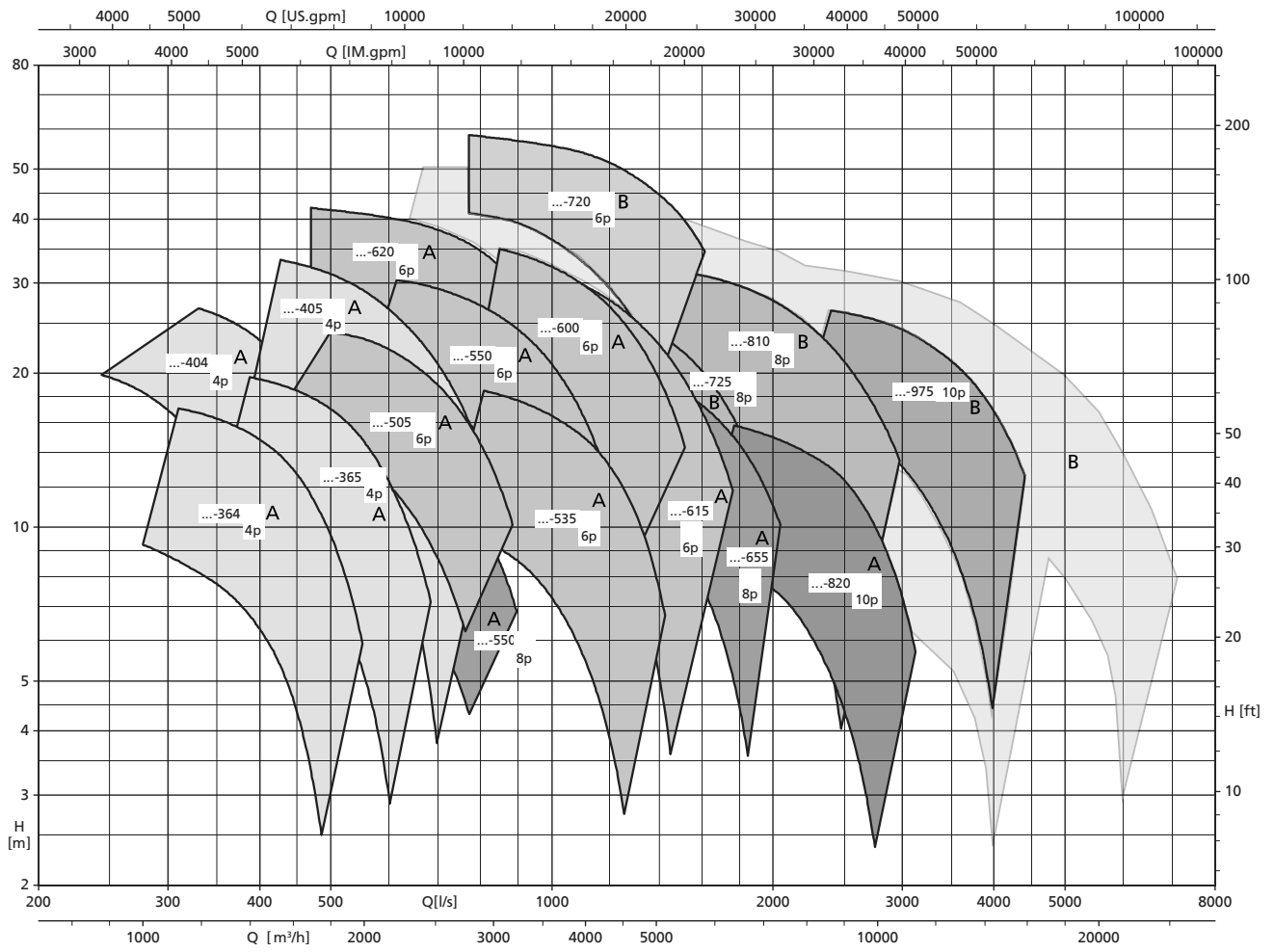


Selection chart

Amacan S, n = 1450 / 960 / 725 / 580 rpm



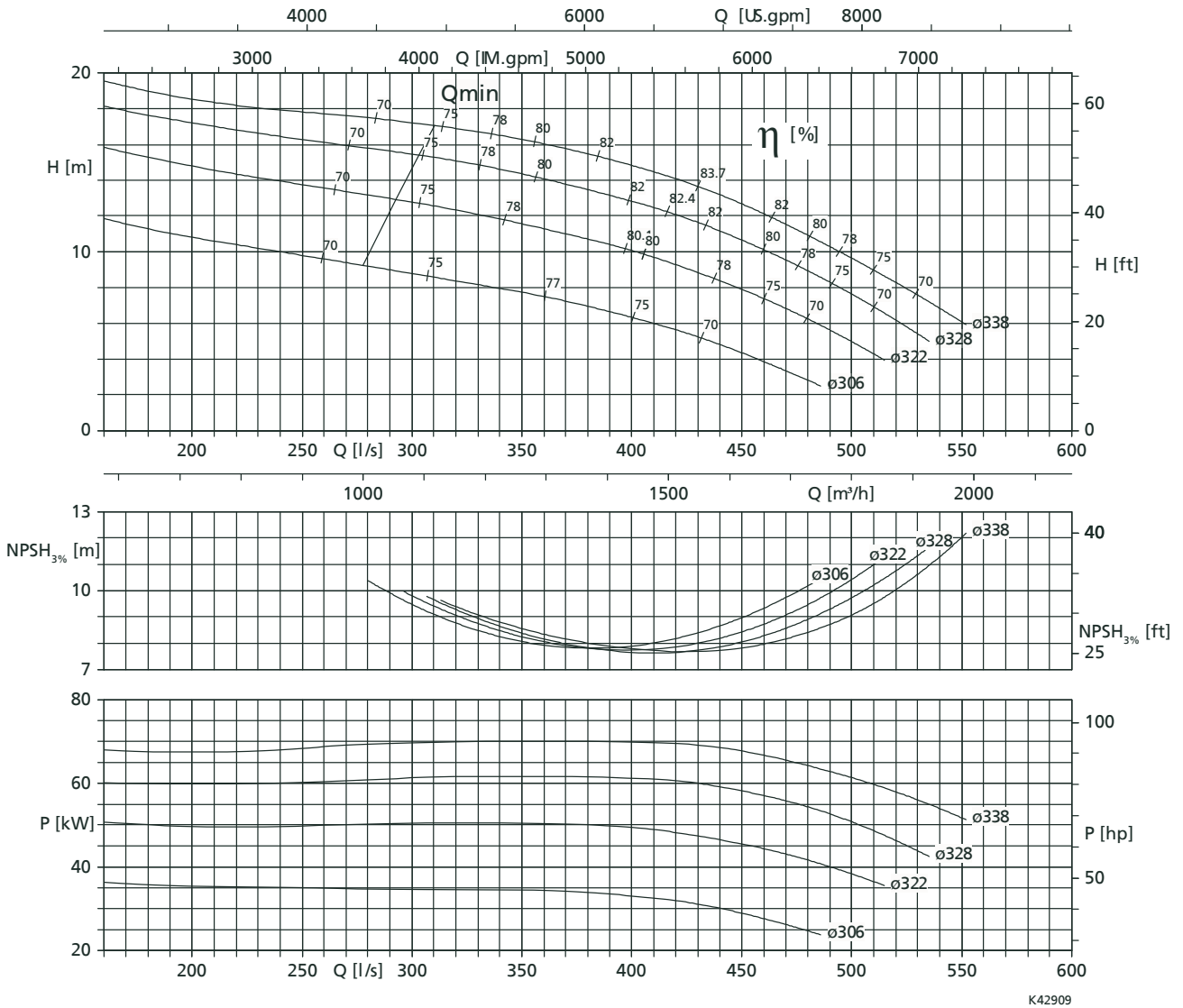
A	Standard range	B	Special range on request
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Characteristic curves

n = 1450 rpm

Amacan S 650-364, n = 1450 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



K42909

Free passage 39 mm in diameter

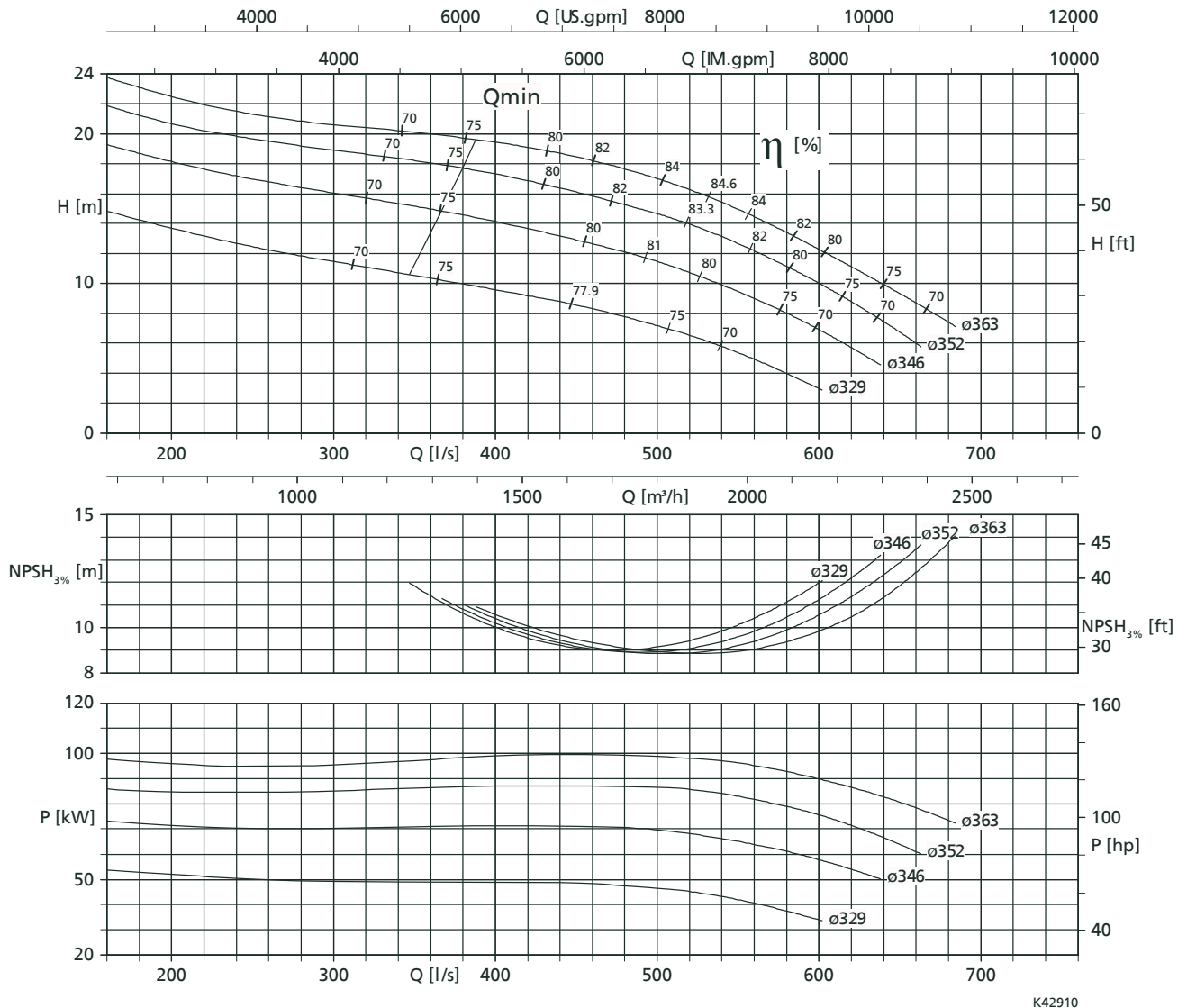
Rated power P_2 and mass moment of inertia $J^{20)}$

Size	Rated power P_2		Mass moment of inertia J
	[kW]		[kgm ²]
650-364 / 45 4 UAG	45		0,55
650-364 / 65 4 UAG	55		0,55
650-364 / 80 4 UAG	75		0,64

20) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

Amacan S 650-365, n = 1450 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



K42910

Free passage 39 mm in diameter

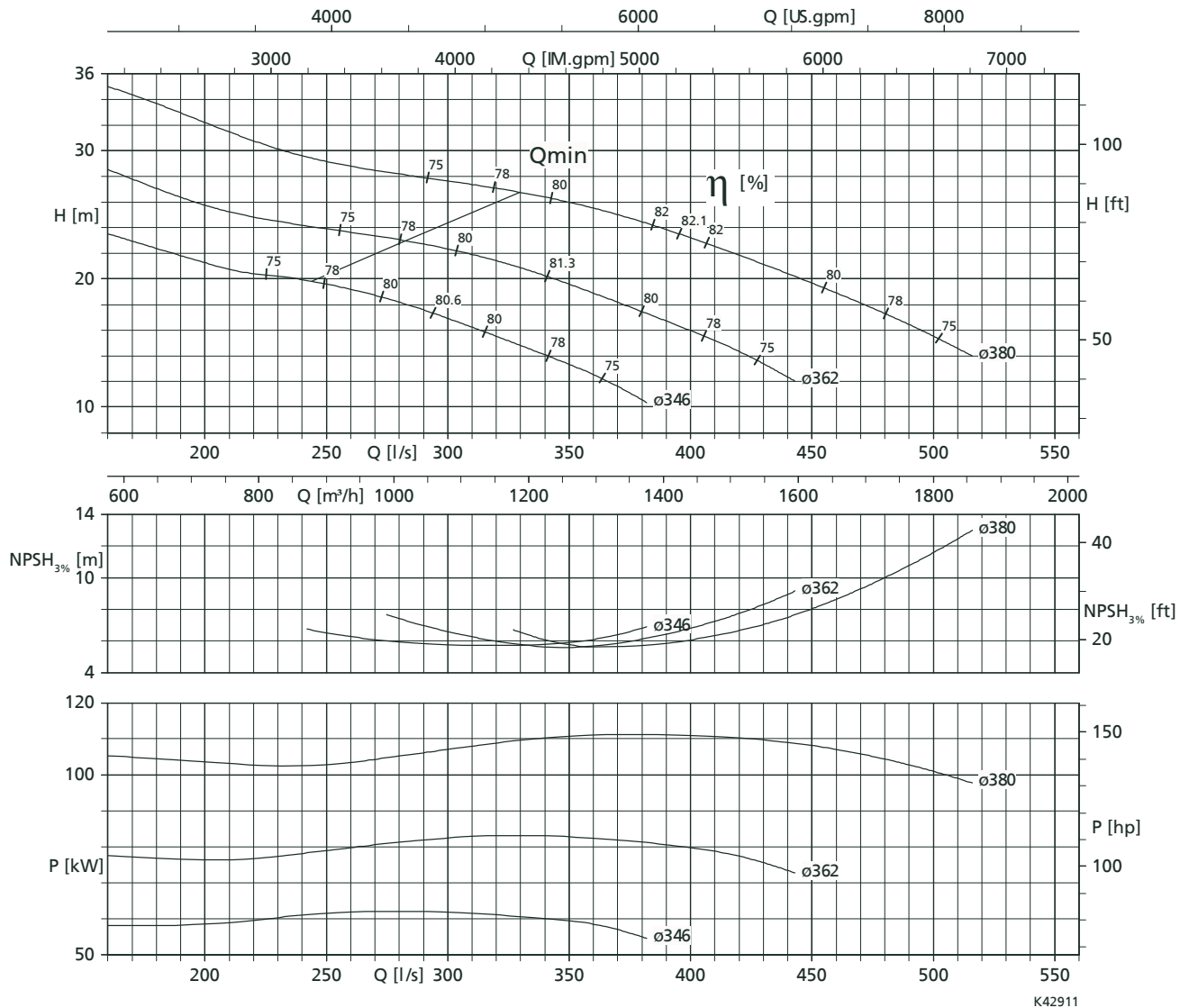
Rated power P_2 and mass moment of inertia $J^{21)}$

Size	Rated power P_2		Mass moment of inertia J	
	[kW]		[kgm ²]	
650-365 / 65 4 UAG	55		0,55	
650-365 / 80 4 UAG	75		0,64	
650-365 / 100 4 UAG	90		0,71	
650-365 / 120 4 UAG	110		0,79	

21) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

Amacan S 650-404, n = 1450 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



Free passage 42 mm in diameter

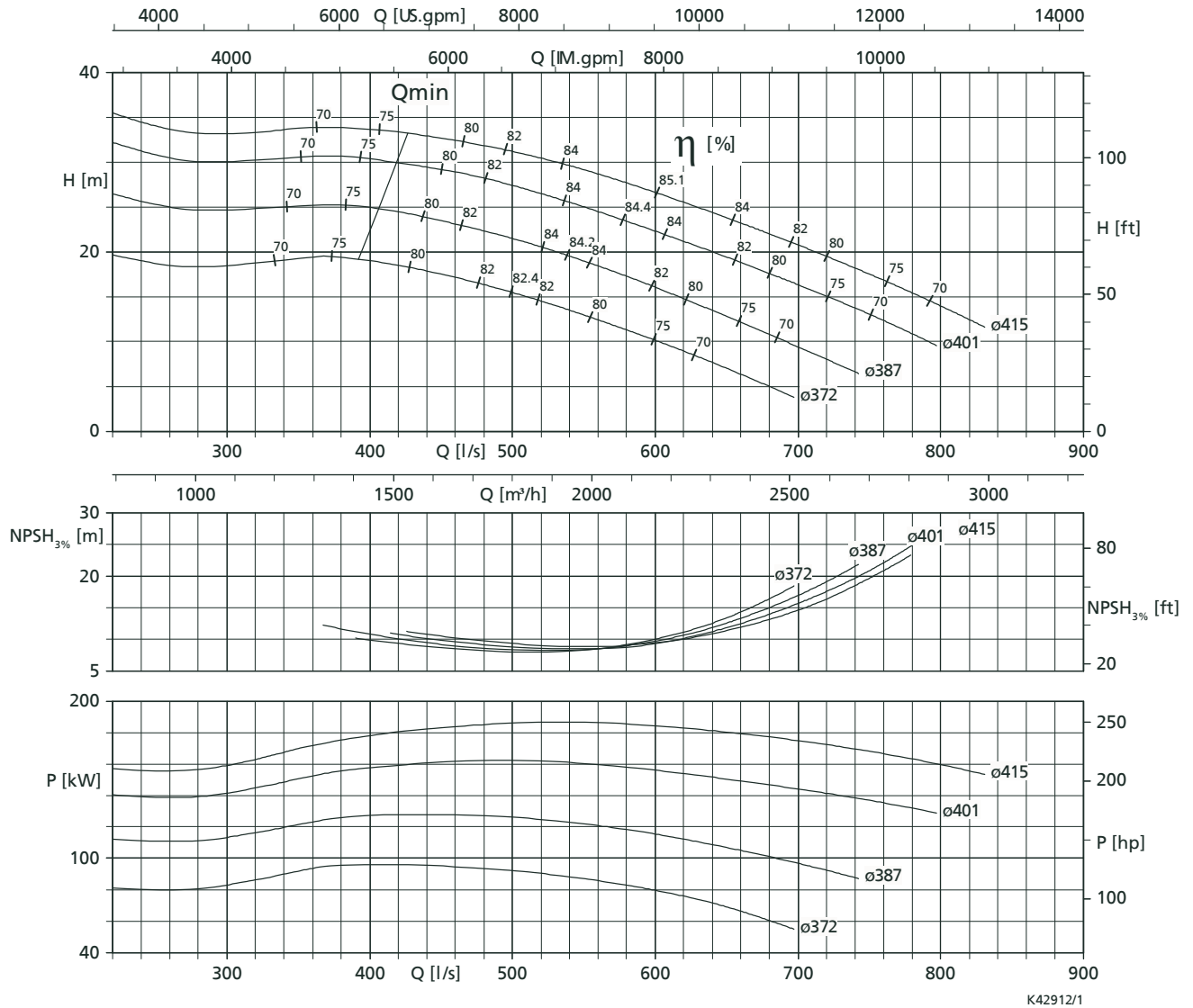
Rated power P_2 and mass moment of inertia $J^{22)}$

Size	Rated power P_2	Mass moment of inertia J
	[kW]	[kgm ²]
650-404 / 80 4 UAG	75	0,84
650-404 / 100 4 UAG	90	0,91
650-404 / 120 4 UAG	110	0,99
650-404 / 140 4 UAG	135	1,03

22) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

Amacan S 650-405, n = 1450 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



K42912/1

Free passage 42 mm in diameter

Rated power P_2 and mass moment of inertia $J^{23)}$

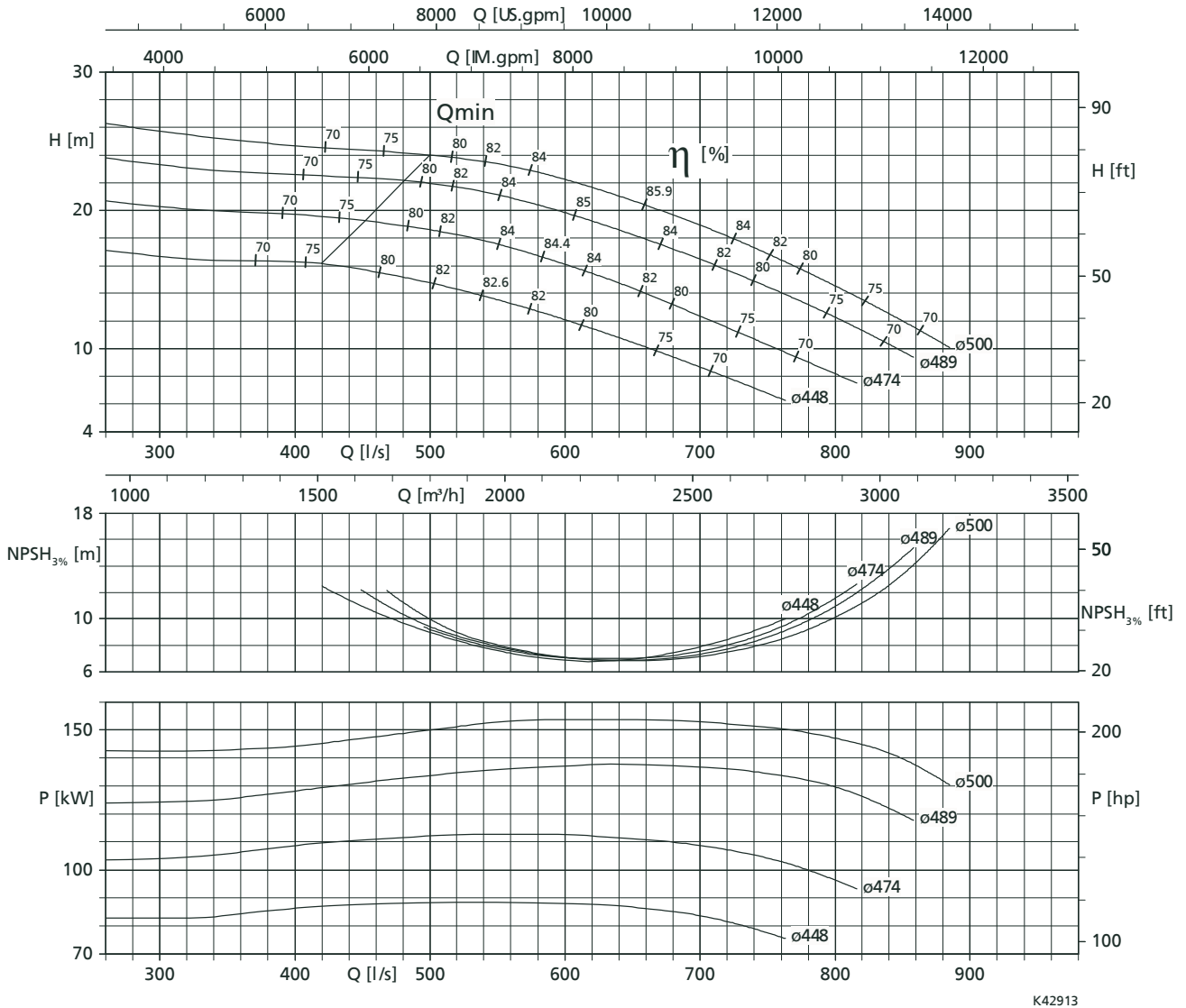
Size	Rated power P_2	Mass moment of inertia J
	[kW]	[kgm ²]
650-405 / 120 4 UAG	110	1,10
650-405 / 140 4 UAG	135	1,15
650-405 / 160 4 UAG	150	1,70
650-405 / 180 4 UAG	180	1,82
650-405 / 200 4 UAG	200	2,00
650-405 / 220 4 UAG	220	2,11

23) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

n = 960 rpm

Amacan S 800-505, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



Free passage 57 mm in diameter

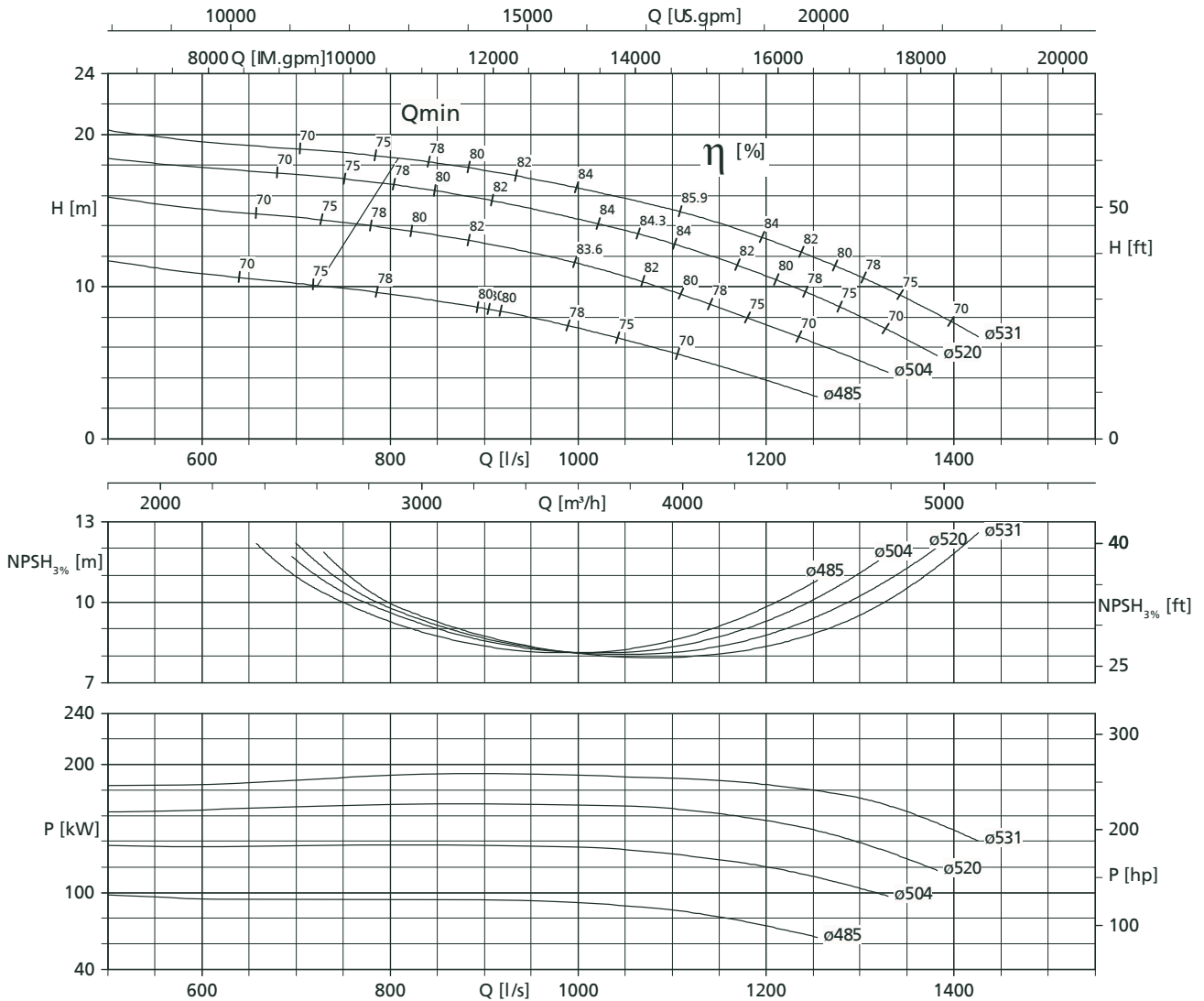
Rated power P₂ and mass moment of inertia J²⁴⁾

Size	Rated power P ₂	Mass moment of inertia J
	[kW]	[kgm ²]
800-505 / 100 6 UAG	95	2,21
800-505 / 120 6 UAG	110	2,28
800-505 / 140 6 UAG	125	2,44
800-505 / 150 6 UAG	150	3,28
800-505 / 175 6 UAG	175	3,60

24) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

Amacan S 800-535 / 850-535, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



K42914

Free passage 72 mm in diameter

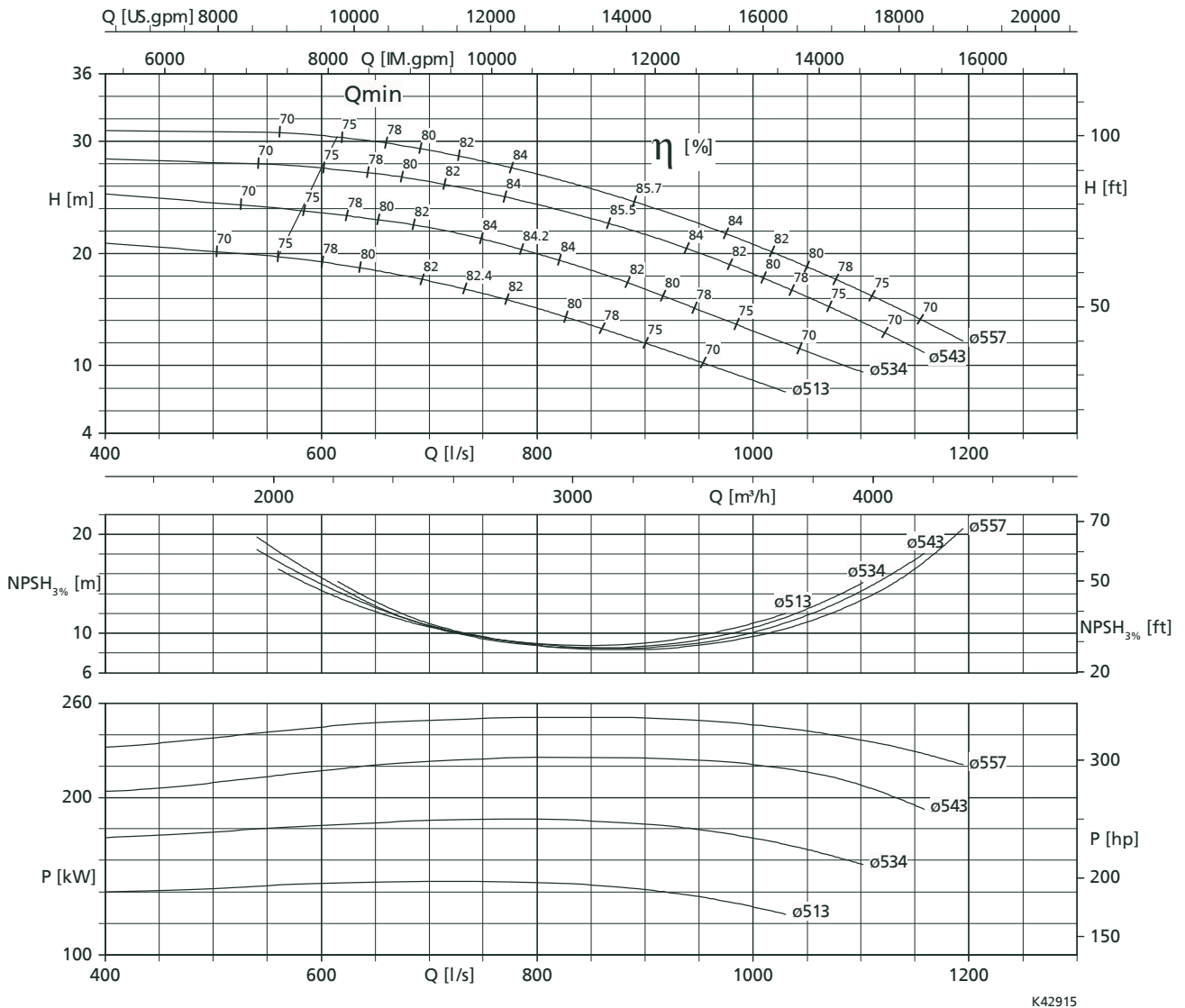
Rated power P_2 and mass moment of inertia $J^{25)}$

Size	Rated power P_2	Mass moment of inertia J
	[kW]	[kgm ²]
800-535 / 120 6 UTG	115	2,3
800-535 / 155 6 UTG	155	3,3
800-535 / 180 6 UTG	180	3,6
800-535 / 205 6 UTG	205	3,9
850-535 / 250 6 UTG	250	8,6

25) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

Amacan S 850-550, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



Free passage 72 mm in diameter

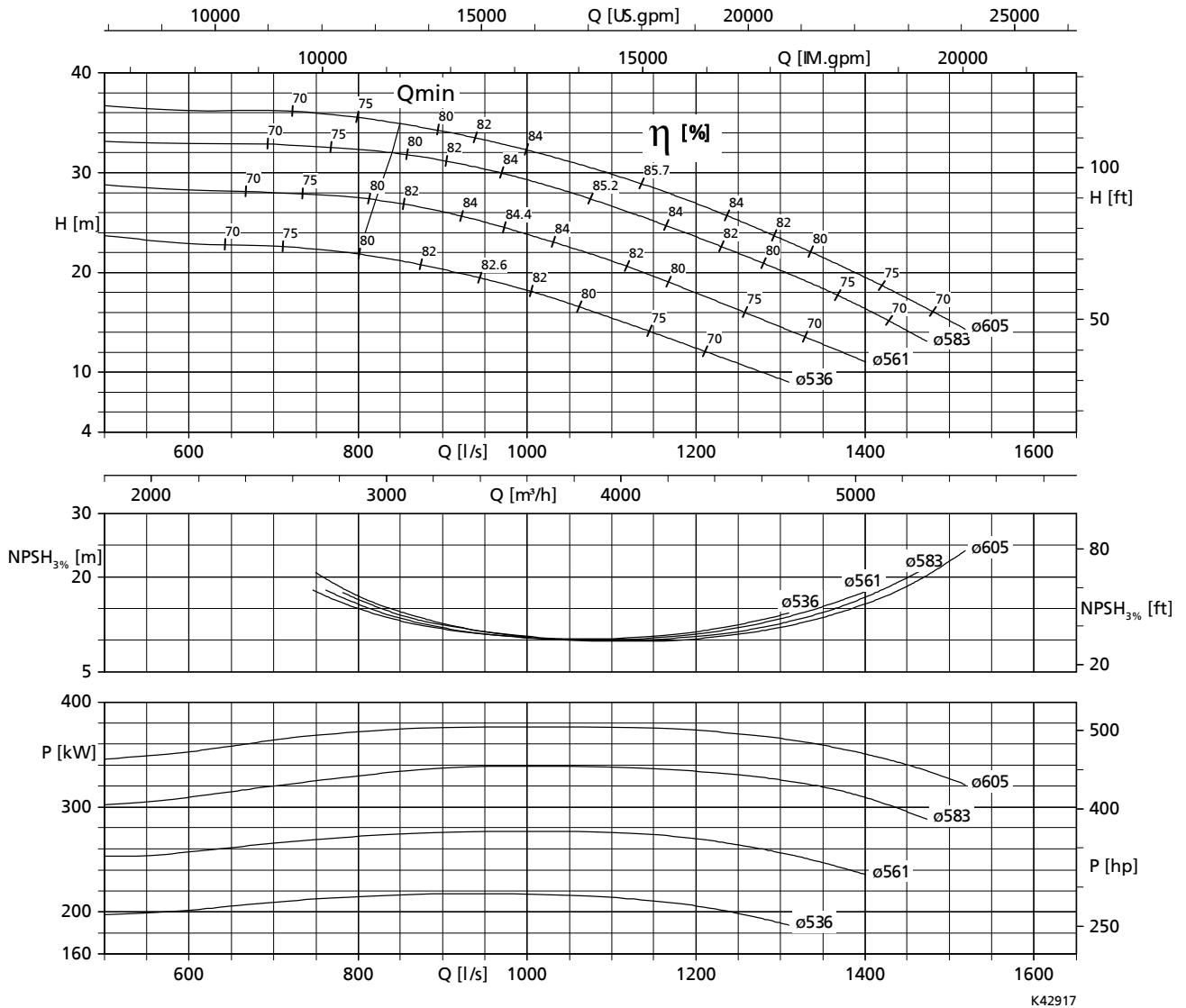
Rated power P_2 and mass moment of inertia $J^{26)}$

Size	Rated power P_2	Mass moment of inertia J
	[kW]	[kgm ²]
850-550 / 155 6 UTG	155	4,7
850-550 / 180 6 UTG	180	5,0
850-550 / 205 6 UTG	205	5,3
850-550 / 250 6 UTG	250	9,9
850-550 / 290 6 UTG	290	11,2

26) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

Amacan S 900-600 / 1000-600, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



Free passage 72 mm in diameter

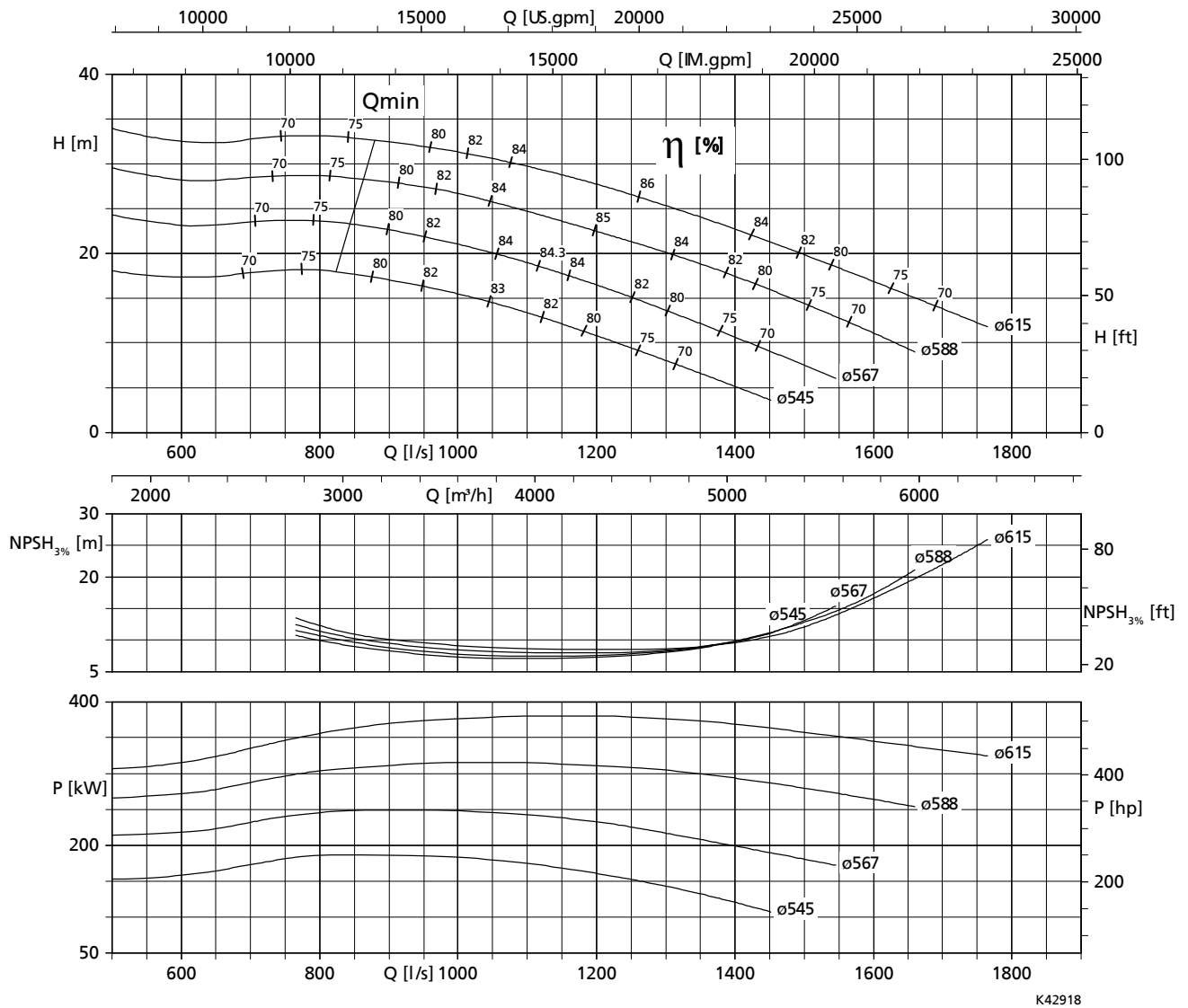
Rated power P_2 and mass moment of inertia $J^{27)}$

Size	Rated power P_2	Mass moment of inertia J
	[kW]	[kgm ²]
900-600 / 250 6 UTG	250	10,8
900-600 / 290 6 UTG	290	12,1
900-600 / 340 6 UTG	340	13,4
1000-600 / 415 6 UTG	415	17,9

27) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

Amacan S 900-615 / 1000-615, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



Free passage 67 mm in diameter

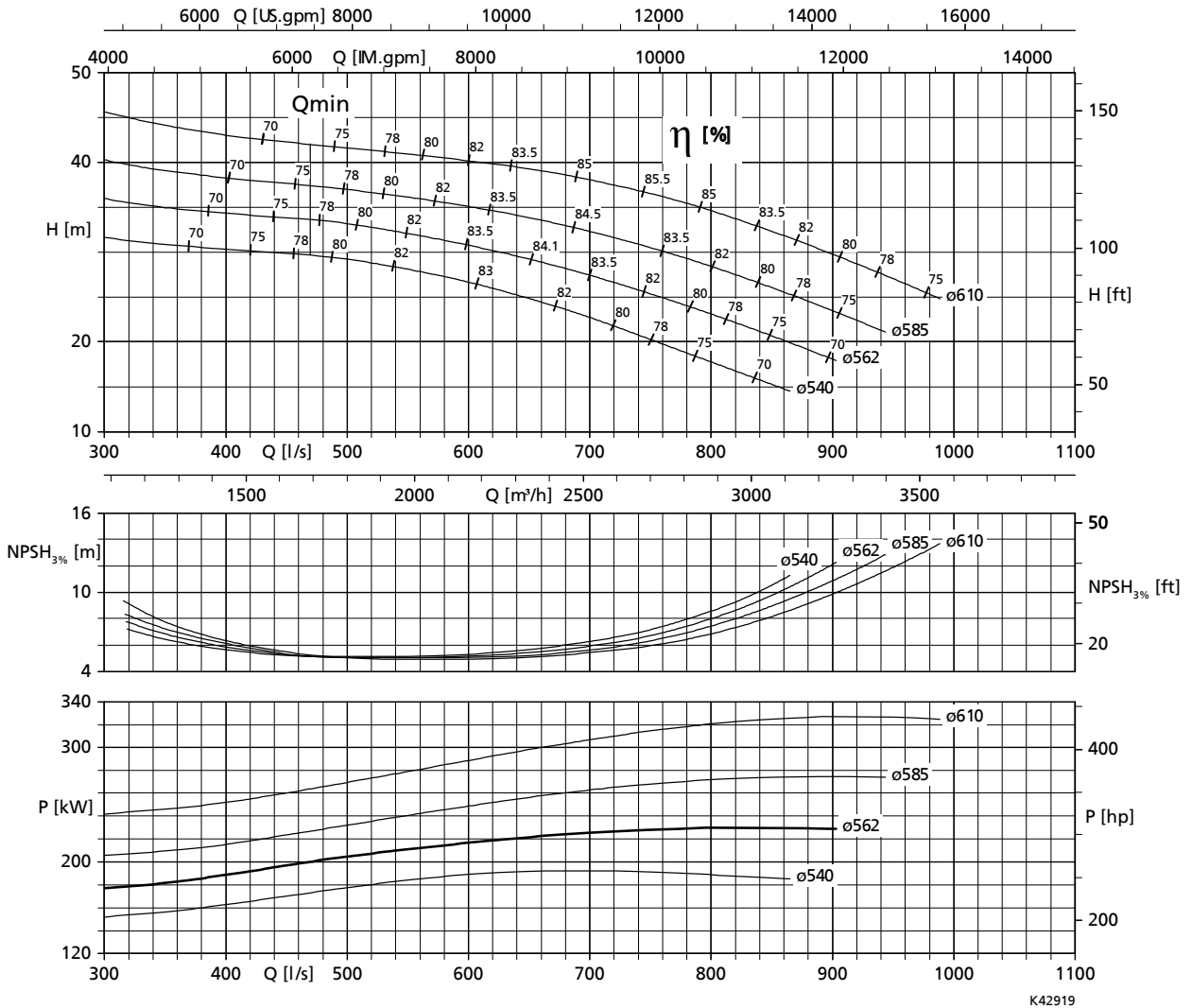
Rated power P_2 and mass moment of inertia $J^{28)}$

Size	Rated power P_2	Mass moment of inertia J
	[kW]	[kgm ²]
900-615 / 250 6 UTG	250	11,1
900-615 / 290 6 UTG	290	12,4
900-615 / 340 6 UTG	340	13,7
1000-615 / 415 6 UTG	415	18,2

28) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

Amacan S 900-620 / 1000-620, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



Free passage 58 mm in diameter

Rated power P_2 and mass moment of inertia $J^{29)}$

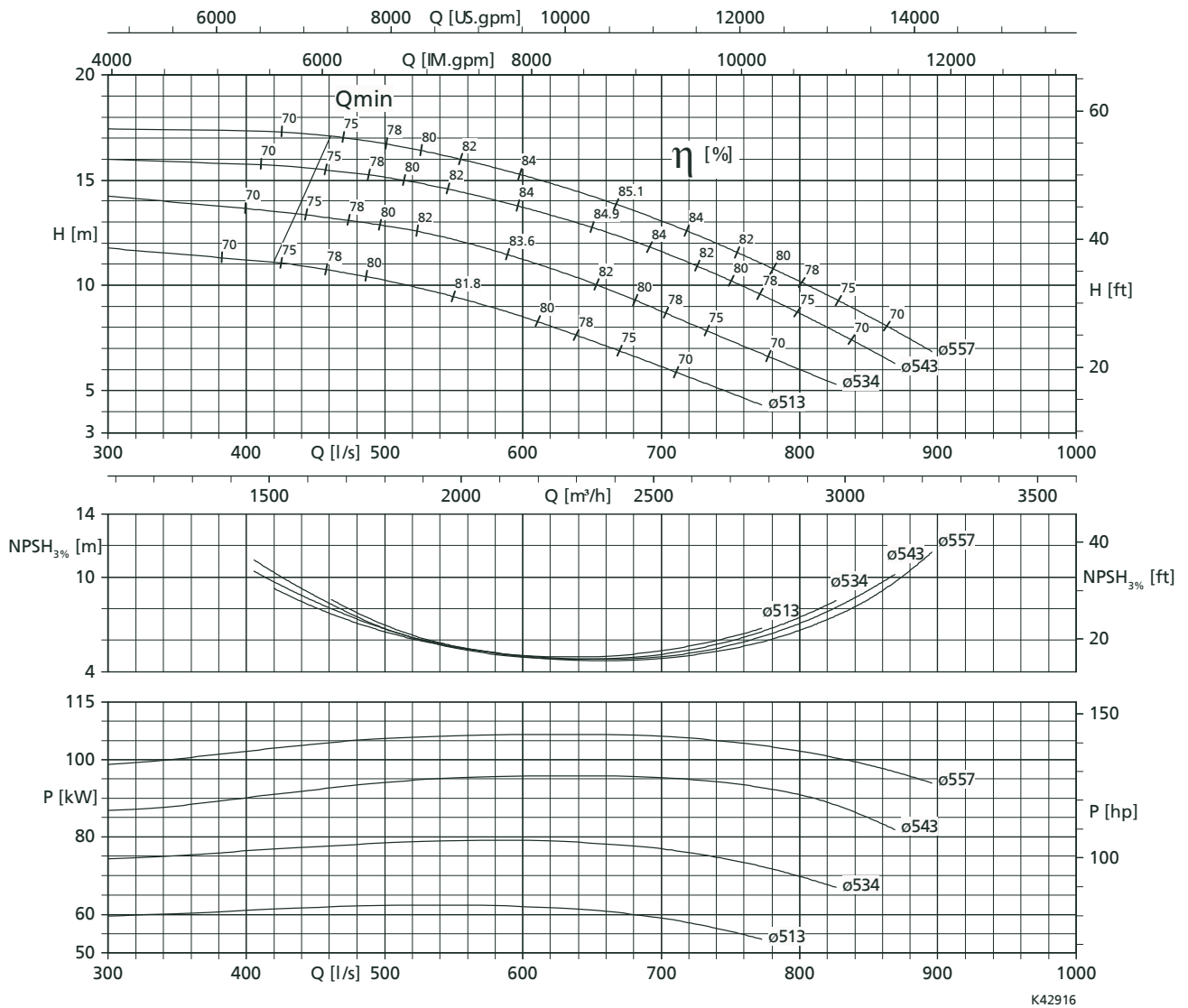
Size	Rated power P_2	Mass moment of inertia J
	[kW]	[kgm ²]
900-620 / 250 6 UTG	250	12,8
900-620 / 290 6 UTG	290	14,1
900-620 / 340 6 UTG	340	15,4
1000-620 / 415 6 UTG	415	19,9

29) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

n = 725 rpm

Amacan S 850-550, n = 725 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



K42916

Free passage 72 mm in diameter

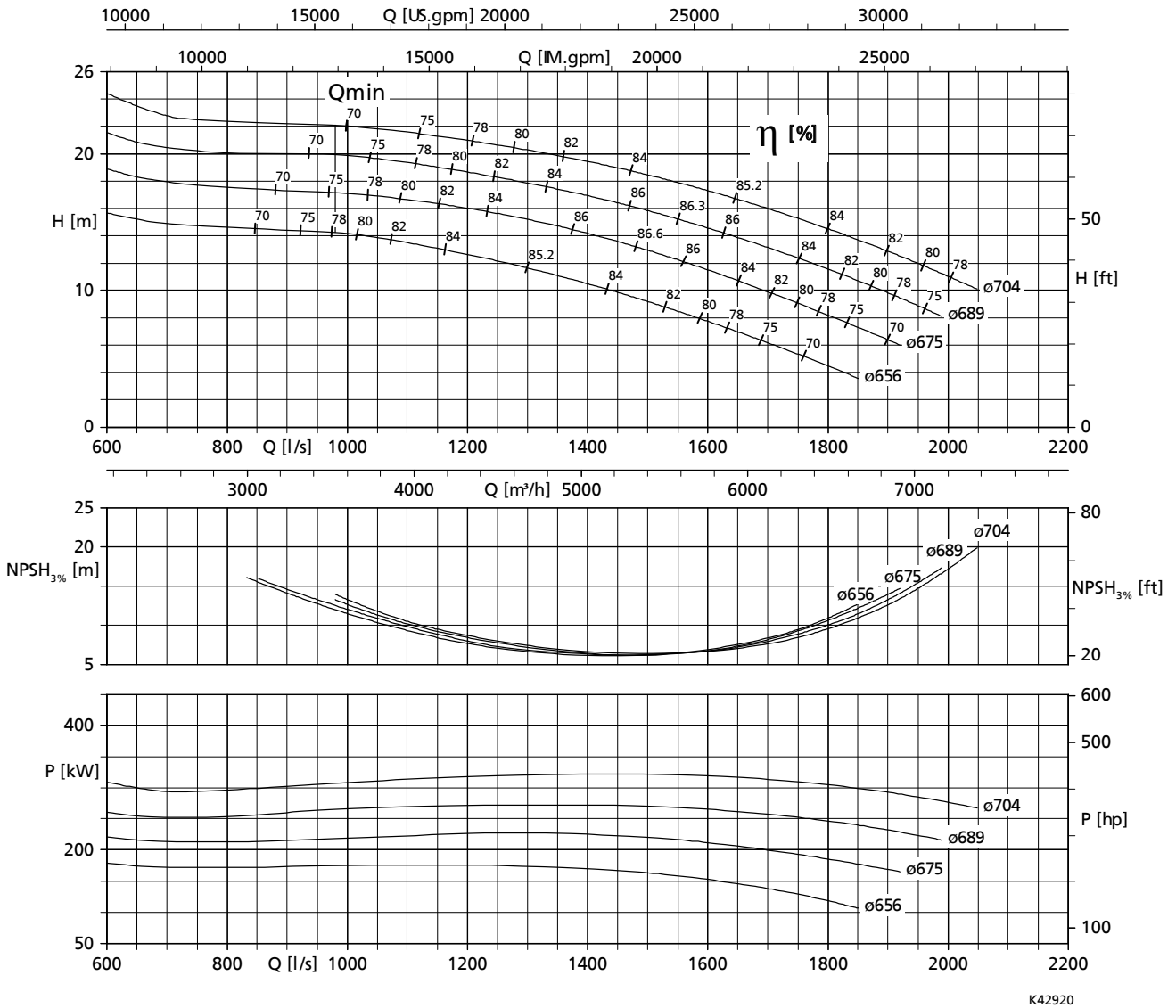
Rated power P_2 and mass moment of inertia $J^{30)}$

Size	Rated power P_2	Mass moment of inertia J
	[kW]	[kgm ²]
850-550 / 85 8 UTG	85	3,7
850-550 / 120 8 UTG	120	4,7

30) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

Amacan S 1000-655, n = 725 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



Free passage 103 mm in diameter

Rated power P_2 and mass moment of inertia $J^{31)}$

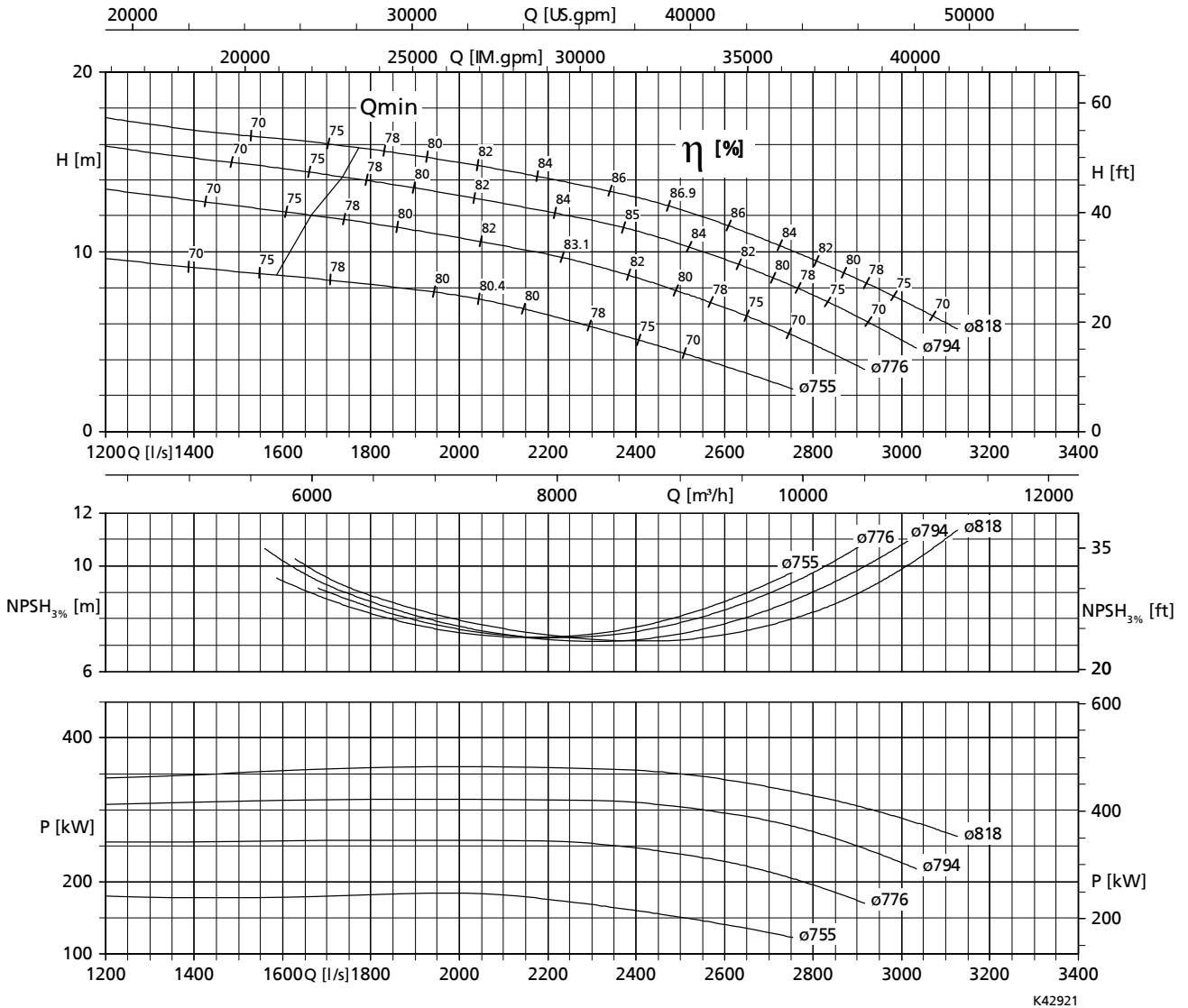
Size	Rated power P_2	Mass moment of inertia J
	[kW]	[kgm ²]
1000-655 / 205 8 UTG	205	13,3
1000-655 / 250 8 UTG	250	14,6
1000-655 / 290 8 UTG	290	15,8
1000-655 / 350 8 UTG	350	20,4

31) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.

n = 580 rpm

Amacan S 1300-820, n = 580 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. The characteristic curves correspond to the effective motor speed.



K42921

Free passage 116 mm in diameter

Rated power P_2 and mass moment of inertia $J^{32)}$

Size	Rated power P_2	Mass moment of inertia J
	[kW]	[kgm ²]
1300-820 / 200 10 UTG	200	22,5
1300-820 / 250 10 UTG	250	24,7
1300-820 / 310 10 UTG	310	30,6
1300-820 / 365 10 UTG	365	33,3
1300-820 / 420 10 UTG	420	36,0

32) These values are valid for a density = 1 kg/dm³ and a kinematic viscosity of up to 20 mm²/s.