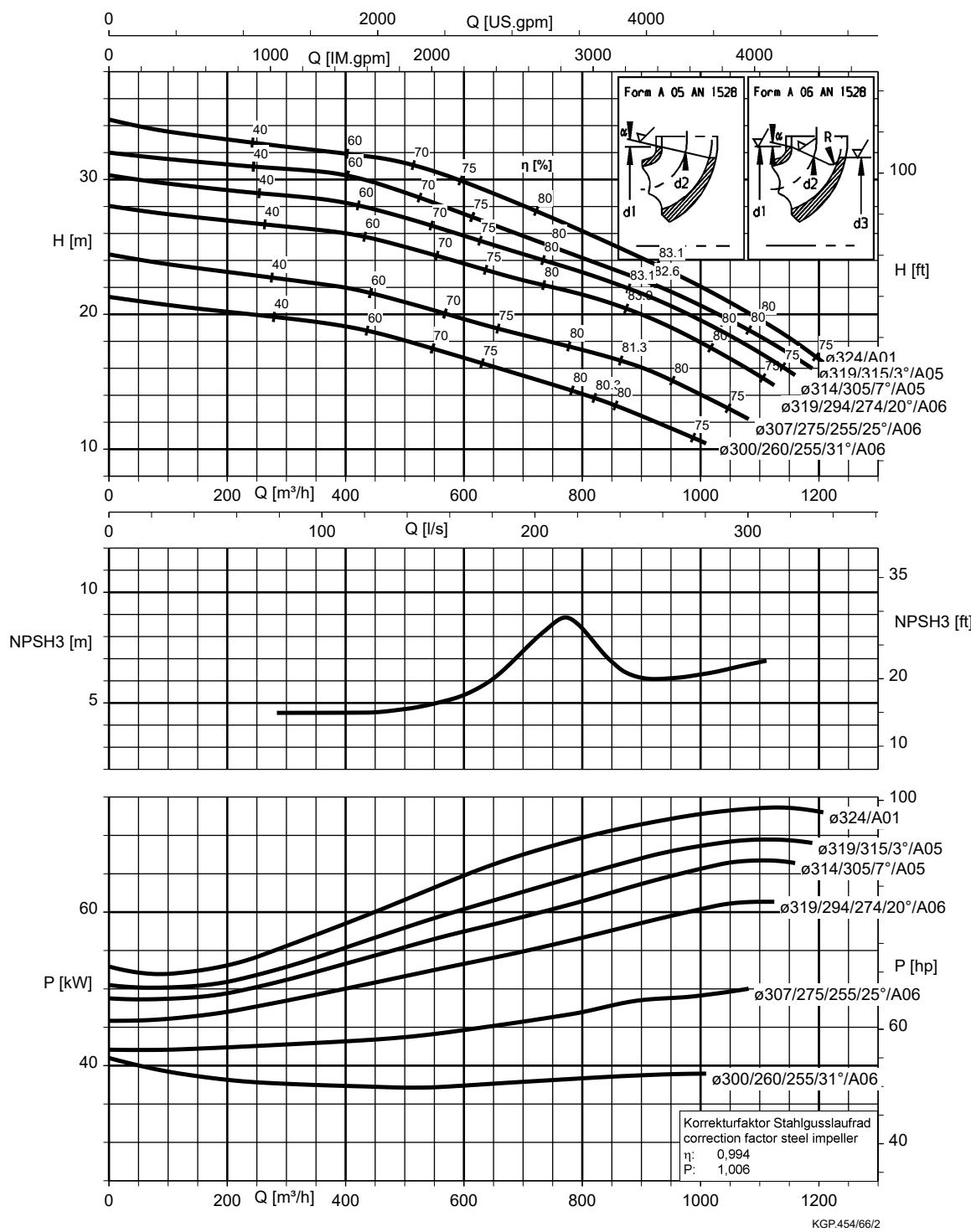
300-250-295.1, n = 1450 rpm

MegaCPK



300-250-315, n = 1450 rpm

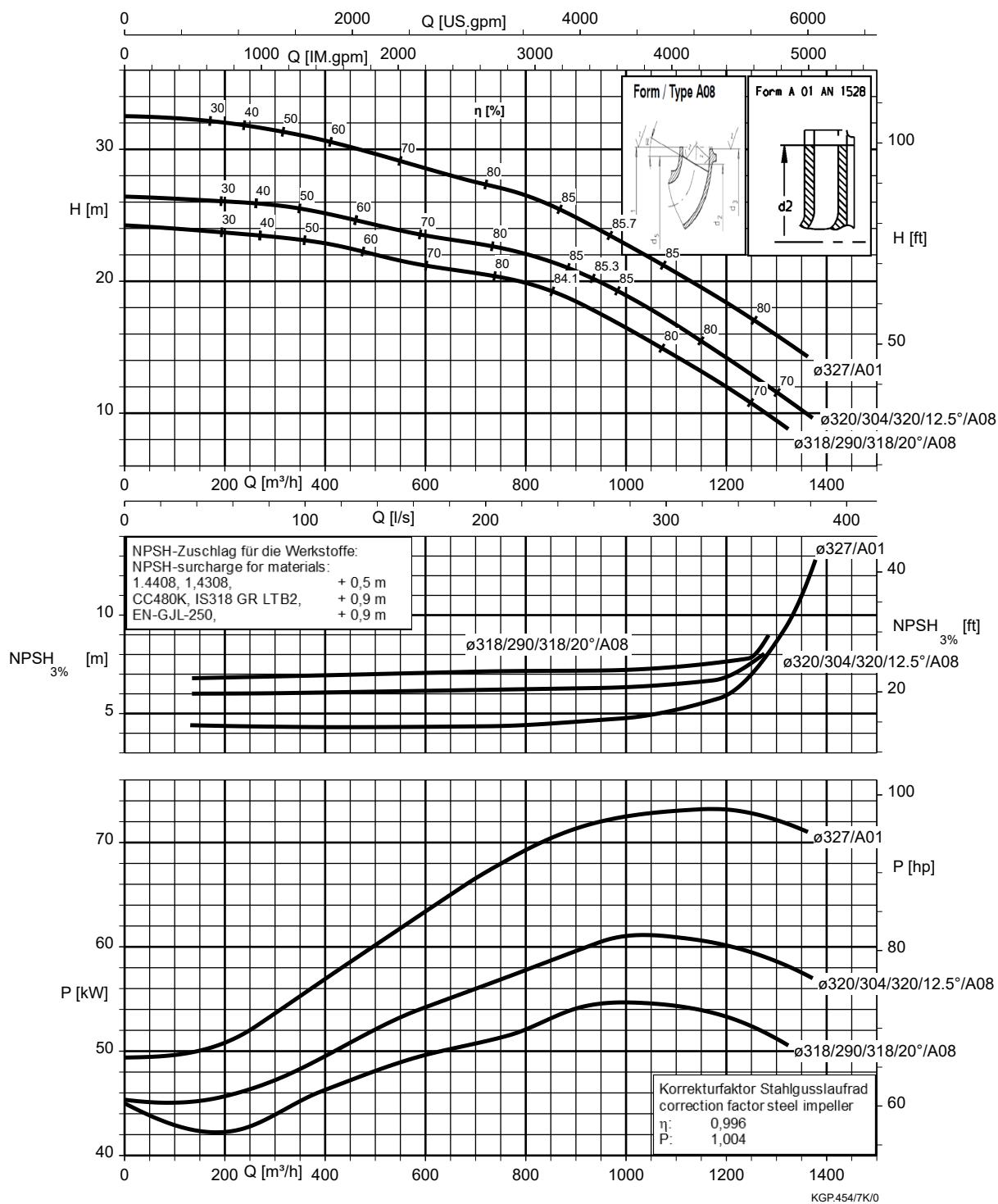
HPK-L, Magnochem, MegaCPK, Meganorm



KGP.454/66/2

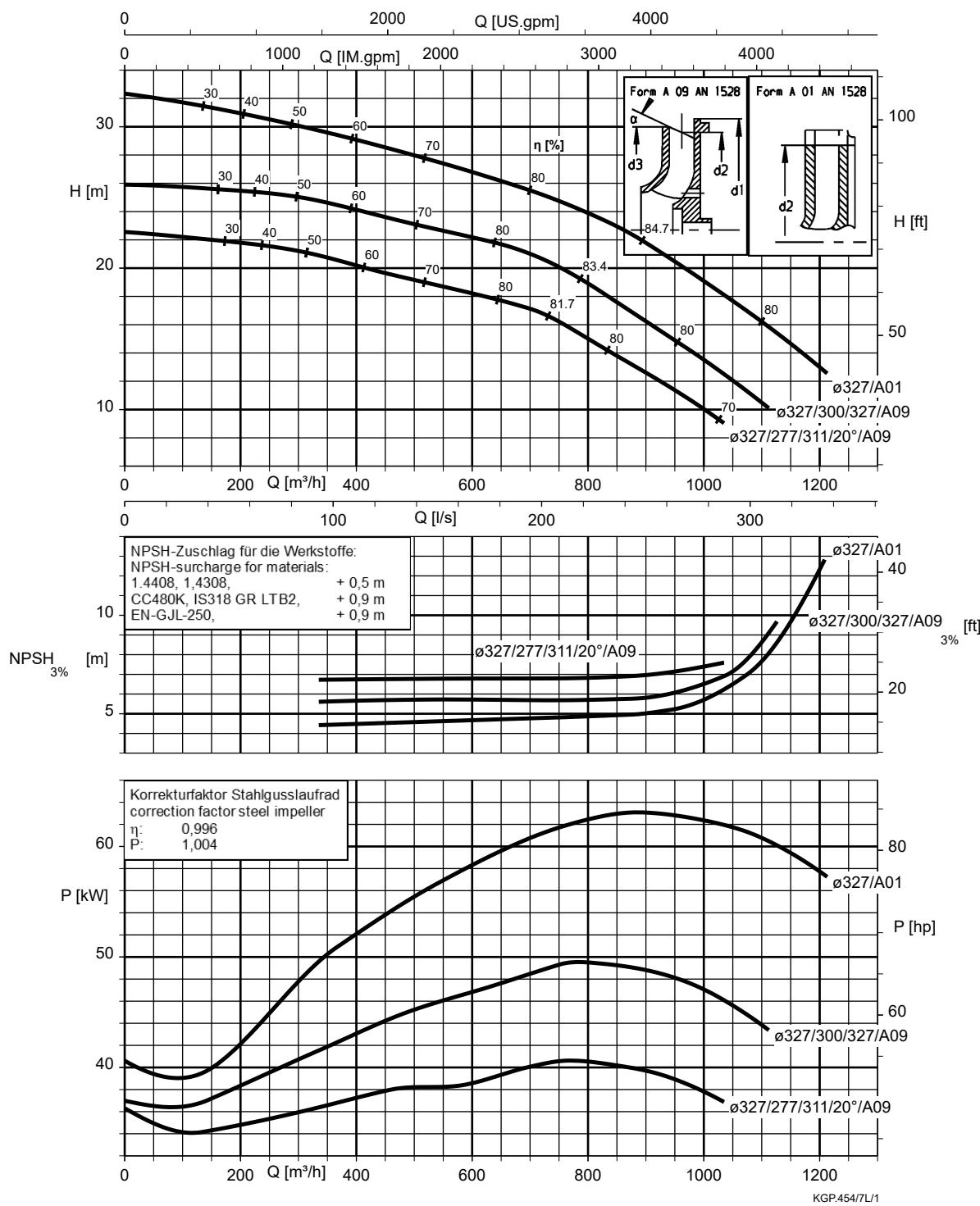
300-250-320, n = 1450 rpm

MegaCPK



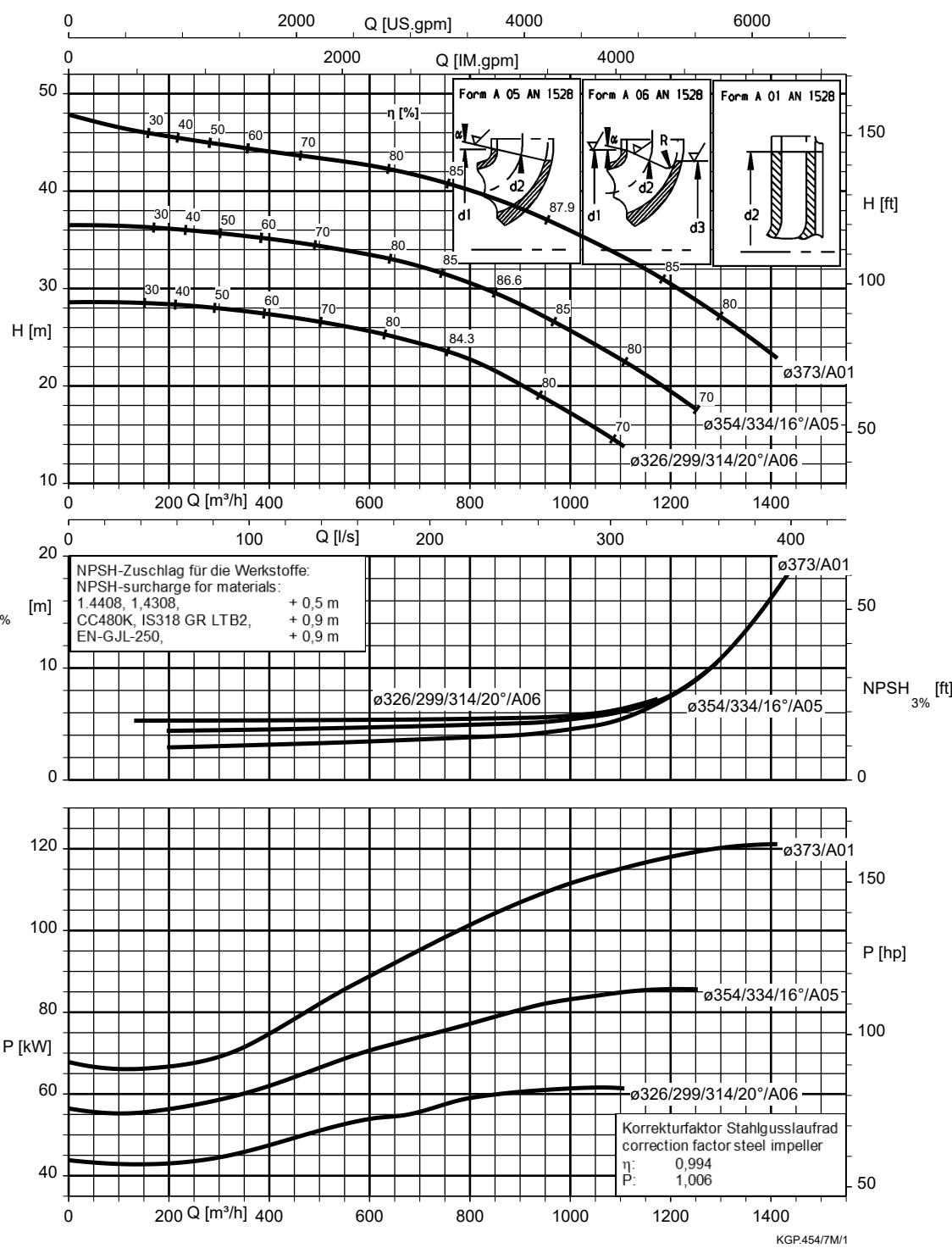
300-250-320.1, n = 1450 rpm

MegaCPK



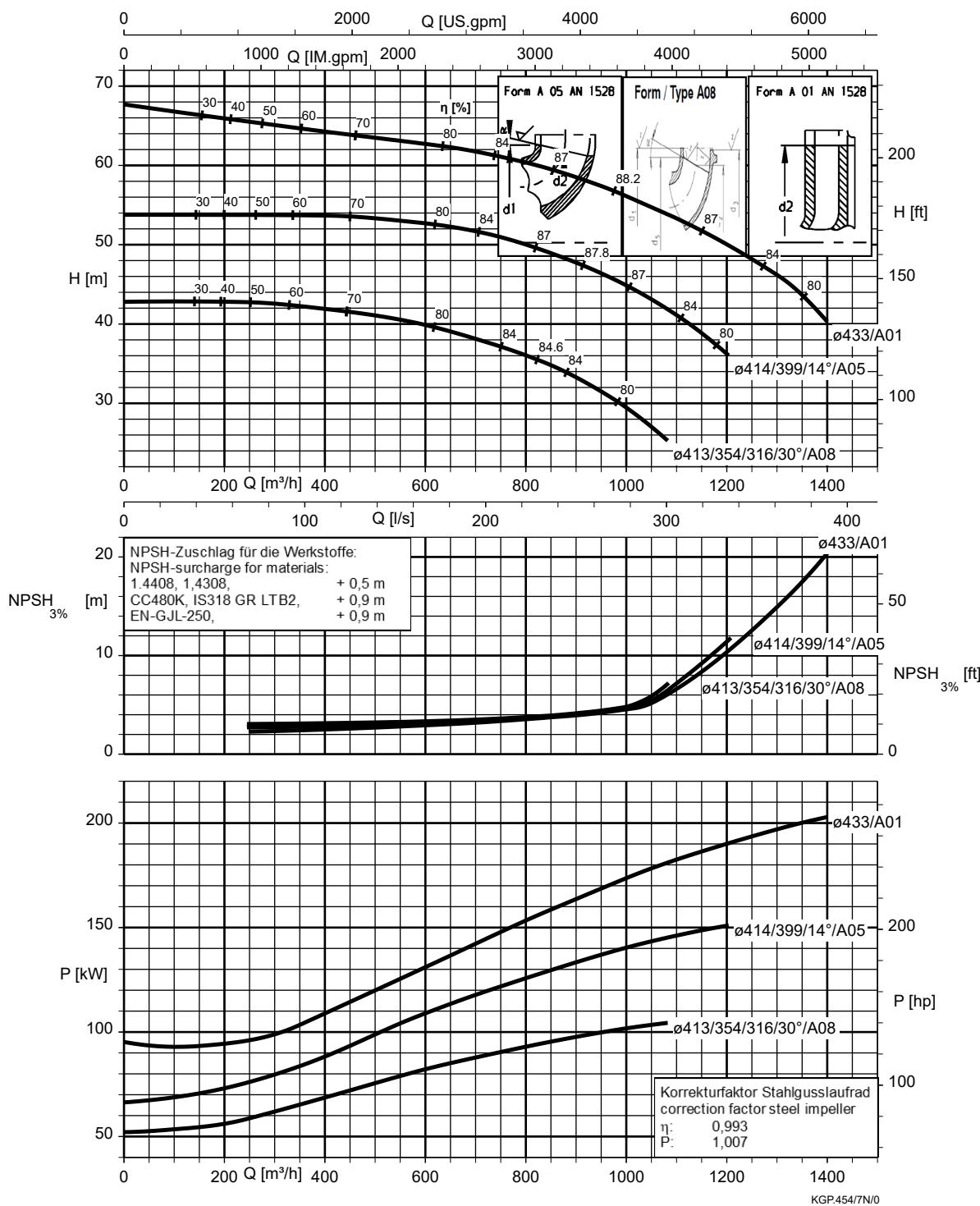
300-250-375, n = 1450 rpm

MegaCPK



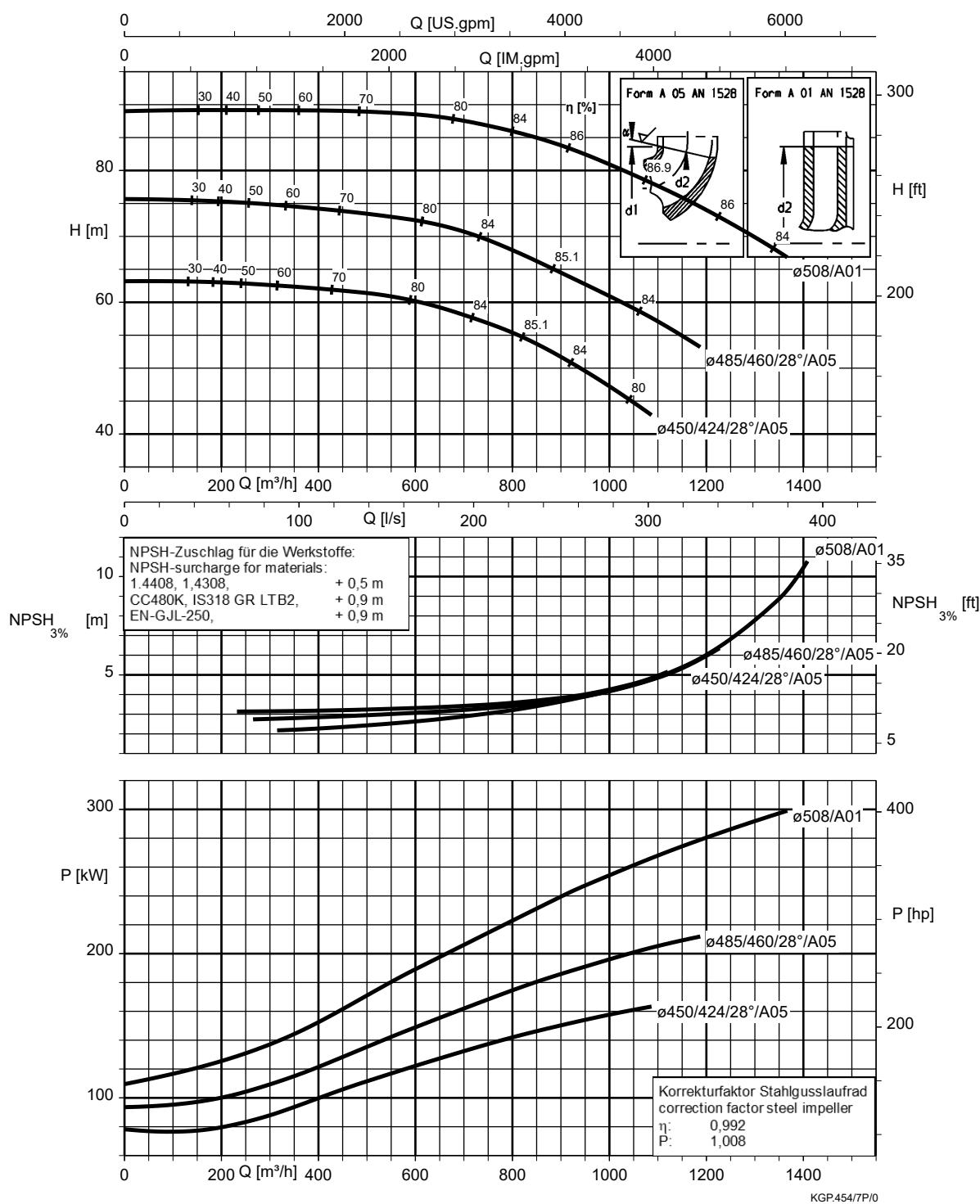
300-250-435, n = 1450 rpm

MegaCPK



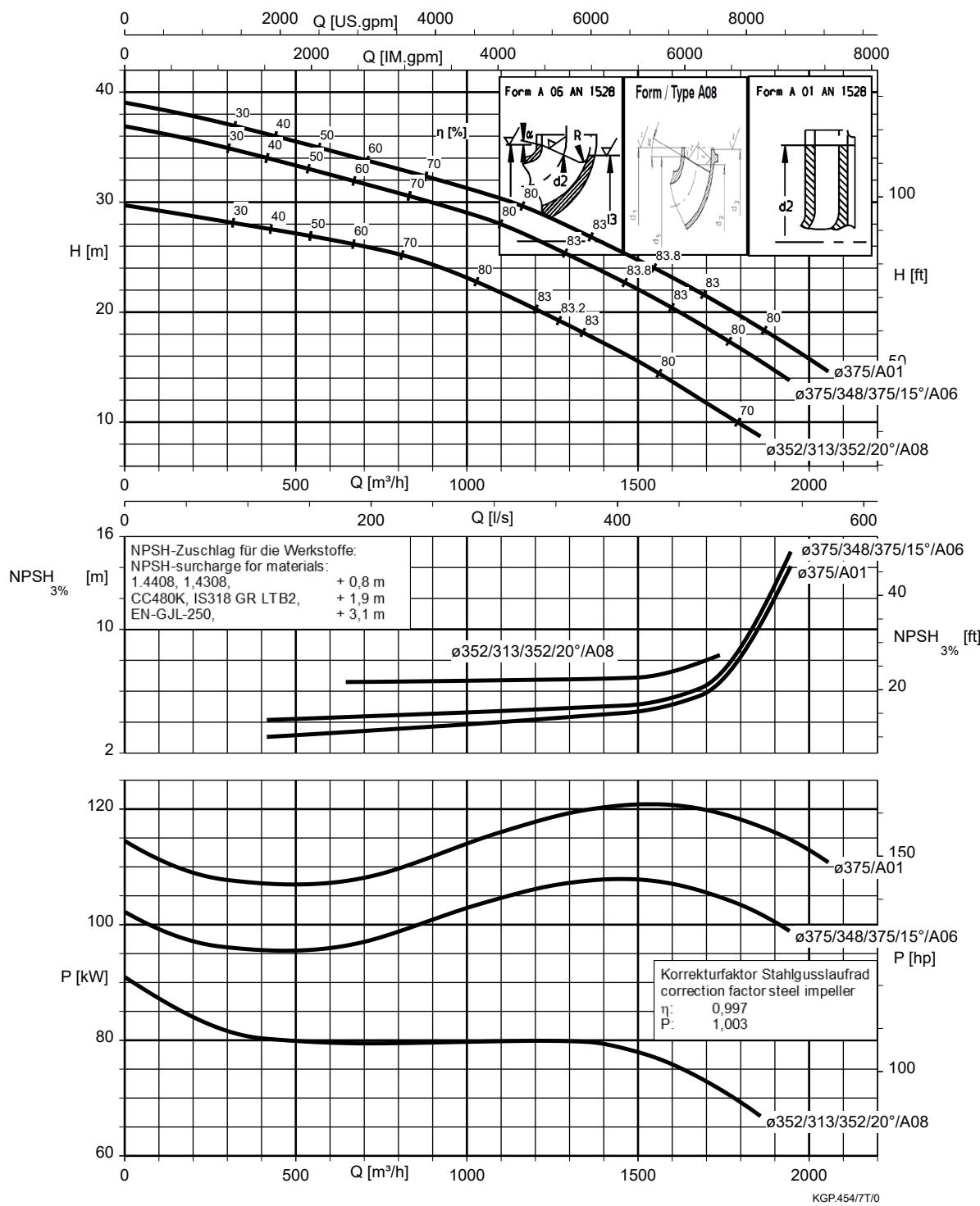
300-250-510, n = 1450 rpm

MegaCPK



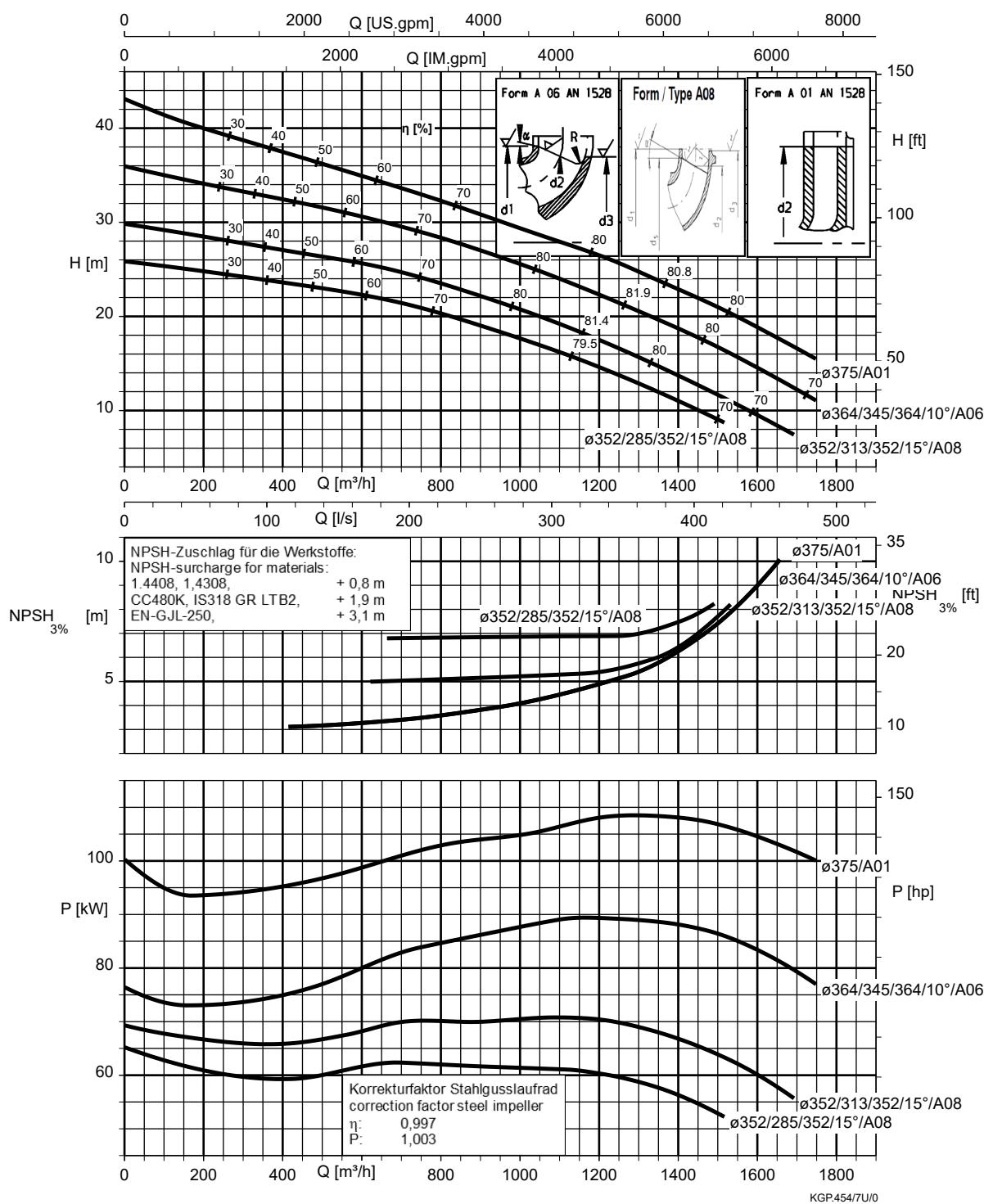
350-300-350, n = 1450 rpm

MegaCPK



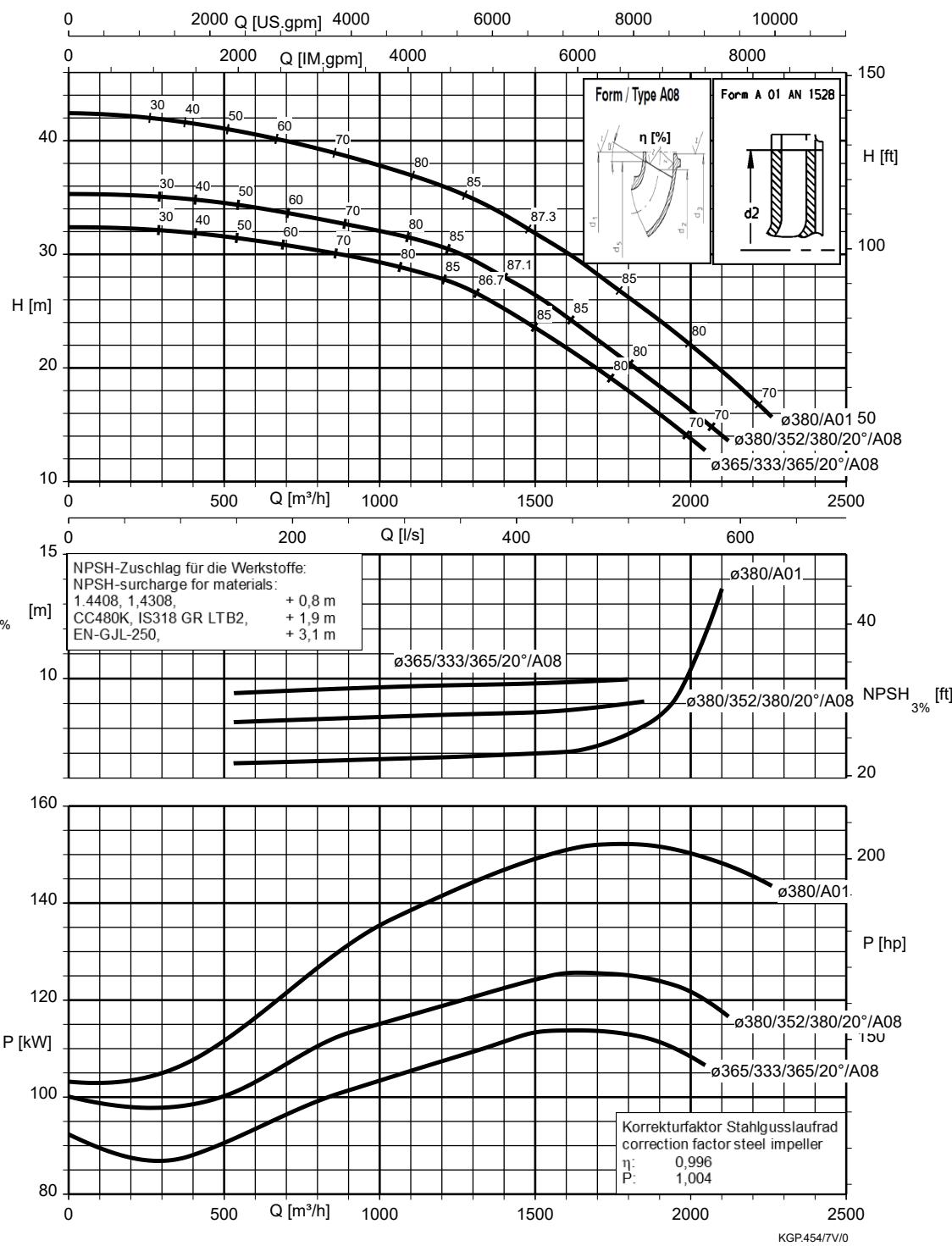
350-300-350.1, n = 1450 rpm

MegaCPK



350-300-375, n = 1450 rpm

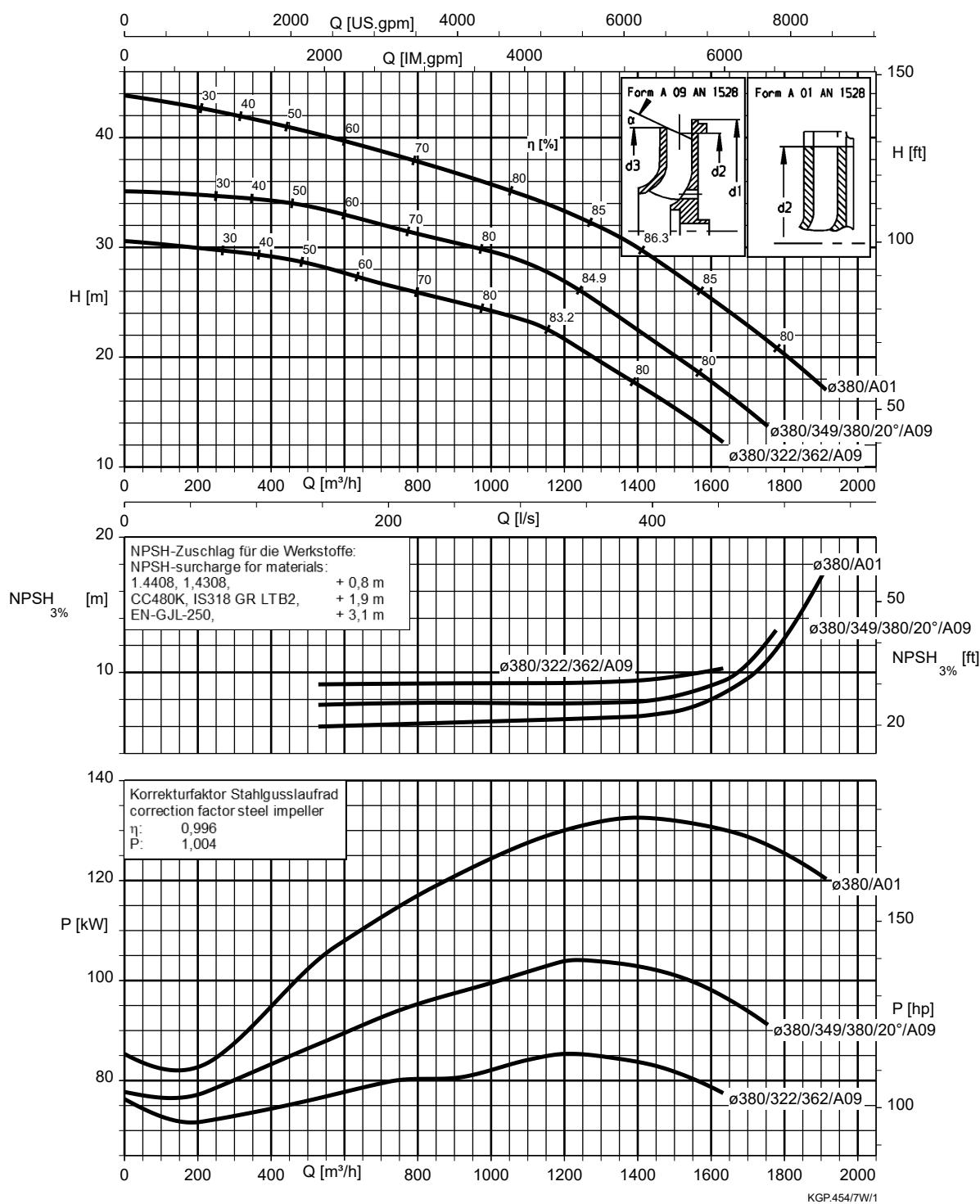
MegaCPK



KGP.454/7V/0

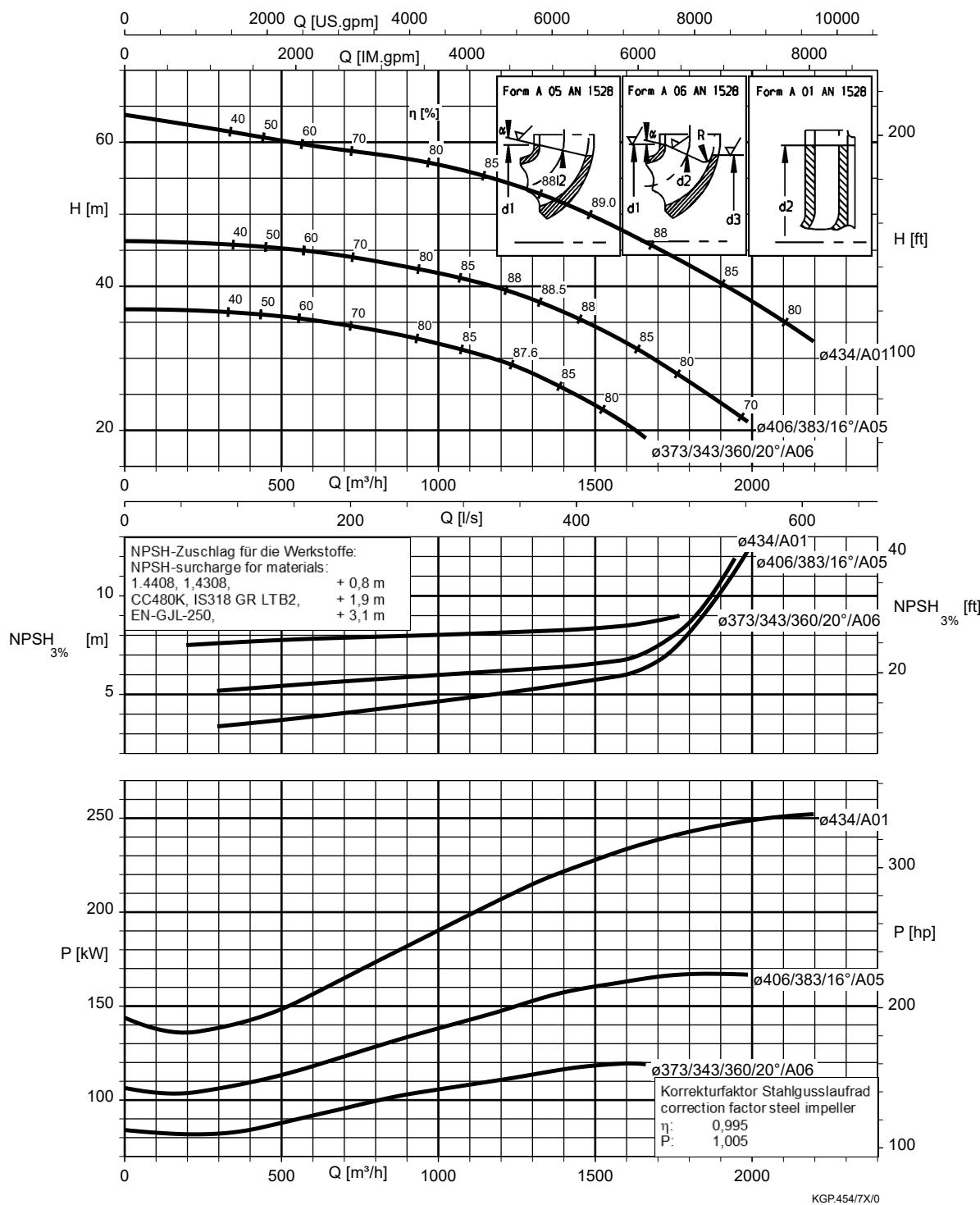
350-300-375.1, n = 1450 rpm

MegaCPK



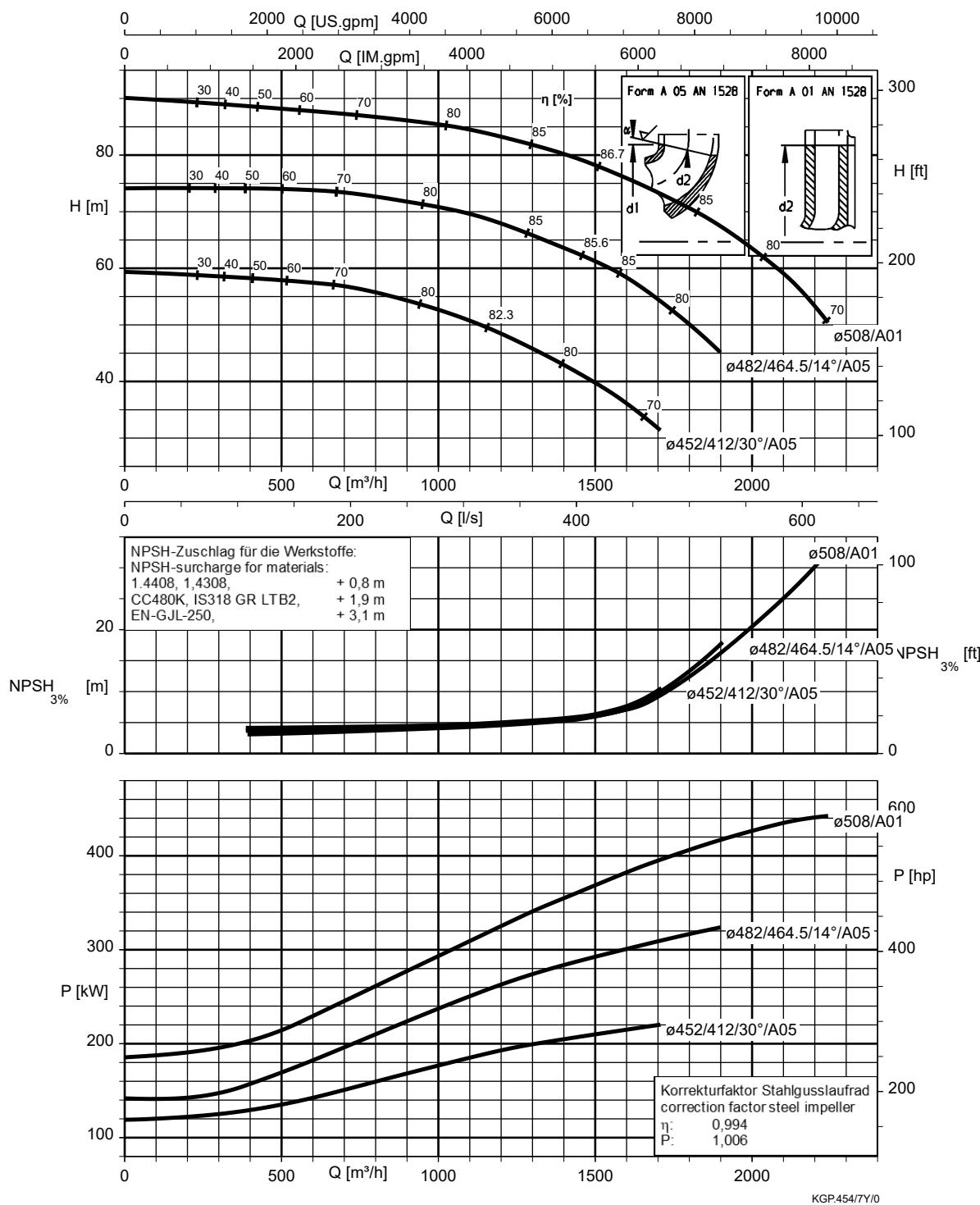
350-300-435, n = 1450 rpm

MegaCPK



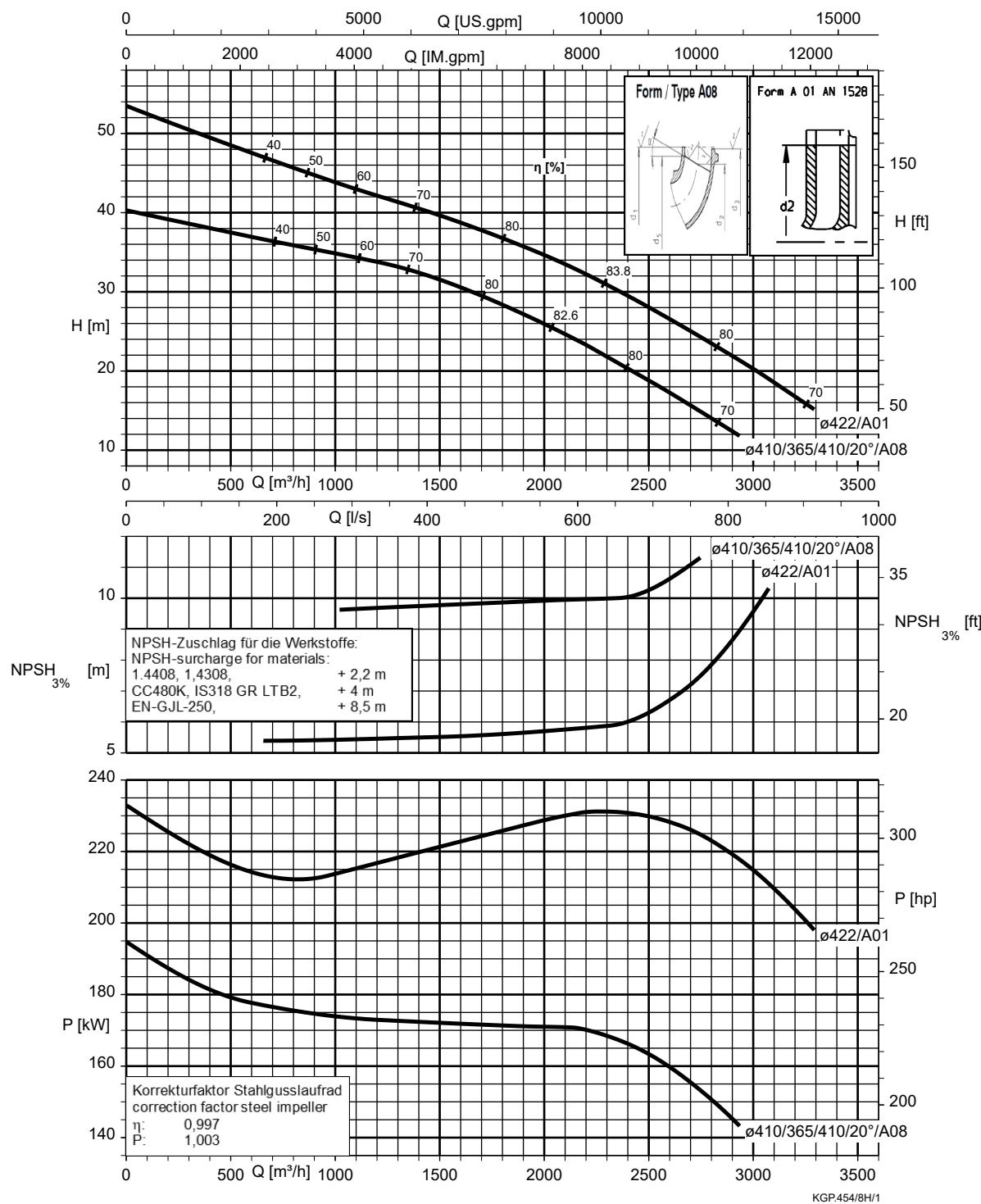
350-300-510, n = 1450 rpm

MegaCPK



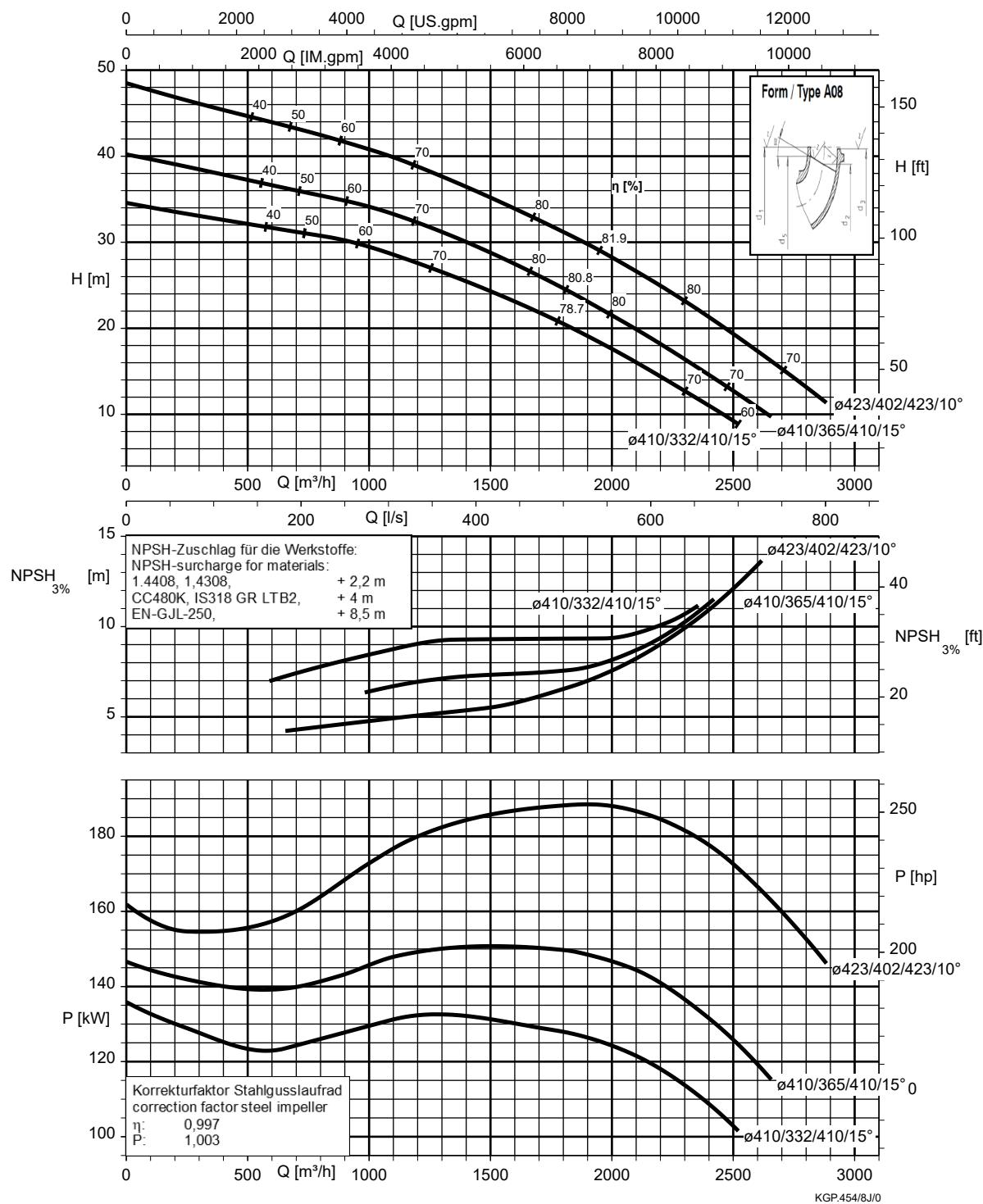
400-400-400, n = 1450 rpm

MegaCPK



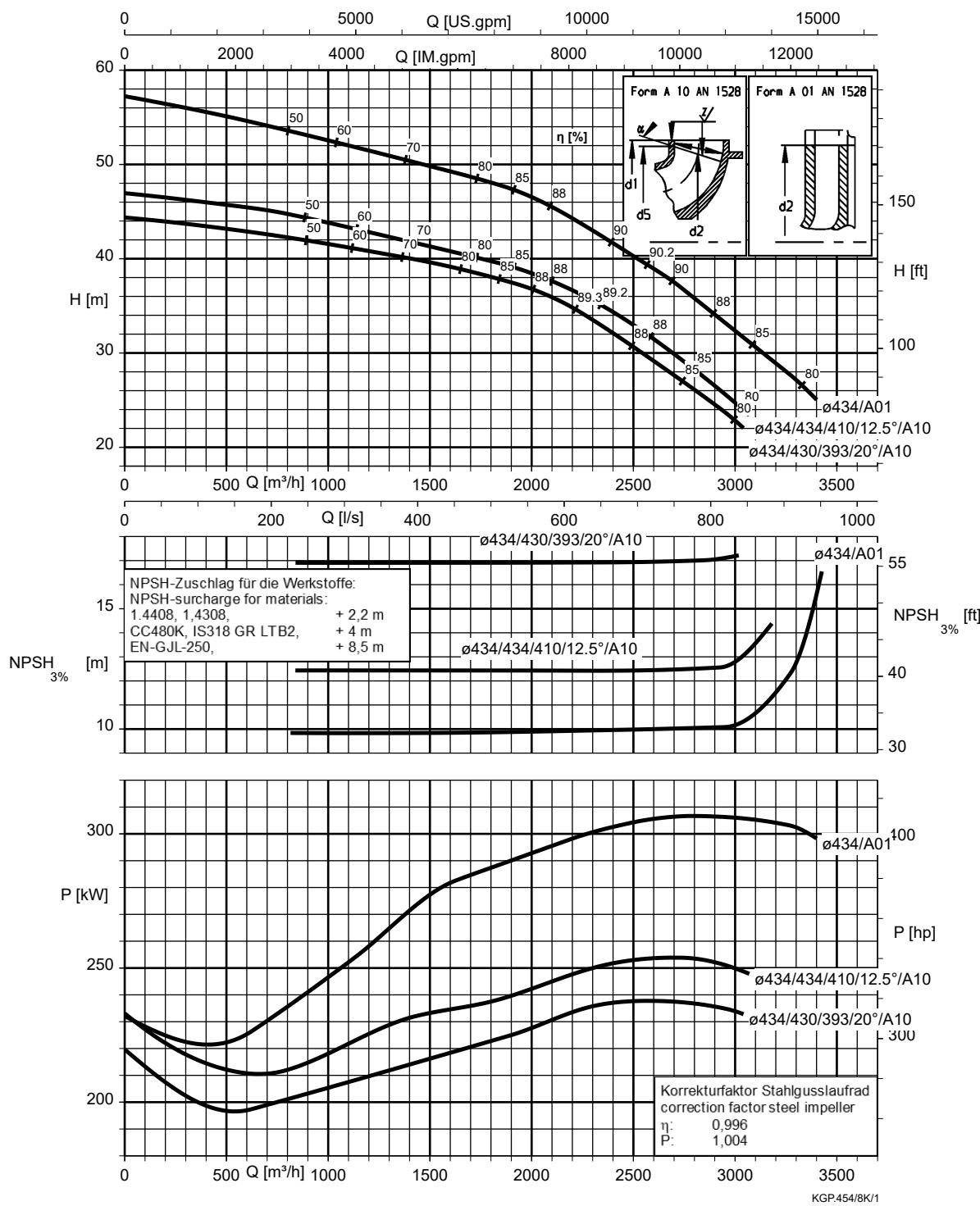
400-400-400.1, n = 1450 rpm

MegaCPK



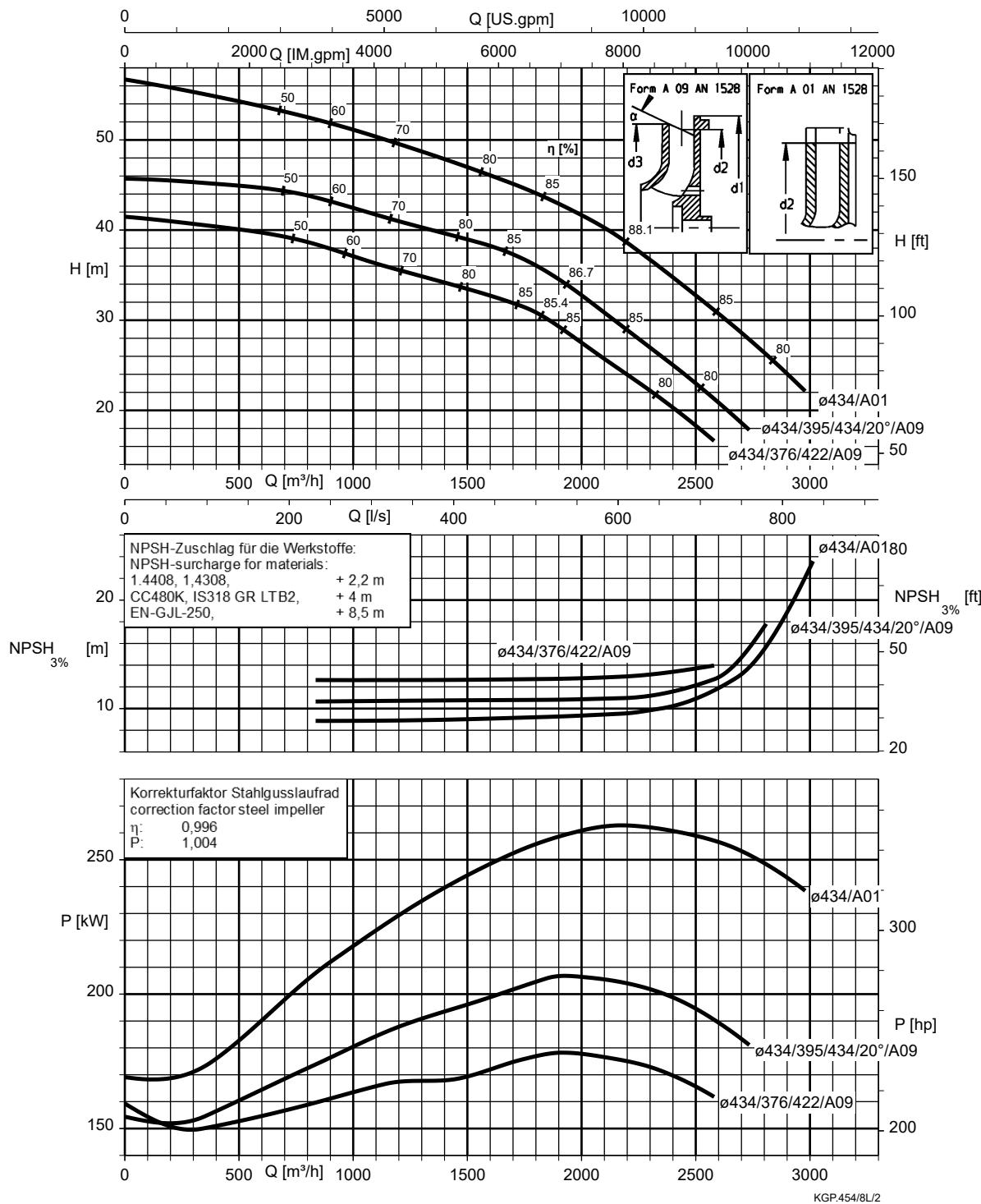
400-400-435, n = 1450 rpm

MegaCPK



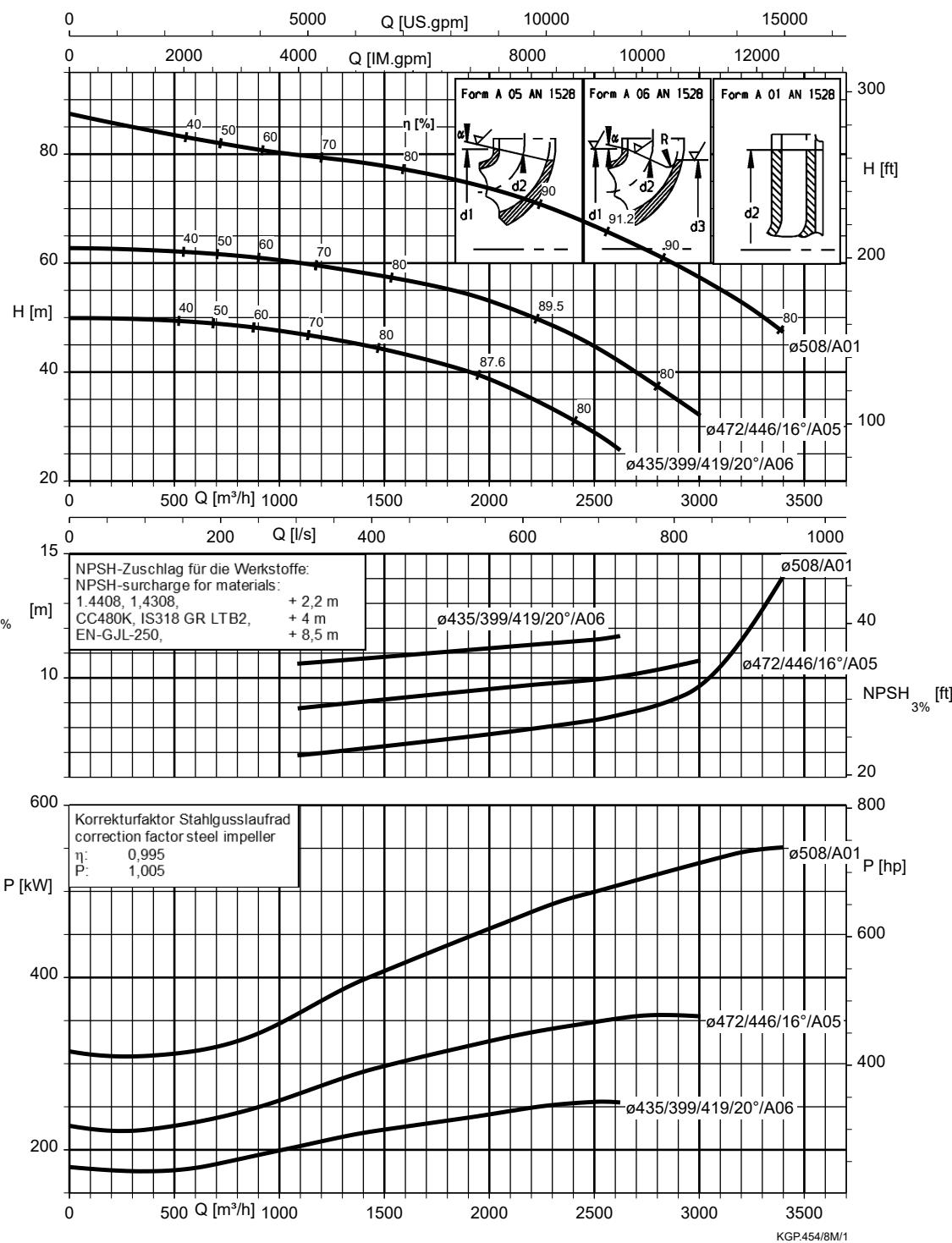
400-400-435.1, n = 1450 rpm

MegaCPK



400-400-510, n = 1450 rpm

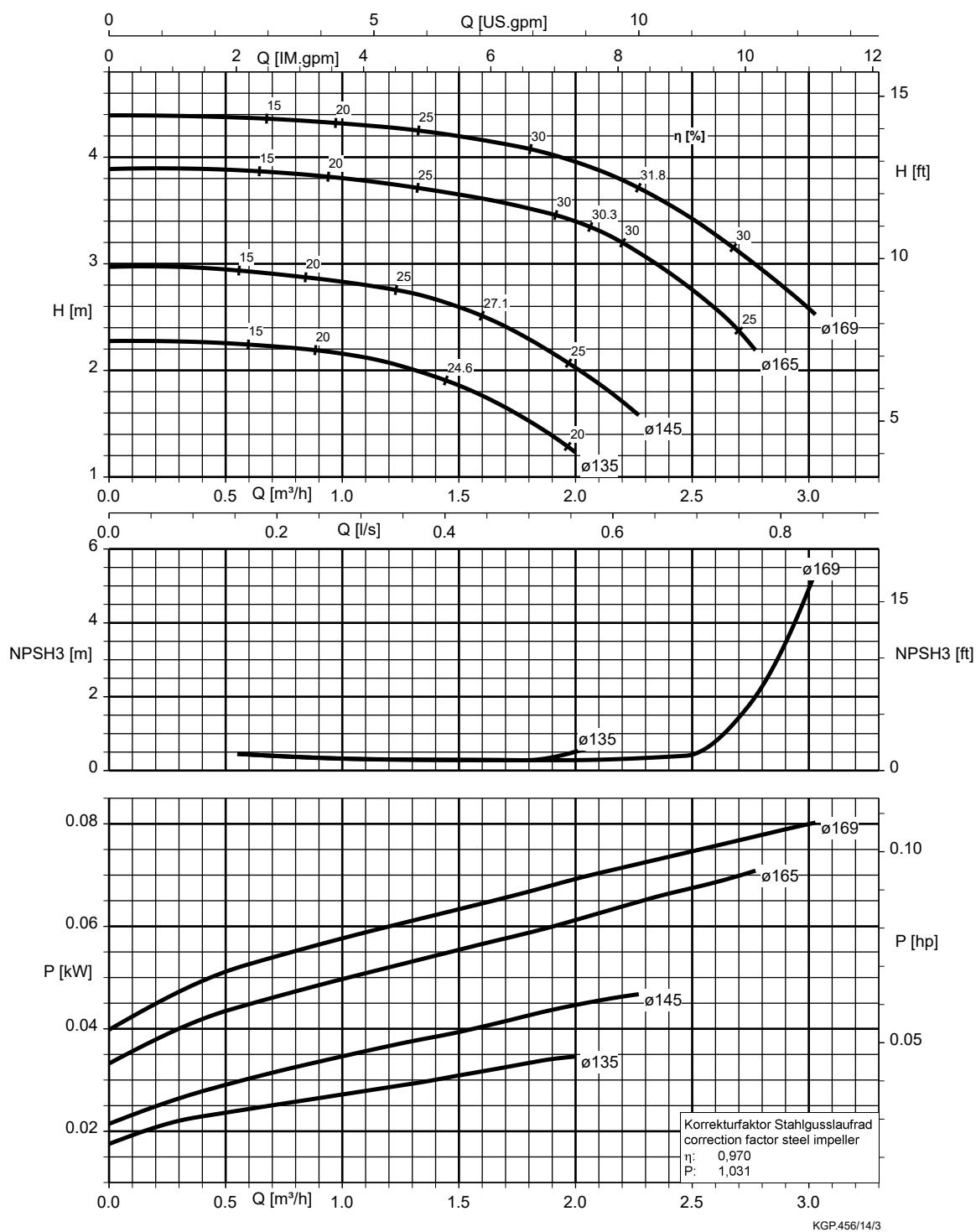
MegaCPK



n = 960 rpm

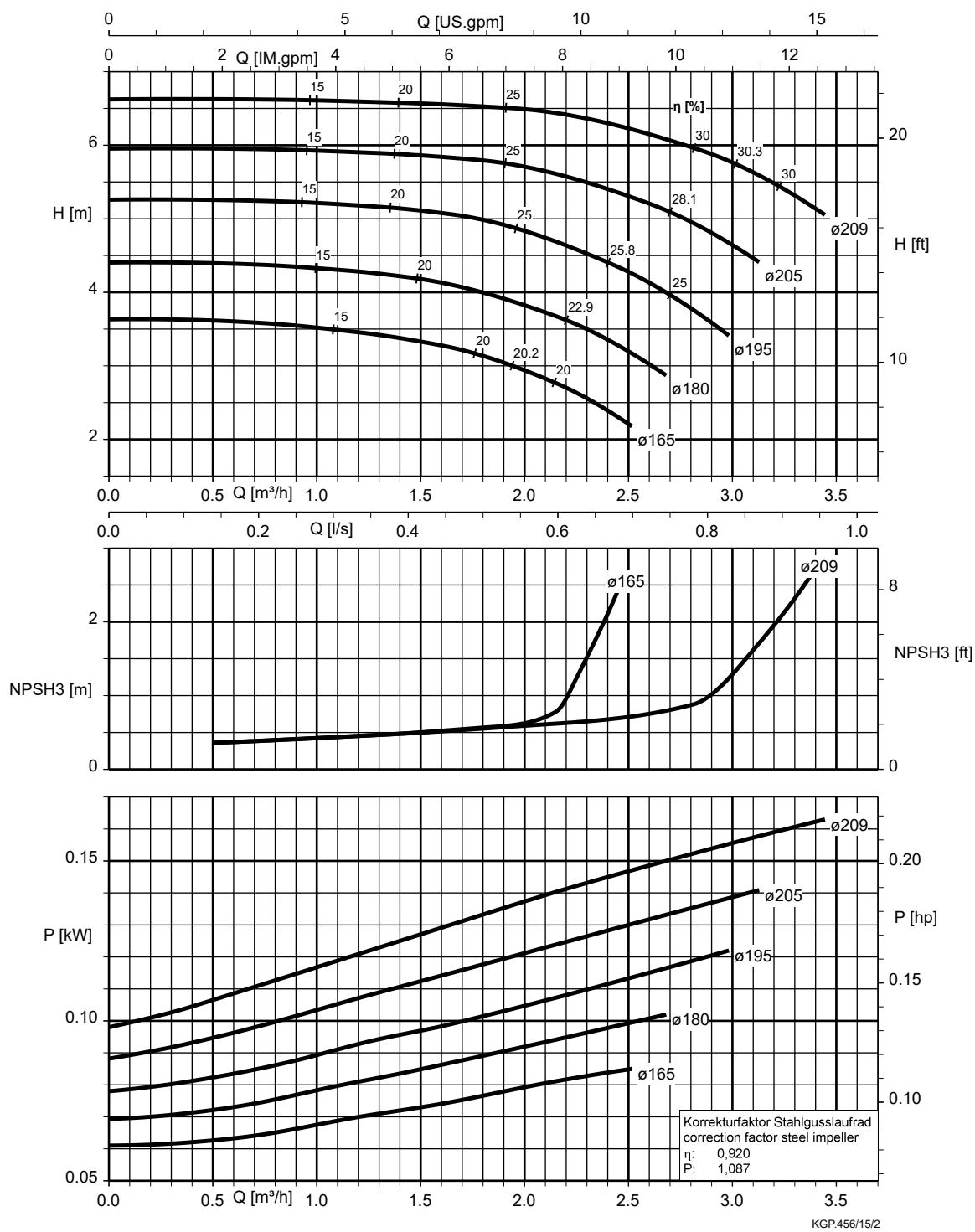
040-025-160, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



040-025-200, n = 960 rpm

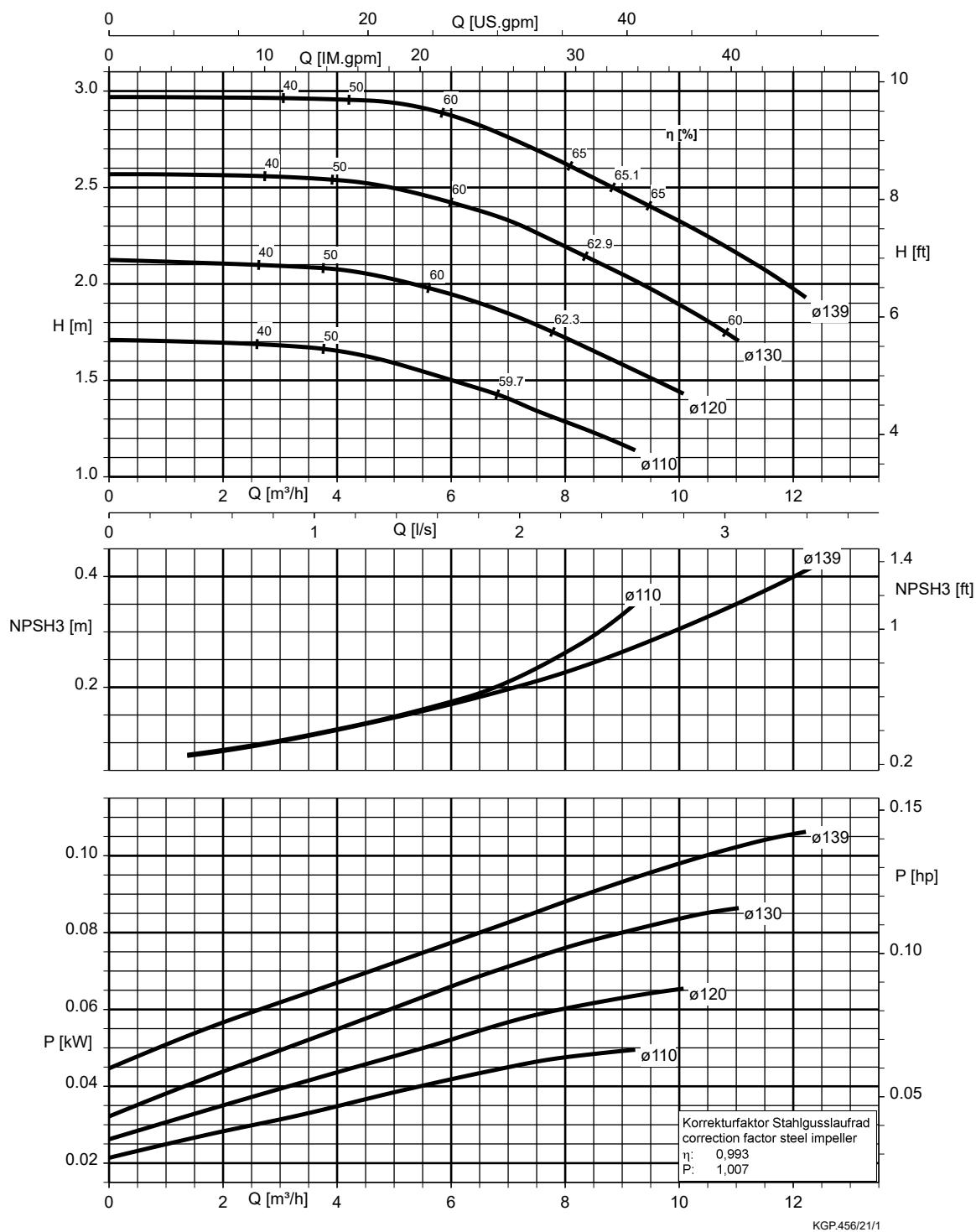
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.456/15/2

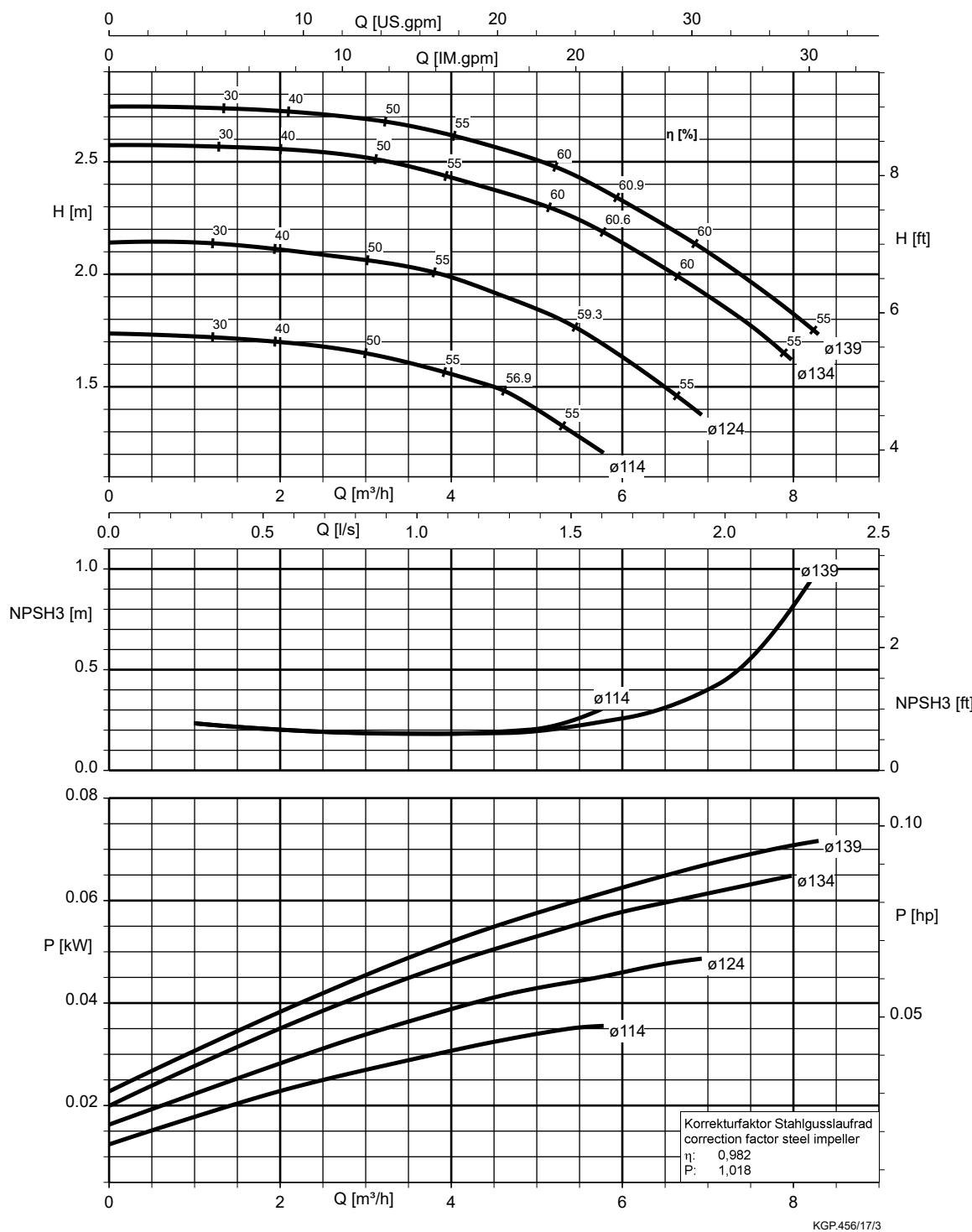
050-032-125, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



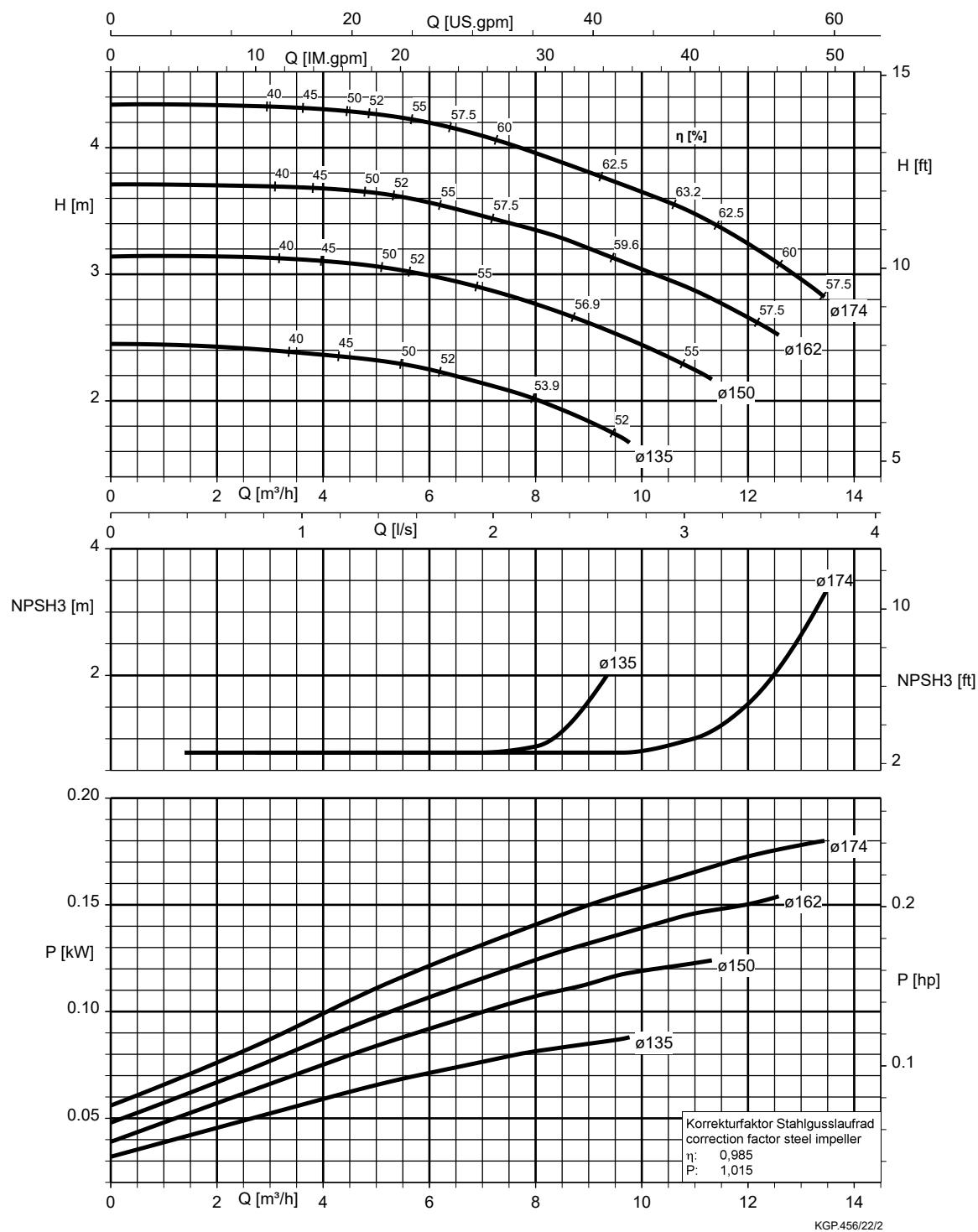
050-032-125.1, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



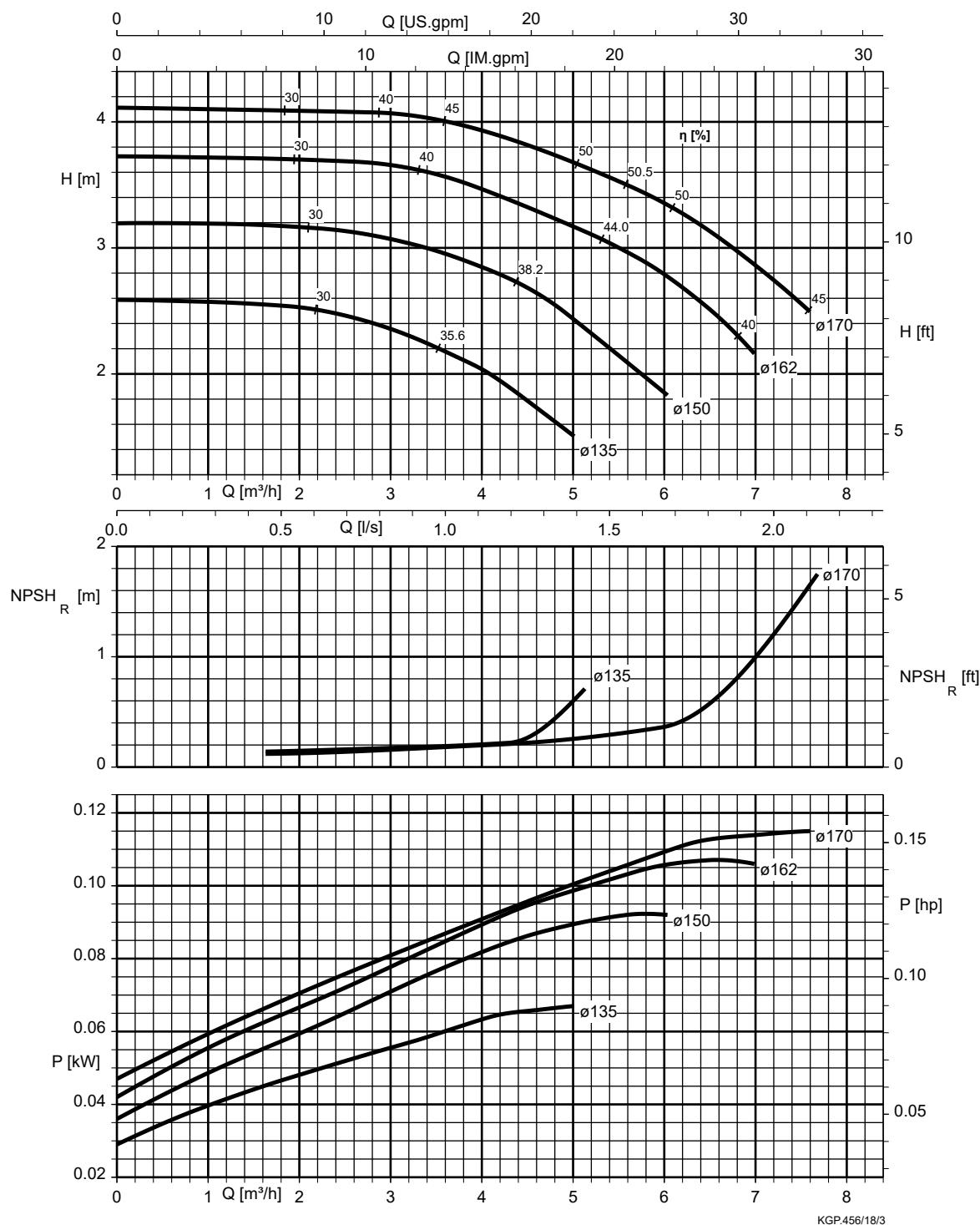
050-032-160, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



050-032-160.1, n = 960 rpm

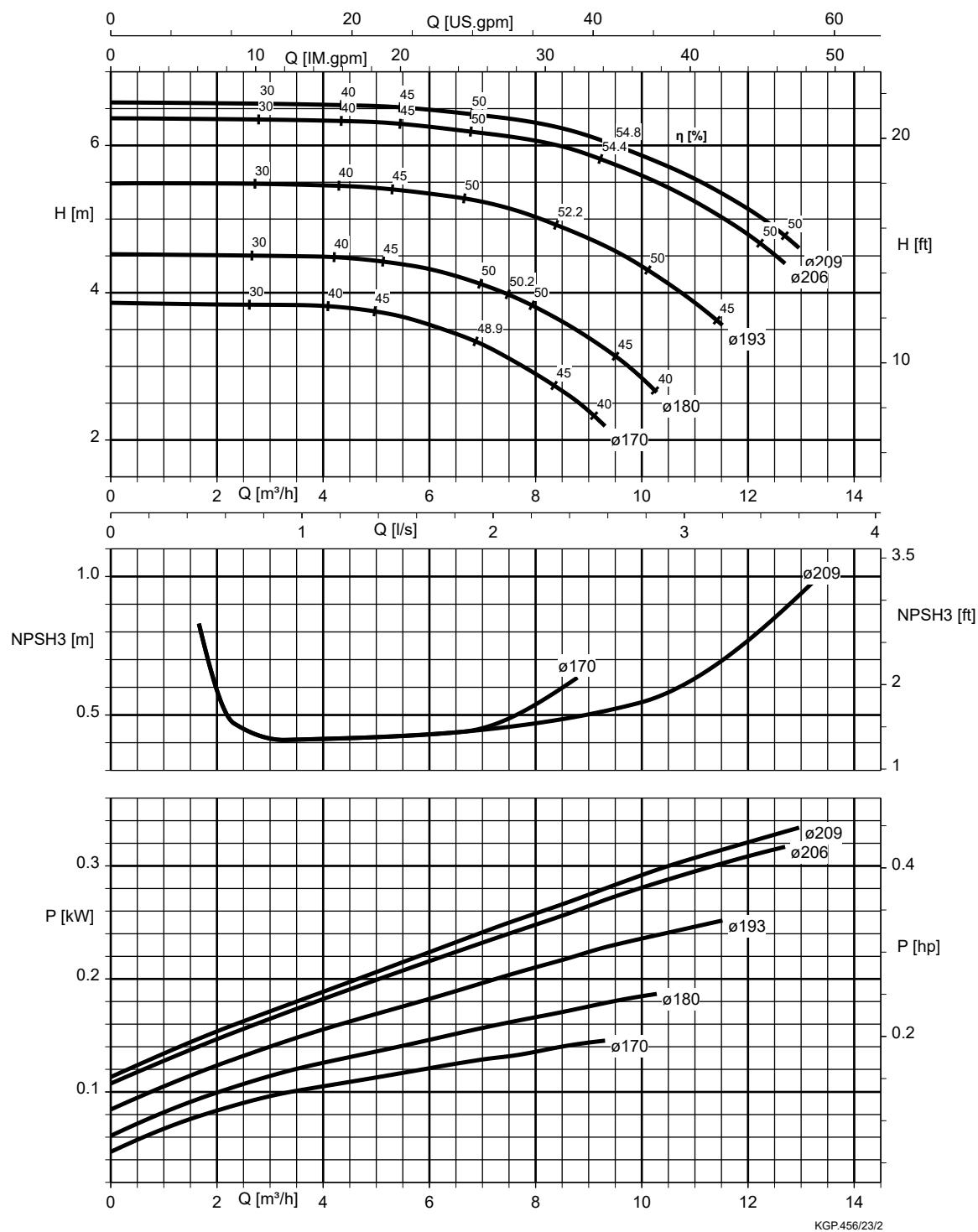
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.456/18/3

050-032-200, n = 960 rpm

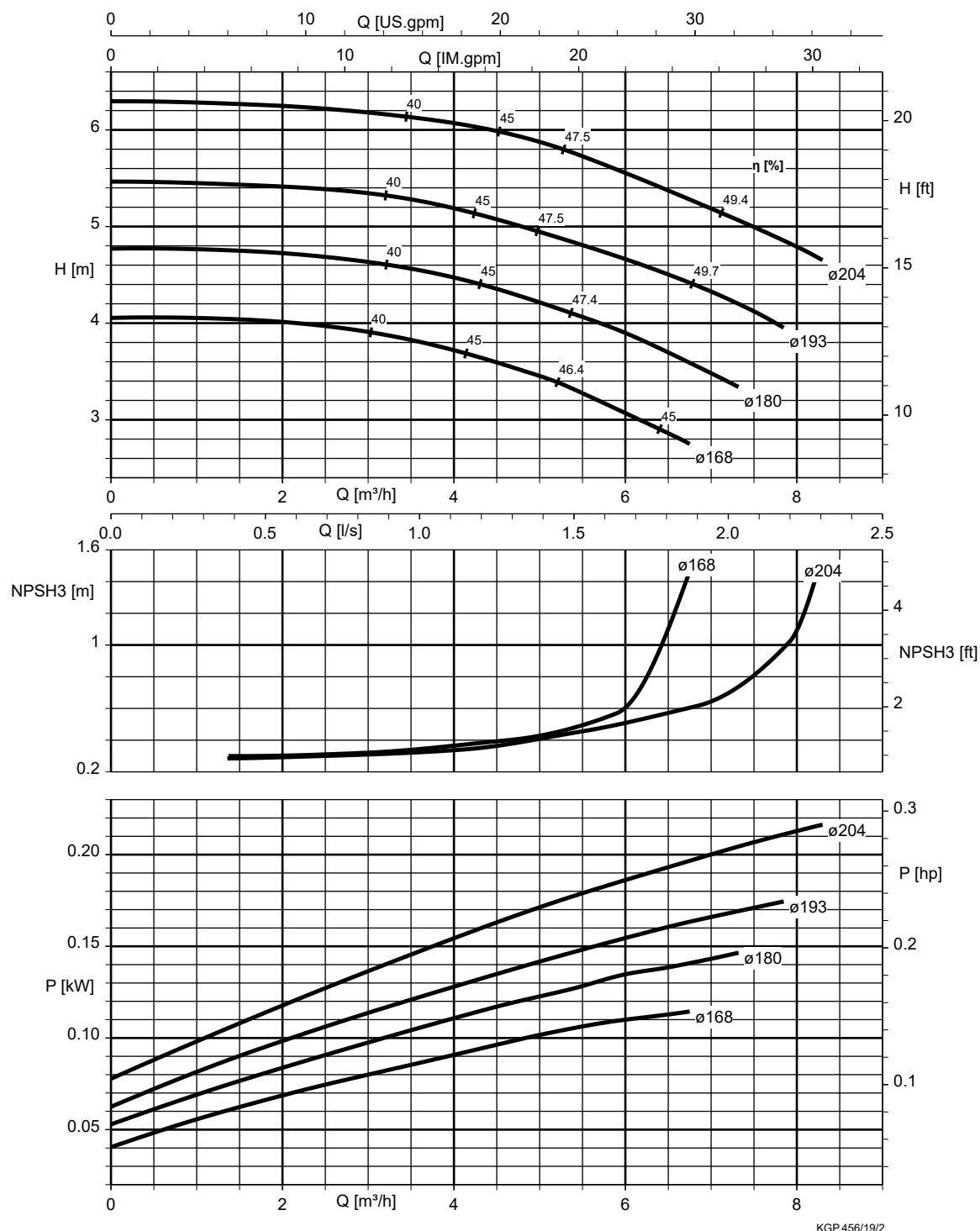
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.456/23/2

050-032-200.1, n = 960 rpm

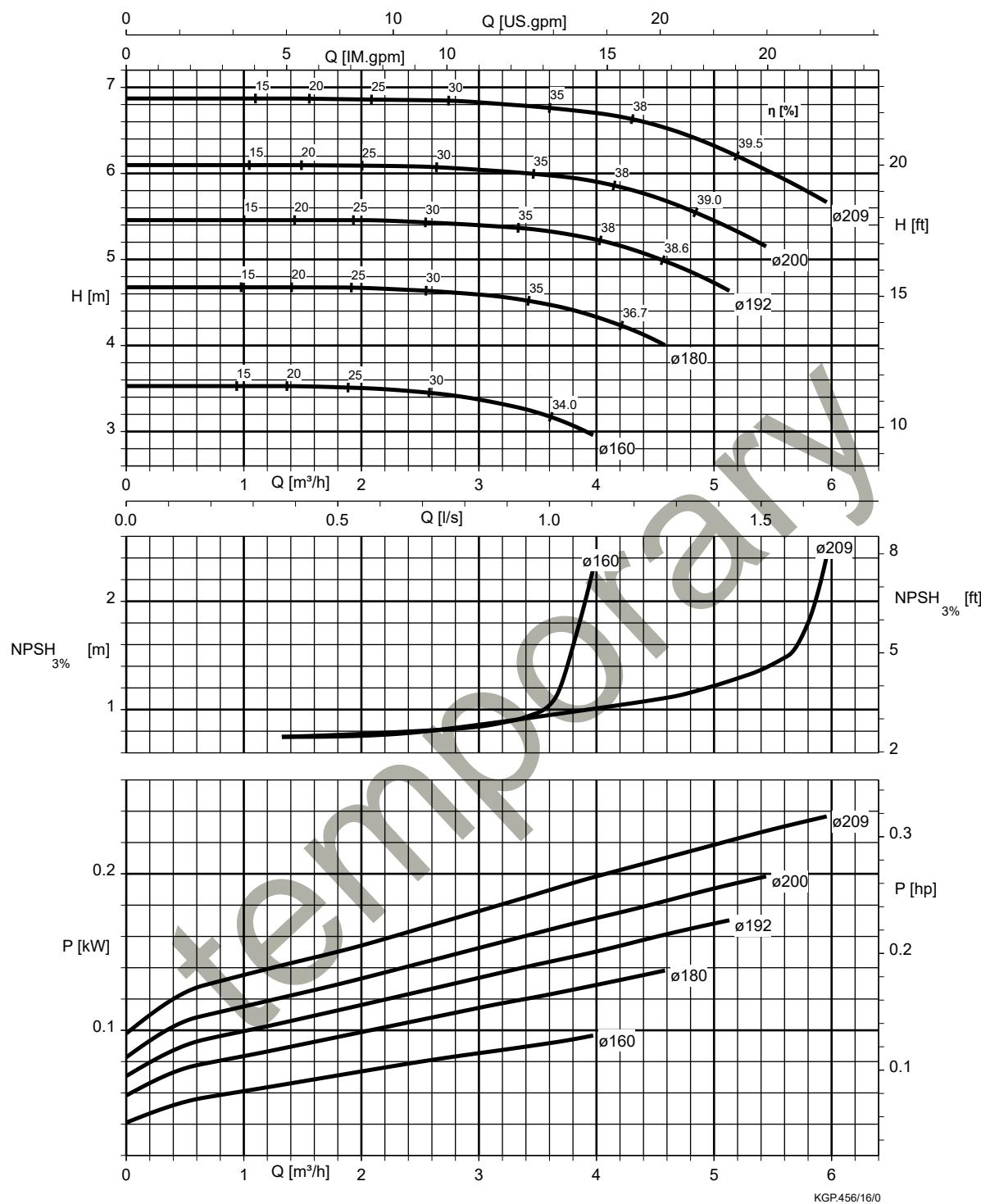
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.456/19/2

050-032-200.2, n = 960 rpm

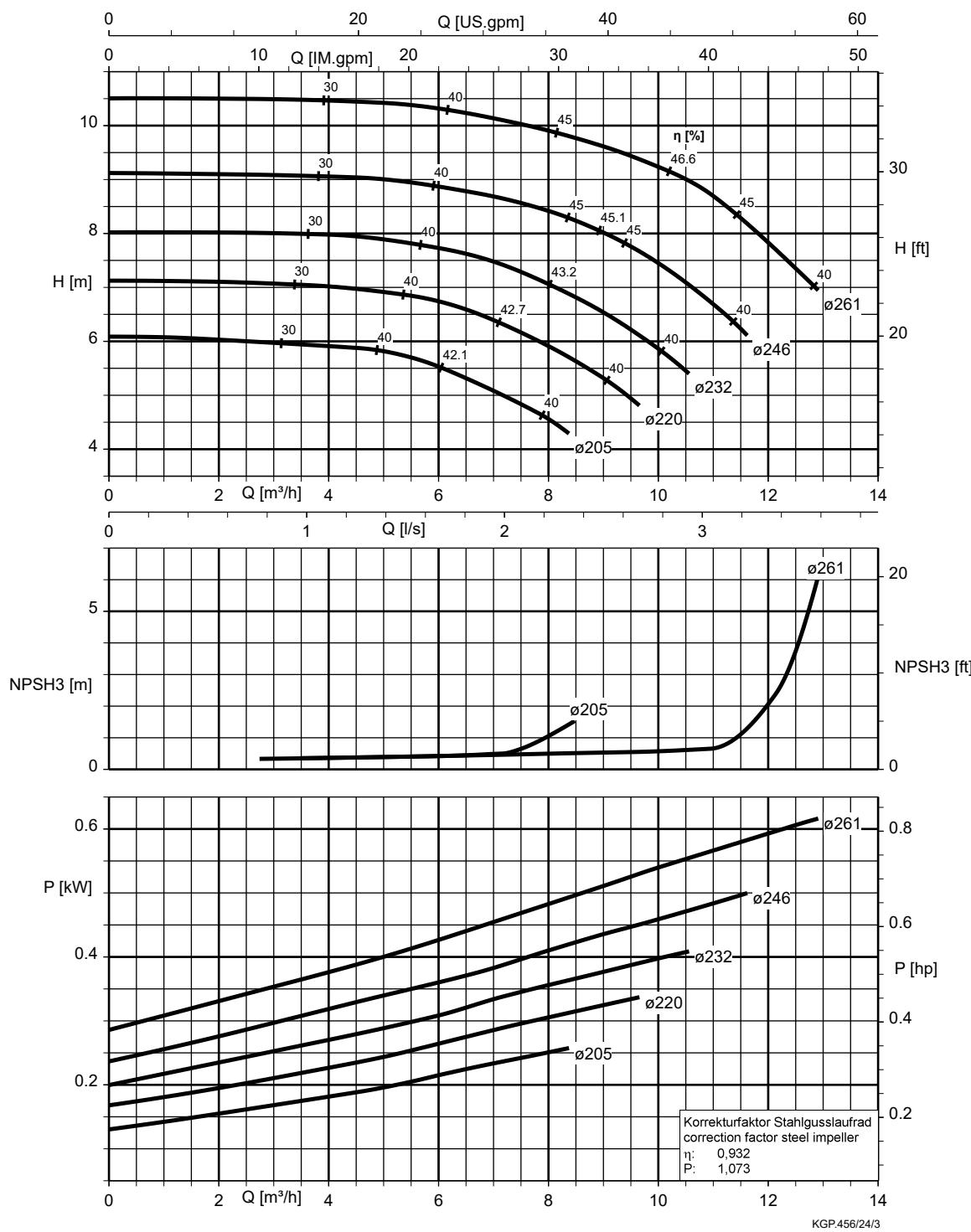
Magnochem, Magnochem-Bloc, MegaCPK



KGP.456/16/0

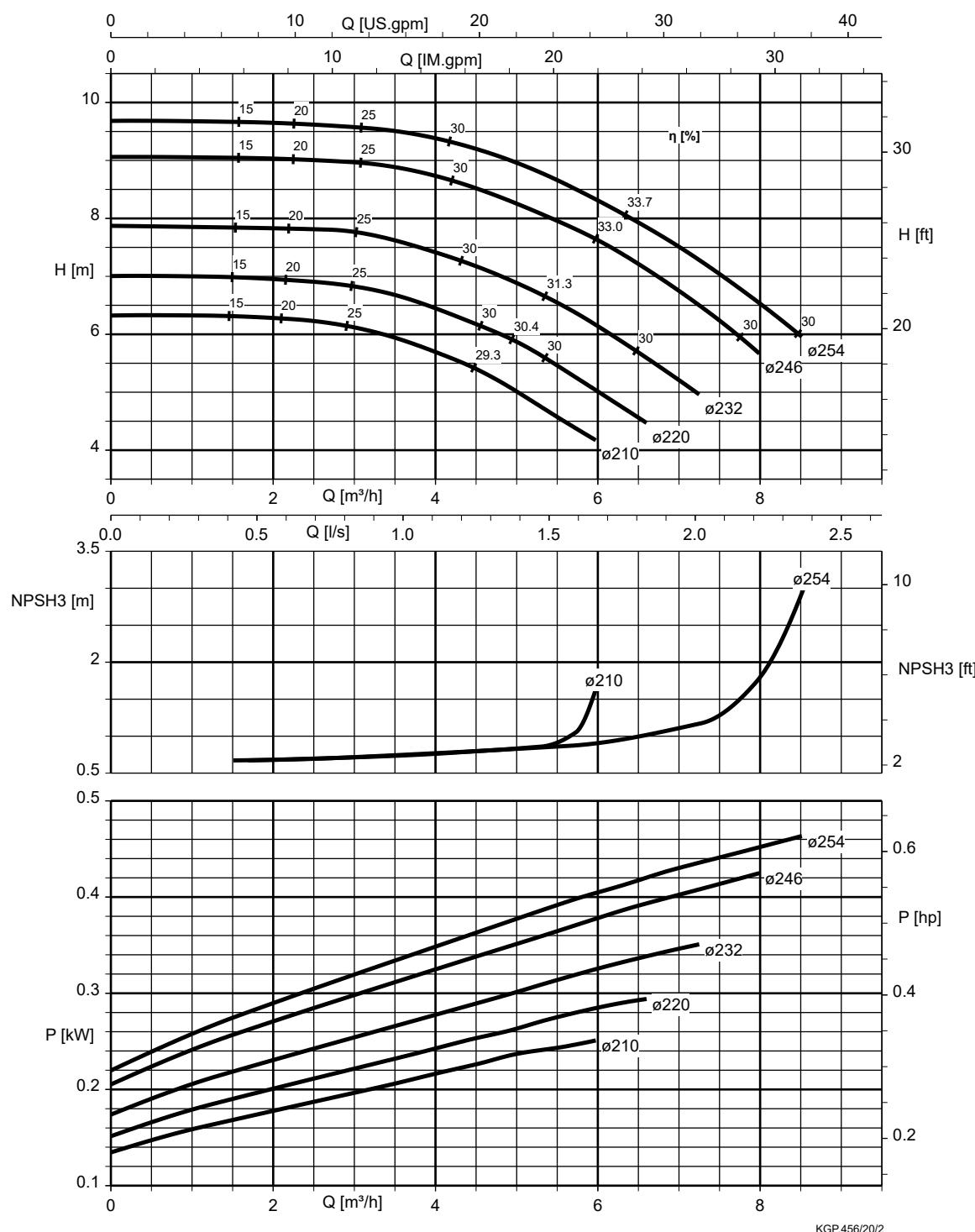
050-032-250, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



050-032-250.1, n = 960 rpm

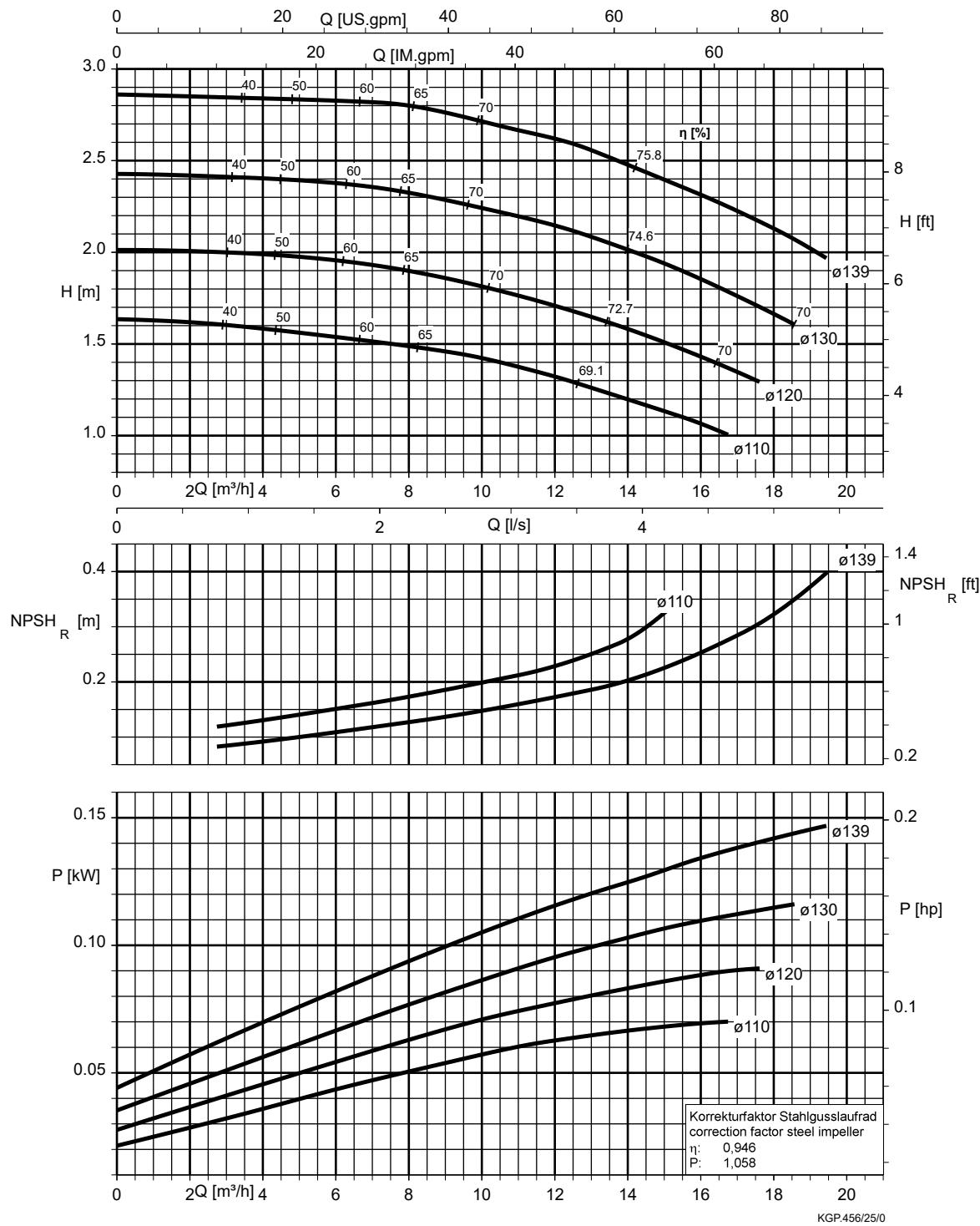
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.456/20/2

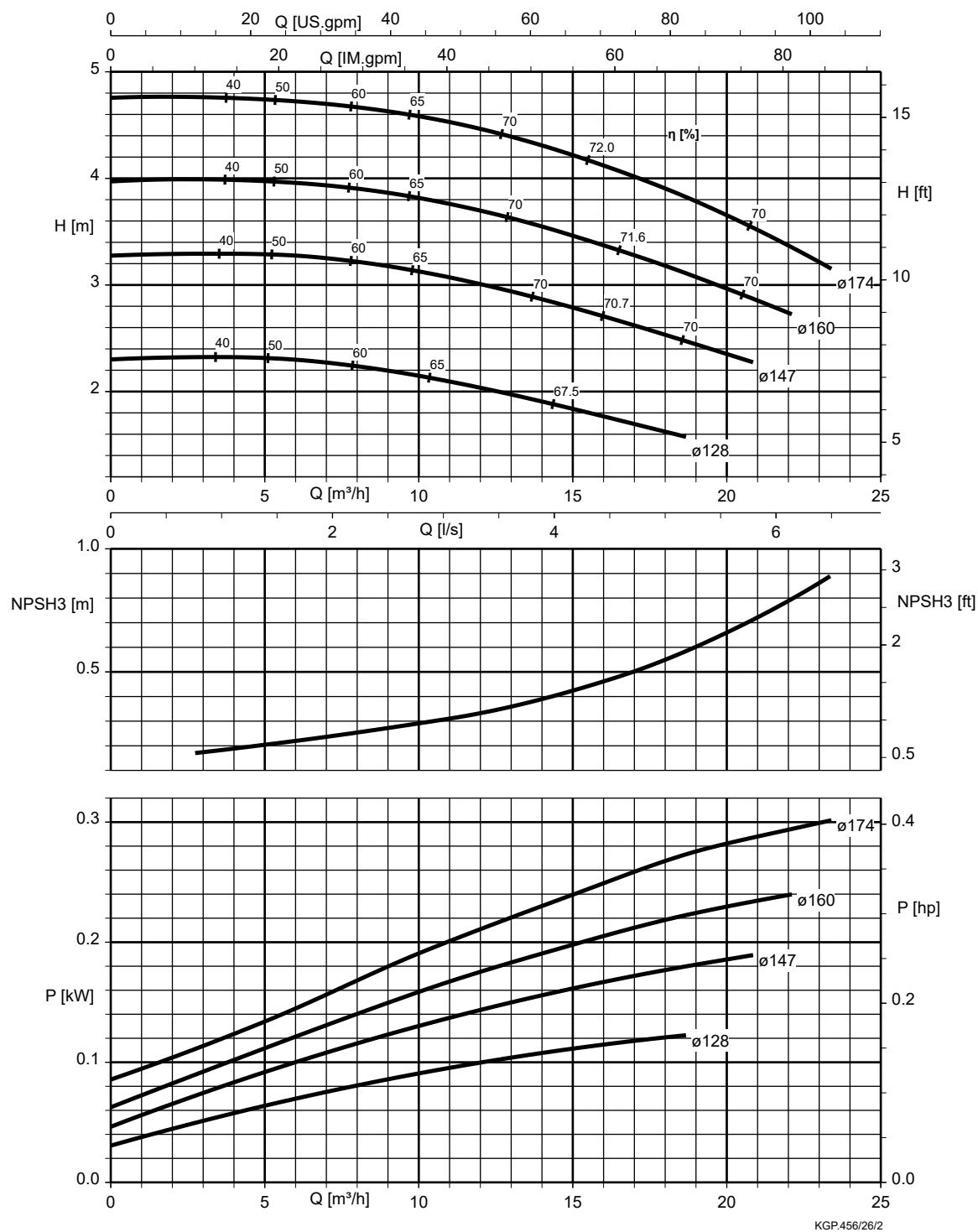
065-040-125, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



065-040-160, n = 960 rpm

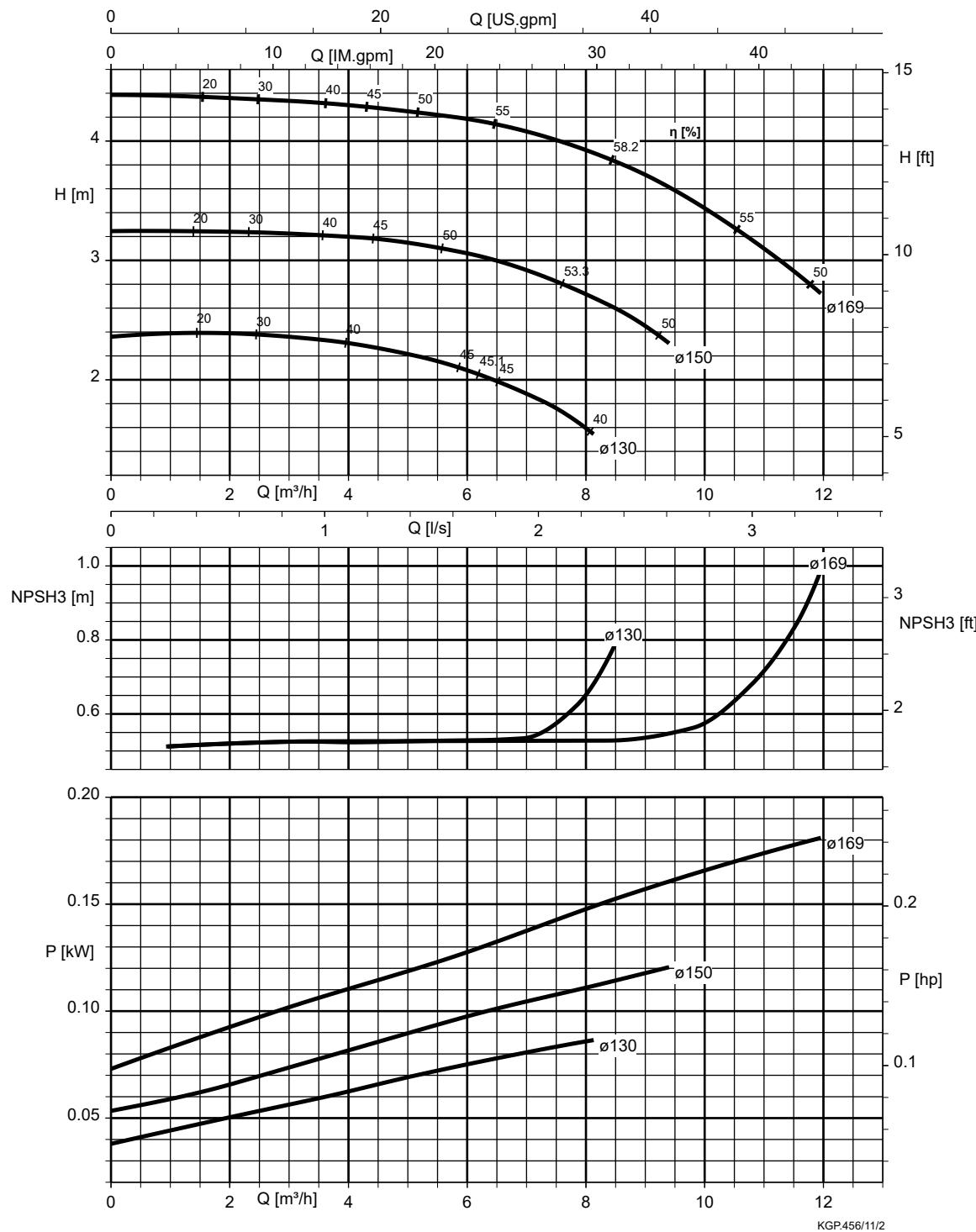
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



2731.450/09-EN

065-040-160.1, n = 960 rpm

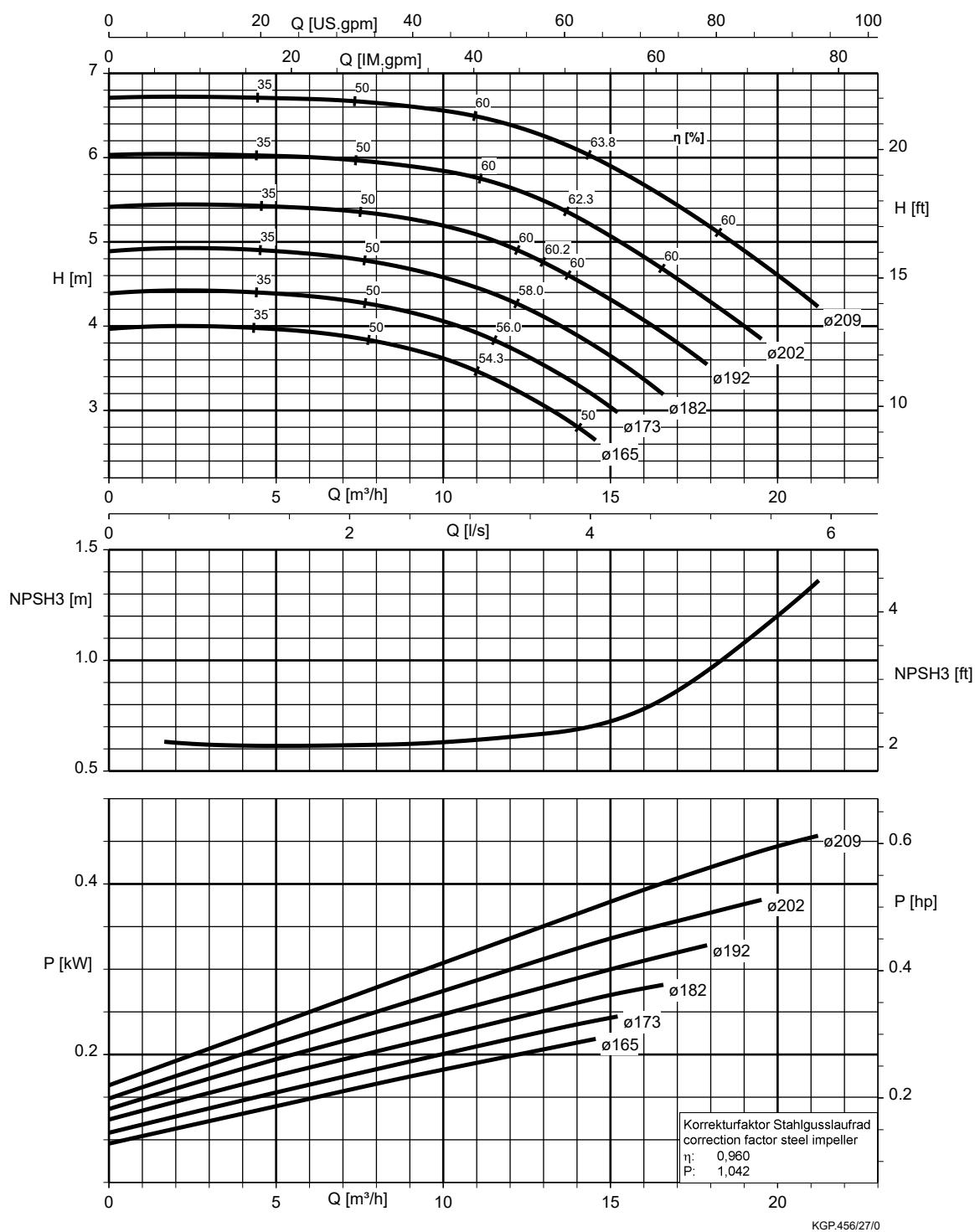
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK



KGP.456/11/2

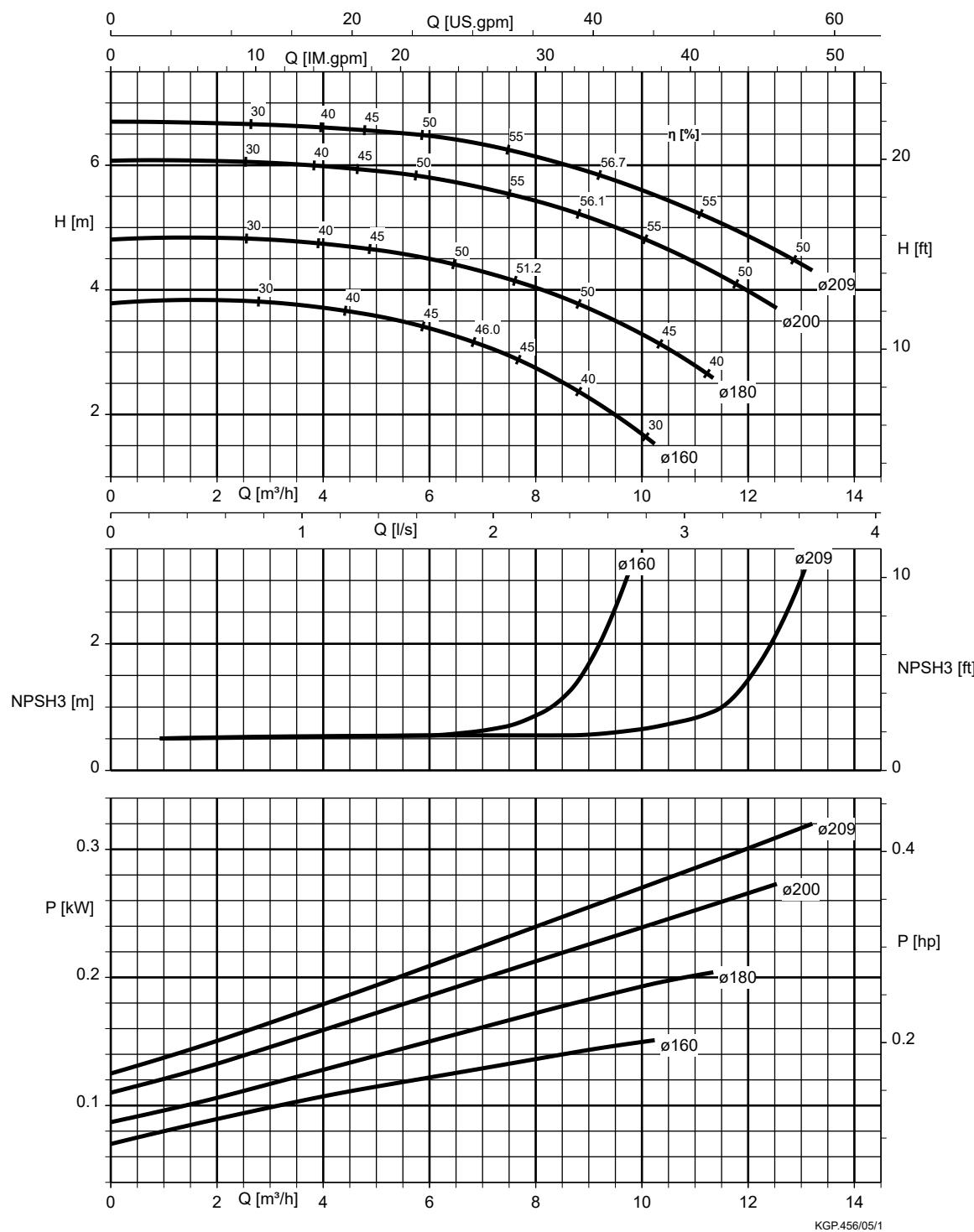
065-040-200, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



065-040-200.1, n = 960 rpm

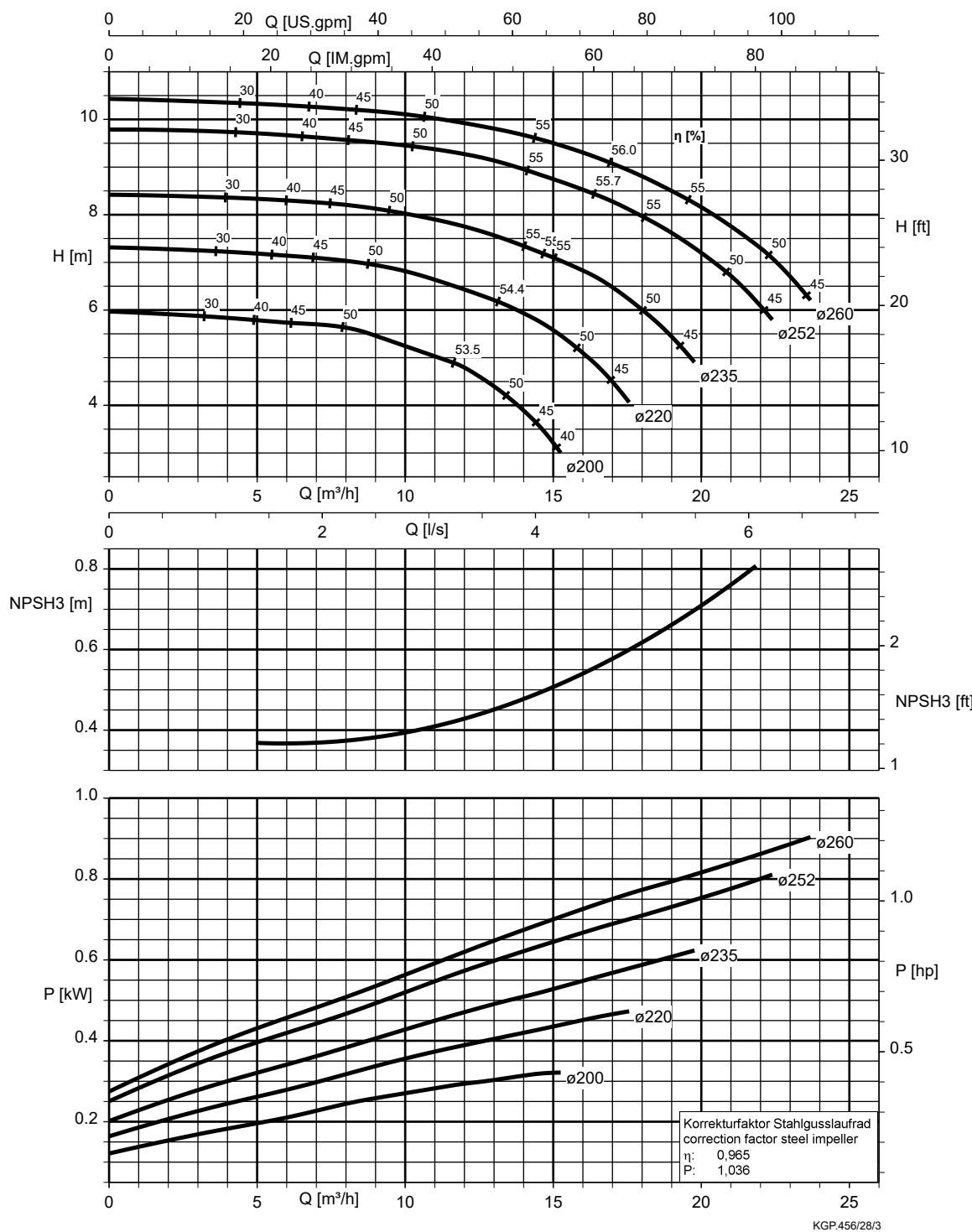
Magnochem, Magnochem-Bloc, MegaCPK



KGP.456/05/1

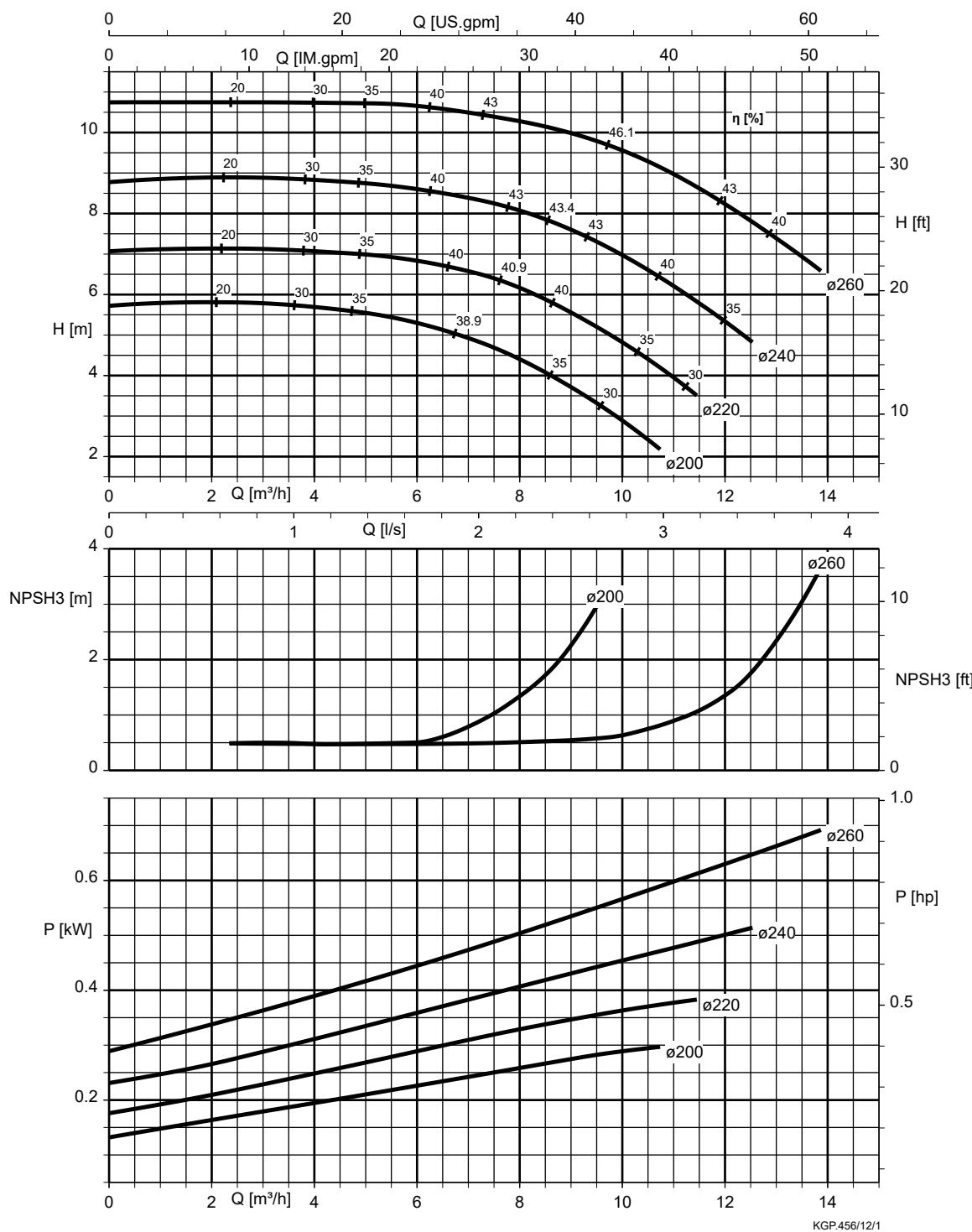
065-040-250, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



065-040-250.1, n = 960 rpm

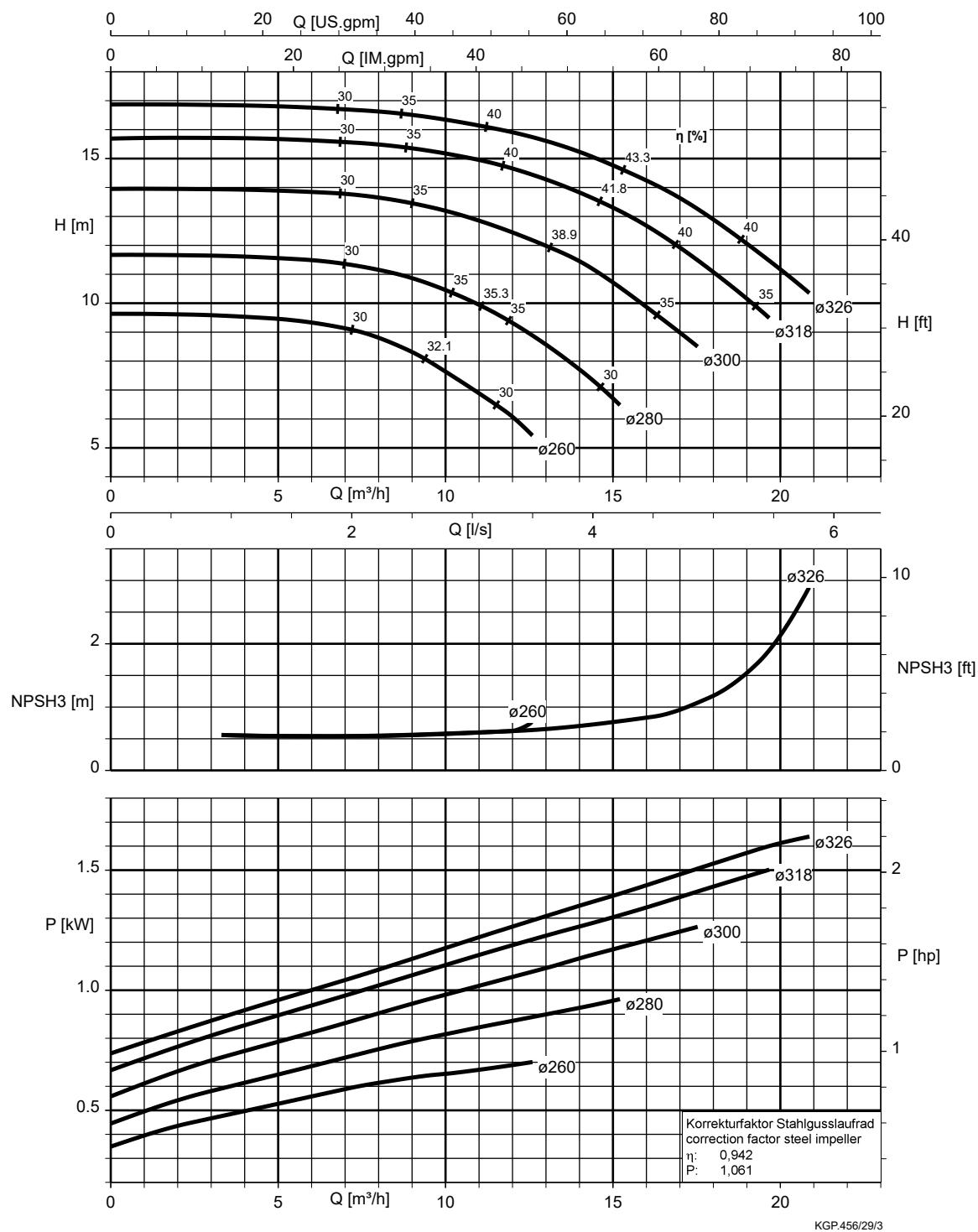
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK



KGP.456/12/1

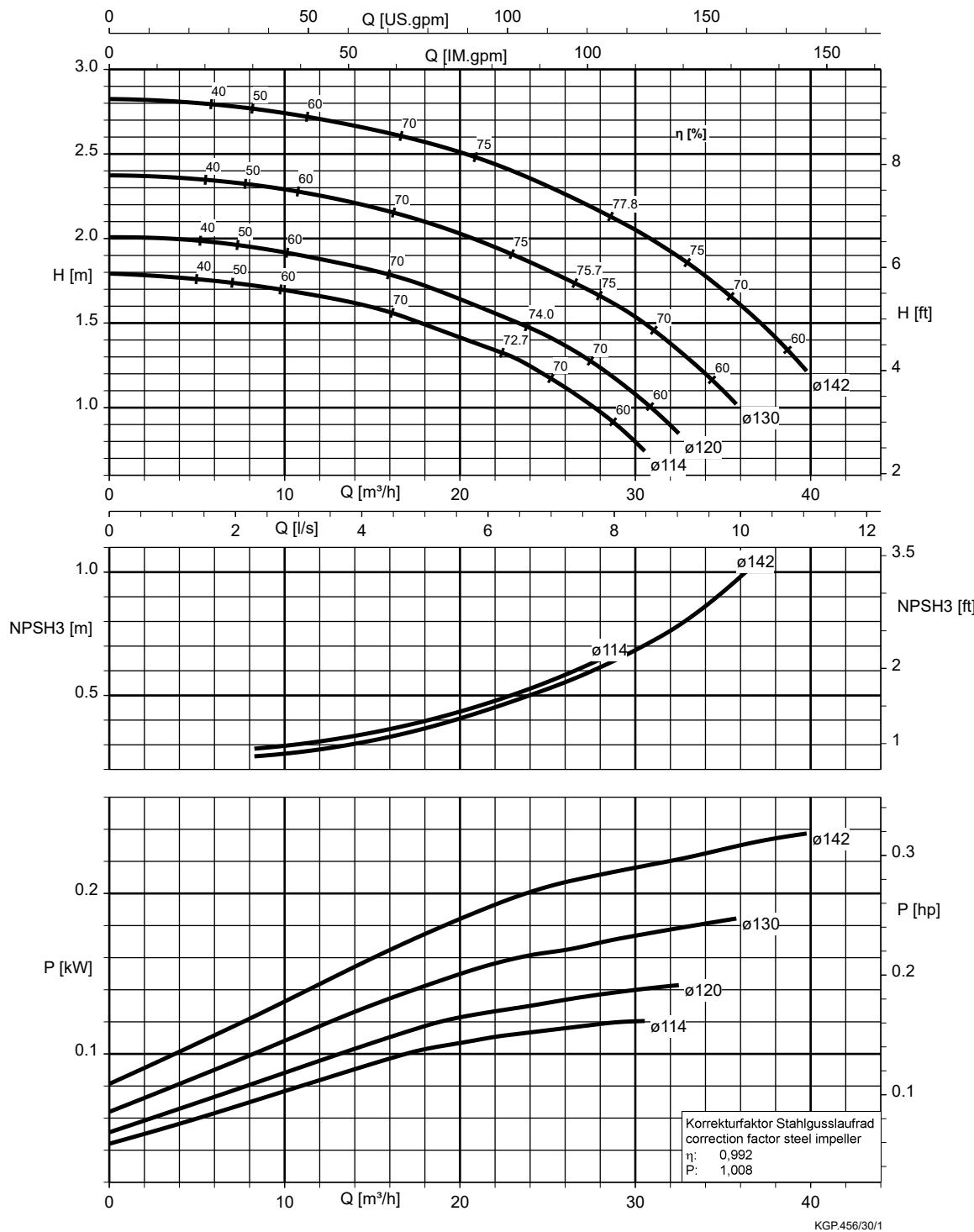
065-040-315, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



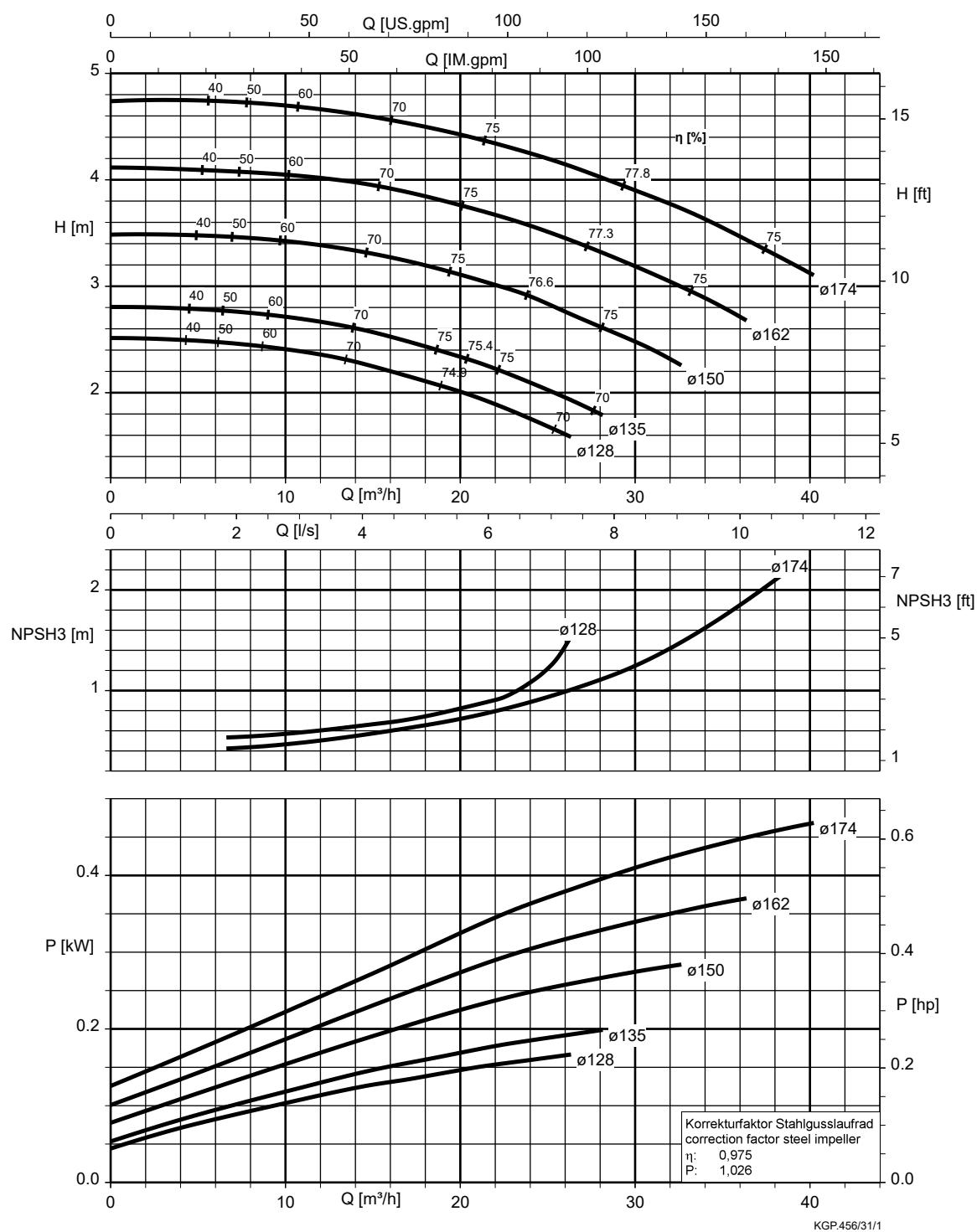
080-050-125, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



080-050-160, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm

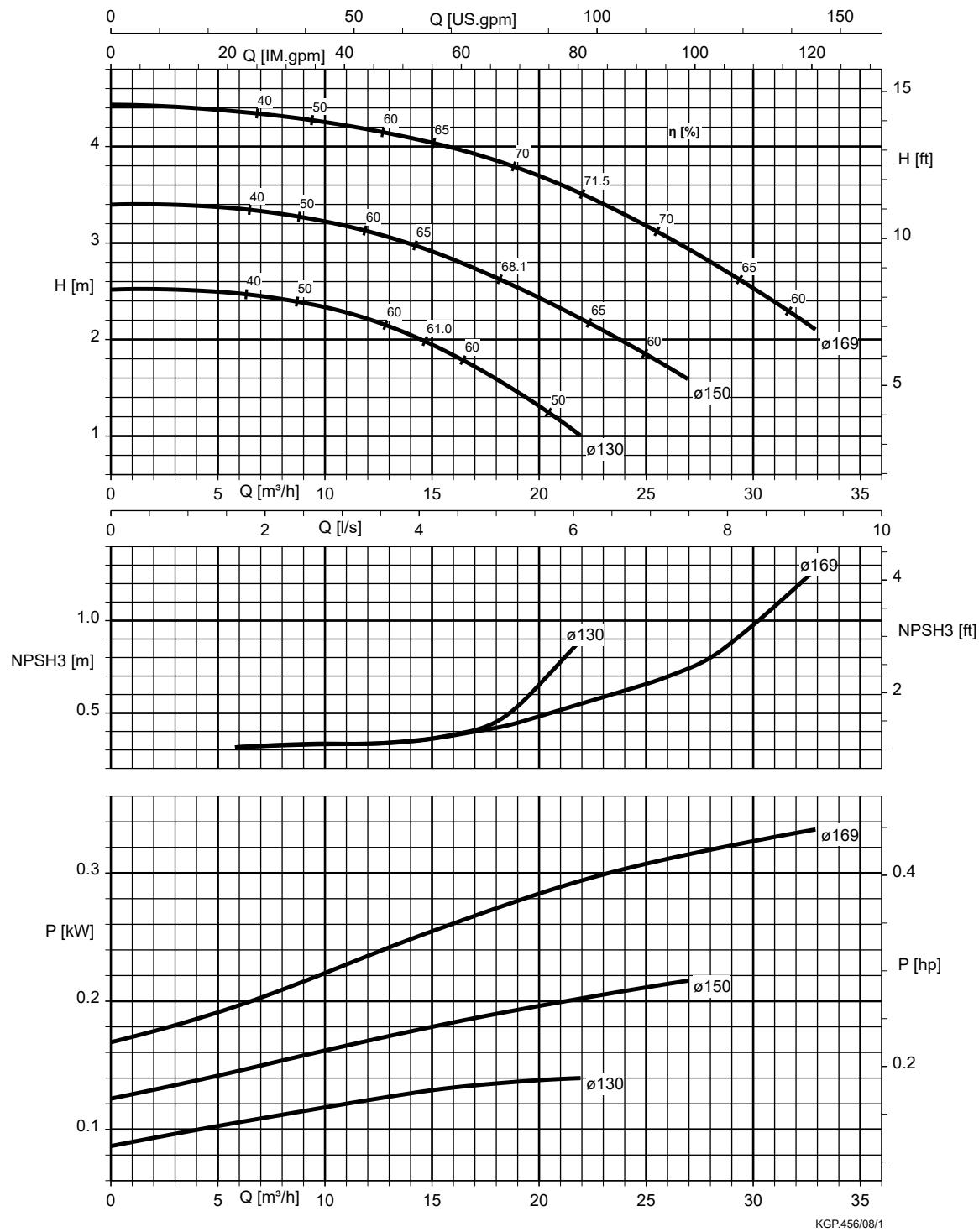


Korrekturfaktor Stahlgusslaufrad
 correction factor steel impeller
 η : 0.975
 P: 1.026

KGP.456/31/1

080-050-160.1, n = 960 rpm

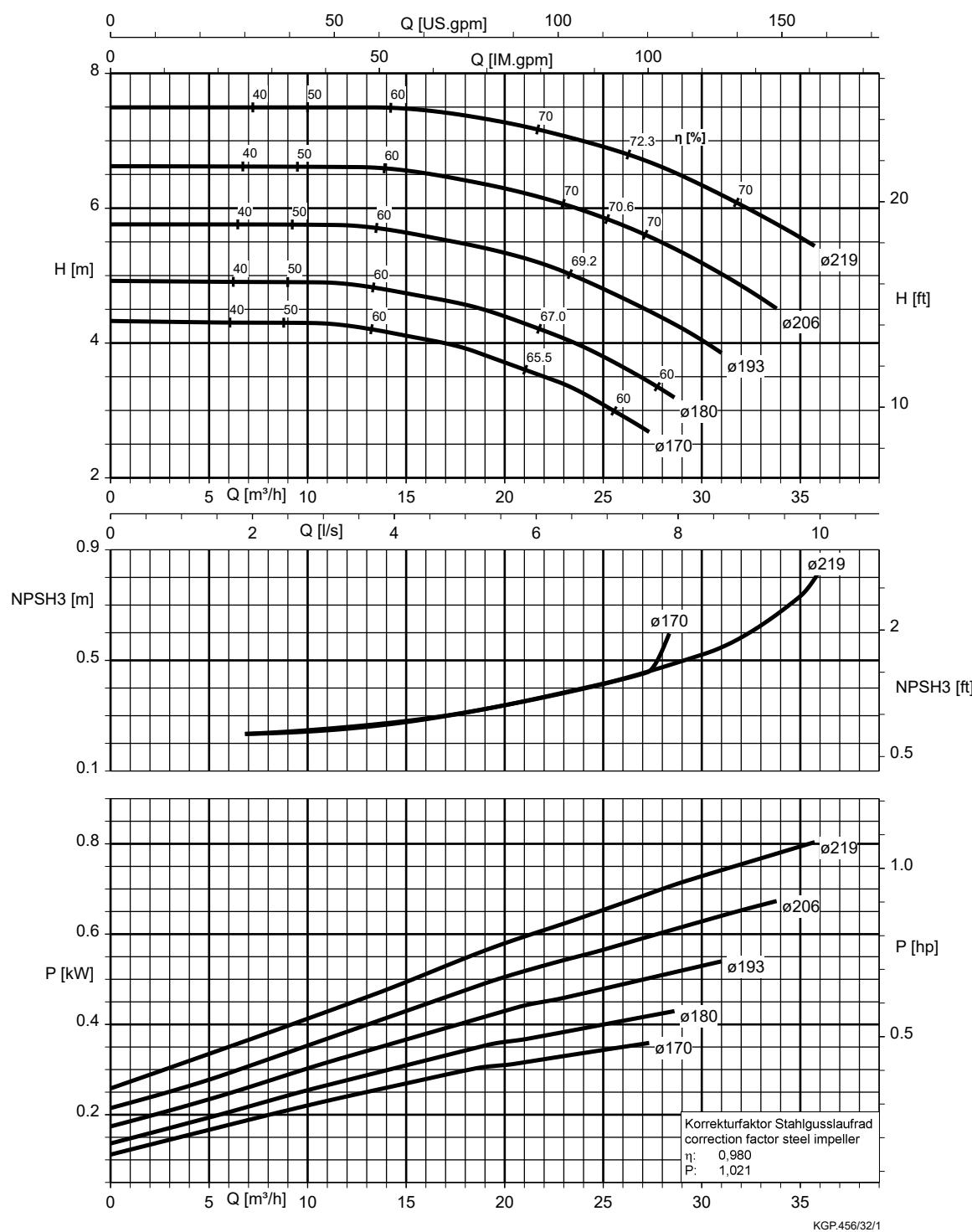
Magnochem, Magnochem-Bloc, MegaCPK



KGP.456/08/1

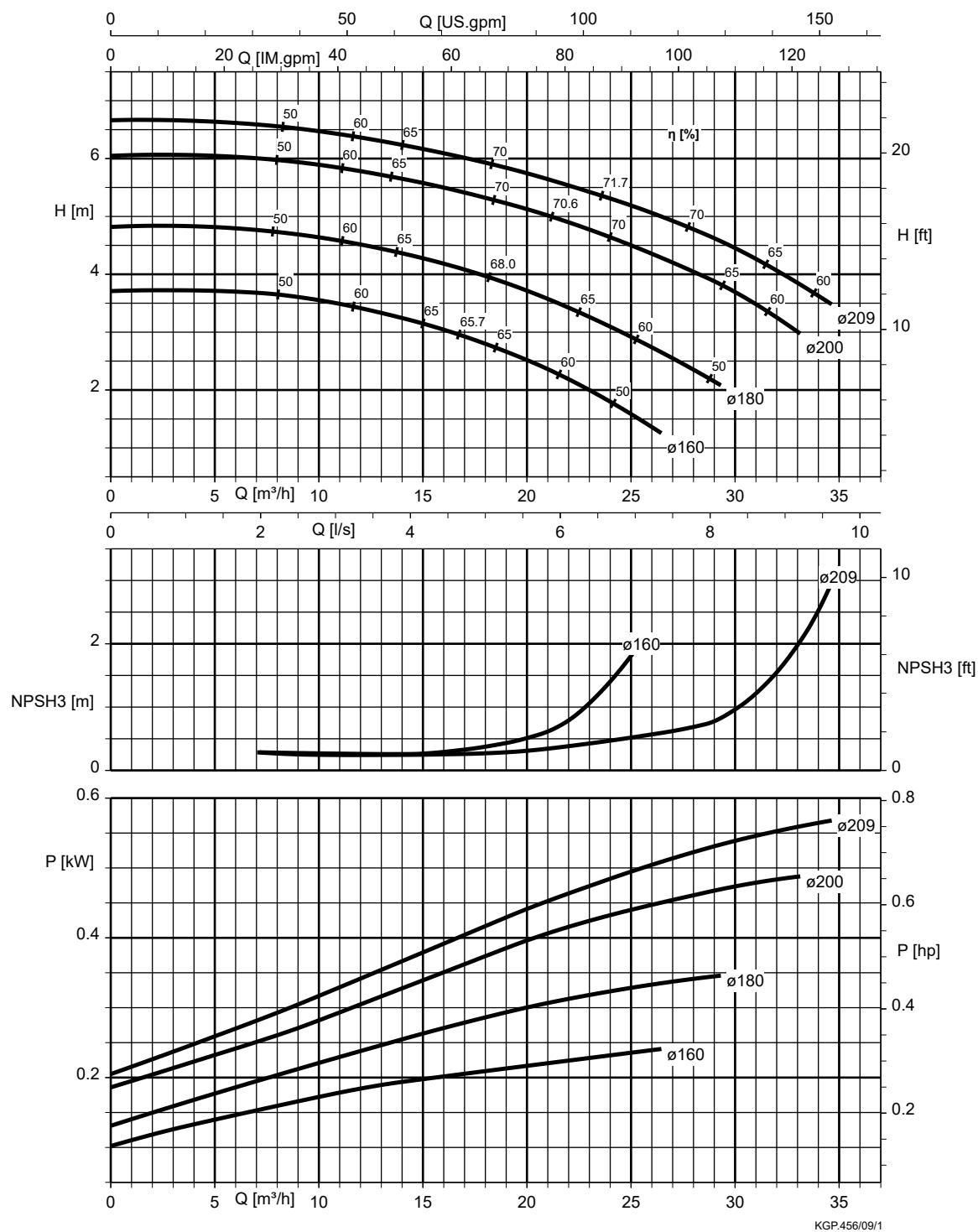
080-050-200, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



080-050-200.1, n = 960 rpm

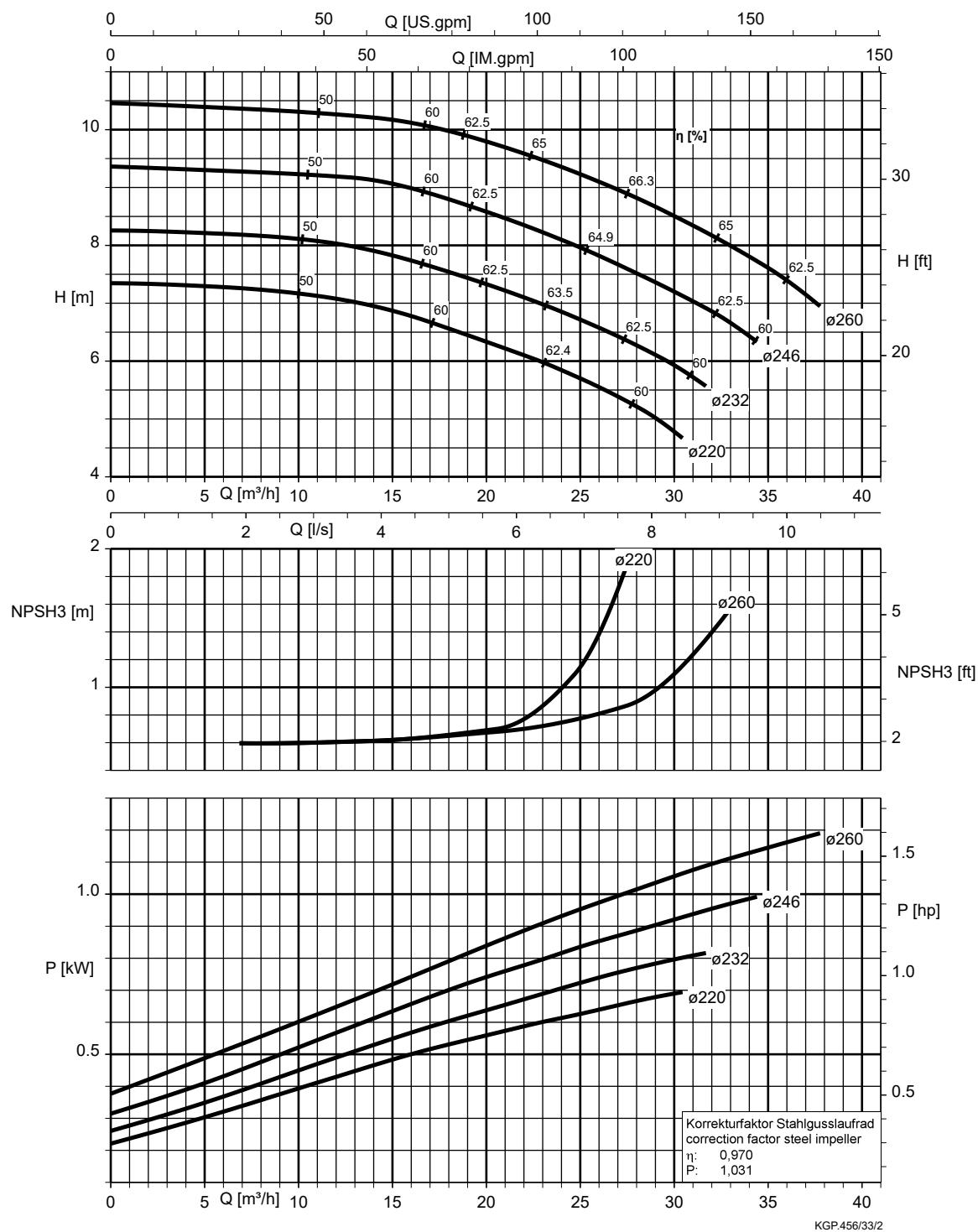
Magnochem, Magnochem-Bloc, MegaCPK



KG.P.456/09/1

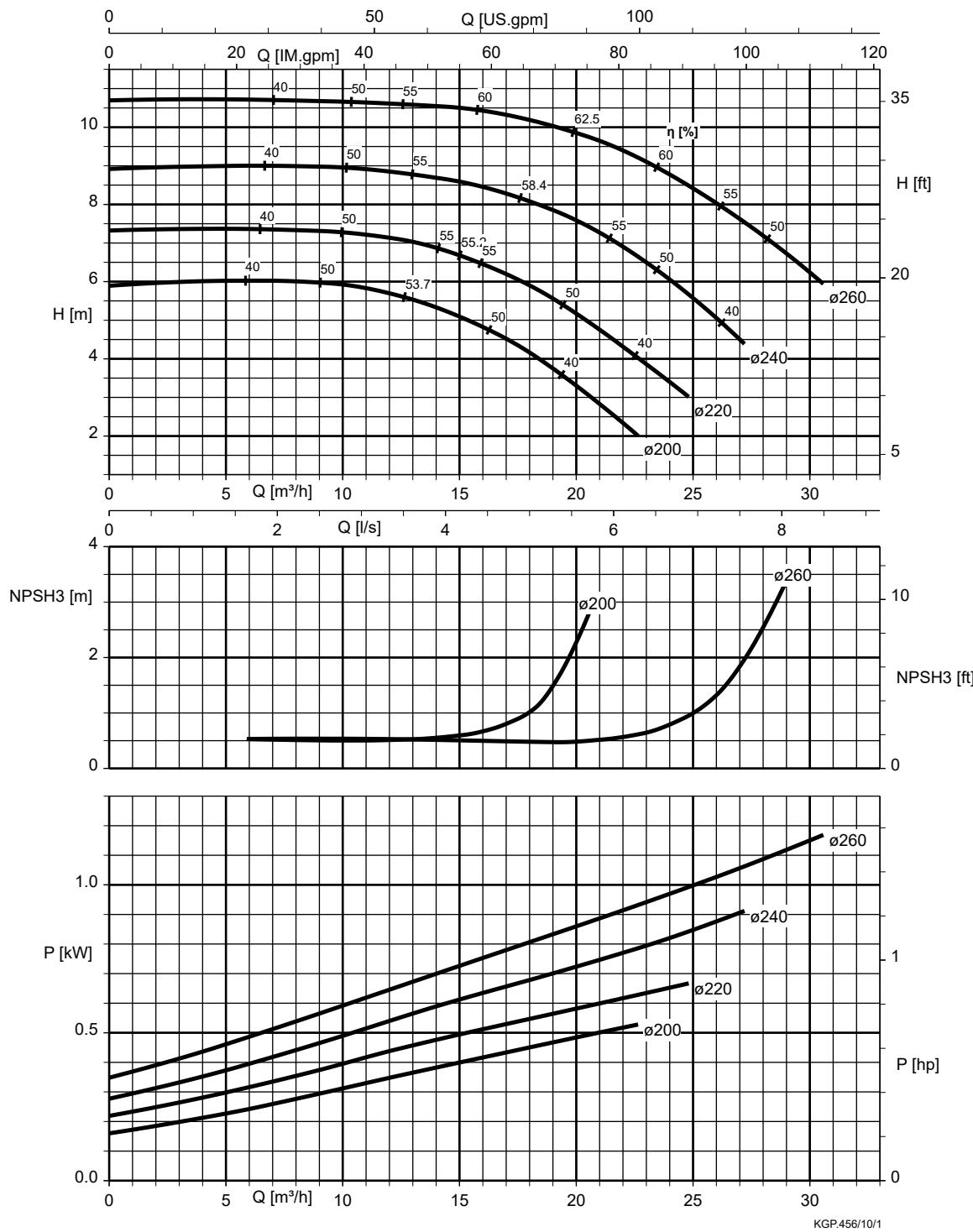
080-050-250, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



080-050-250.1, n = 960 rpm

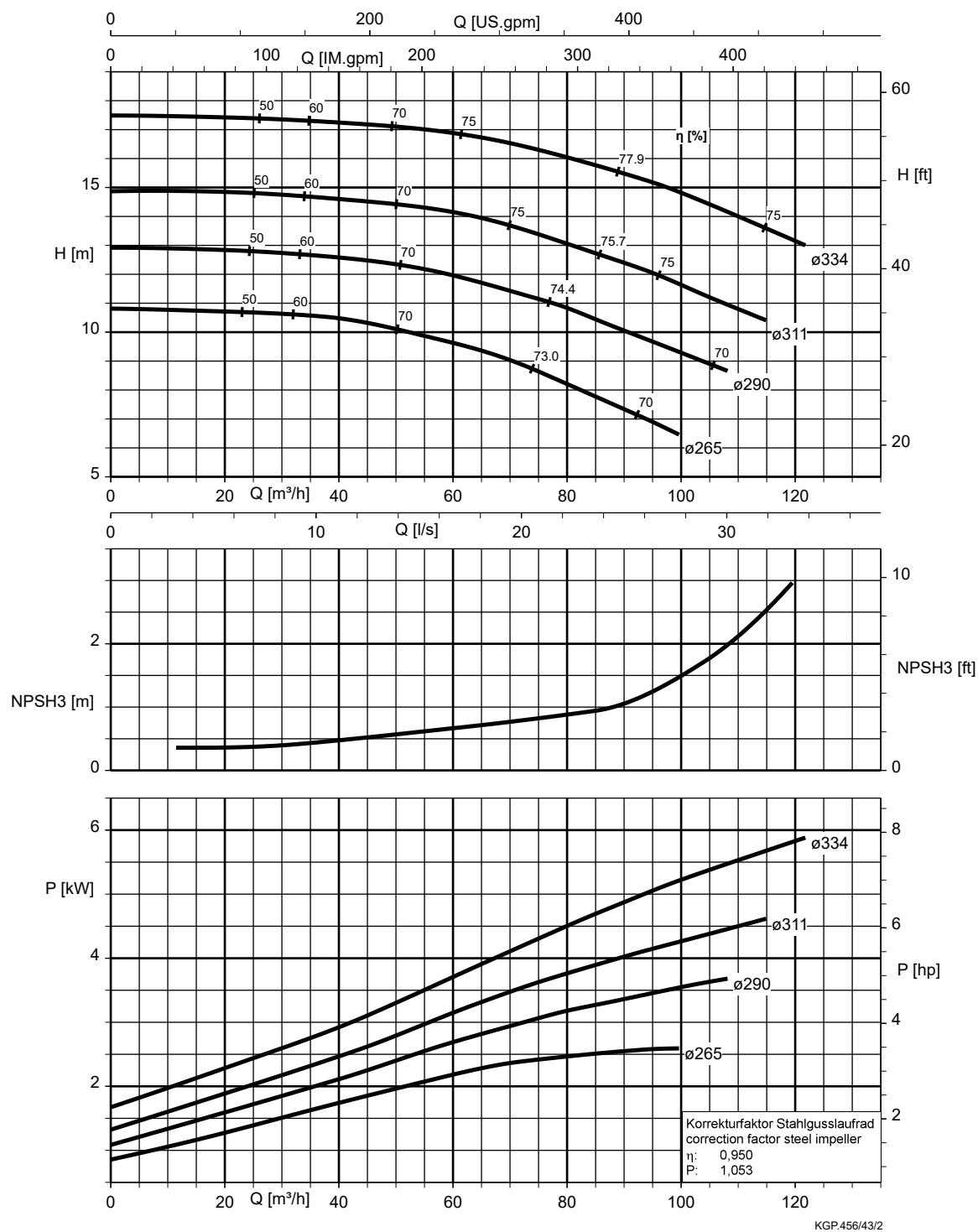
Magnochem, Magnochem-Bloc, MegaCPK



KGP.456/10/1

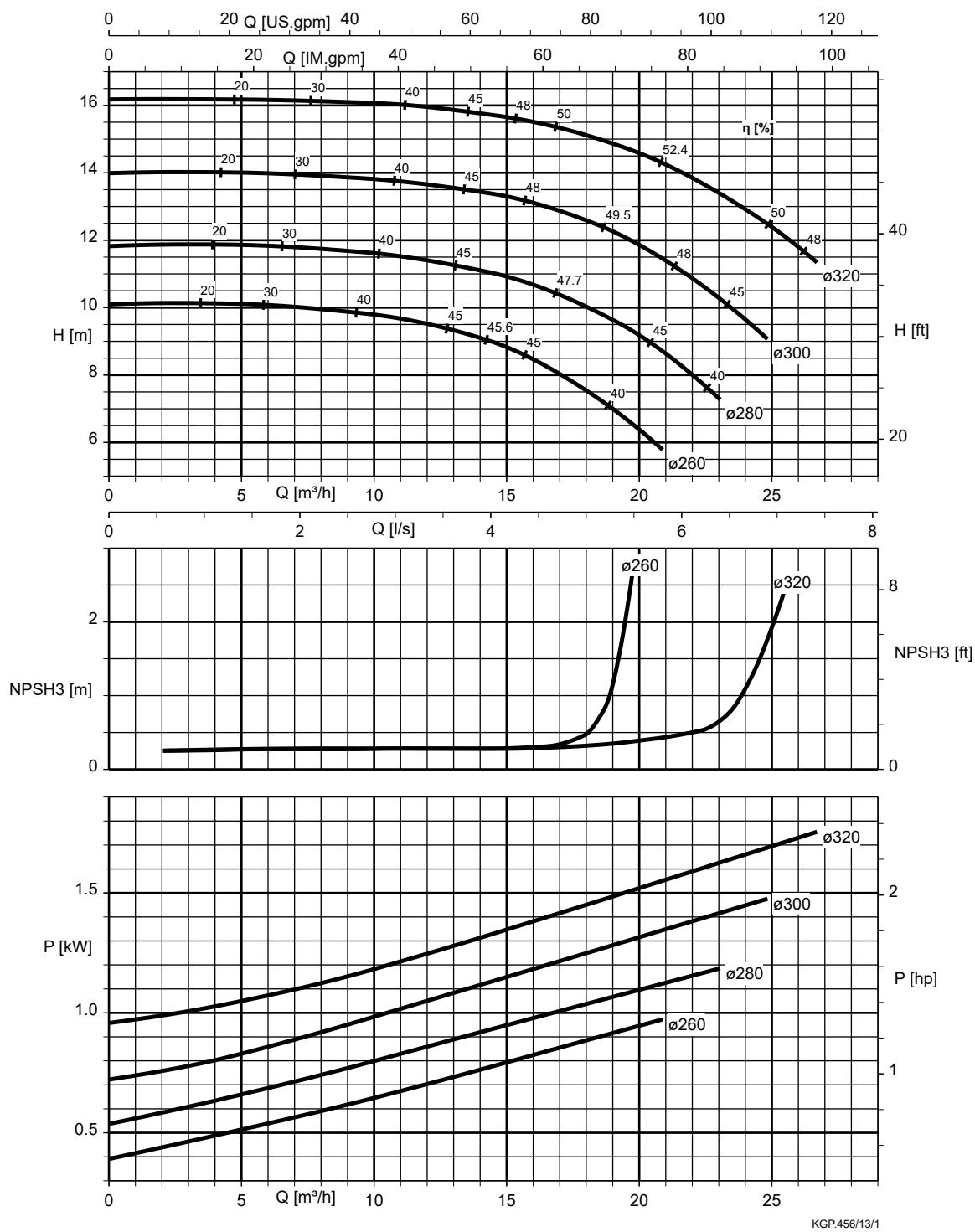
080-050-315, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



080-050-315.1, n = 960 rpm

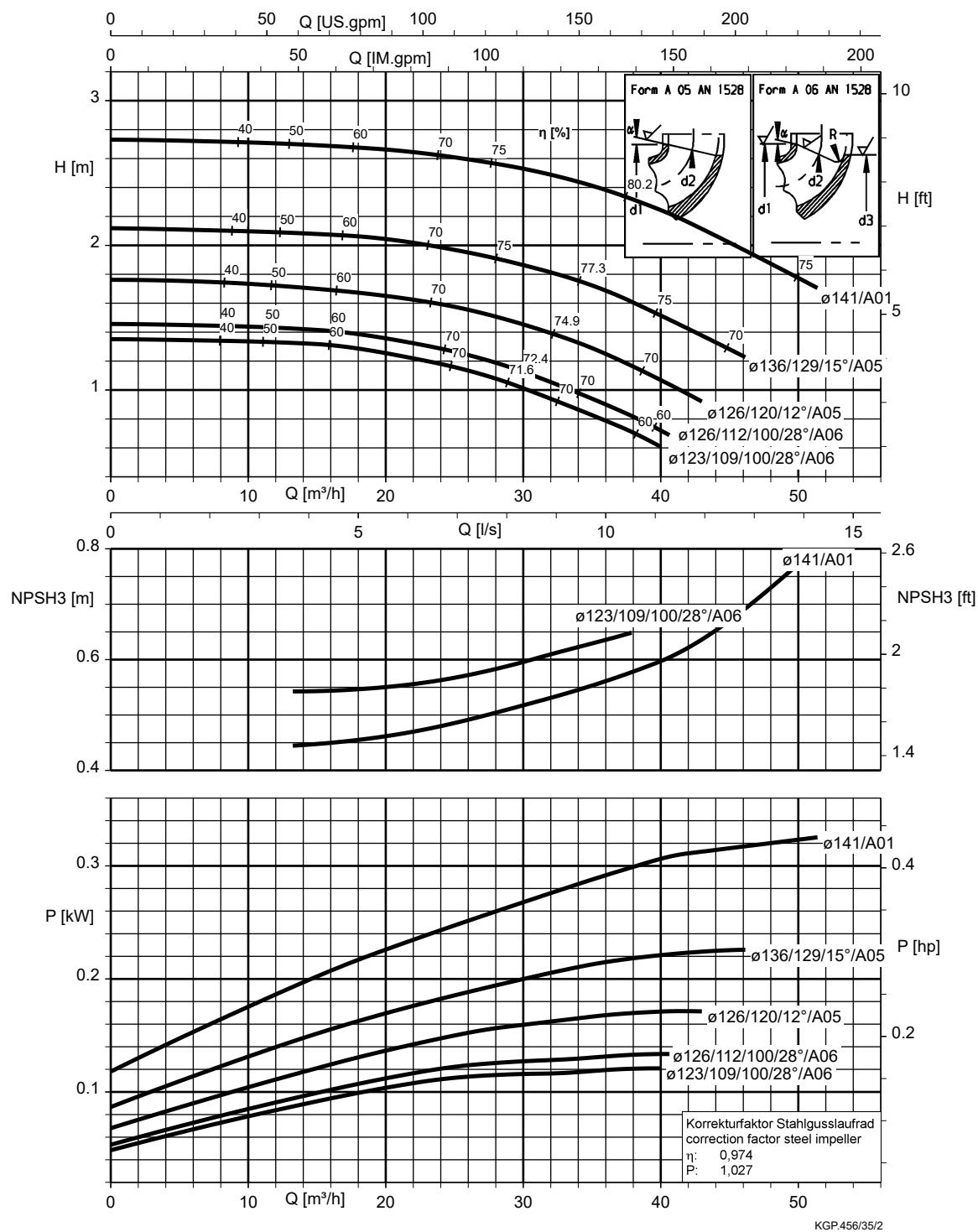
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK



KGP.456/13/1

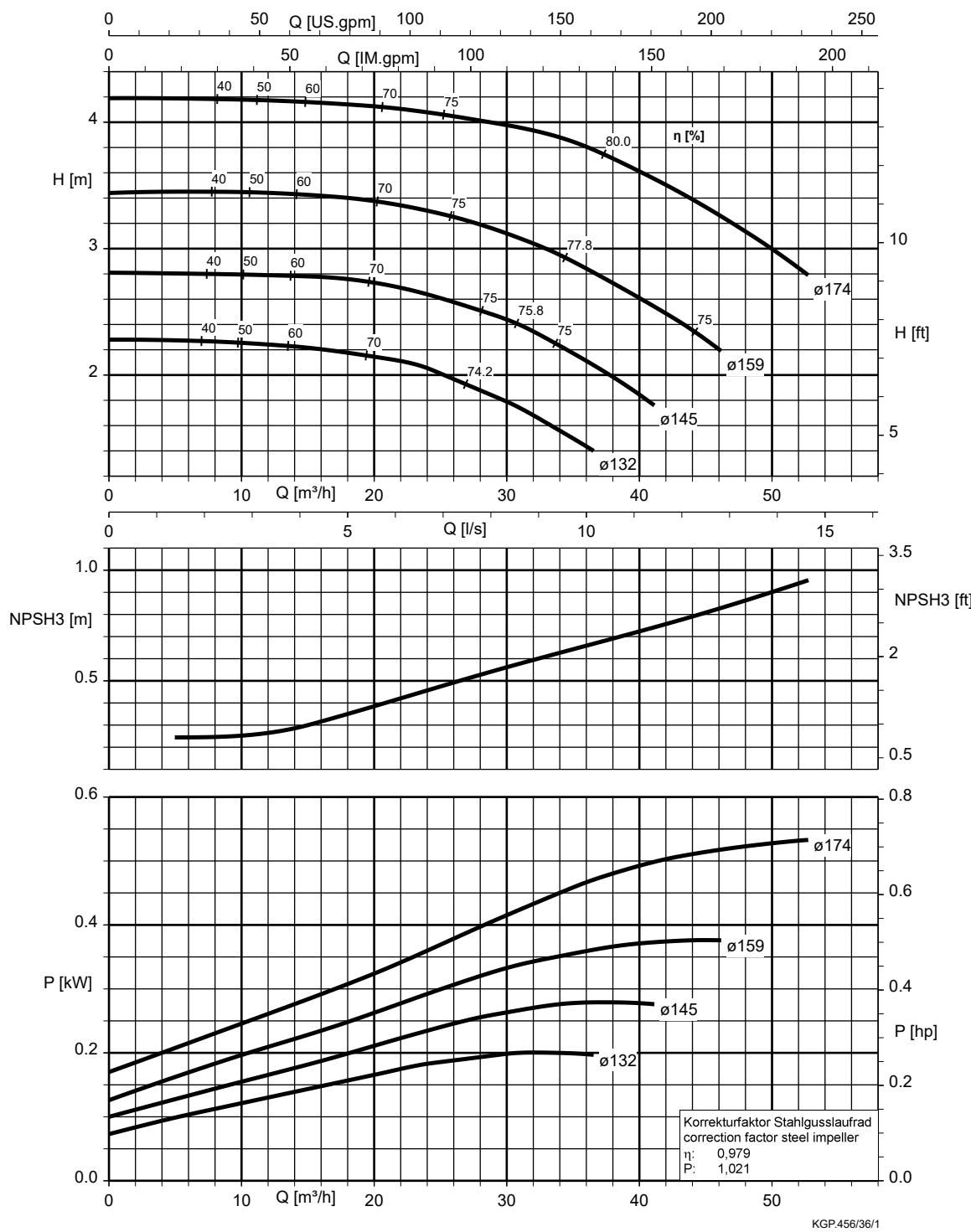
100-065-125, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



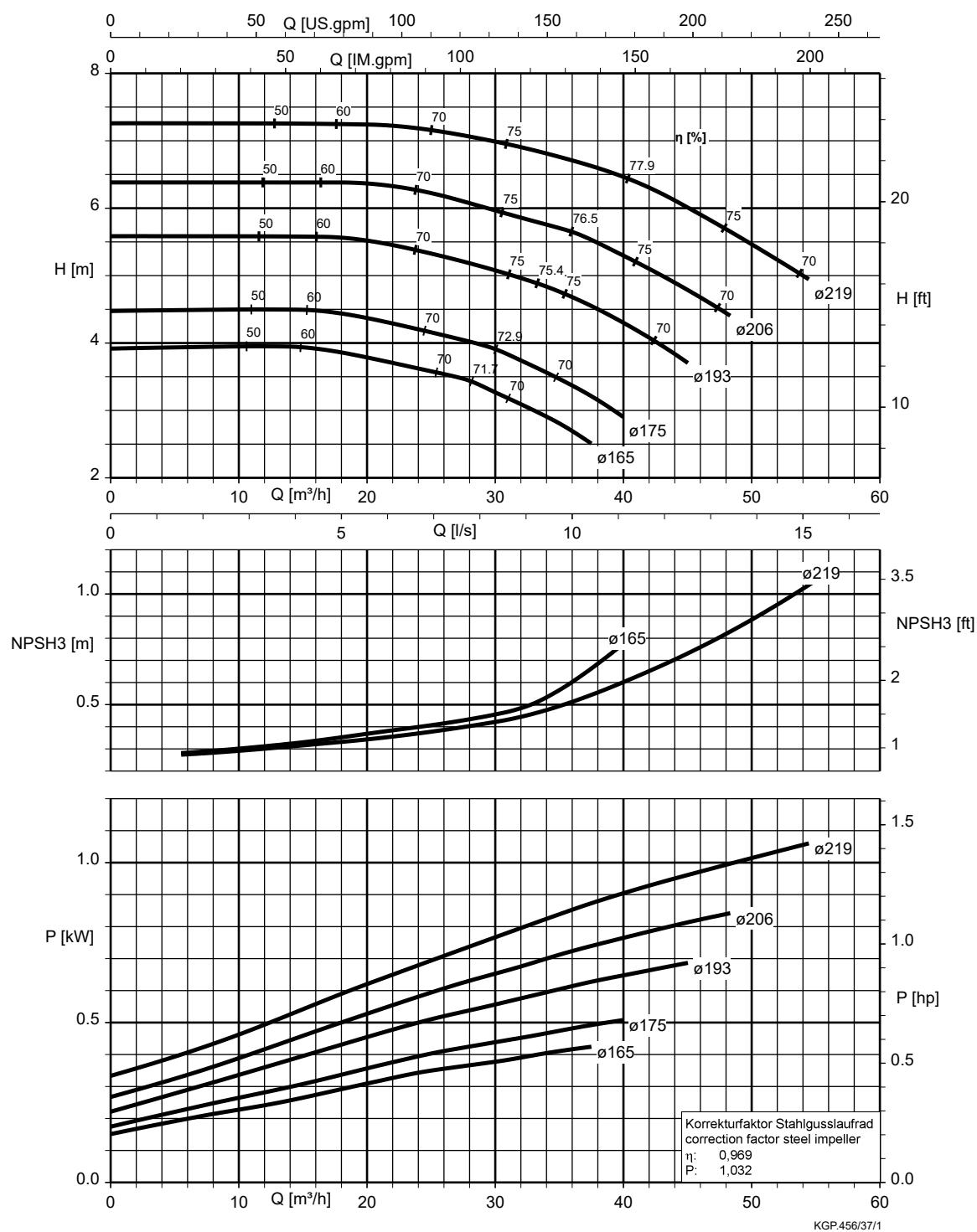
100-065-160, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



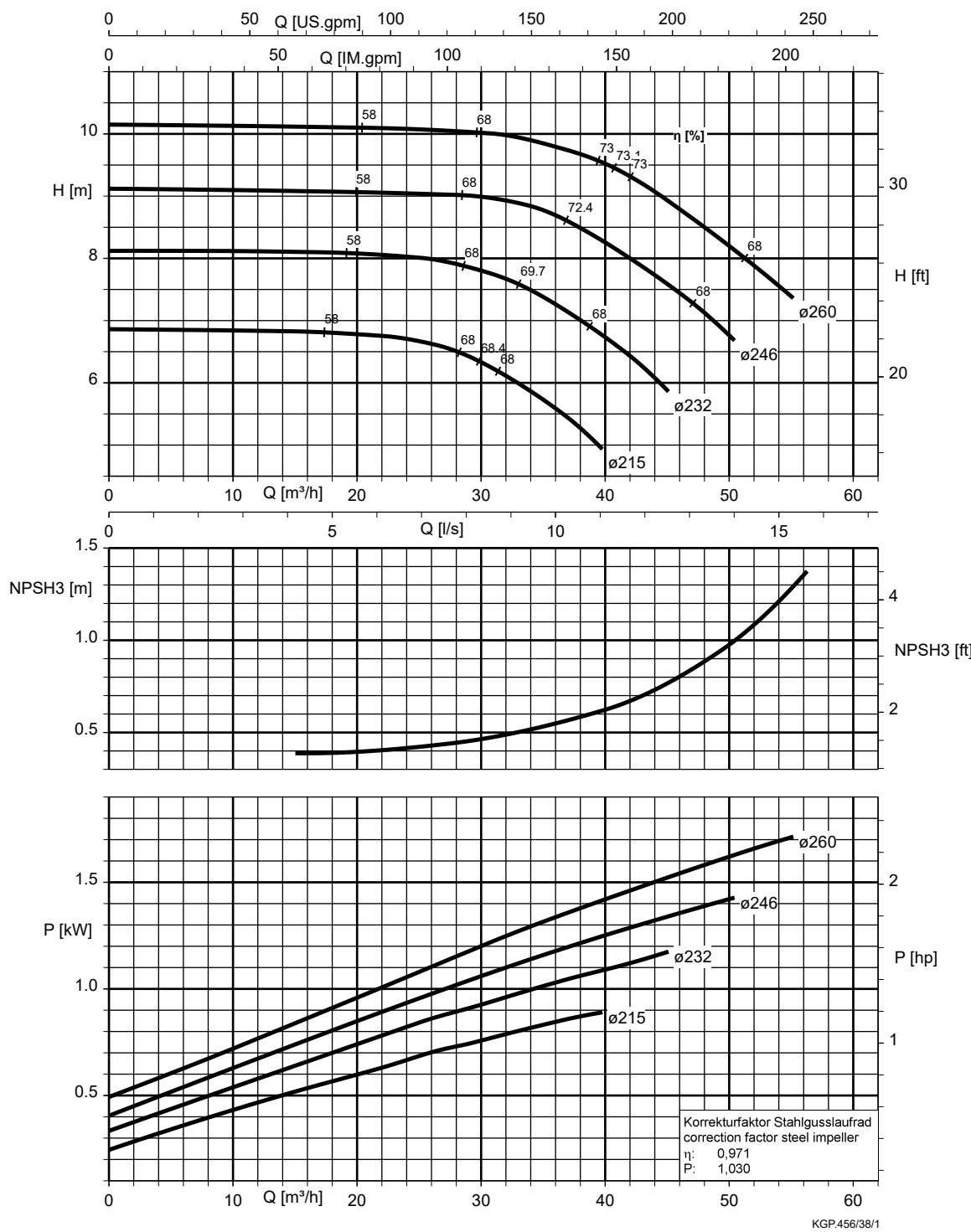
100-065-200, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



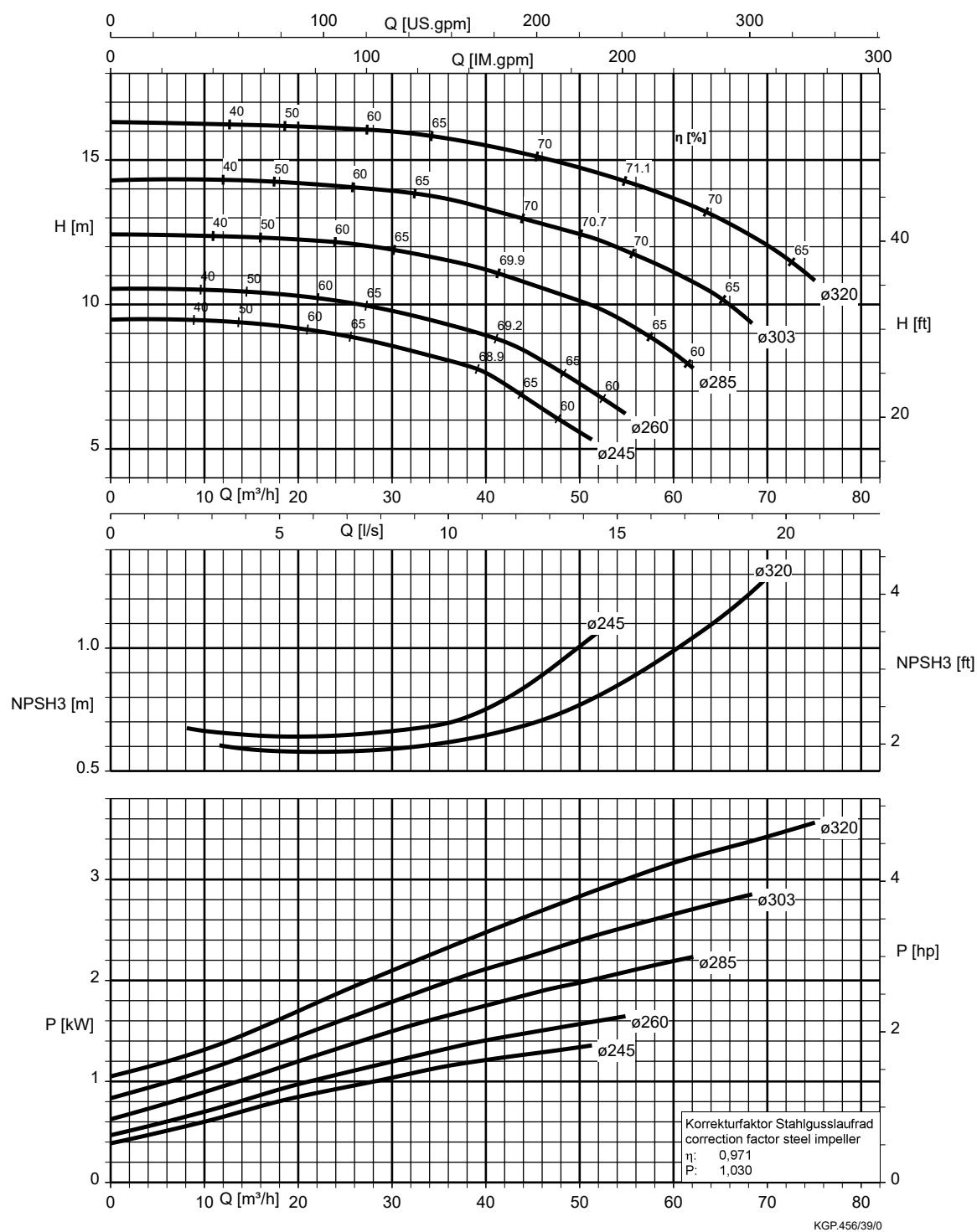
100-065-250, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



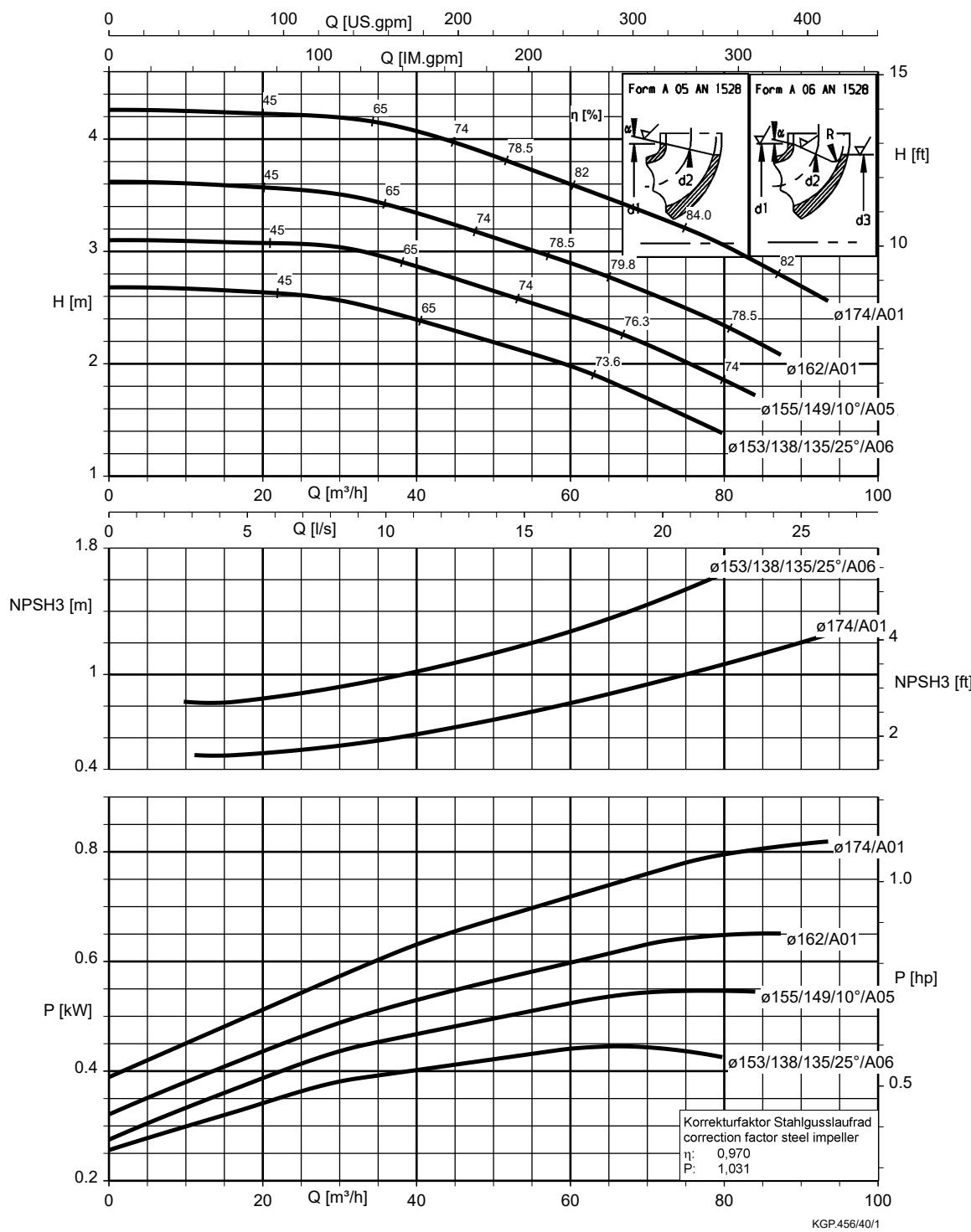
100-065-315, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



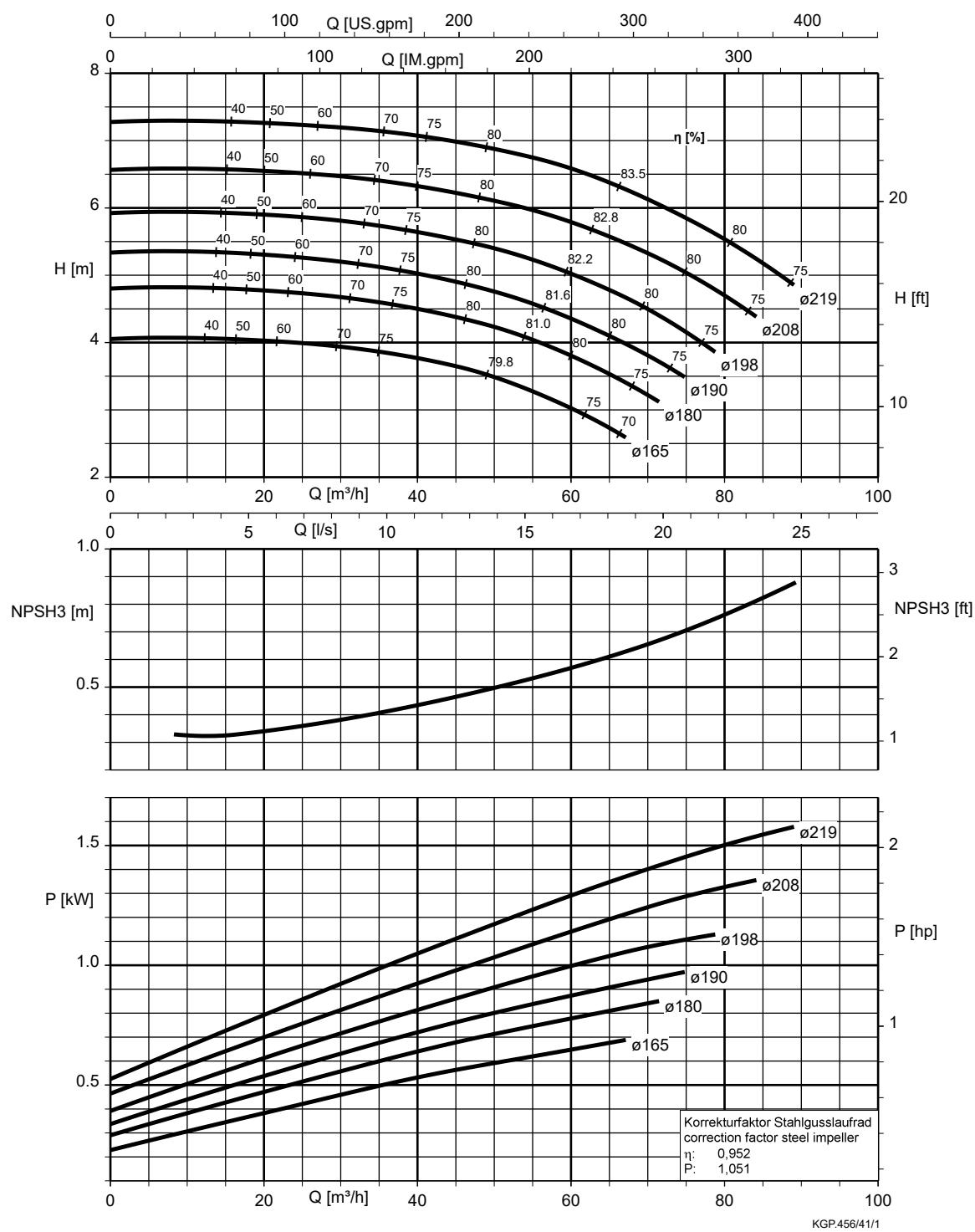
125-080-160, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



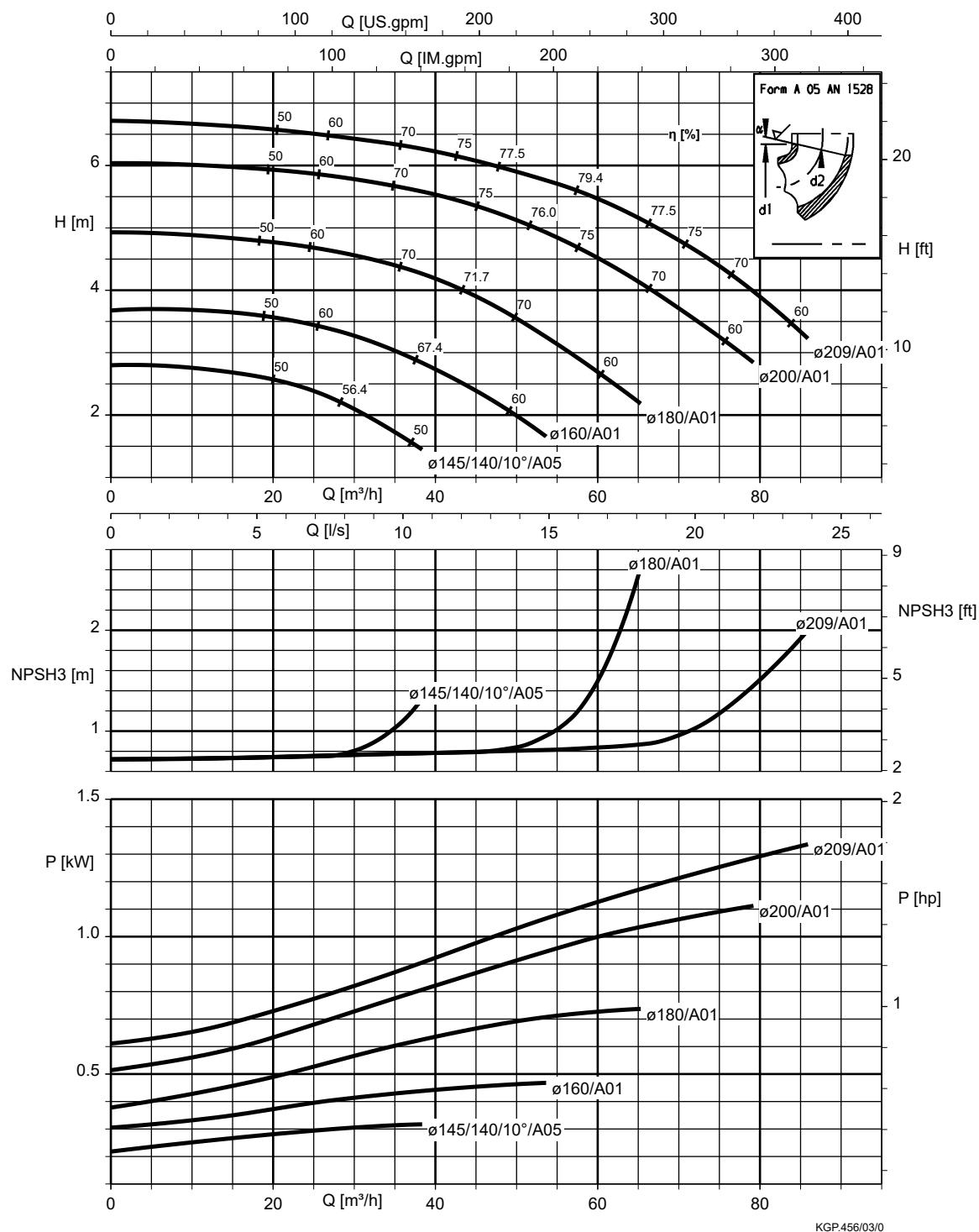
125-080-200, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



125-080-200.1, n = 960 rpm

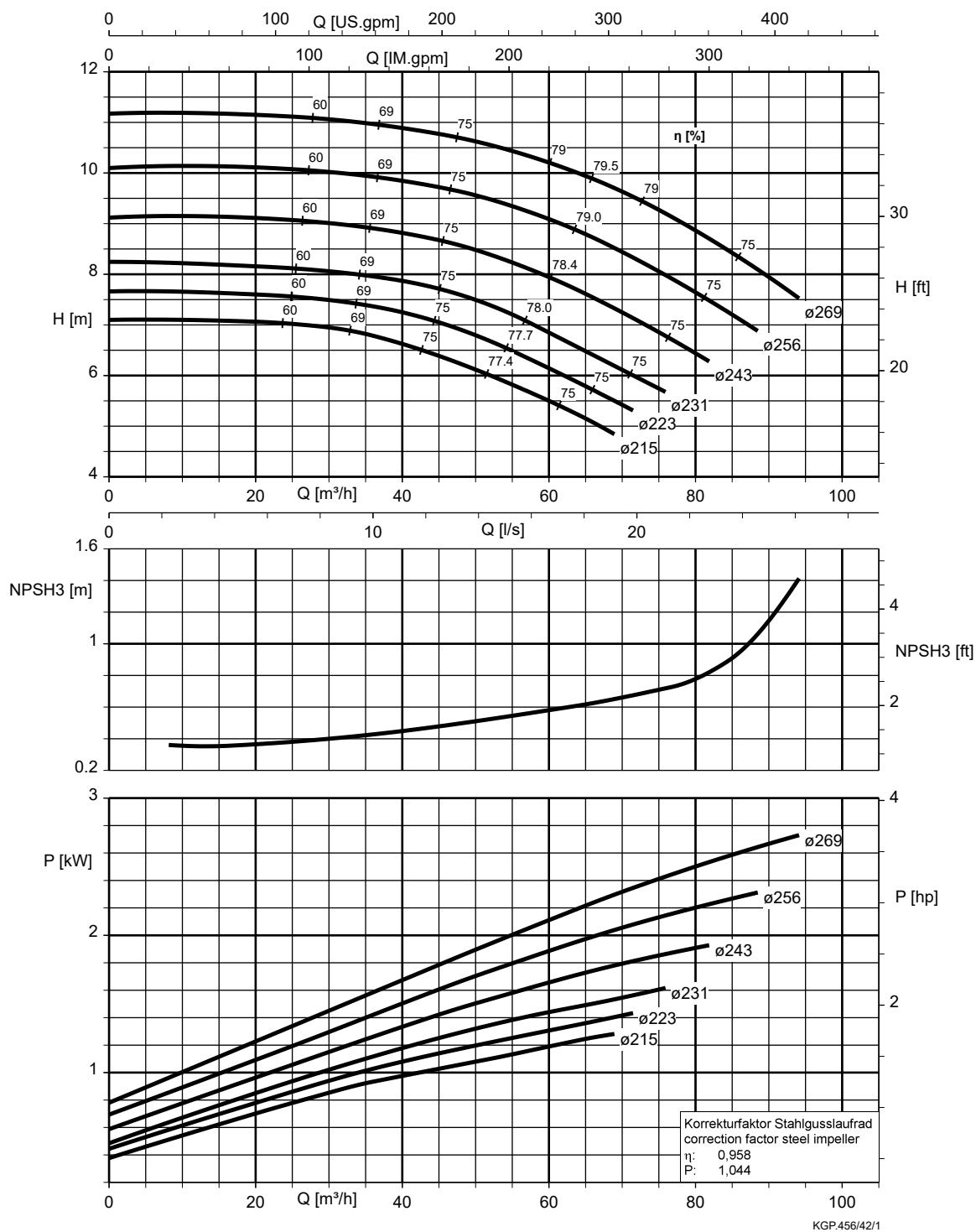
Magnochem, Magnochem-Bloc, MegaCPK



KGP.456/03/0

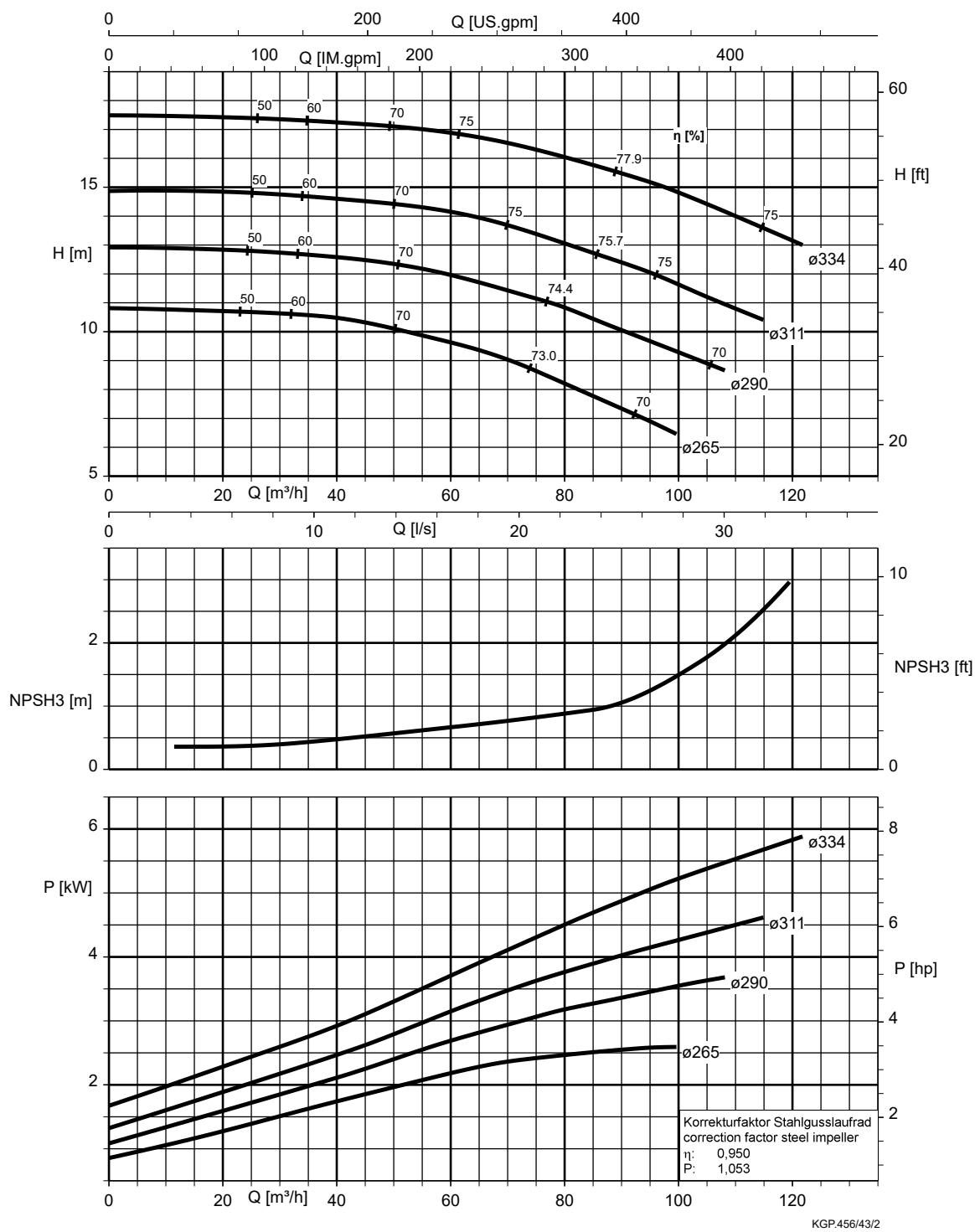
125-080-250, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



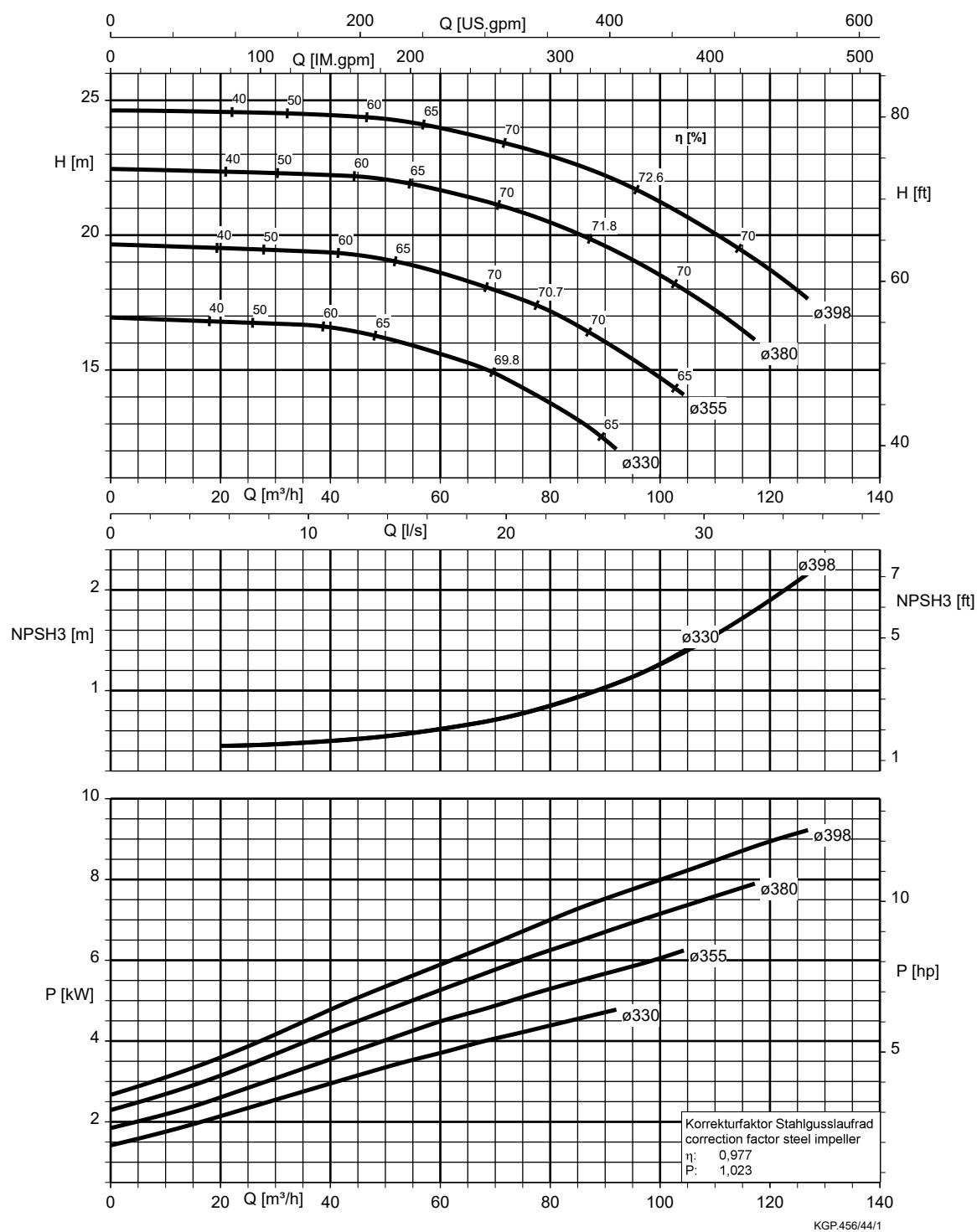
125-080-315, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



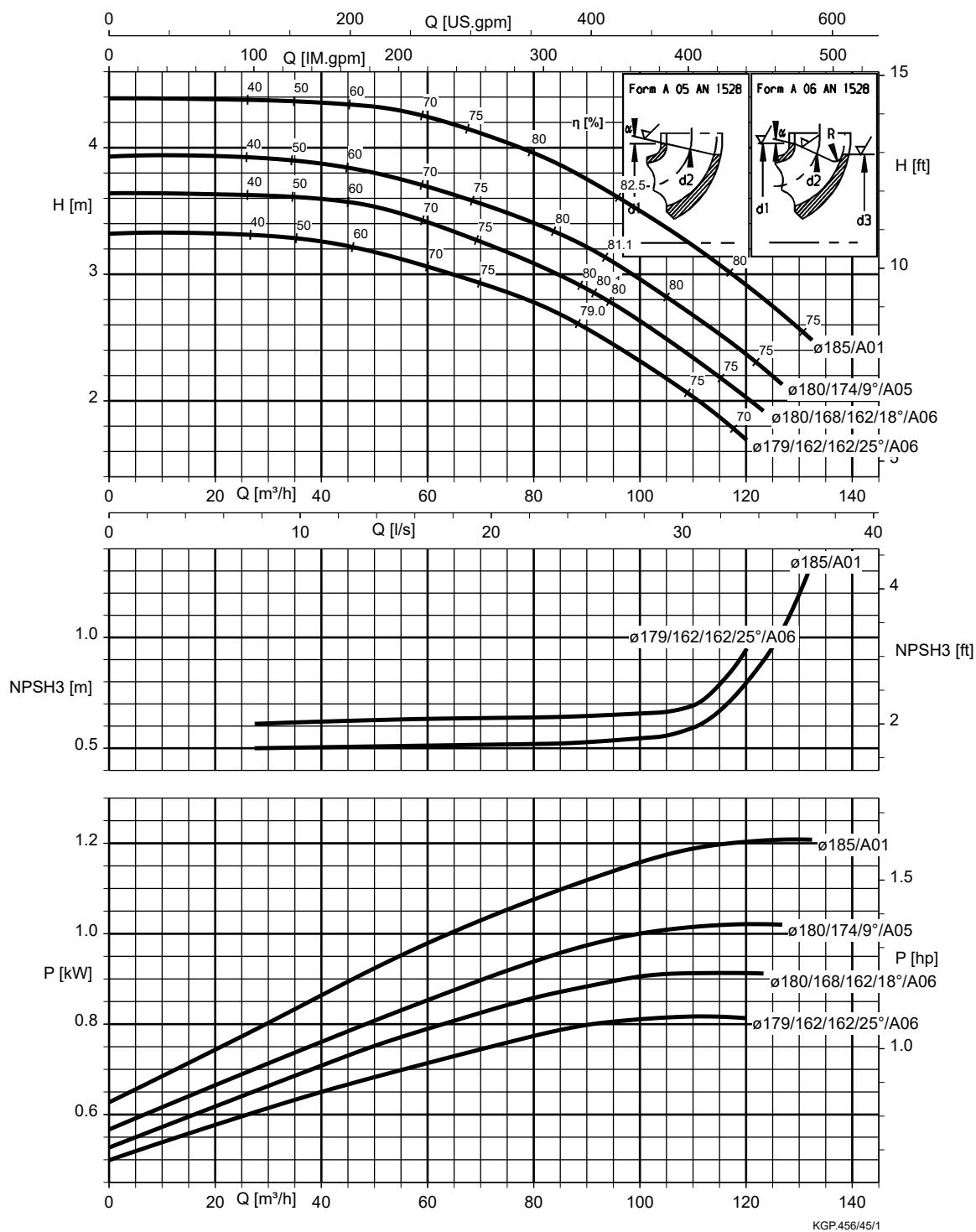
125-080-400, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



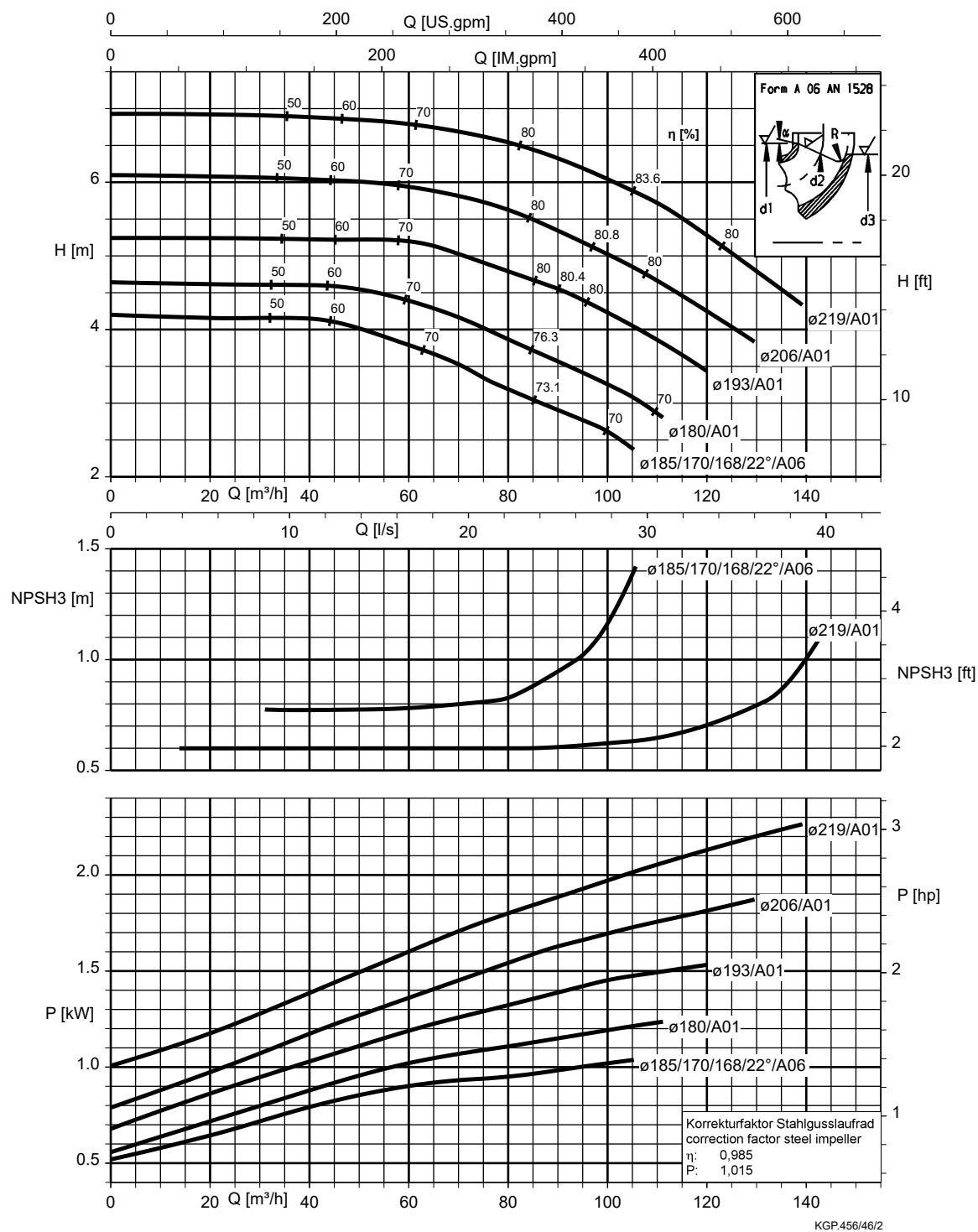
125-100-160, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



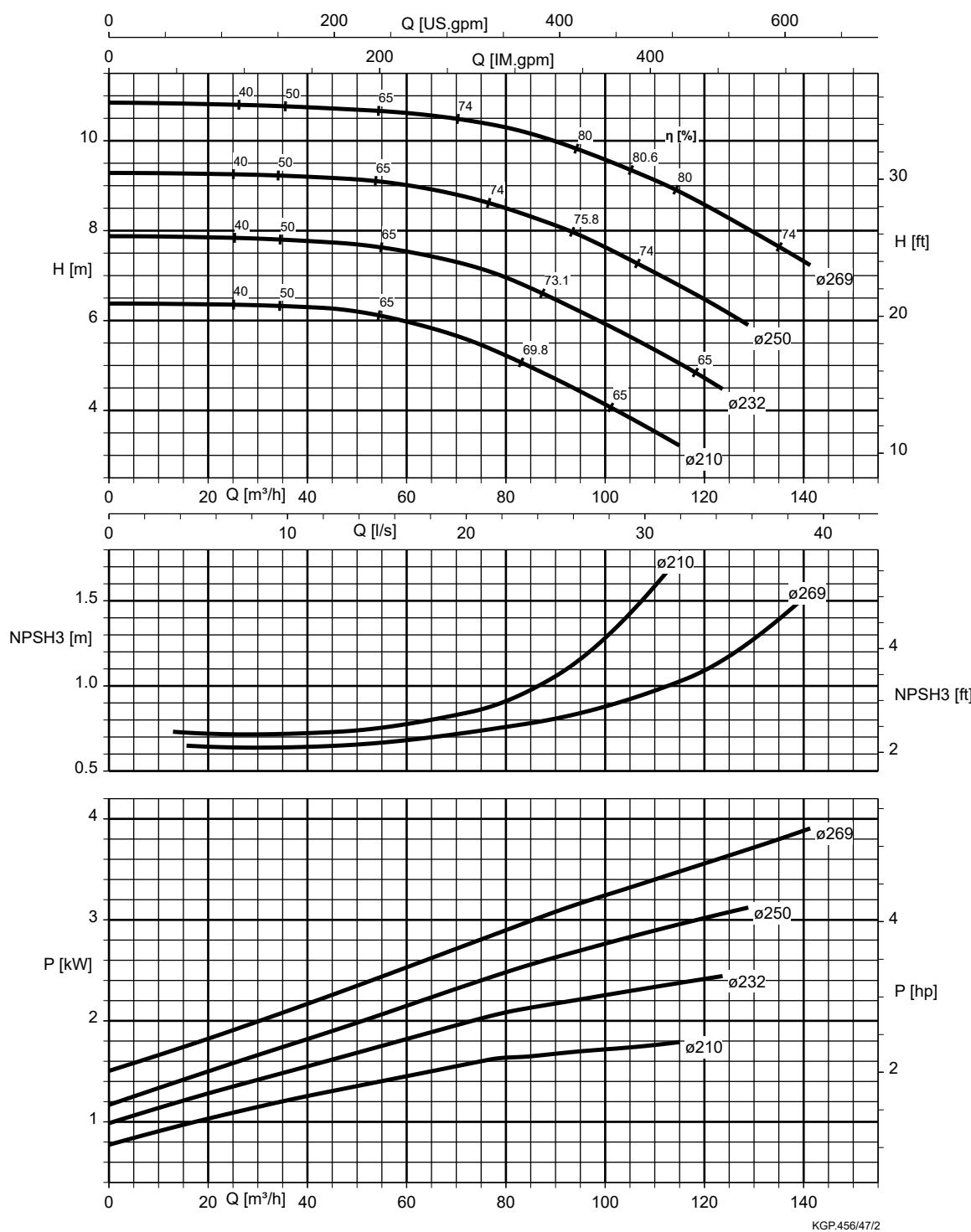
125-100-200, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



125-100-250, n = 960 rpm

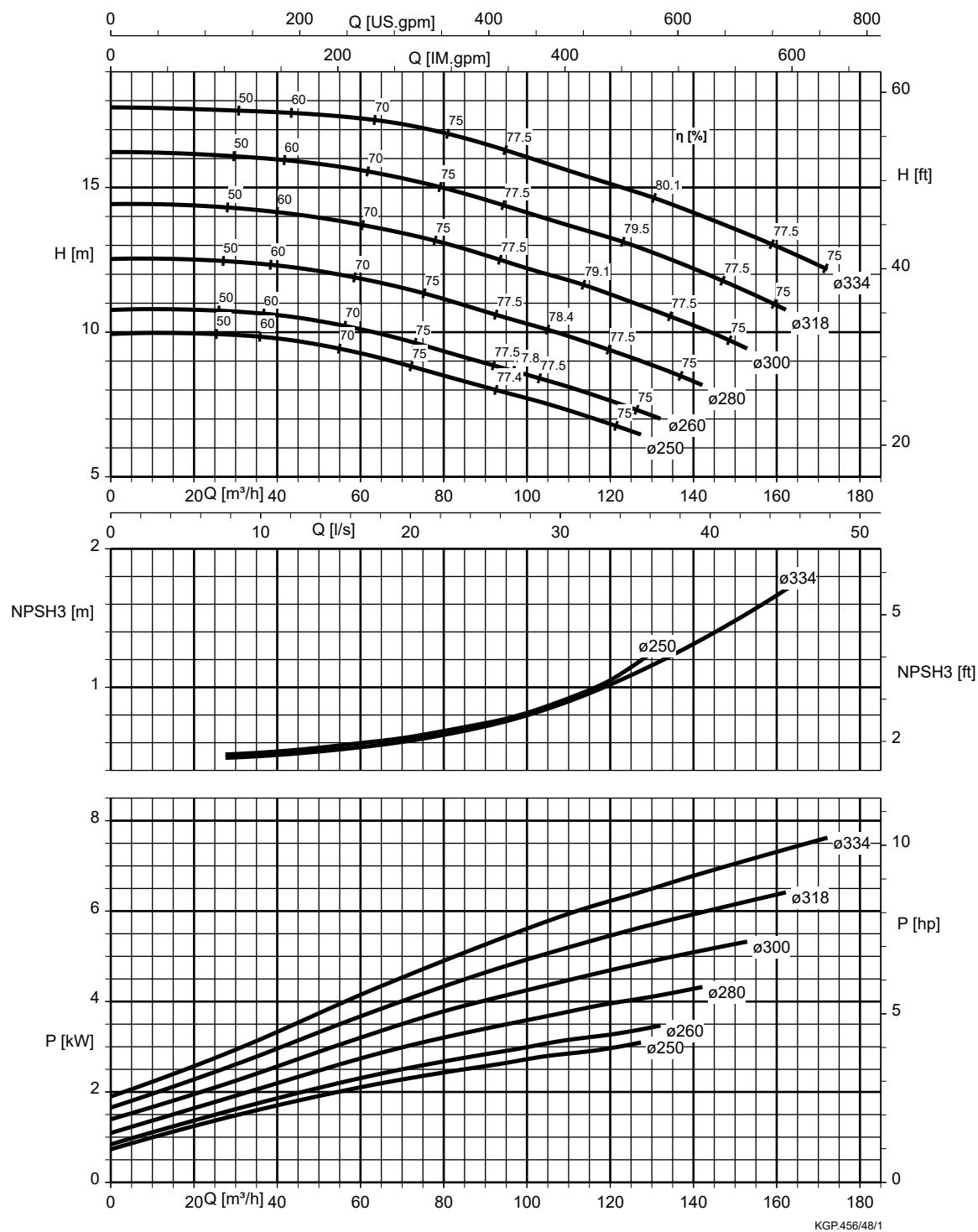
HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



KGP.456/47/2

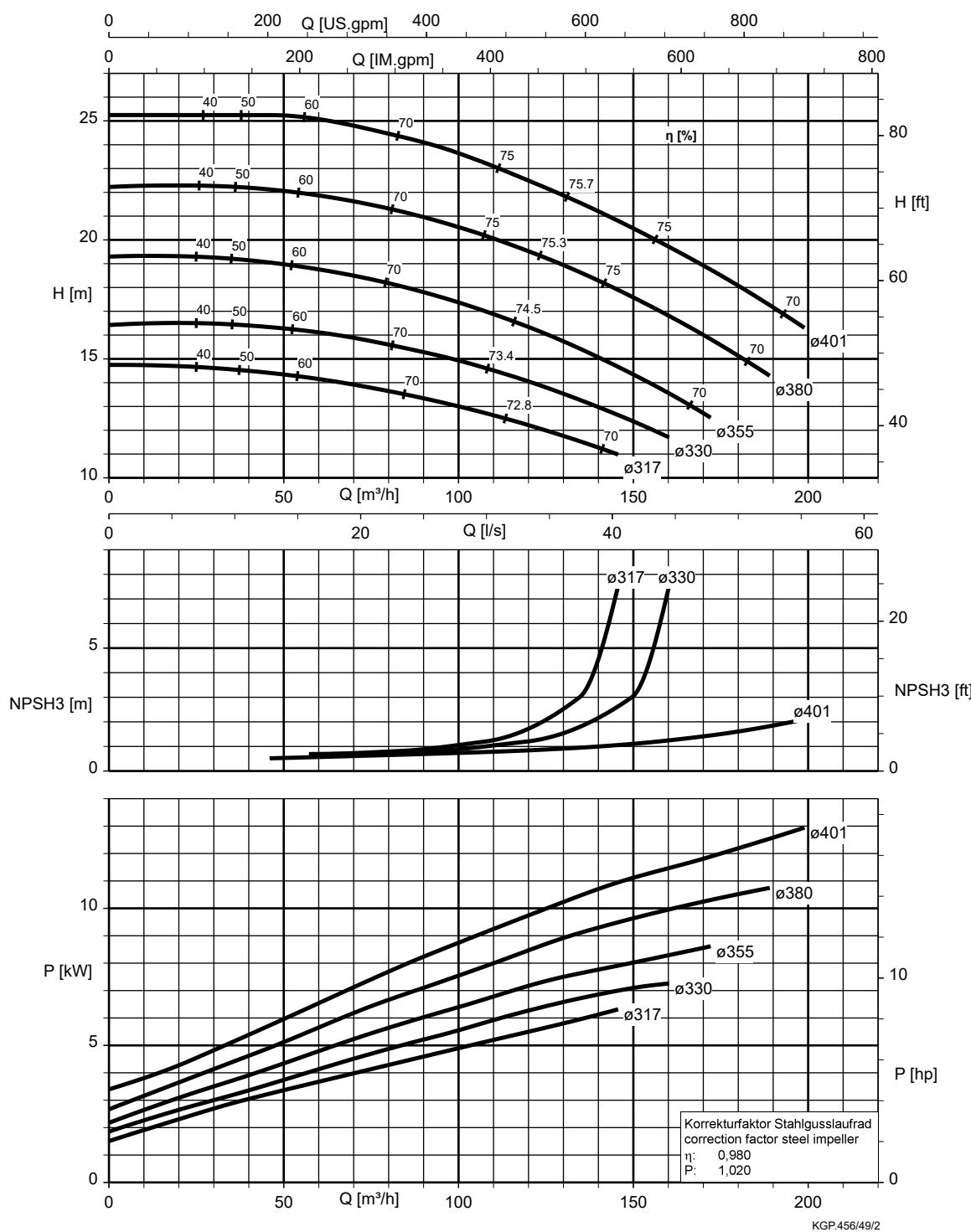
125-100-315, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



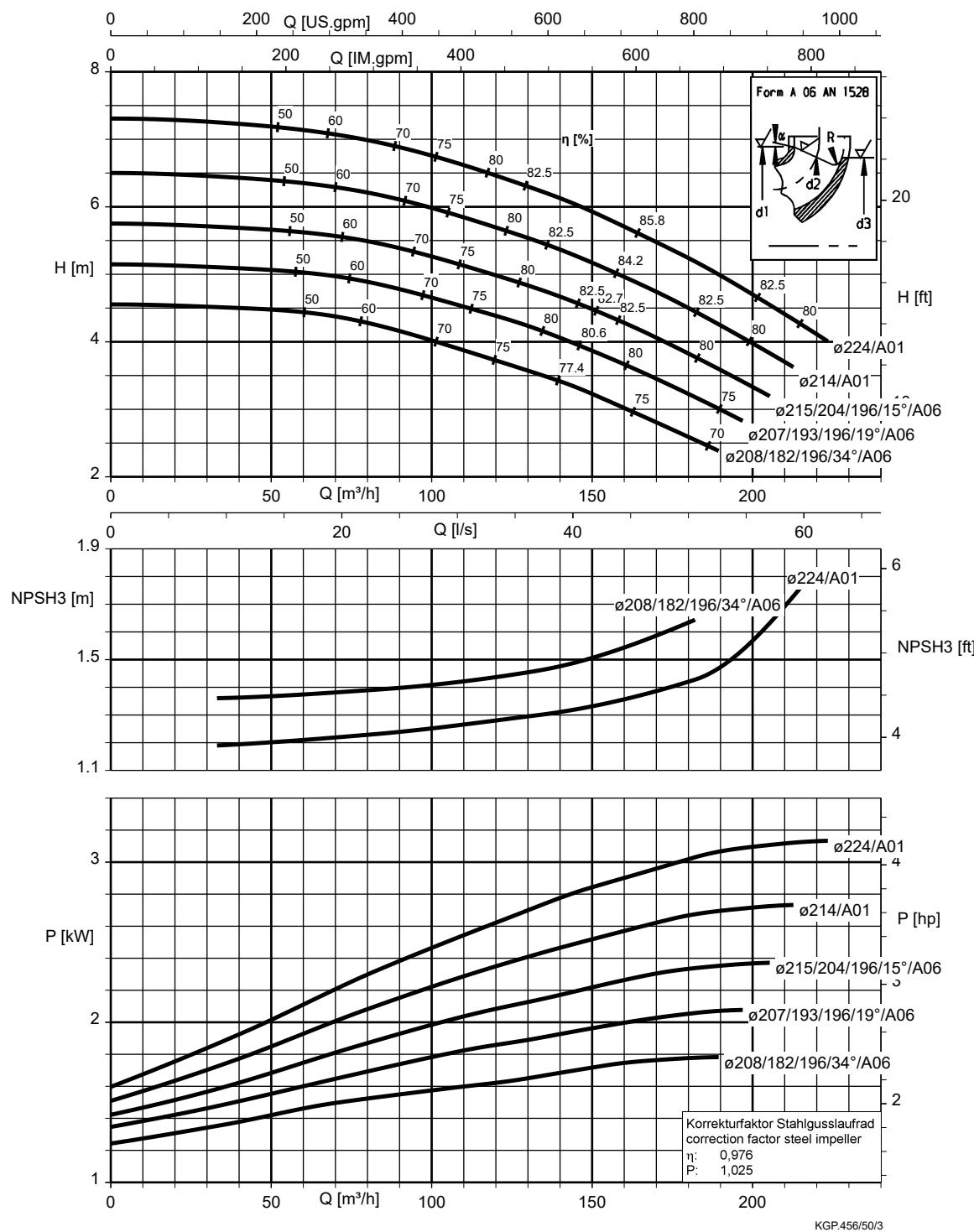
125-100-400, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



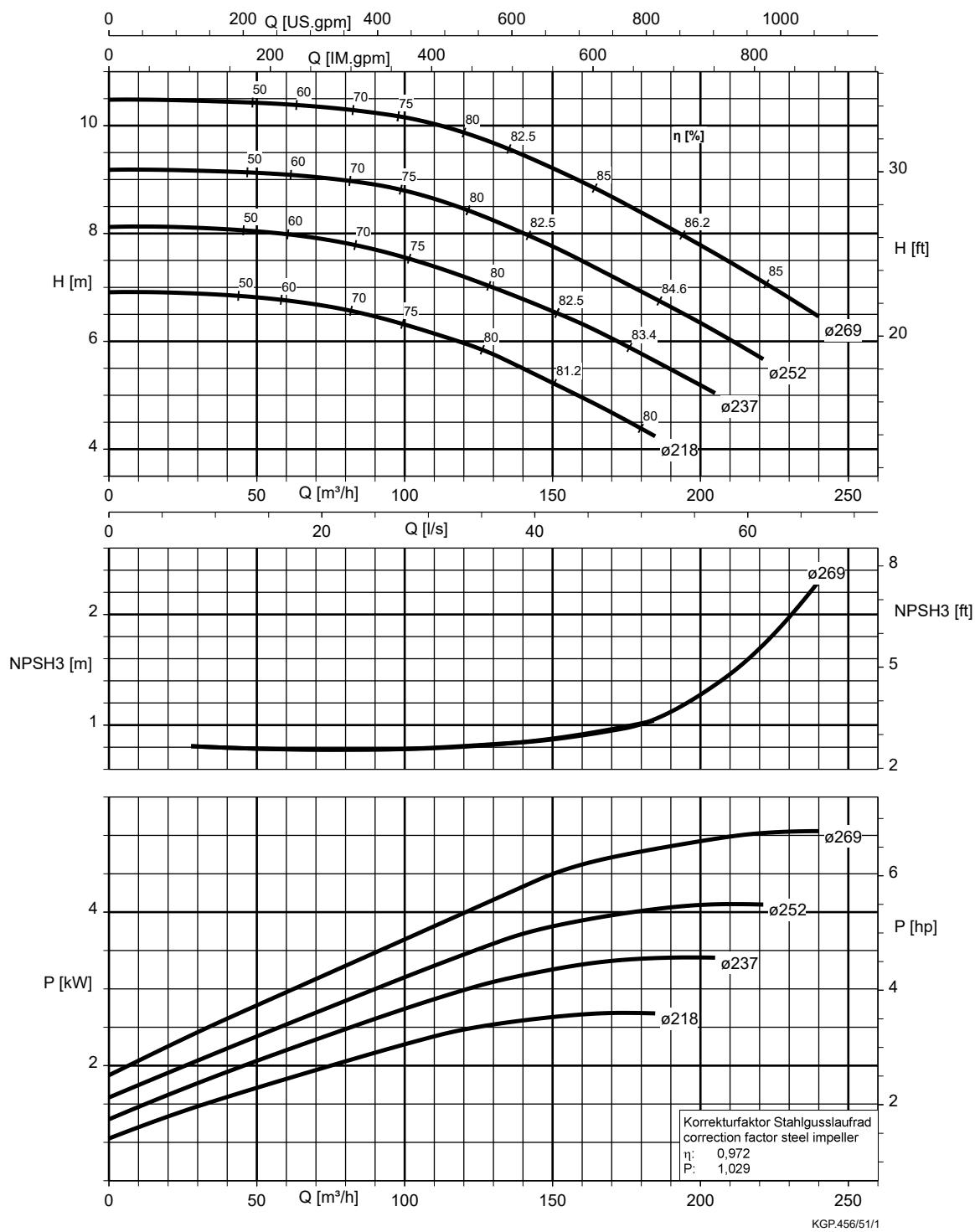
150-125-200, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



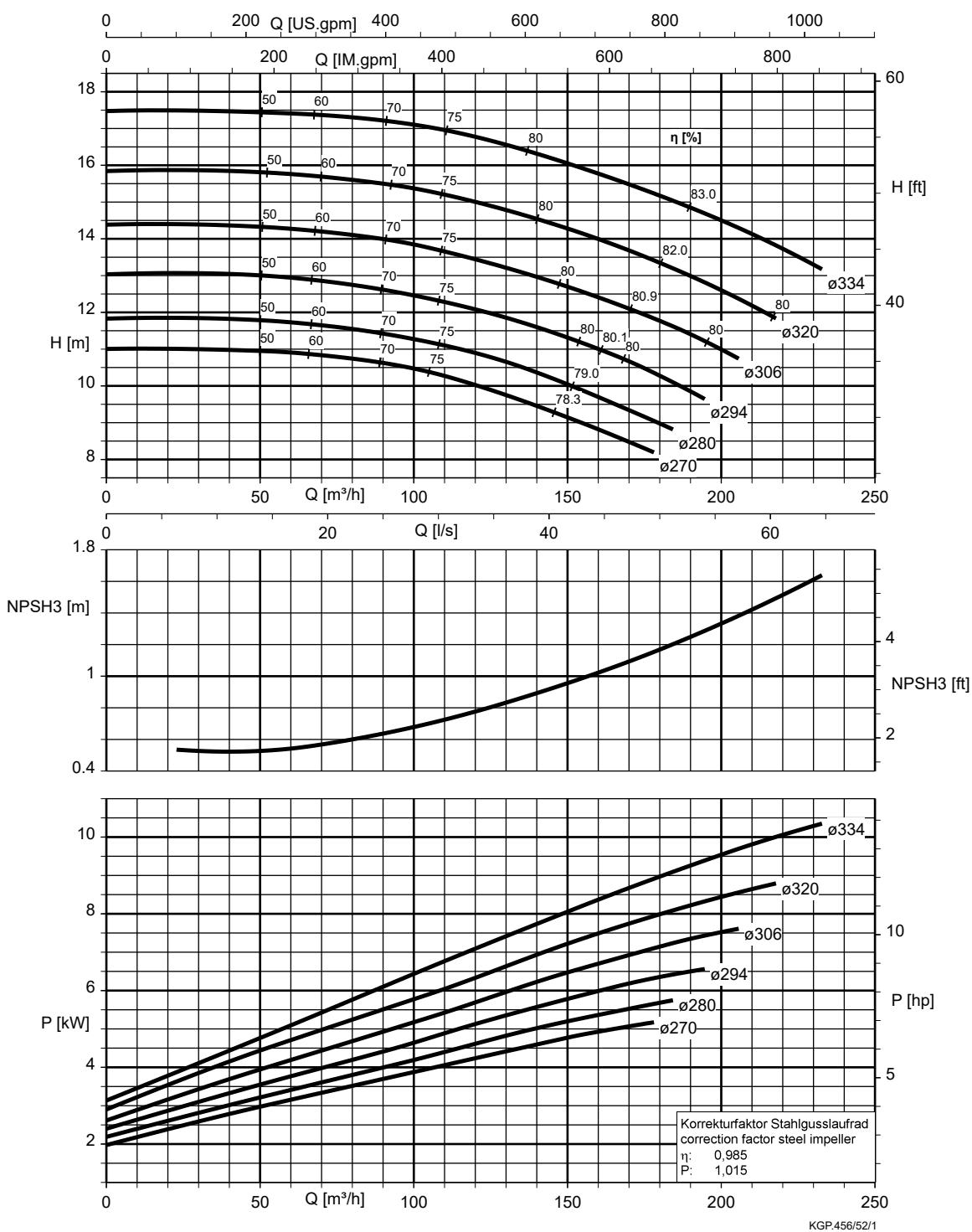
150-125-250, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



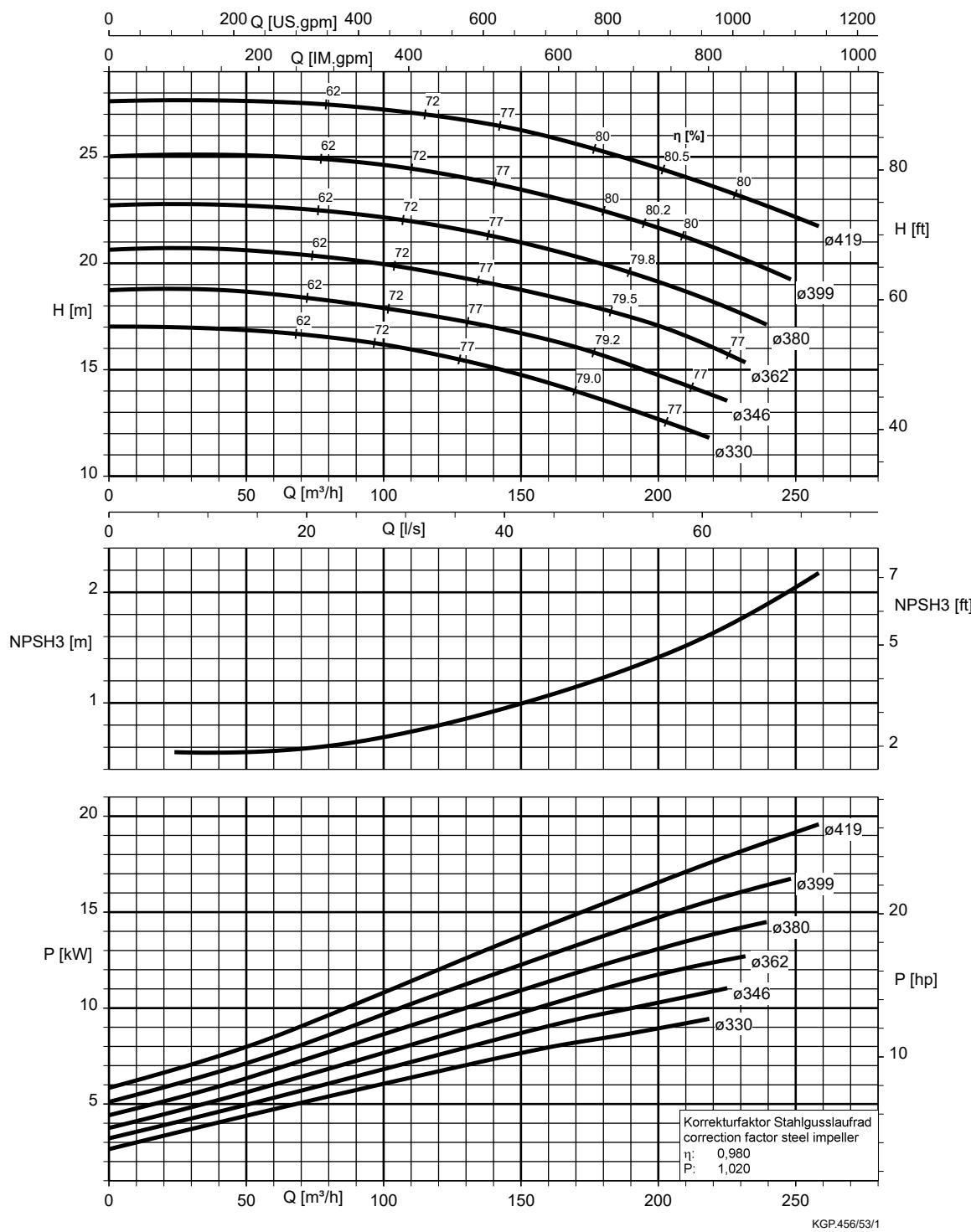
150-125-315, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



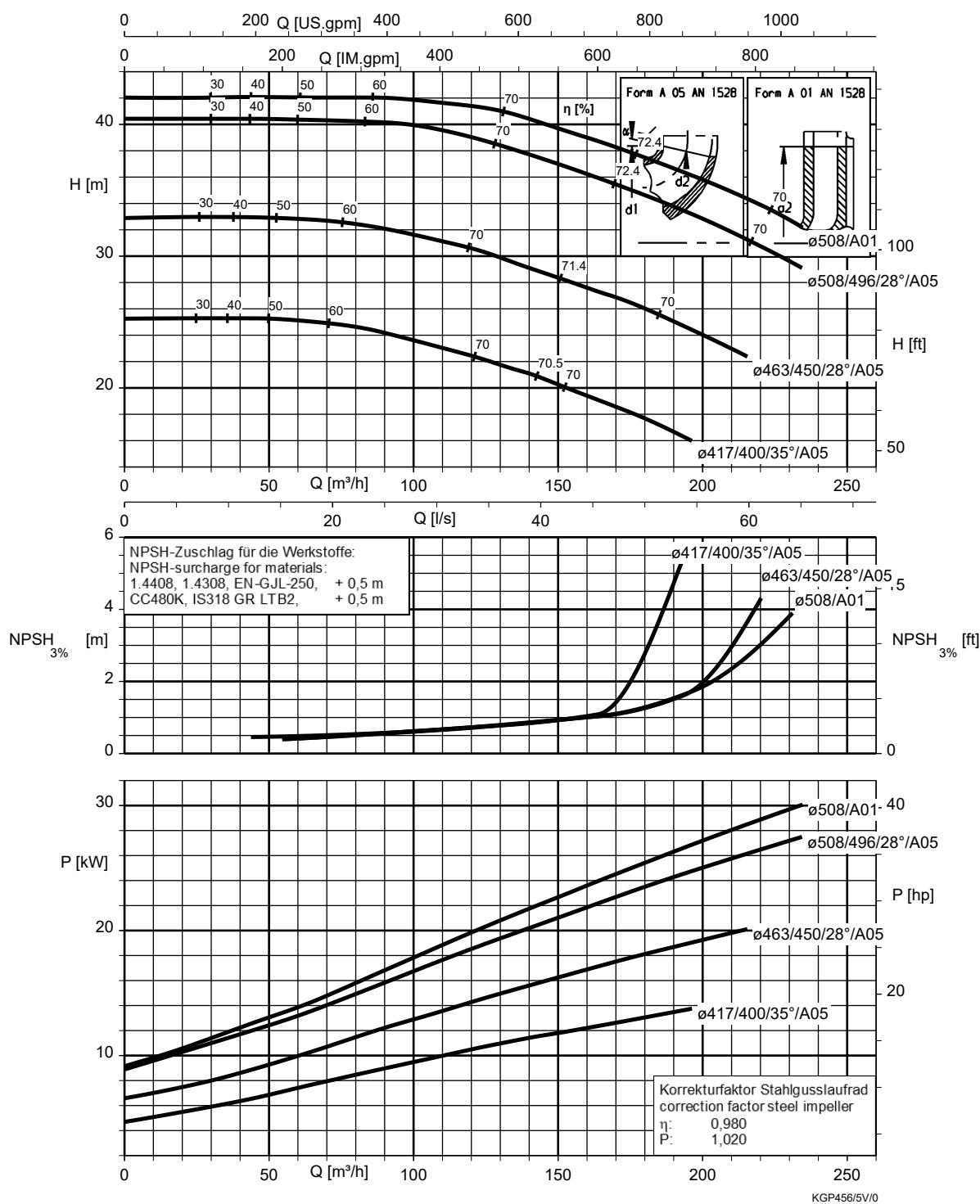
150-125-400, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



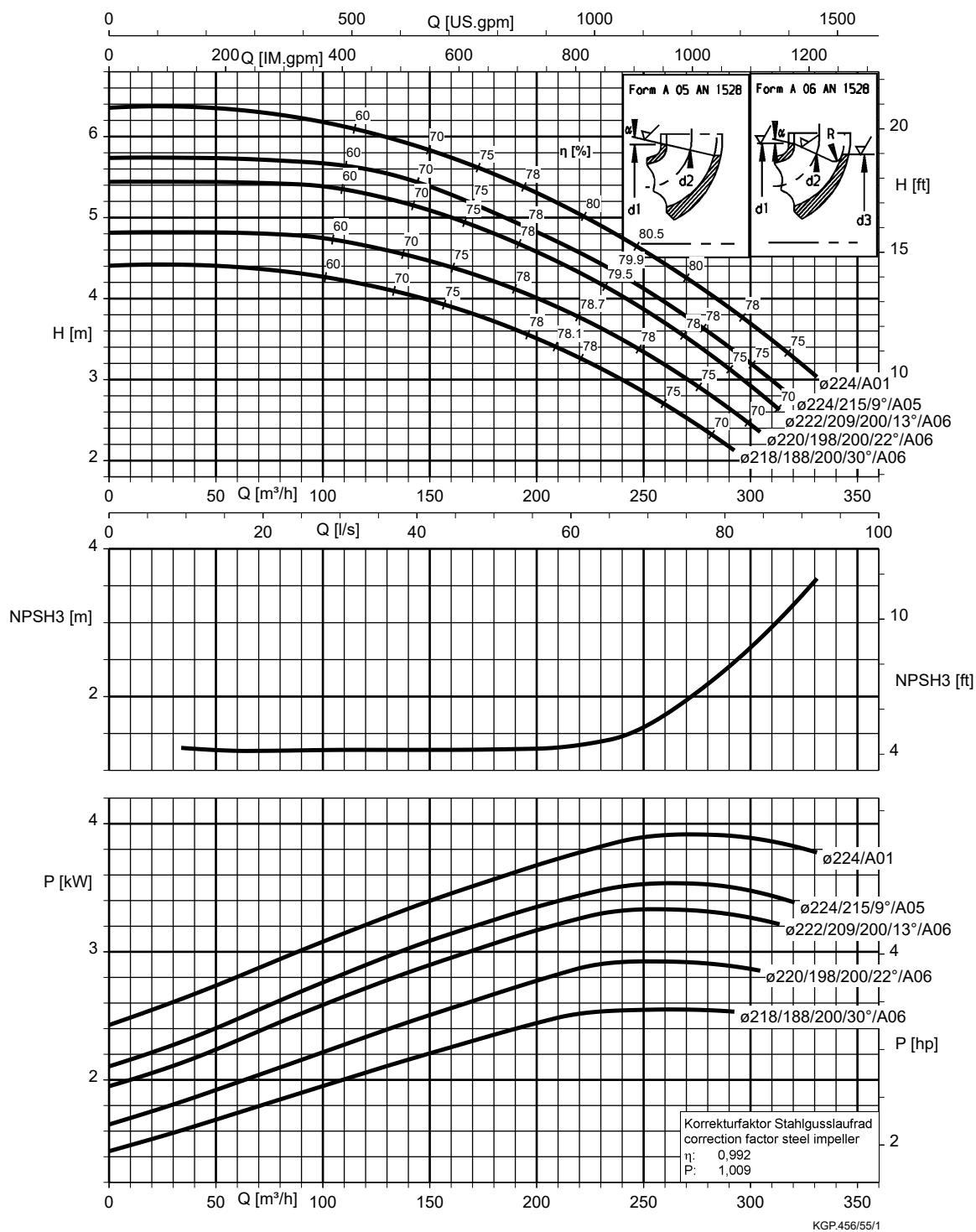
150-125-510, n = 960 rpm

MegaCPK



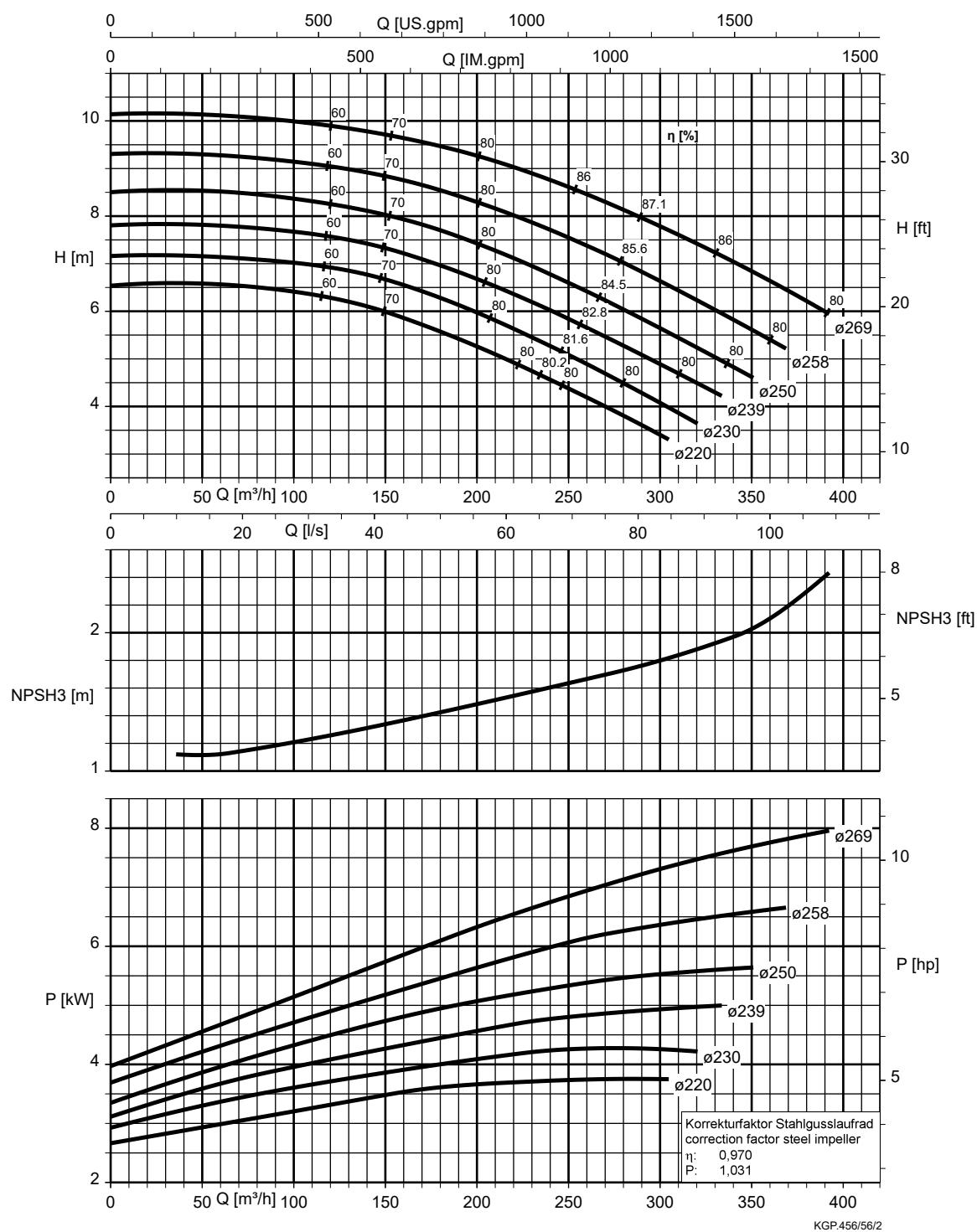
200-150-200, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



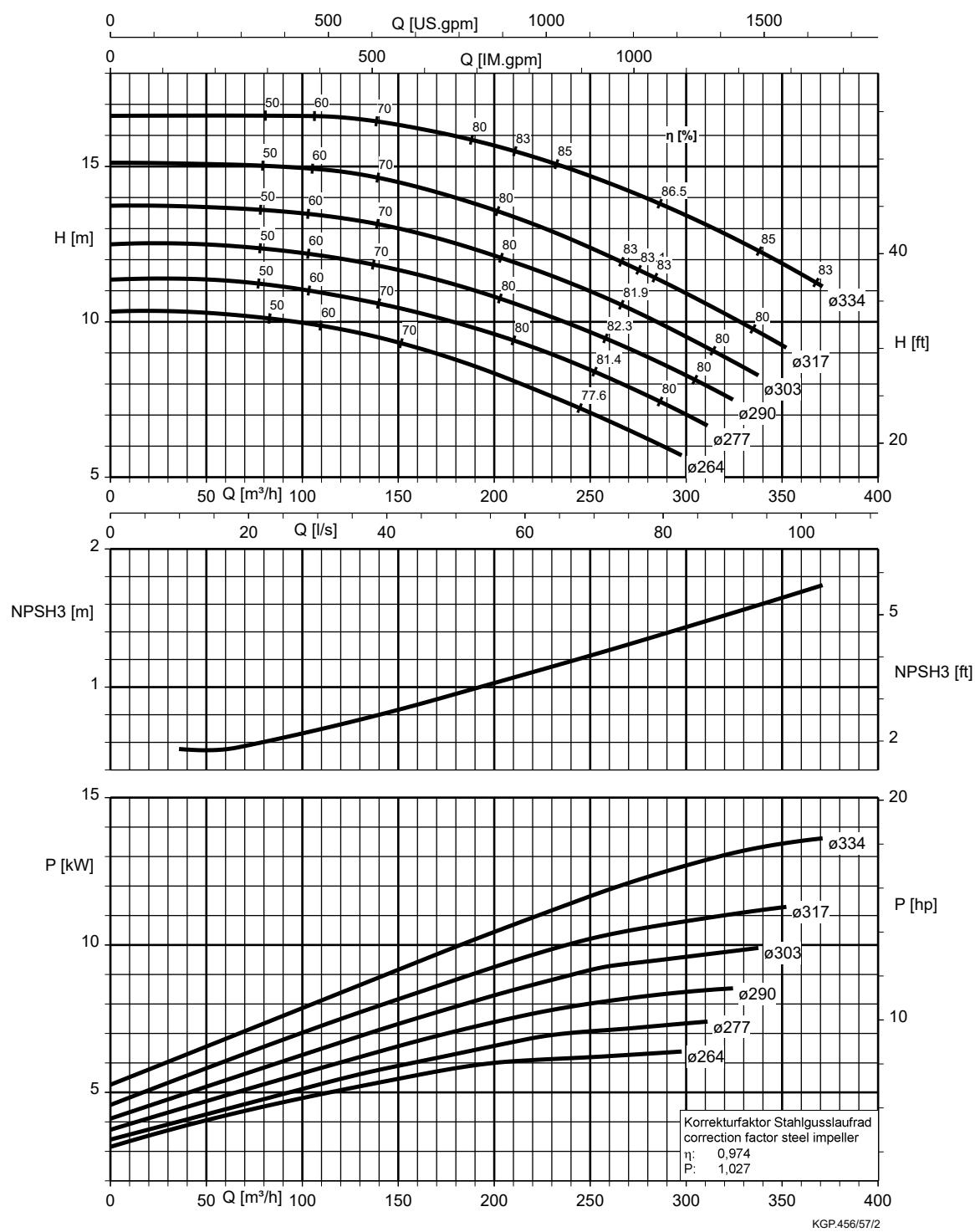
200-150-250, n = 960 rpm

HPK-L, Magnochem, Magnochem-Bloc, MegaCPK, Meganorm



200-150-315, n = 960 rpm

HPK-L, Magnochem, MegaCPK, Meganorm

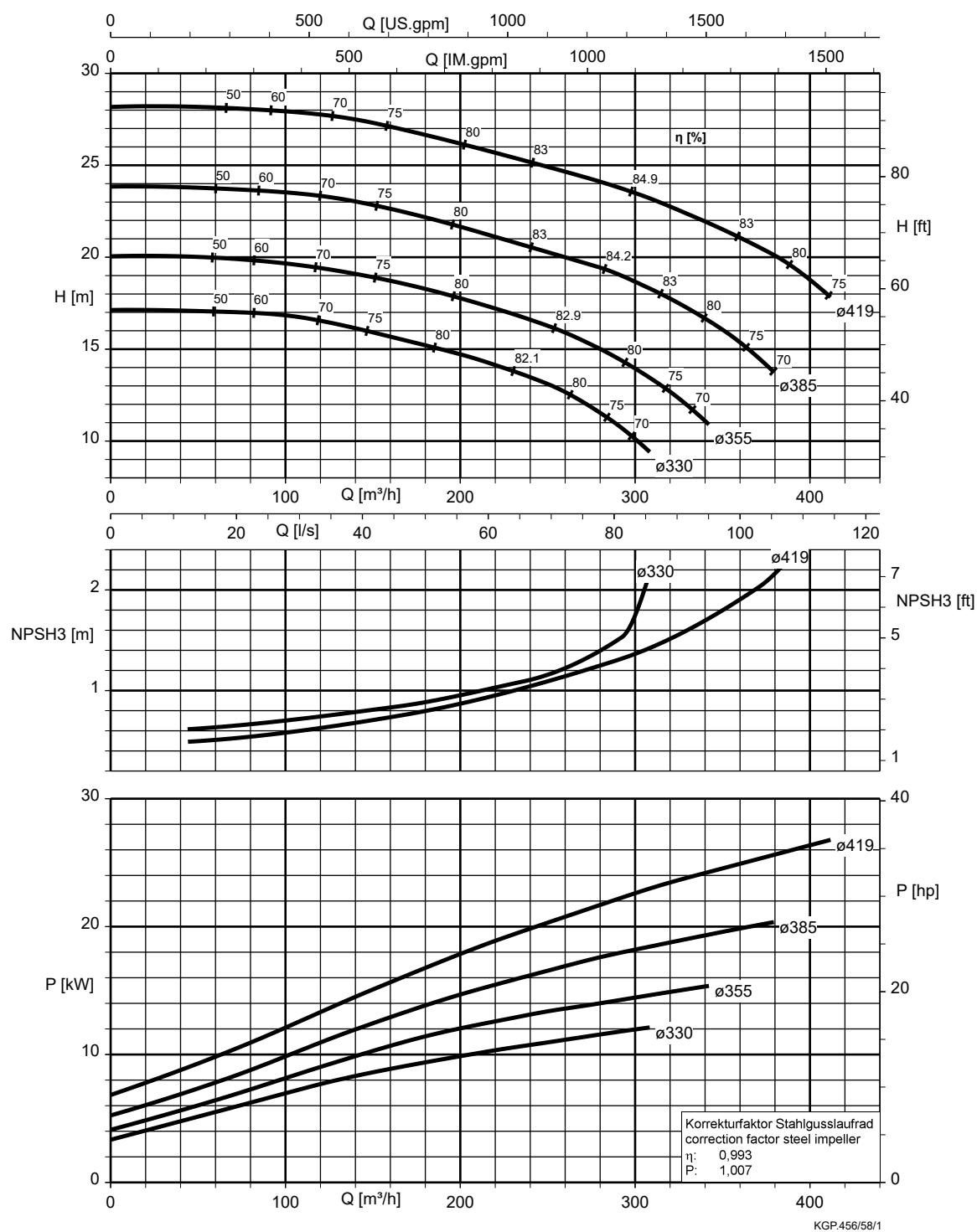


Korrekturfaktor Stahlgusslaufrad
 correction factor steel impeller
 η : 0,974
 P: 1,027

KGP.456/57/2

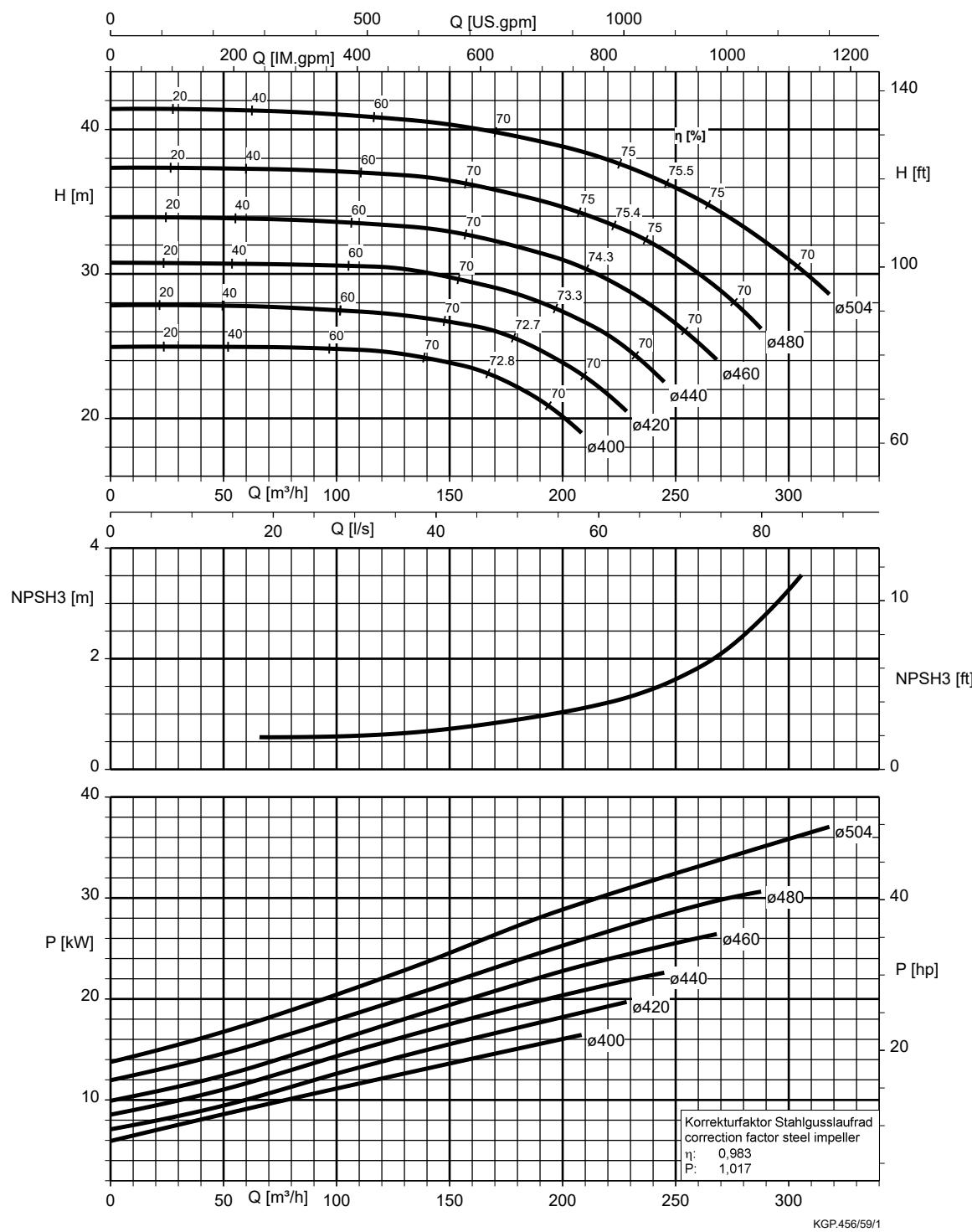
200-150-400, n = 960 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



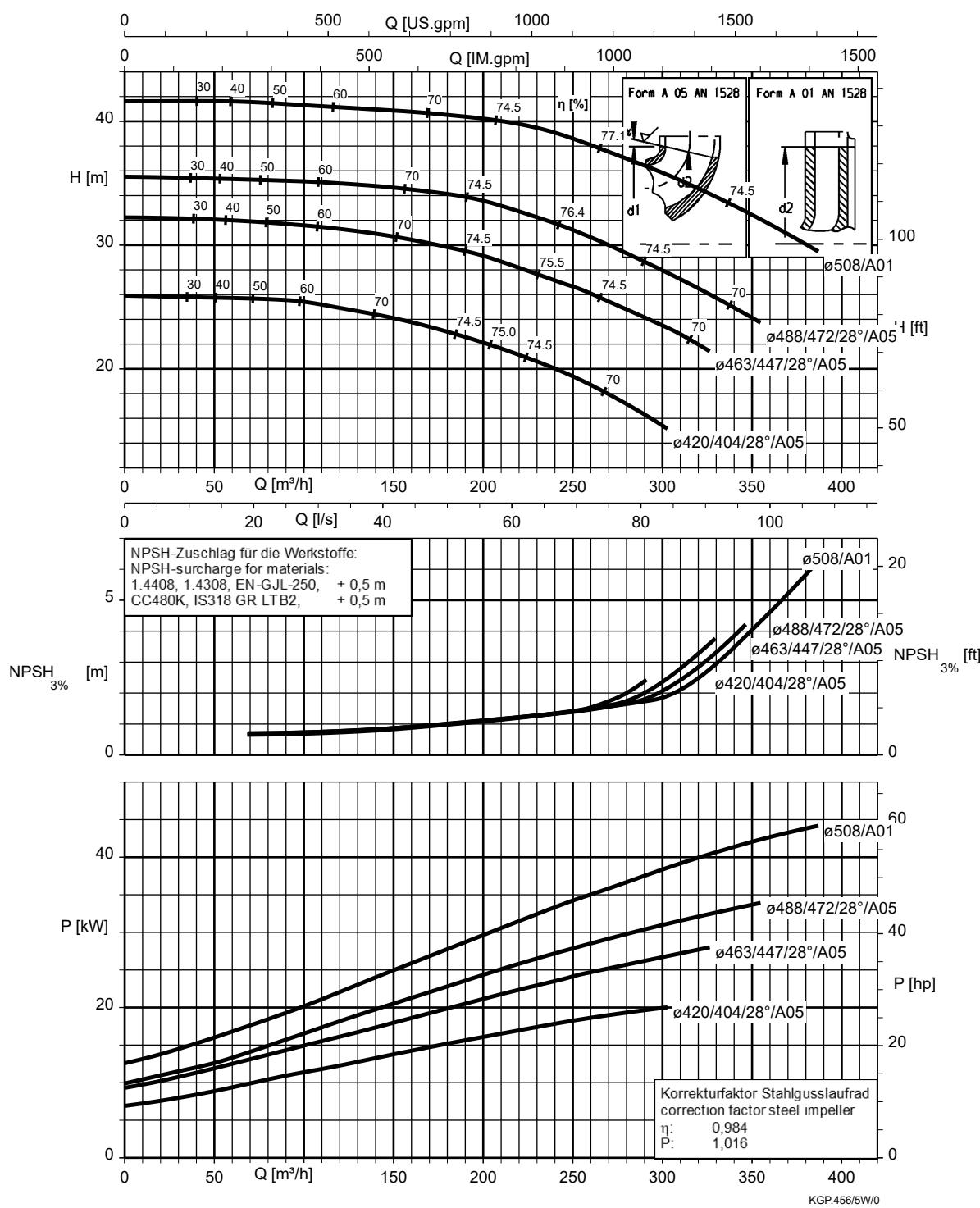
200-150-500, n = 960 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



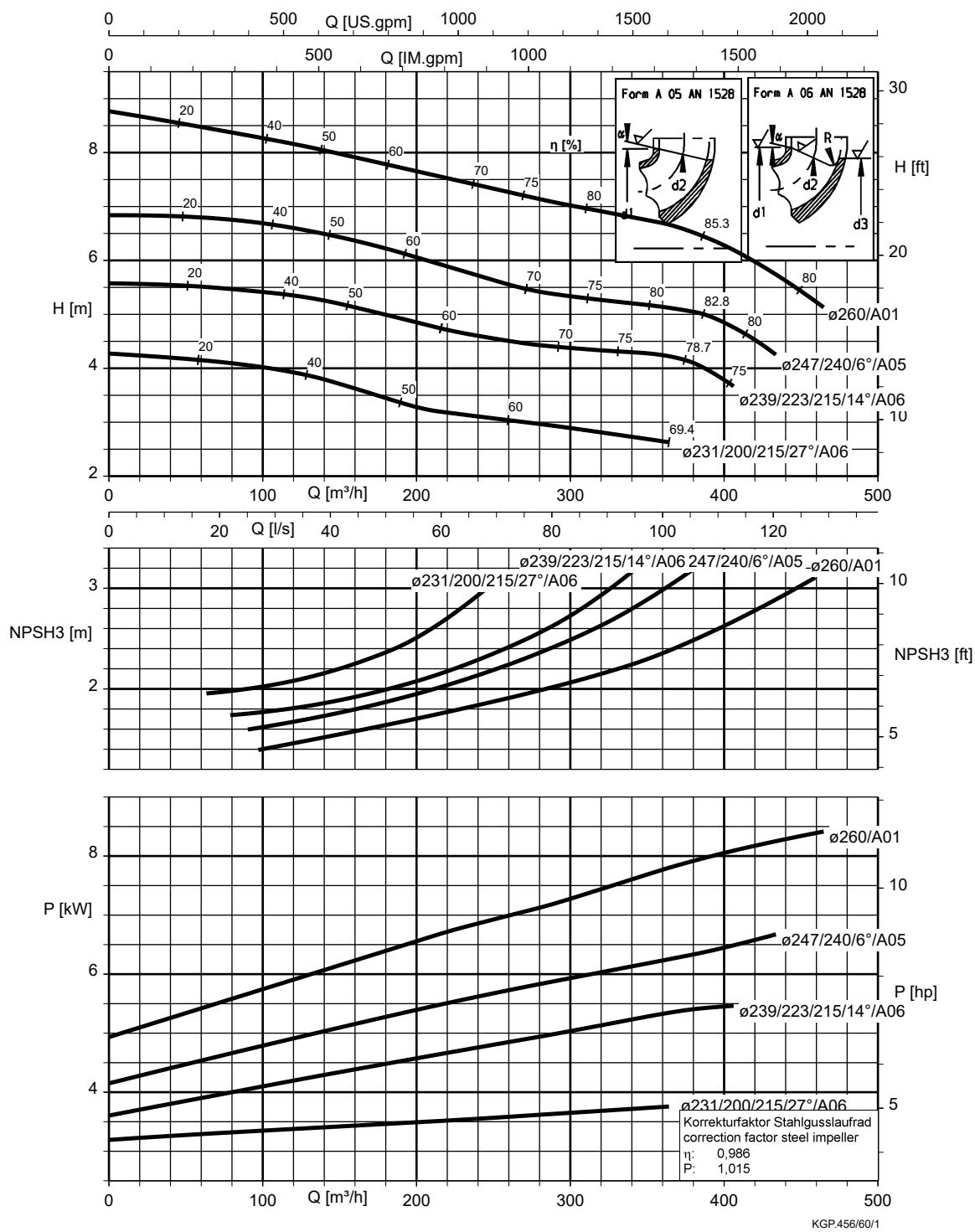
200-150-510, n = 960 rpm

MegaCPK



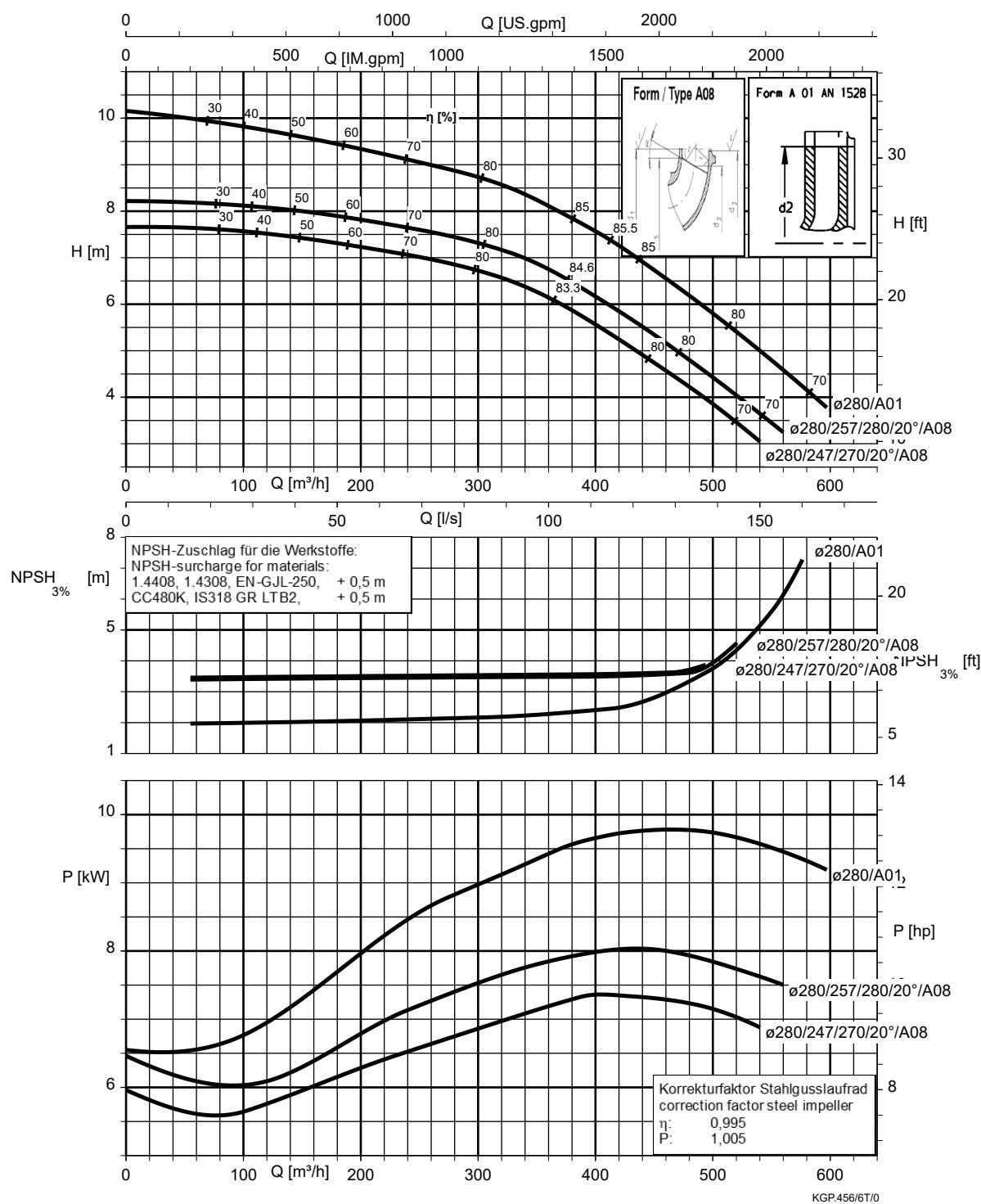
200-200-250, n = 960 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



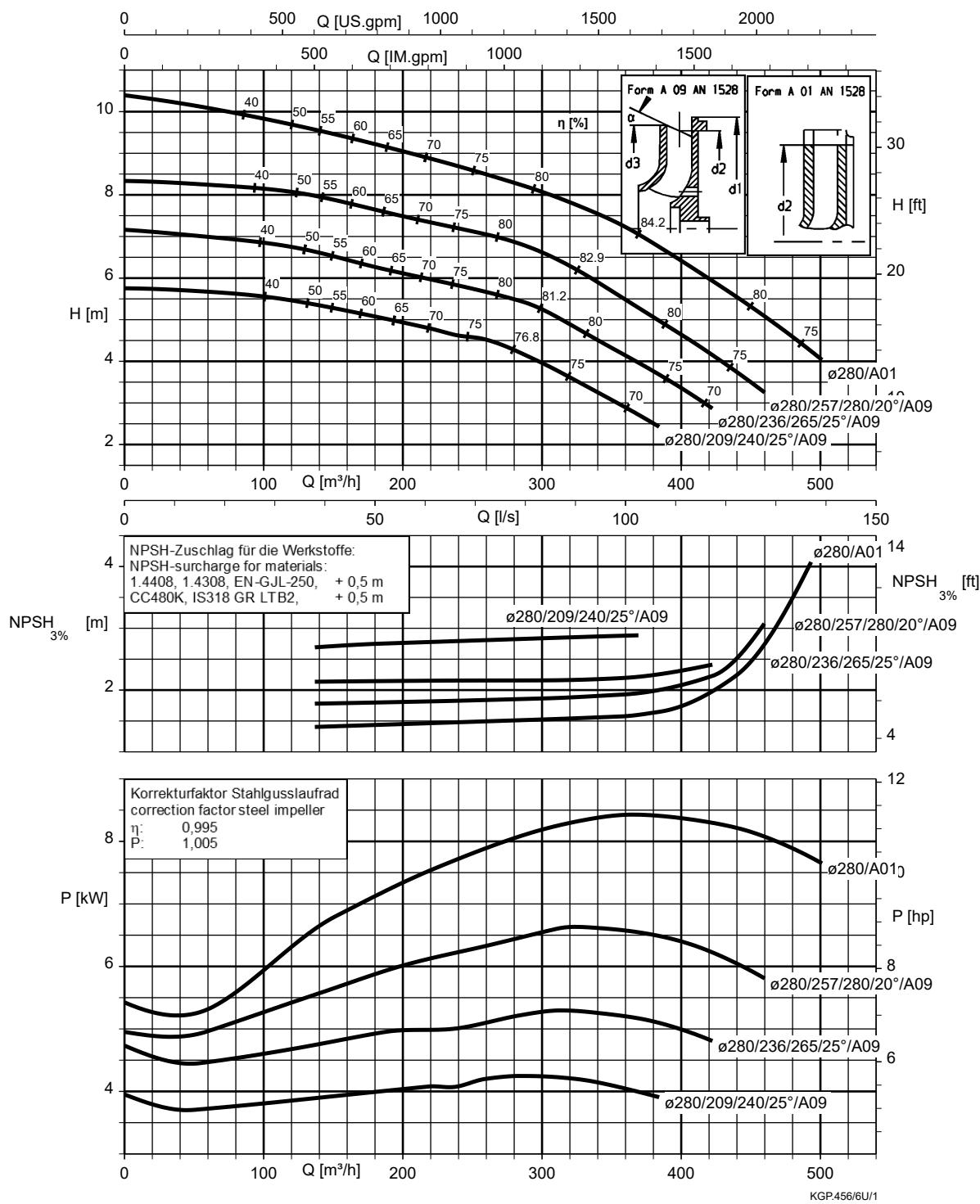
250-200-275, n = 960 rpm

MegaCPK



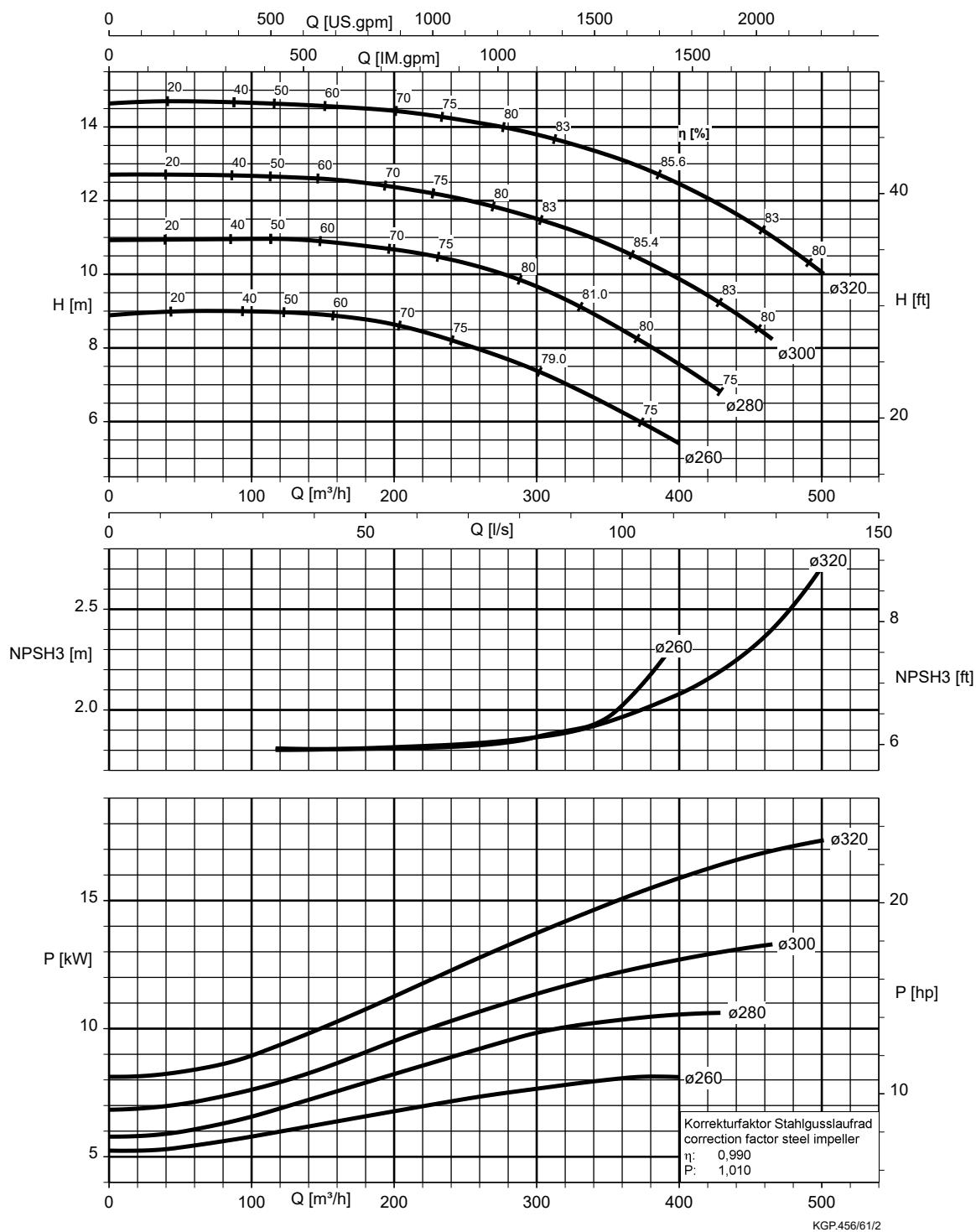
250-200-275.1, n = 960 rpm

MegaCPK



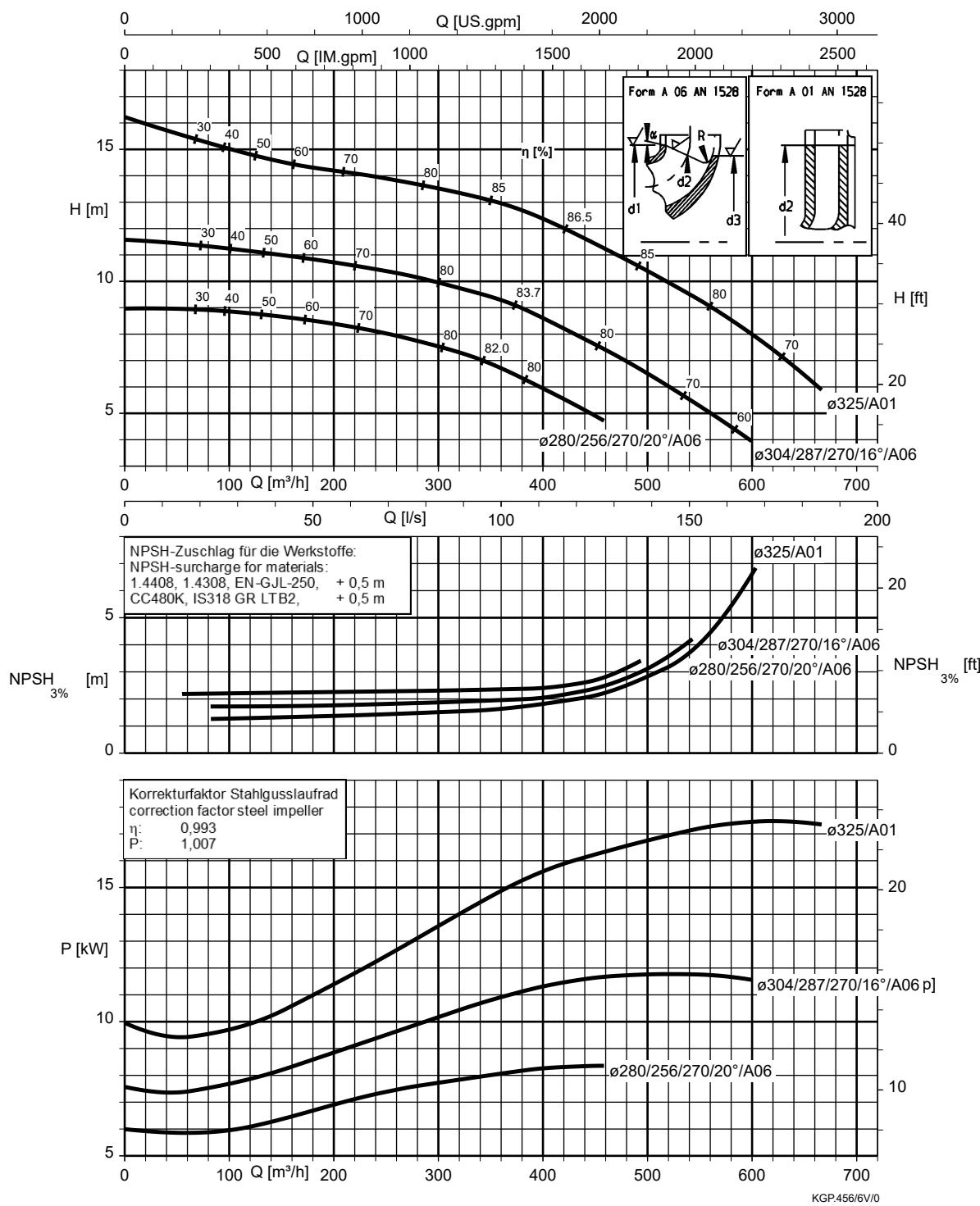
250-200-315, n = 960 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



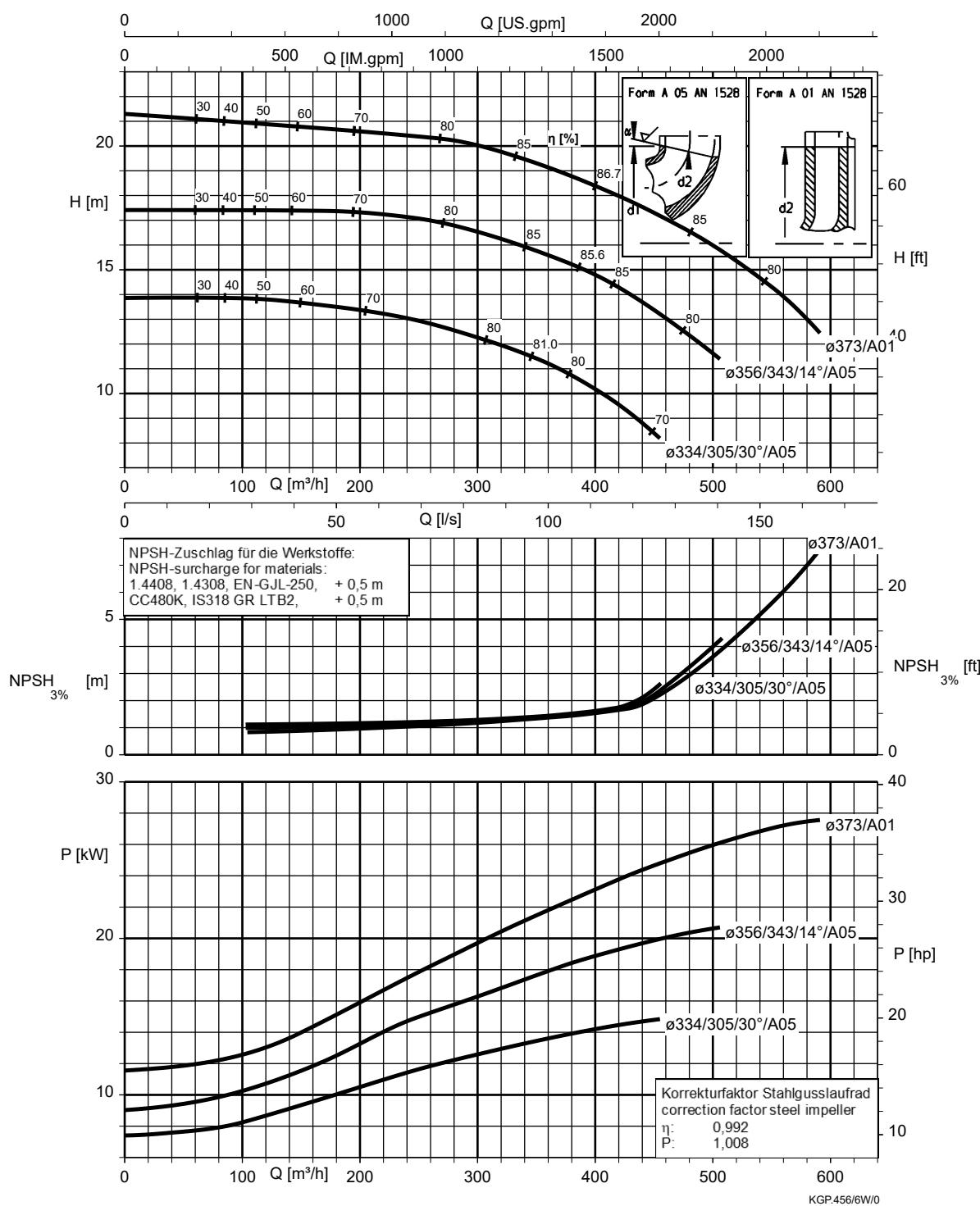
250-200-320, n = 960 rpm

MegaCPK



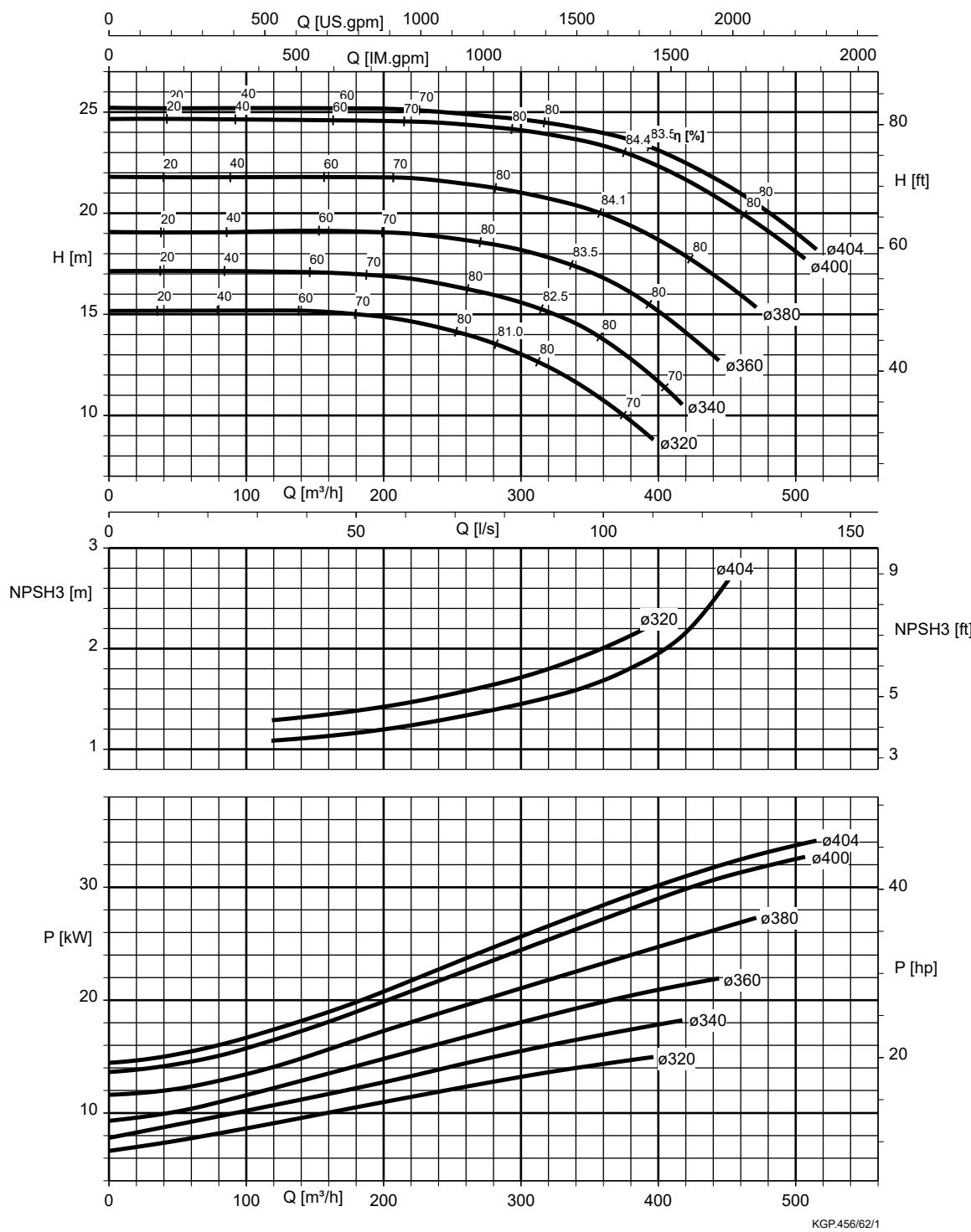
250-200-375, n = 960 rpm

MegaCPK



250-200-400, n = 960 rpm

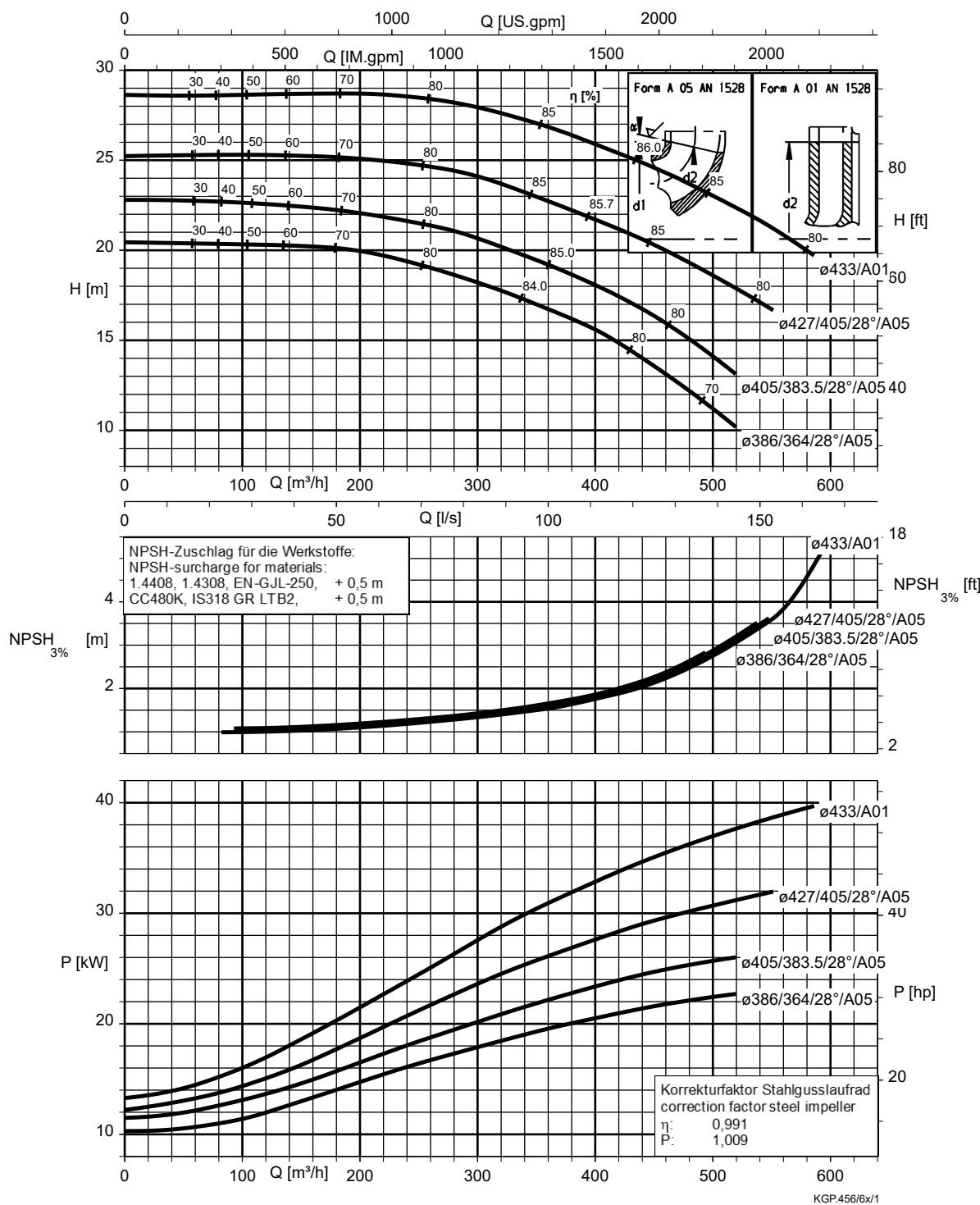
HPK-L, Magnochem, MegaCPK, Meganorm



KGP.456/62/1

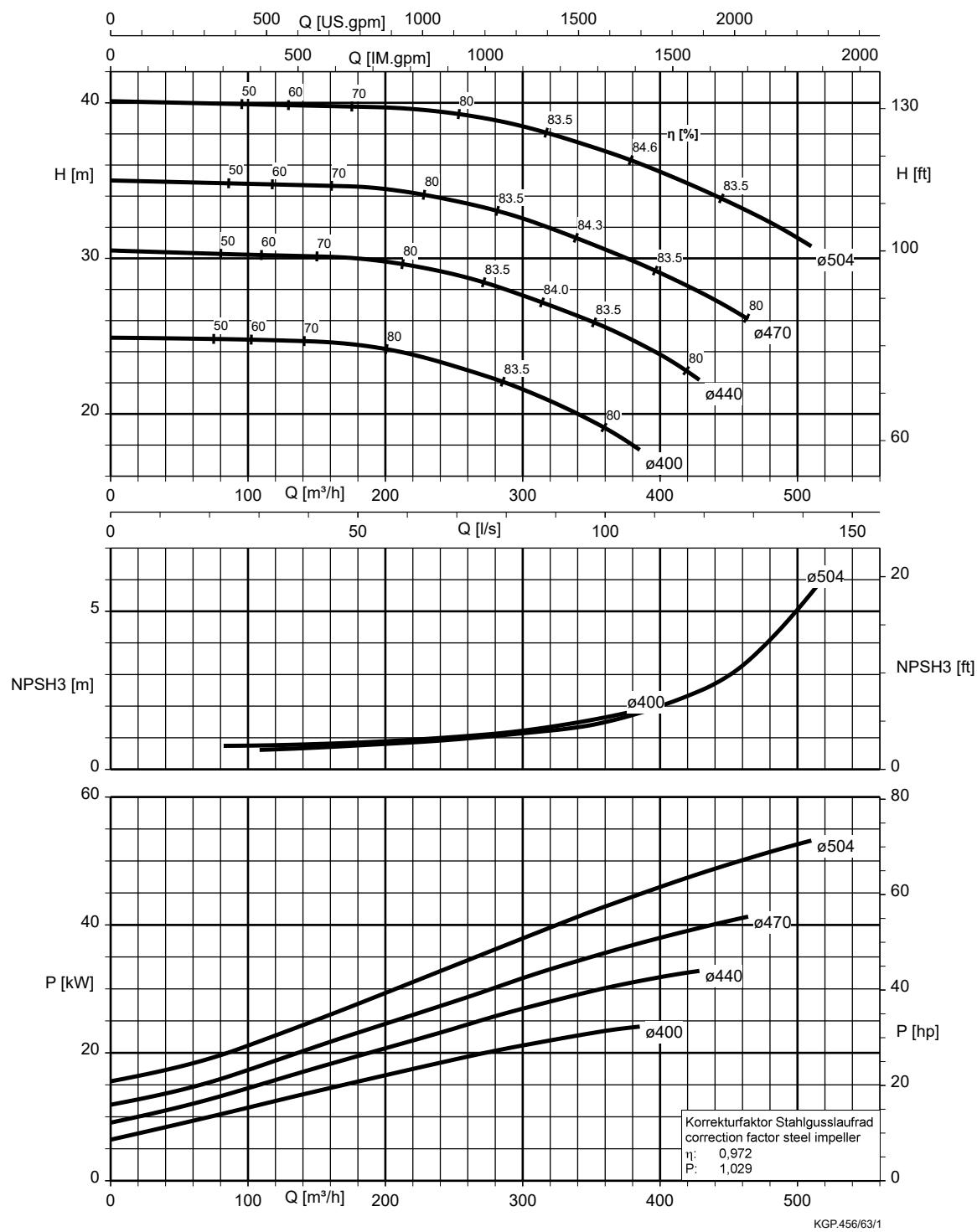
250-200-435, n = 960 rpm

MegaCPK



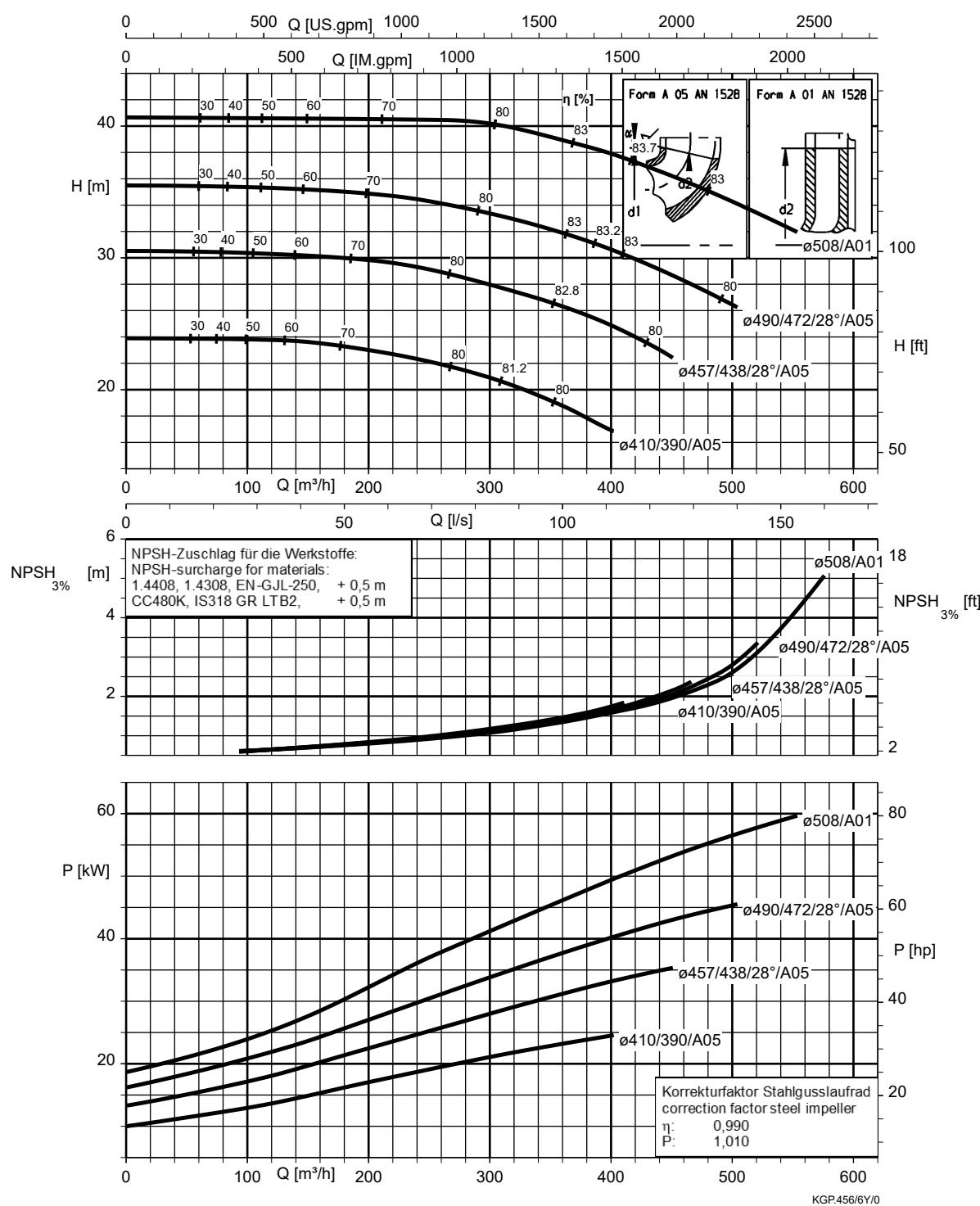
250-200-500, n = 960 rpm

HPK-L, Magnochem, MegaCPK, Meganorm



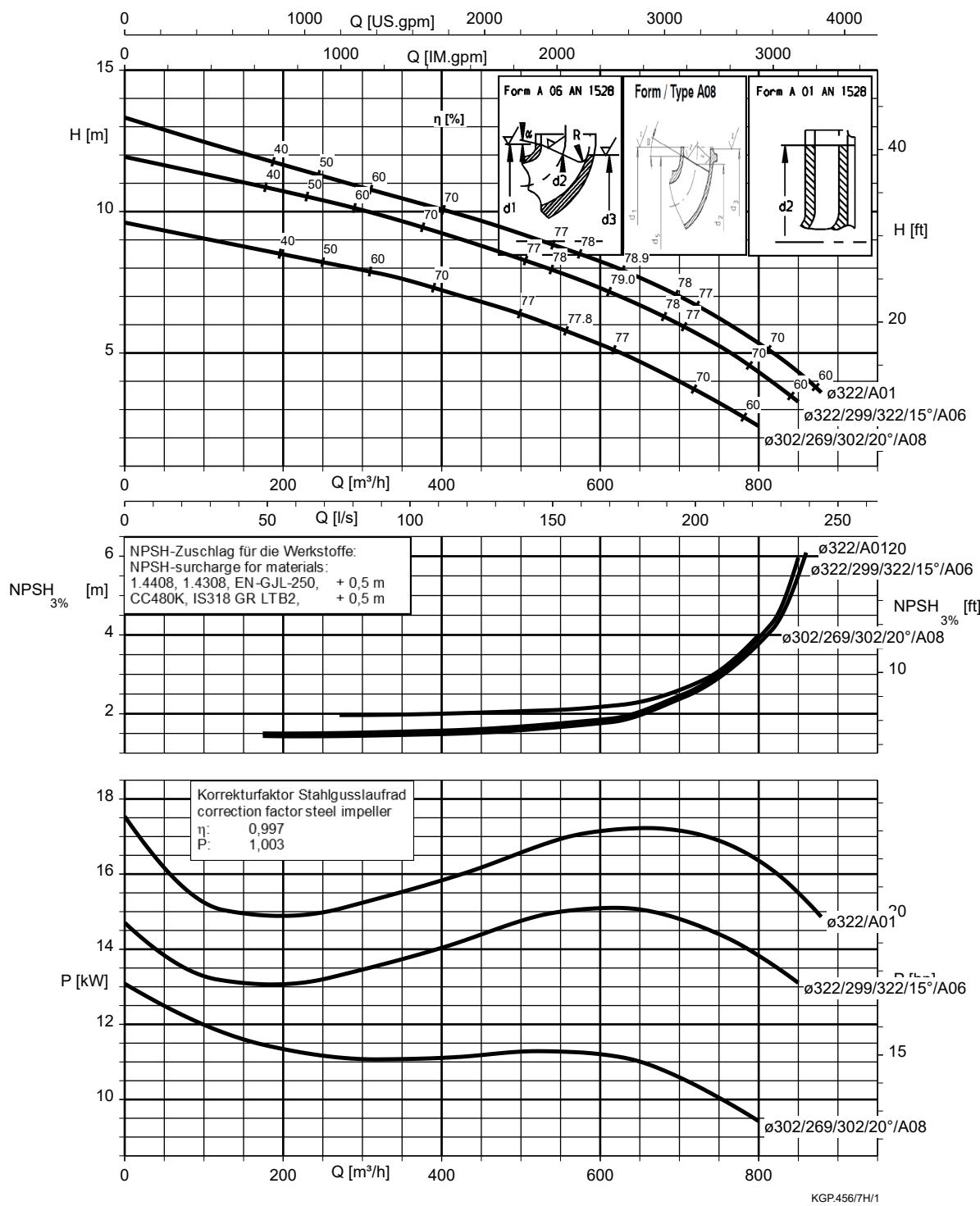
250-200-510, n = 960 rpm

MegaCPK



300-250-295, n = 960 rpm

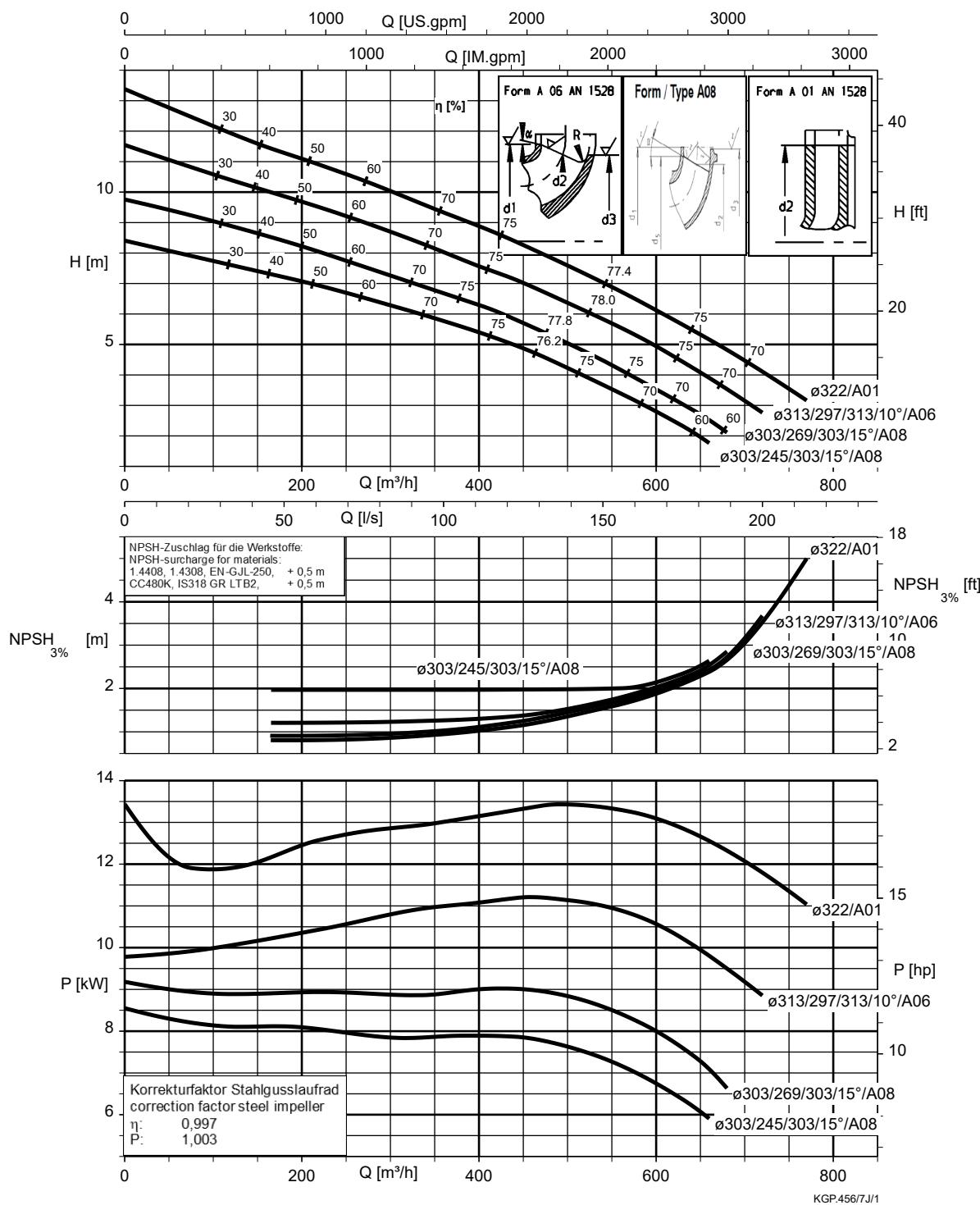
MegaCPK



KGP.456/7H/1

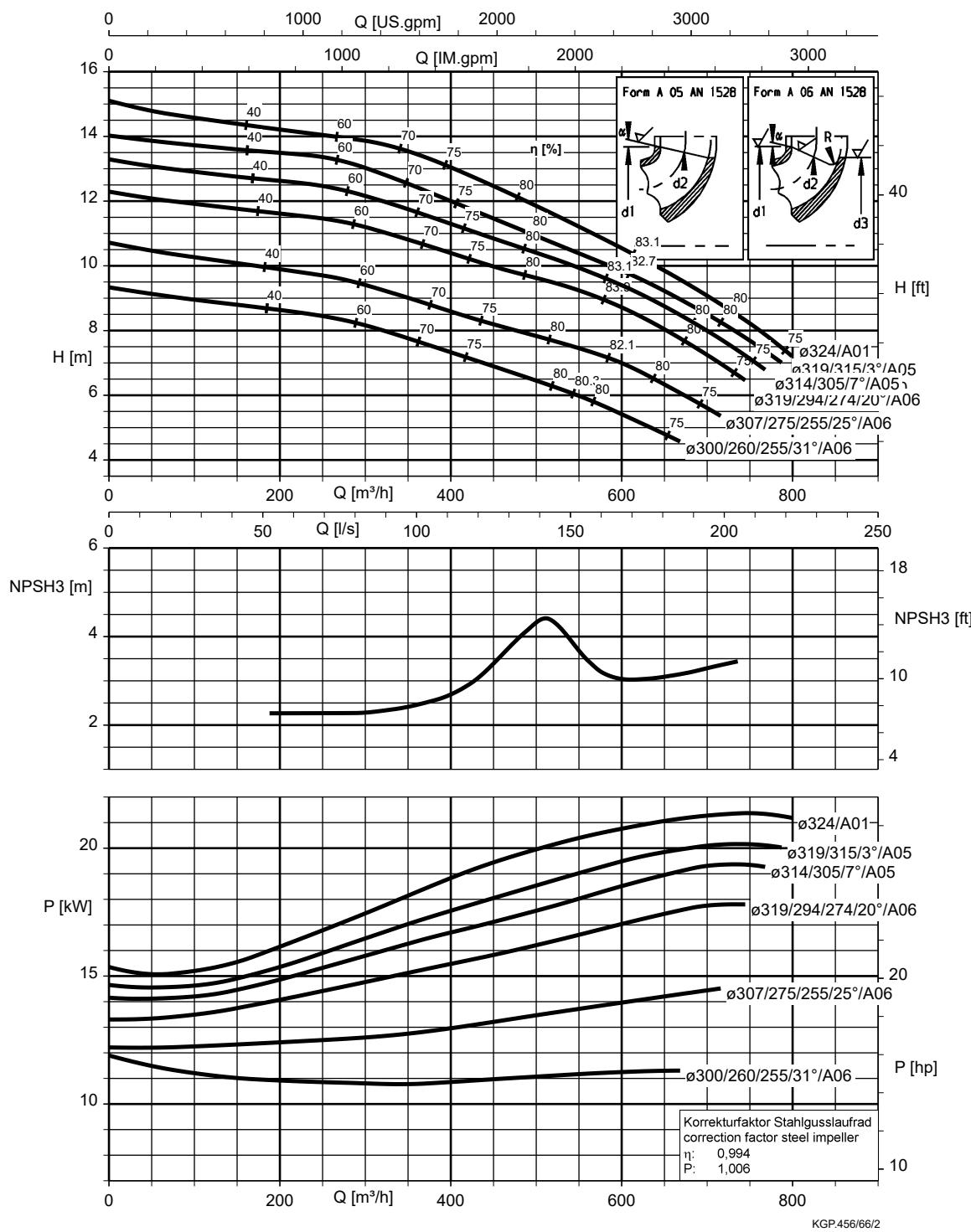
300-250-295.1, n = 960 rpm

MegaCPK



300-250-315, n = 960 rpm

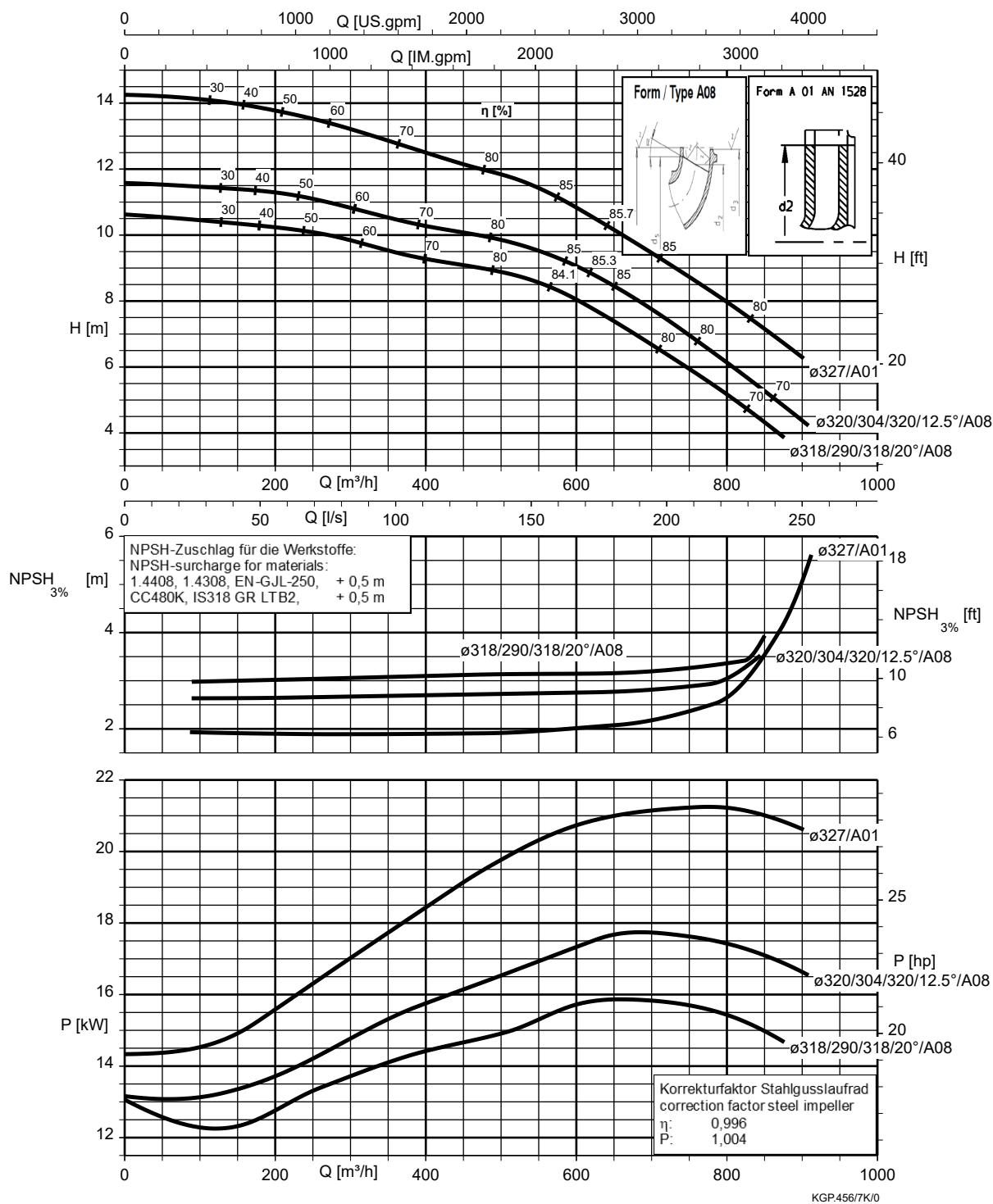
HPK-L, Magnochem, MegaCPK, Meganorm



KGP.456/66/2

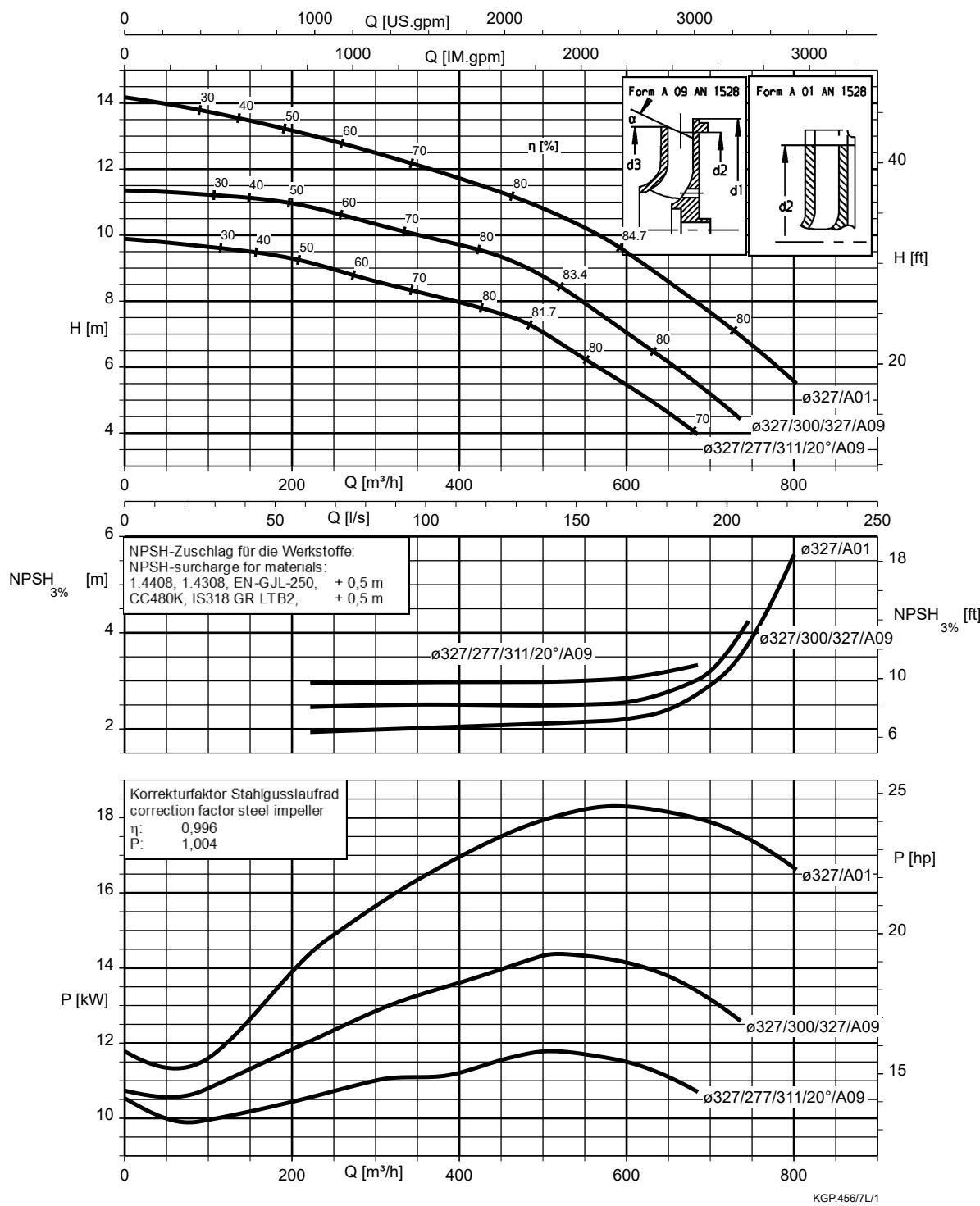
300-250-320, n = 960 rpm

MegaCPK



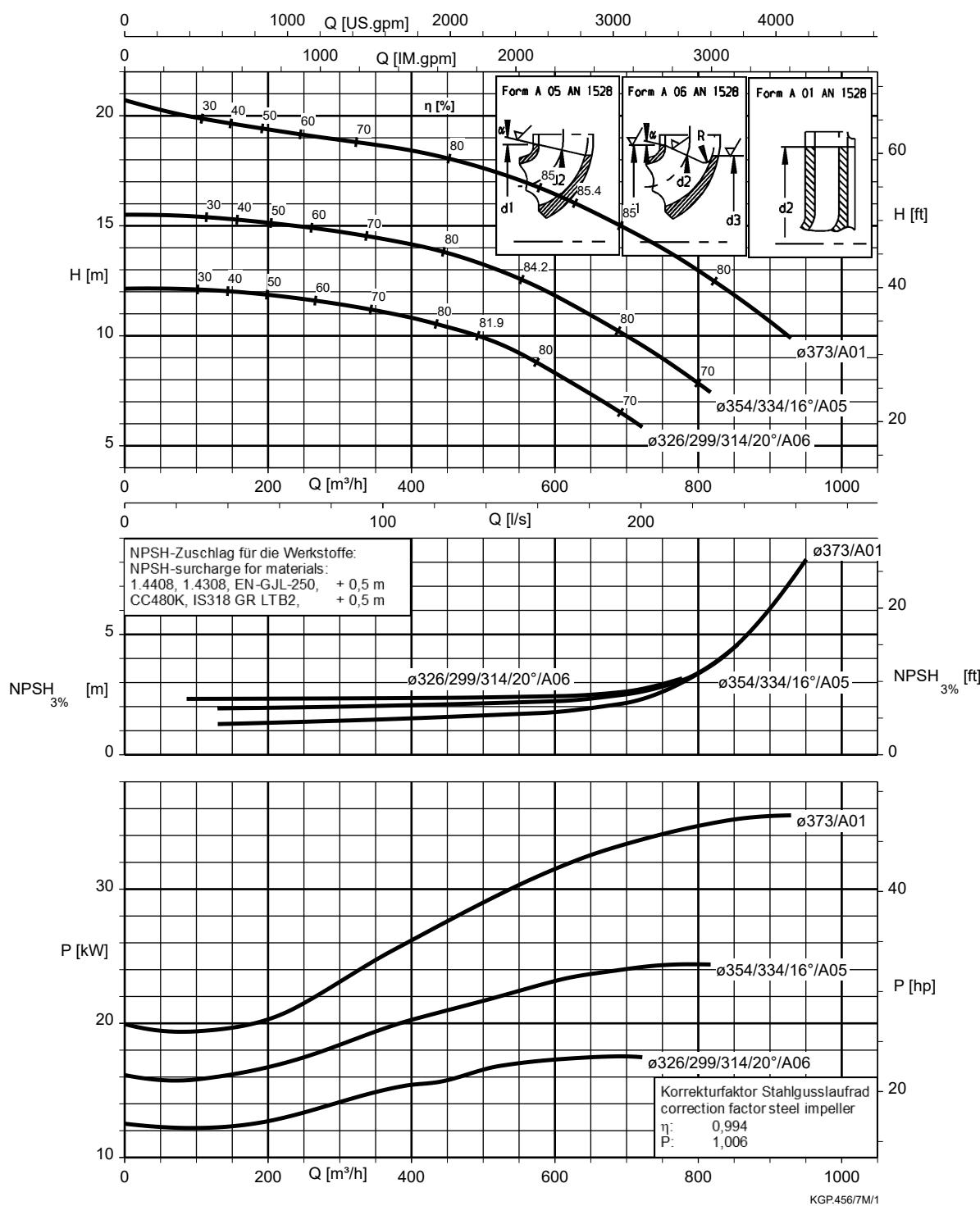
300-250-320.1, n = 960 rpm

MegaCPK



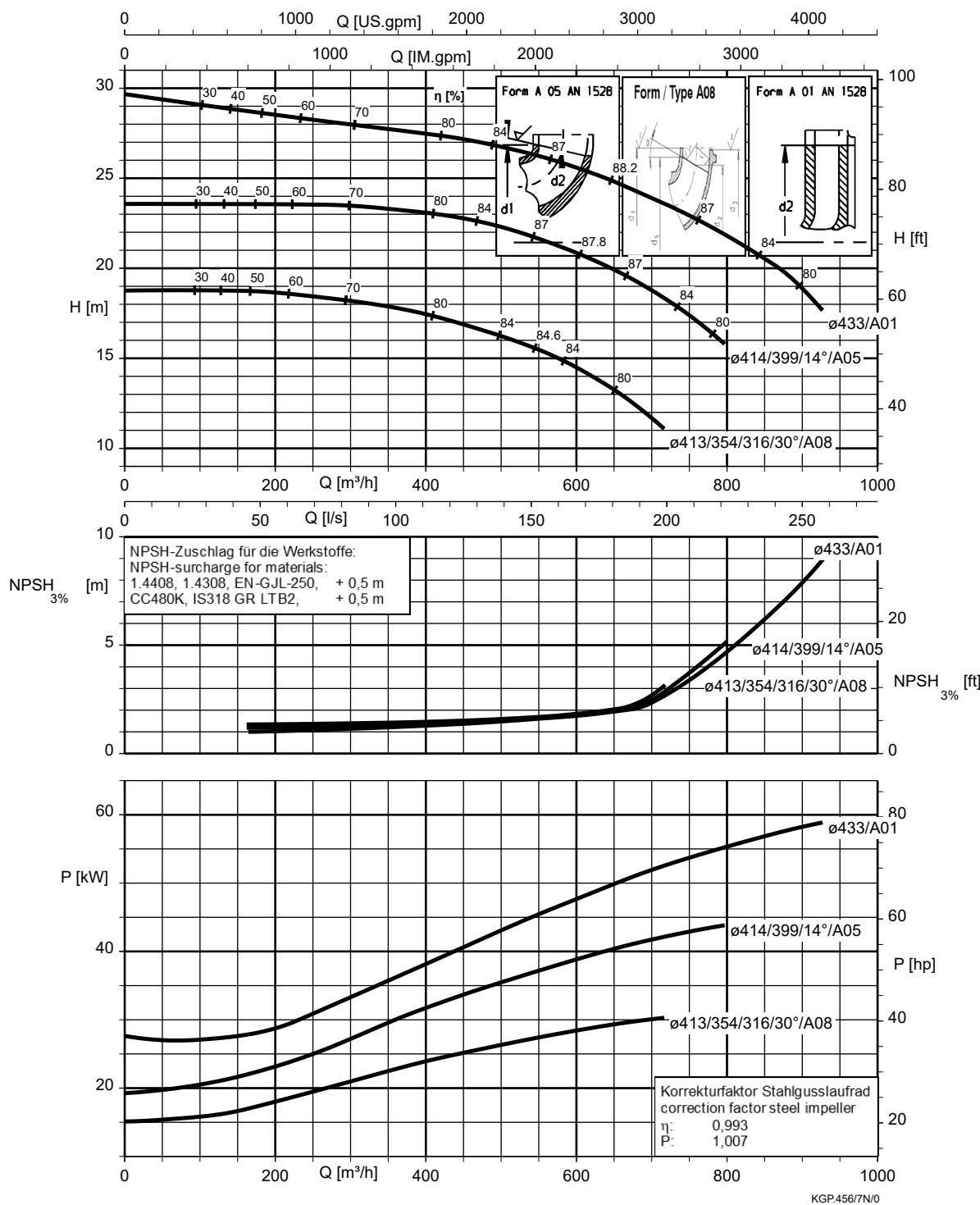
300-250-375, n = 960 rpm

MegaCPK



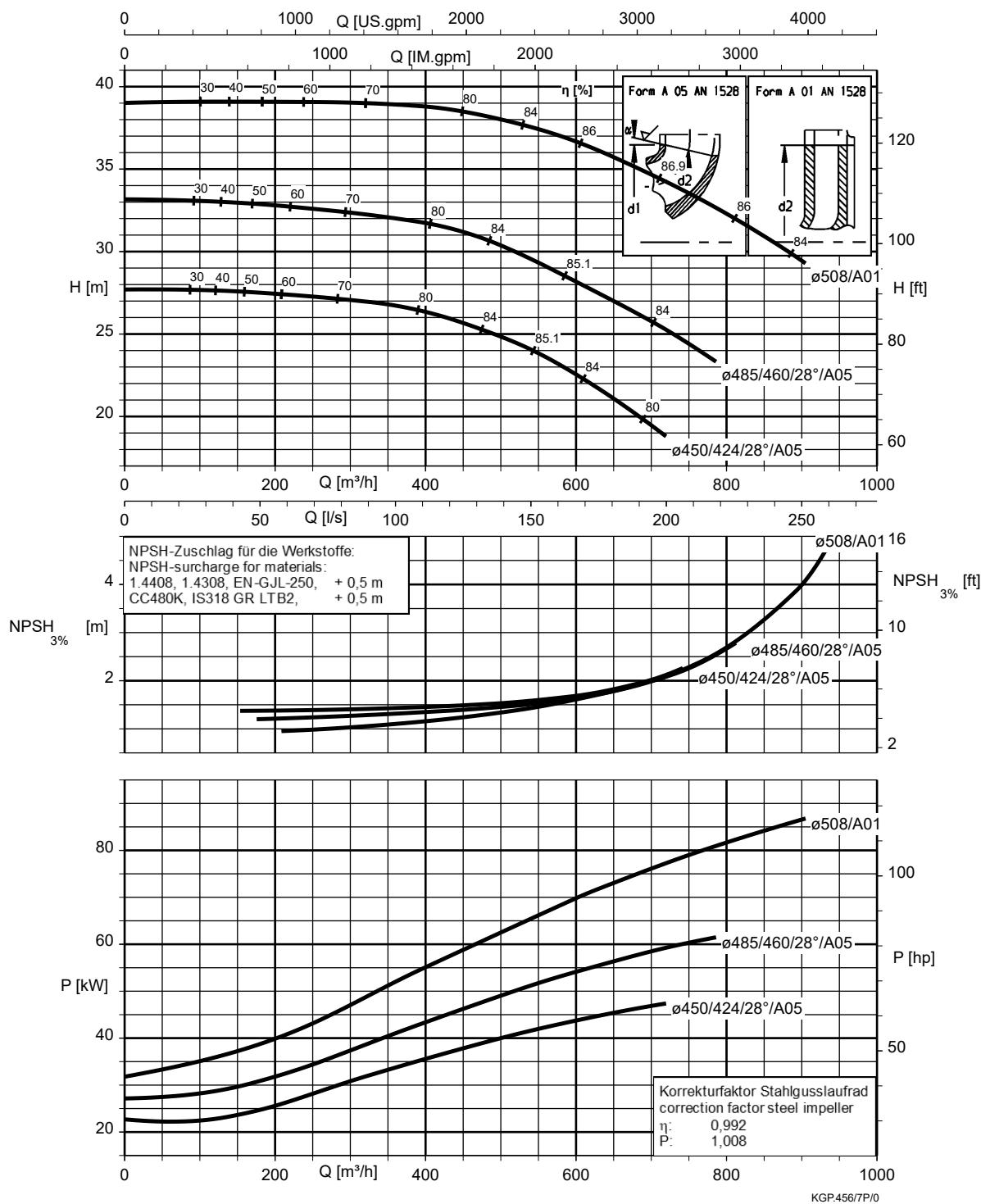
300-250-435, n = 960 rpm

MegaCPK



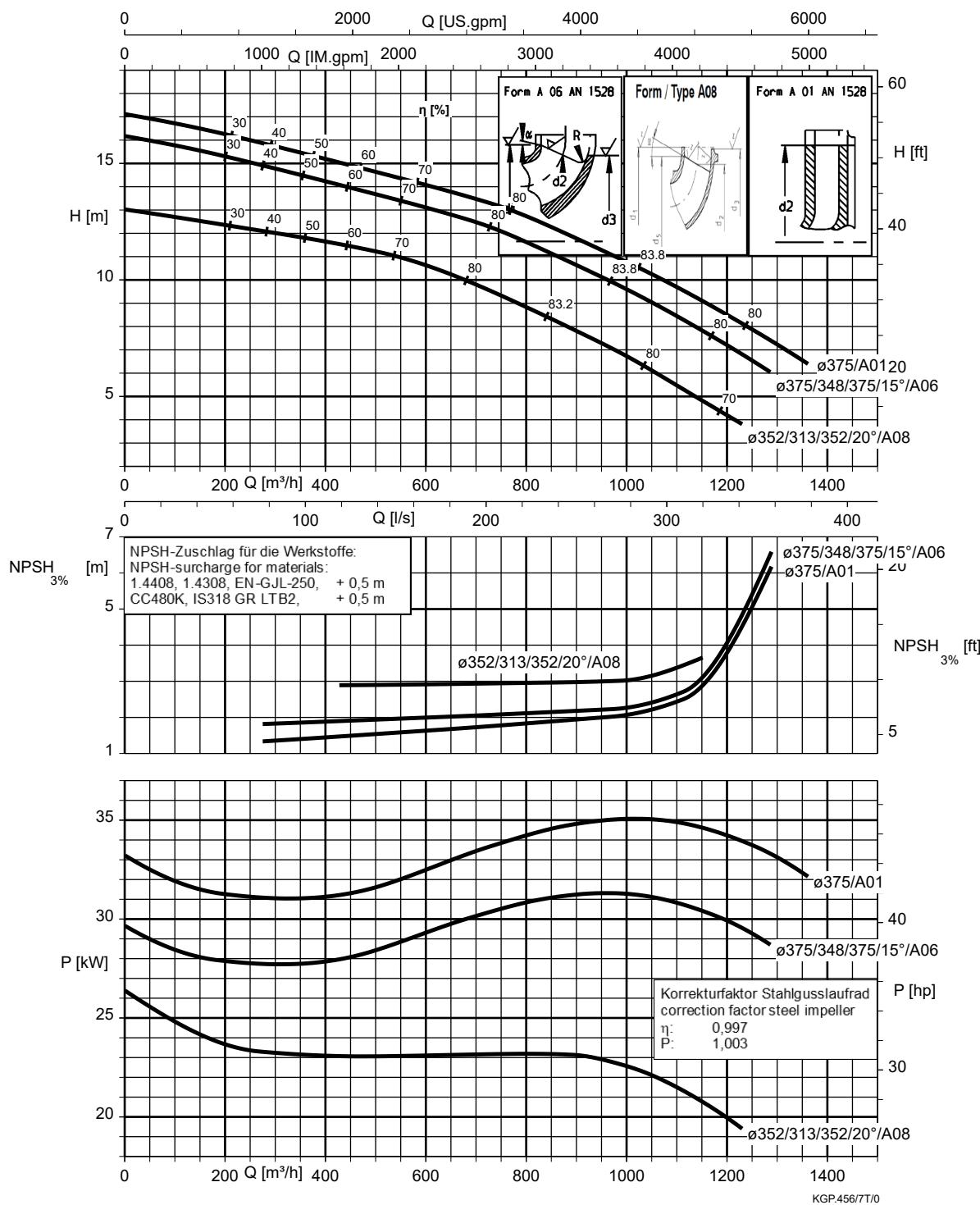
300-250-510, n = 960 rpm

MegaCPK



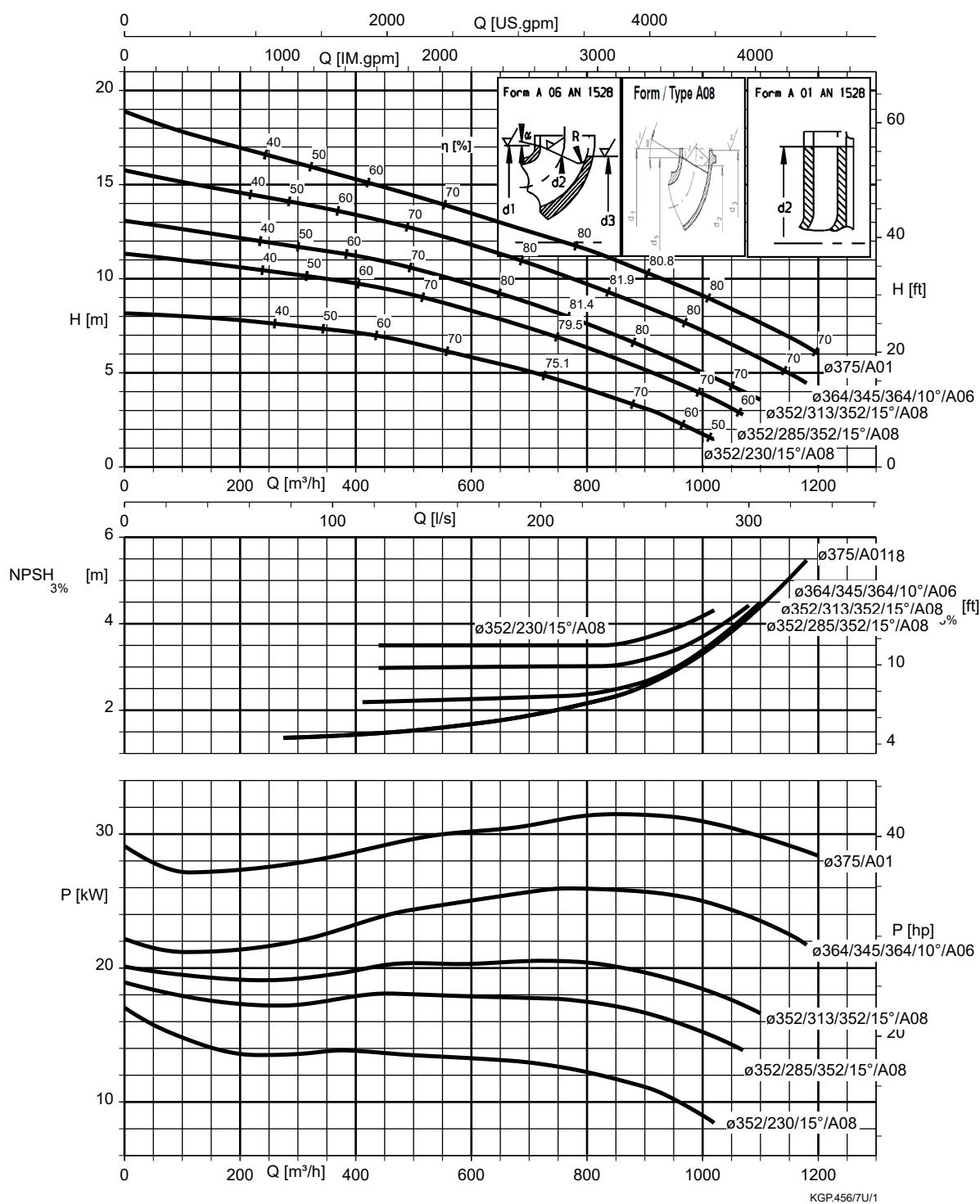
350-300-350, n = 960 rpm

MegaCPK



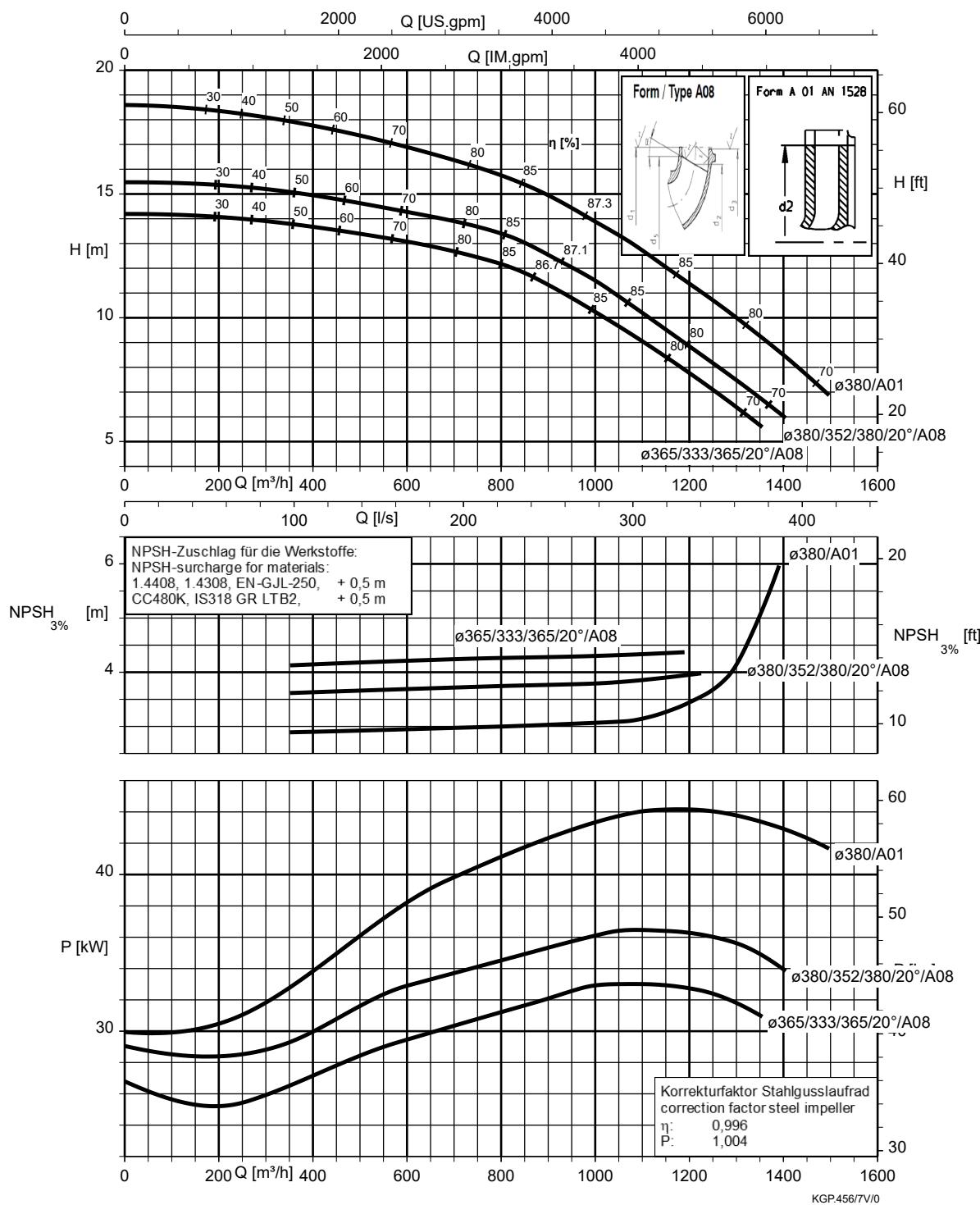
350-300-350.1, n = 960 rpm

MegaCPK



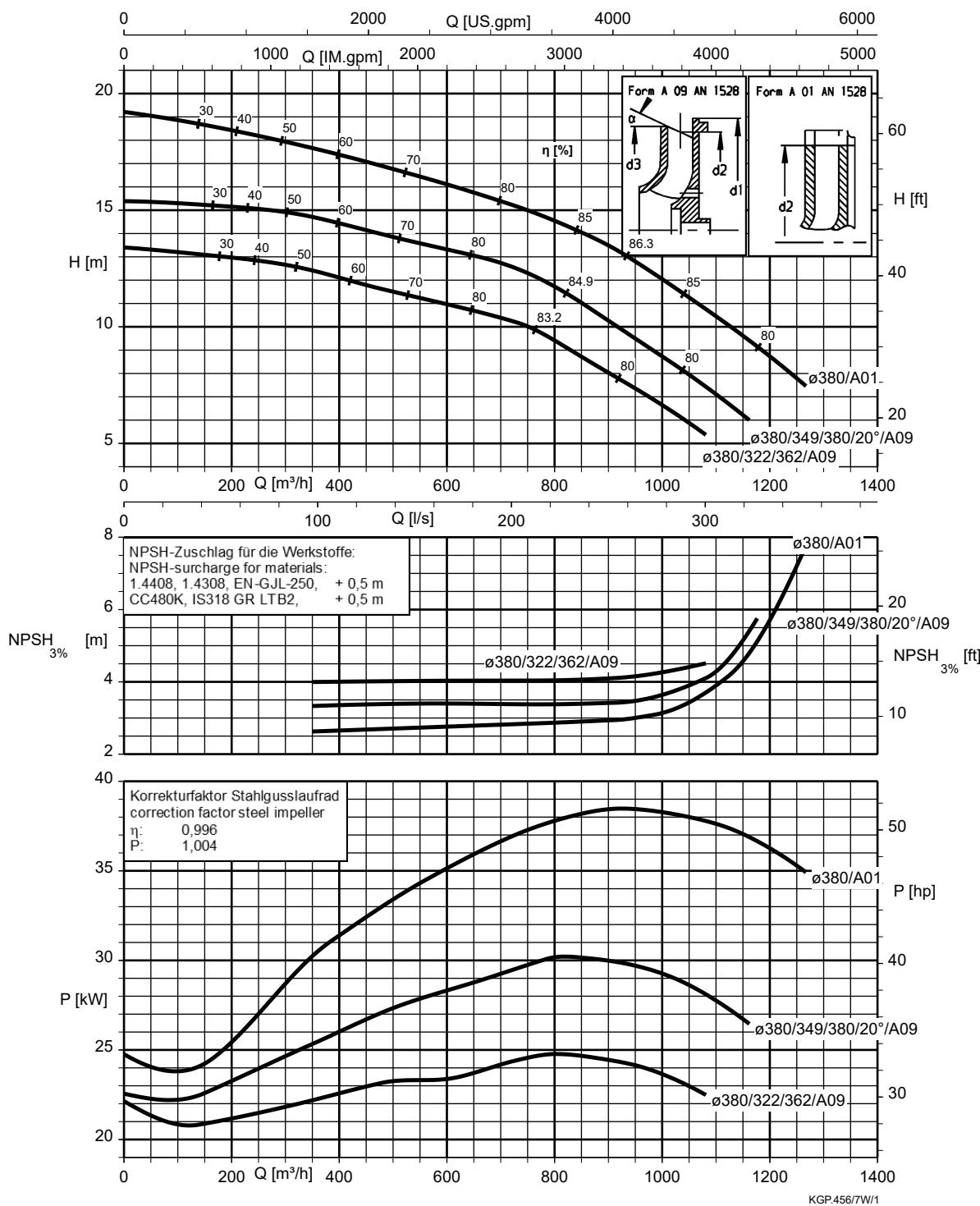
350-300-375, n = 960 rpm

MegaCPK



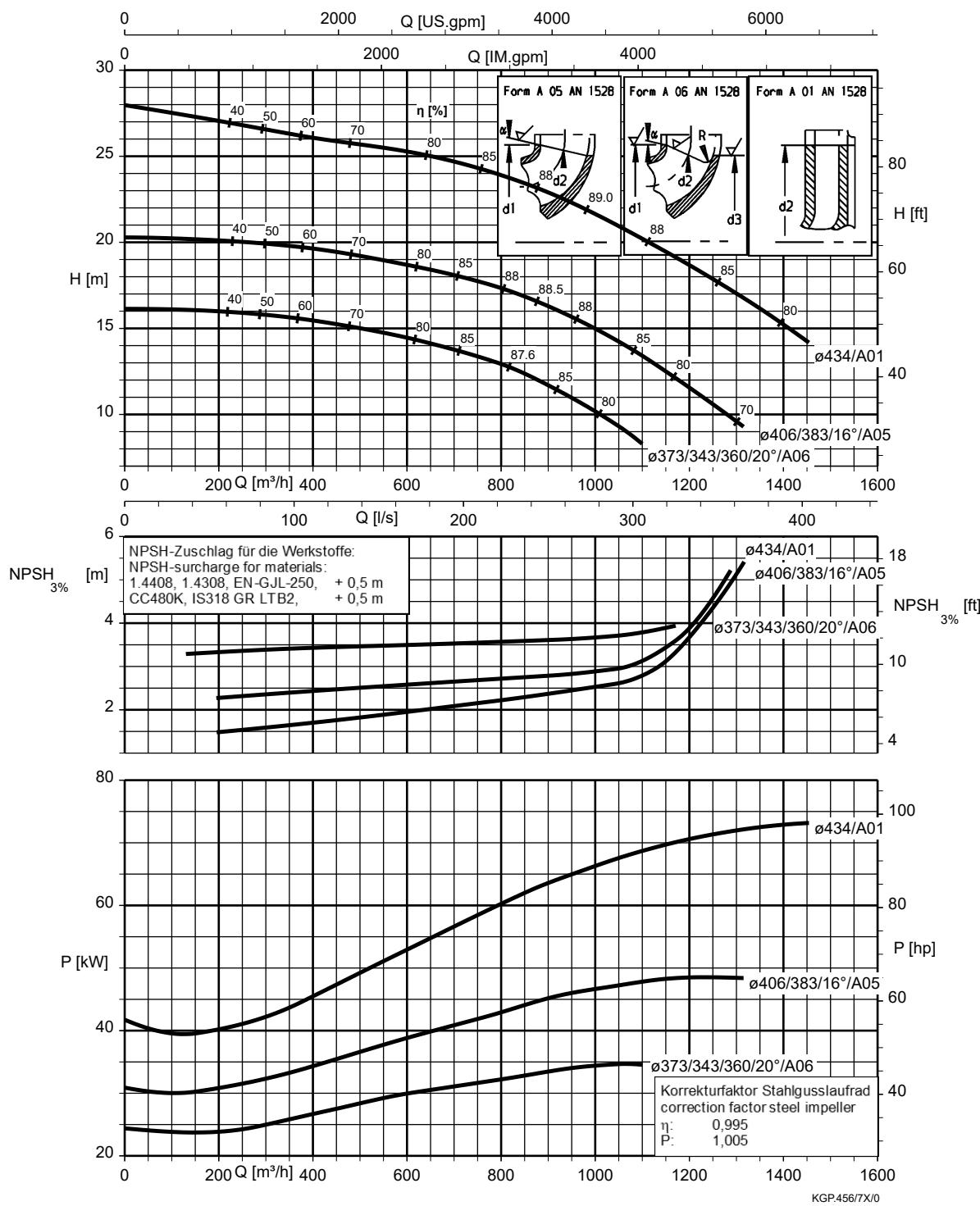
350-300-375.1, n = 960 rpm

MegaCPK



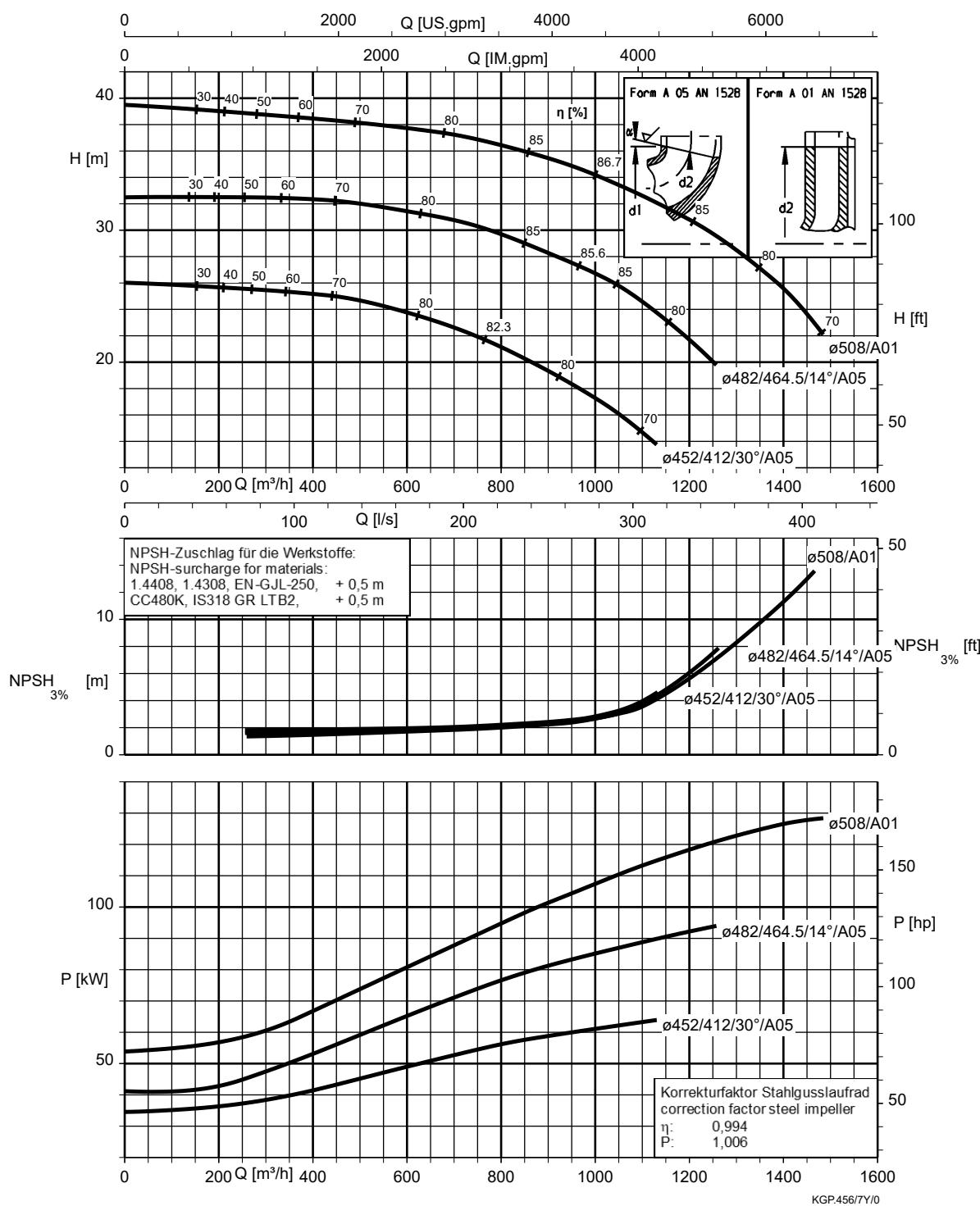
350-300-435, n = 960 rpm

MegaCPK



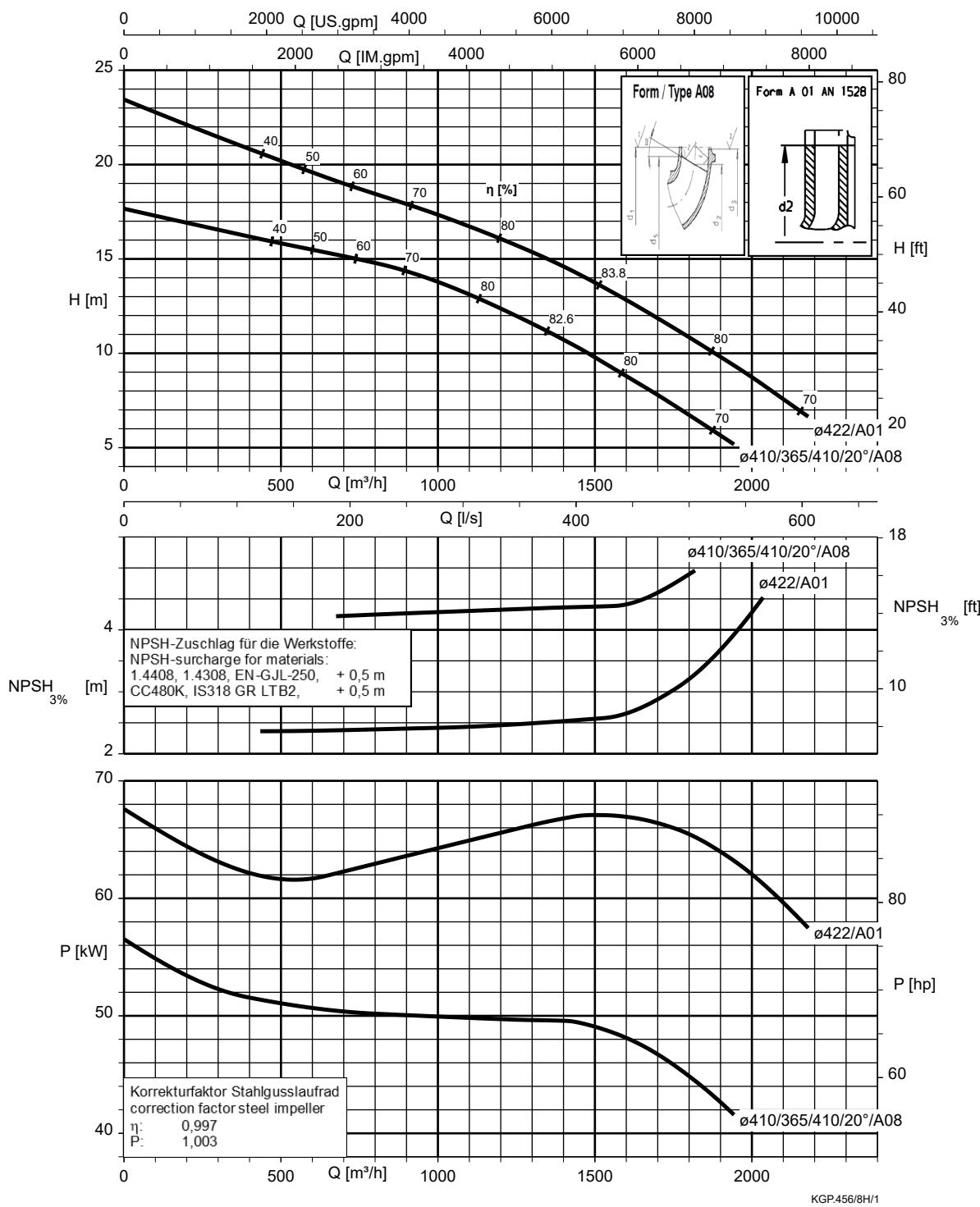
350-300-510, n = 960 rpm

MegaCPK



400-400-400, n = 960 rpm

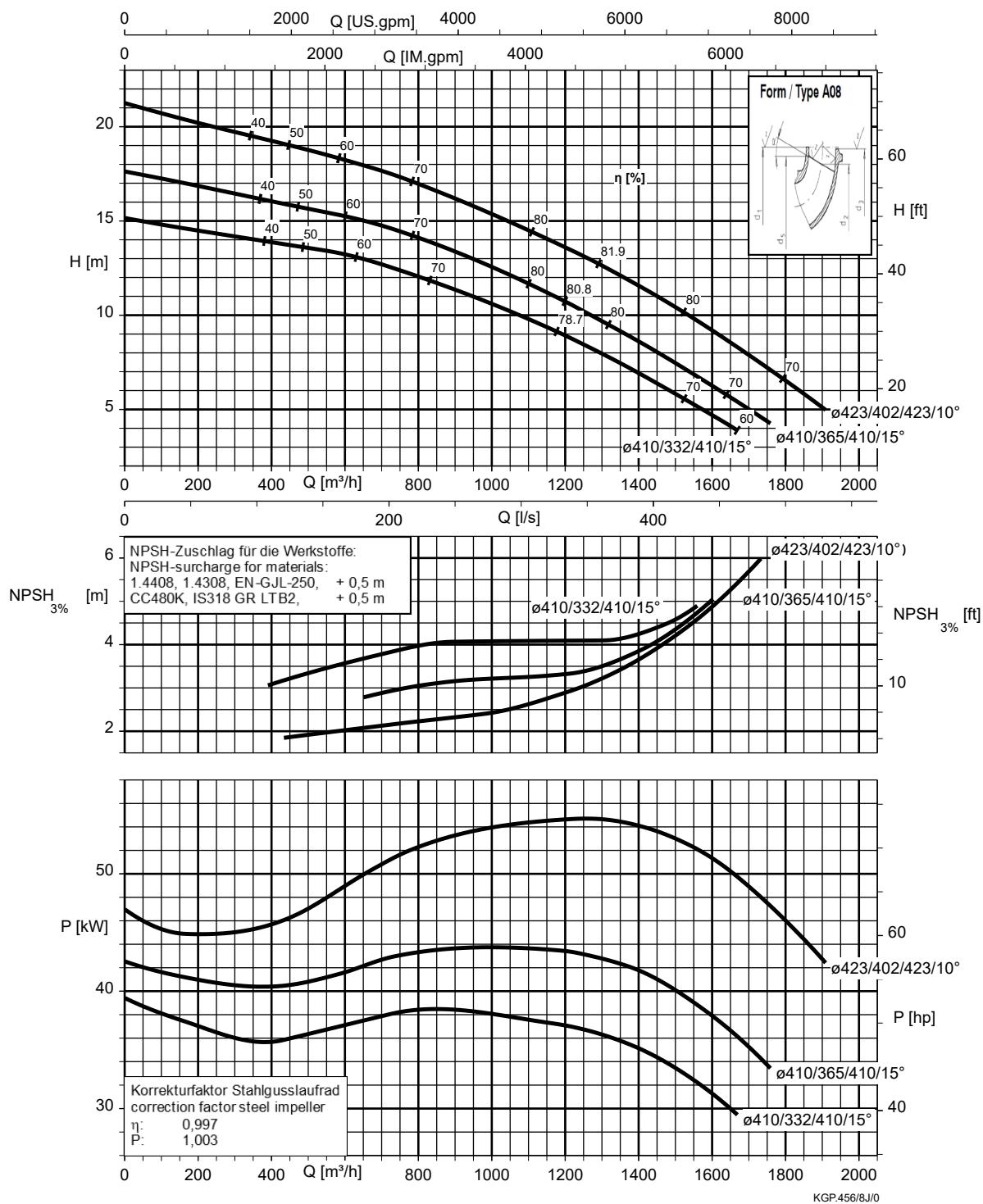
MegaCPK



KGP.456/8H/1

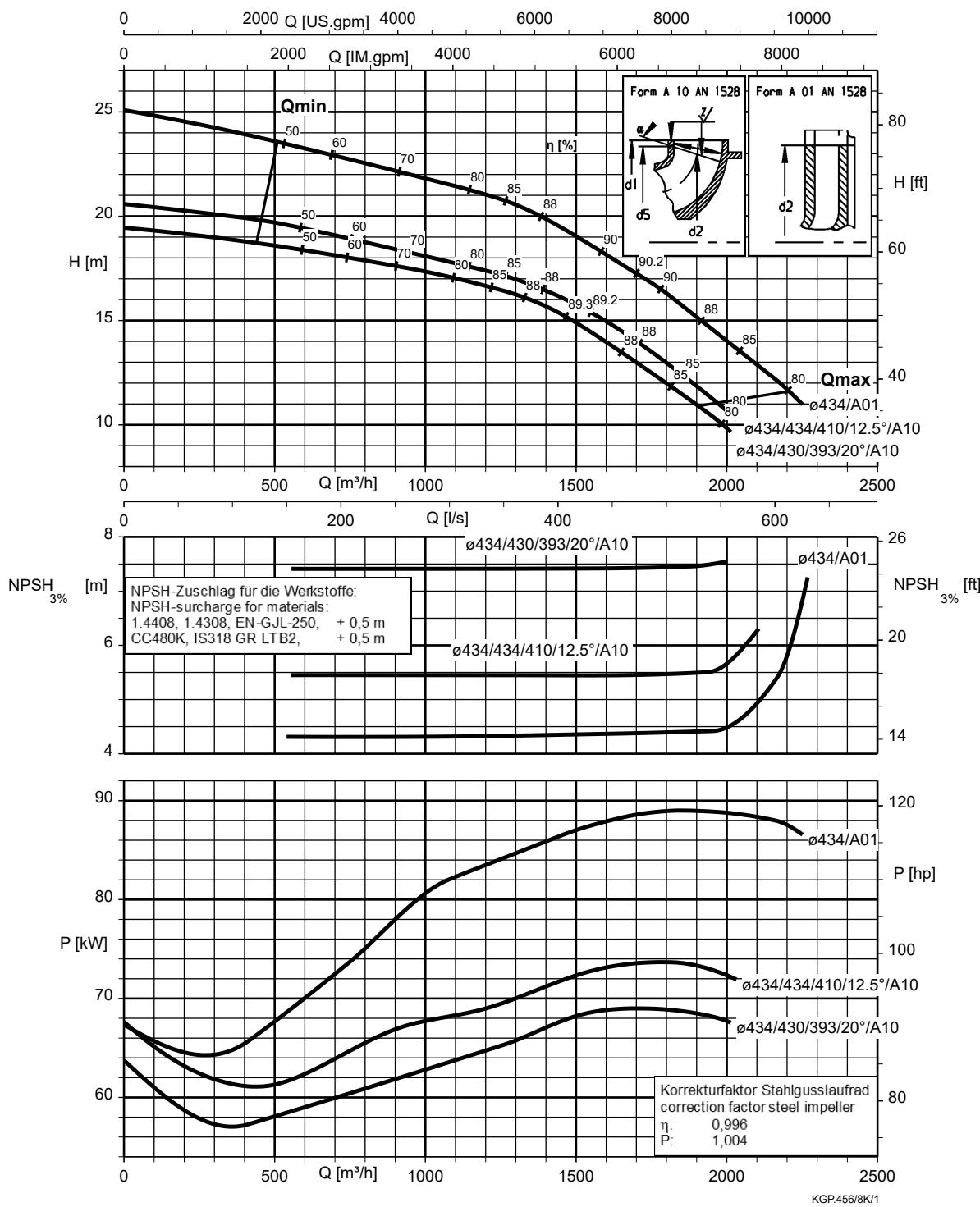
400-400-400.1, n = 960 rpm

MegaCPK



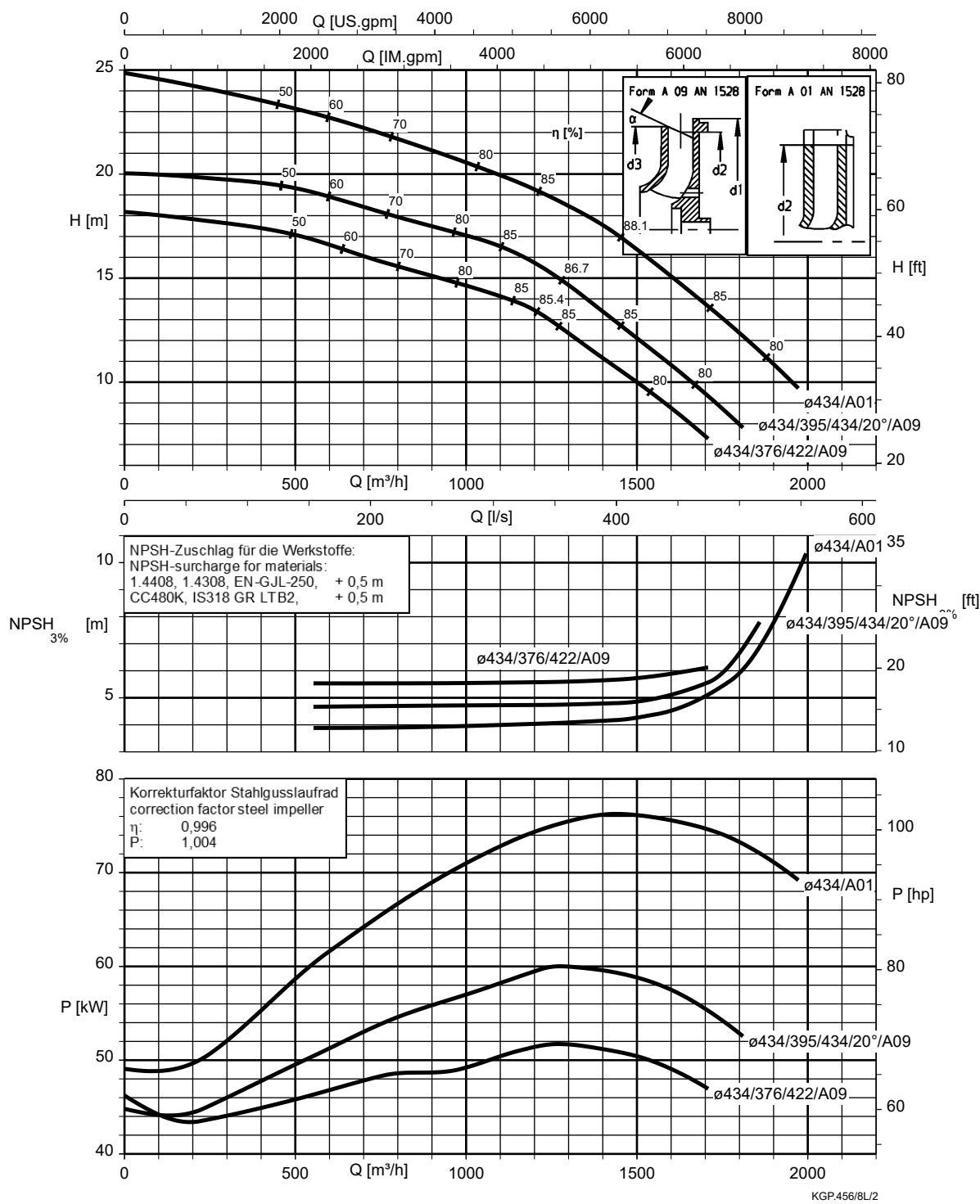
400-400-435, n = 960 rpm

MegaCPK



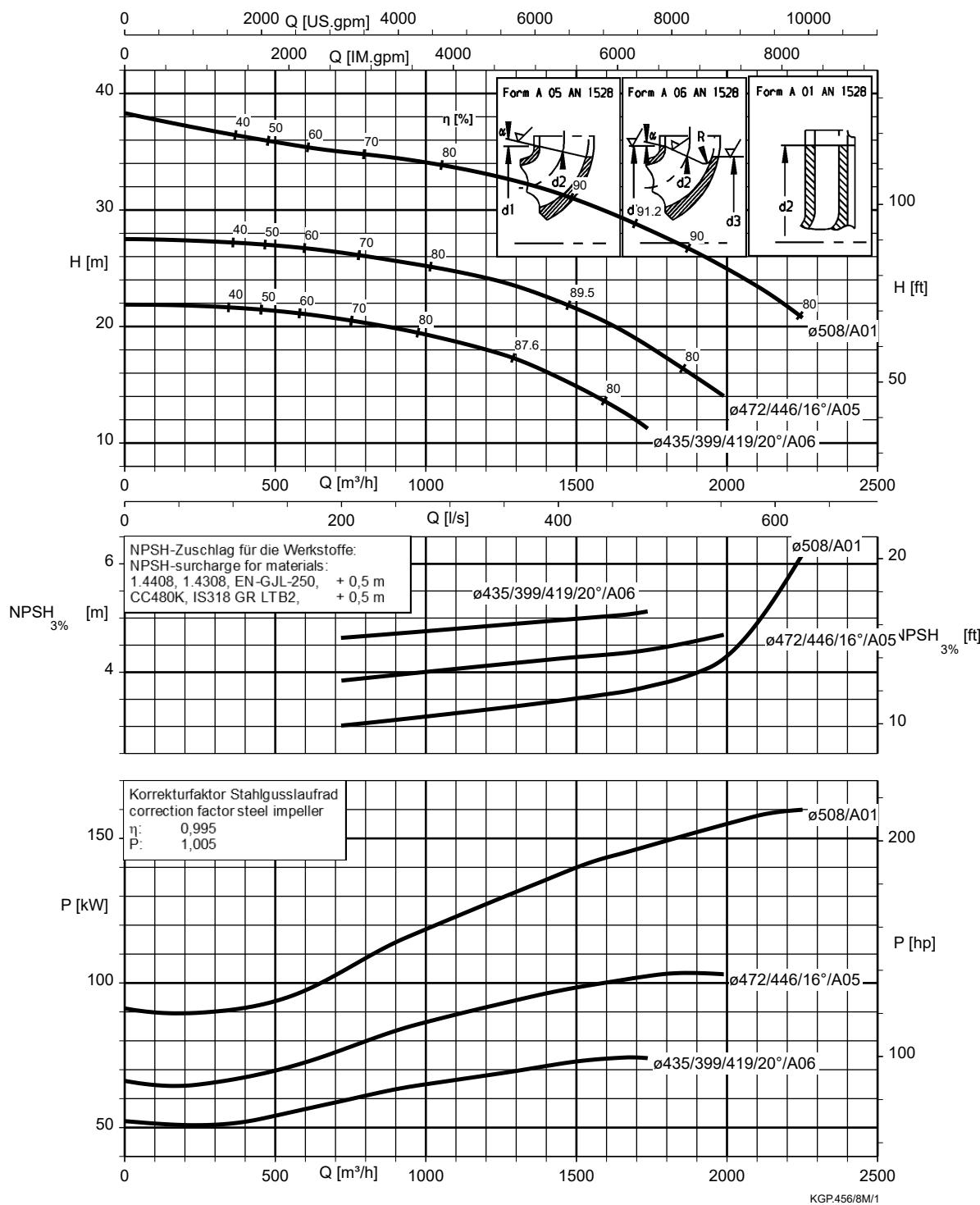
400-400-435.1, n = 960 rpm

MegaCPK



400-400-510, n = 960 rpm

MegaCPK





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