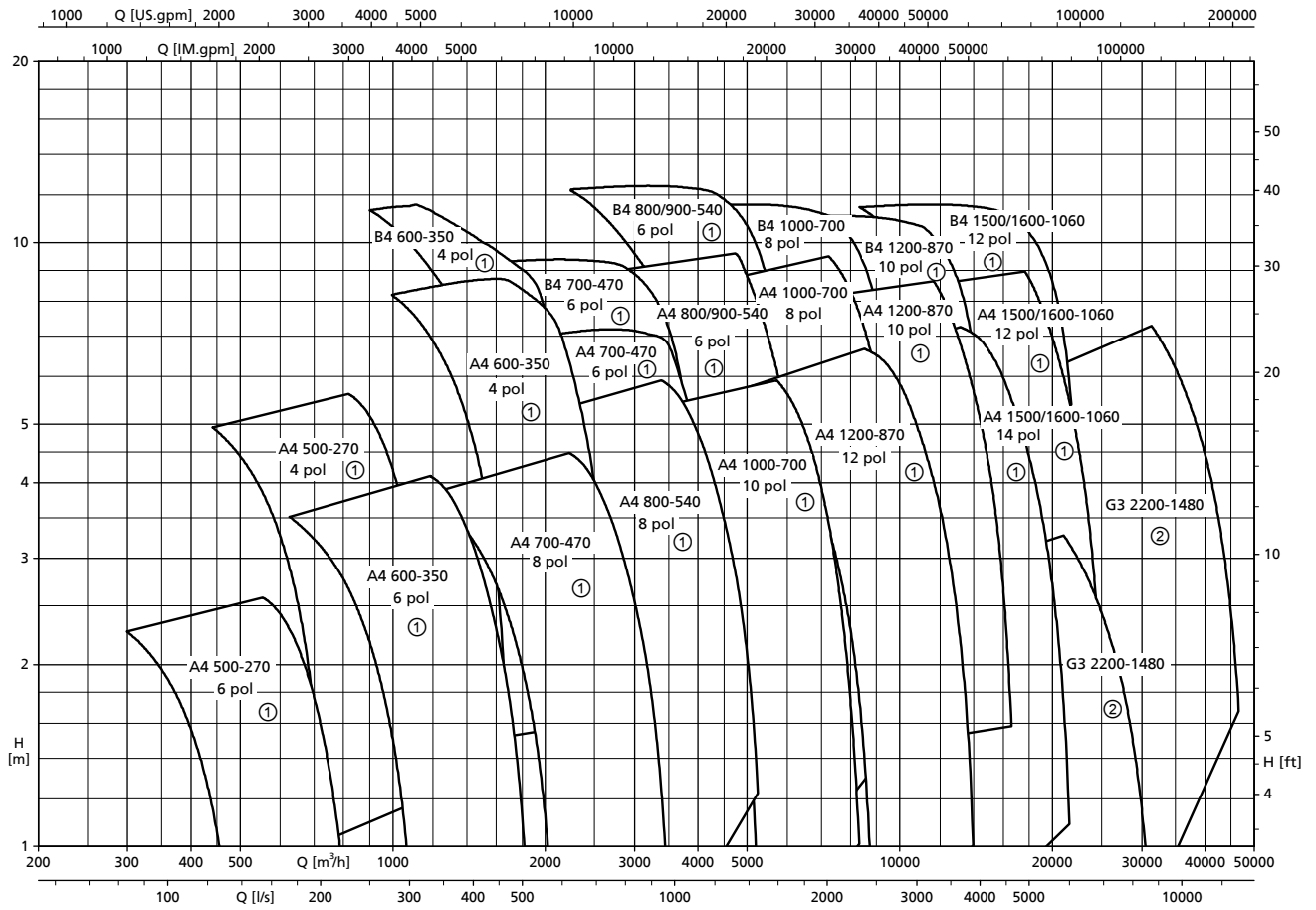


Selection chart

Amacan P, n = 415 / 485 / 580 / 725 / 960 / 1450 rpm



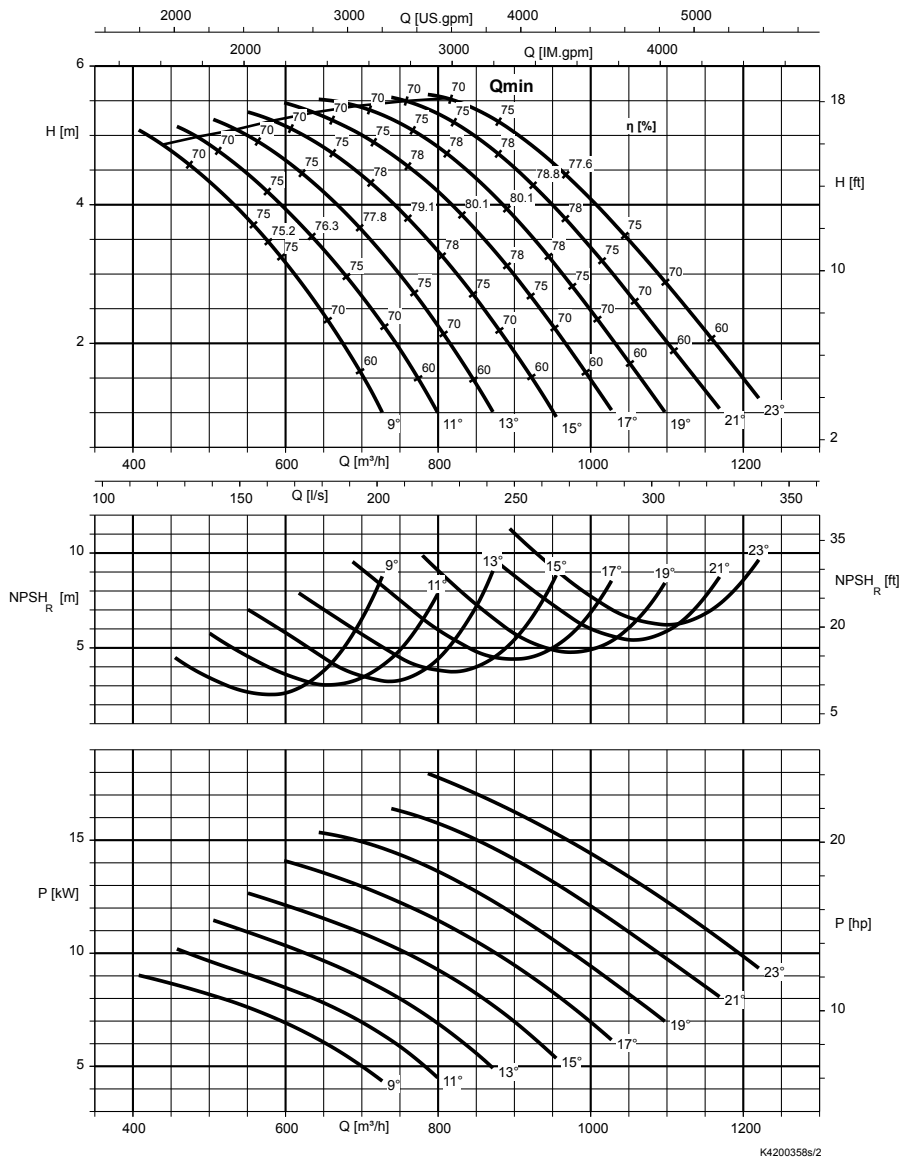
- ① Standard range
- ② Special range on request

Characteristic curves

n = 1450 rpm

Amacan PA4 500-270, n = 1450 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
23	70	15	50
21	65	13	45
19	60	11	40
17	55	9	35

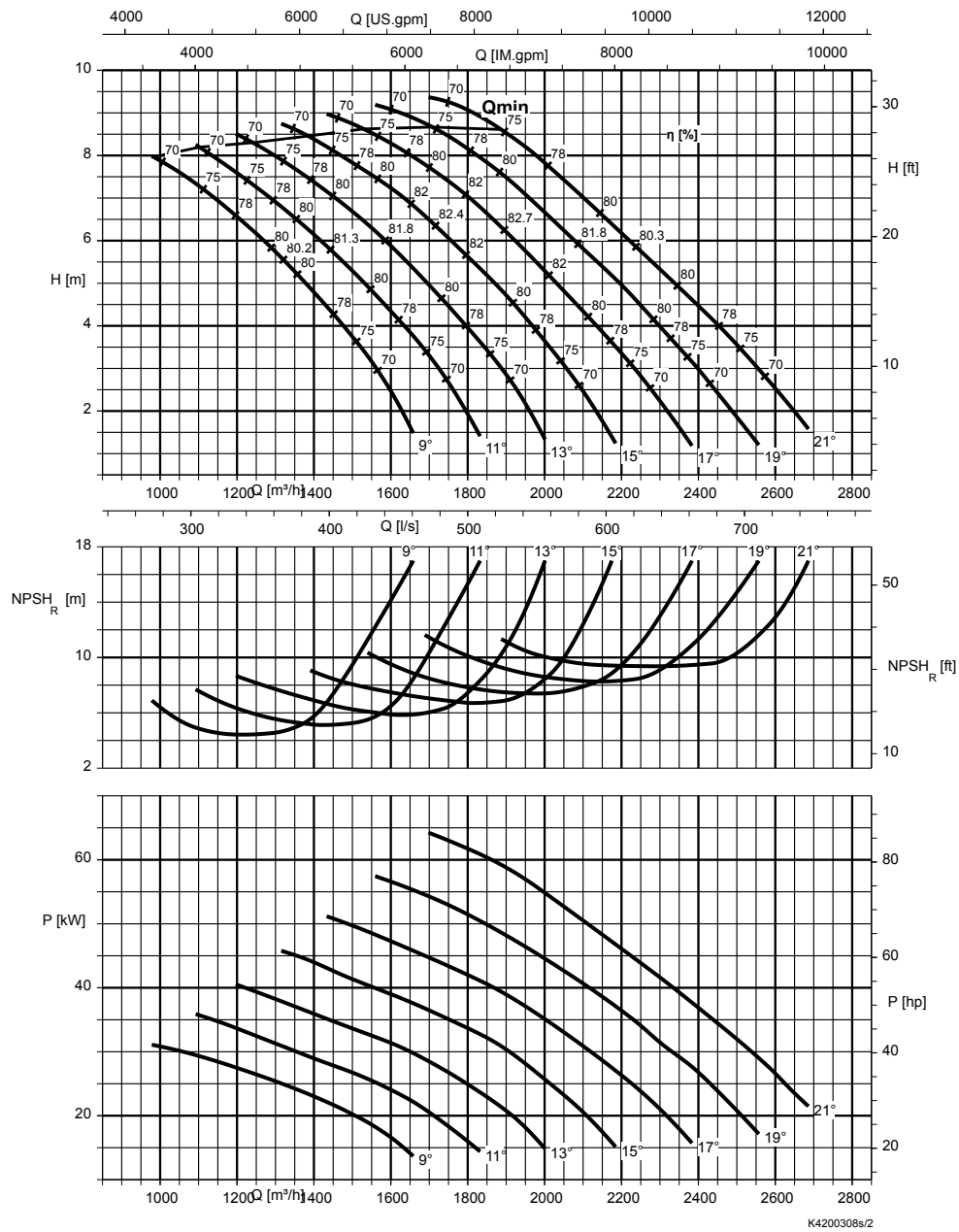
Rated power P₂ and mass moment of inertia J²³⁾

Size	Rated power P ₂ [kW]		Mass moment of inertia J [kgm²]
	UAG	XAG	
PA4 500-270 / 10 4	10	10	0,16
PA4 500-270 / 16 4	16	13	0,16
PA4 500-270 / 20 4	25	25	0,19

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

Amacan PA4 600-350, n = 1450 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
21	80	13	60
19	75	11	55
17	70	9	50
15	65		

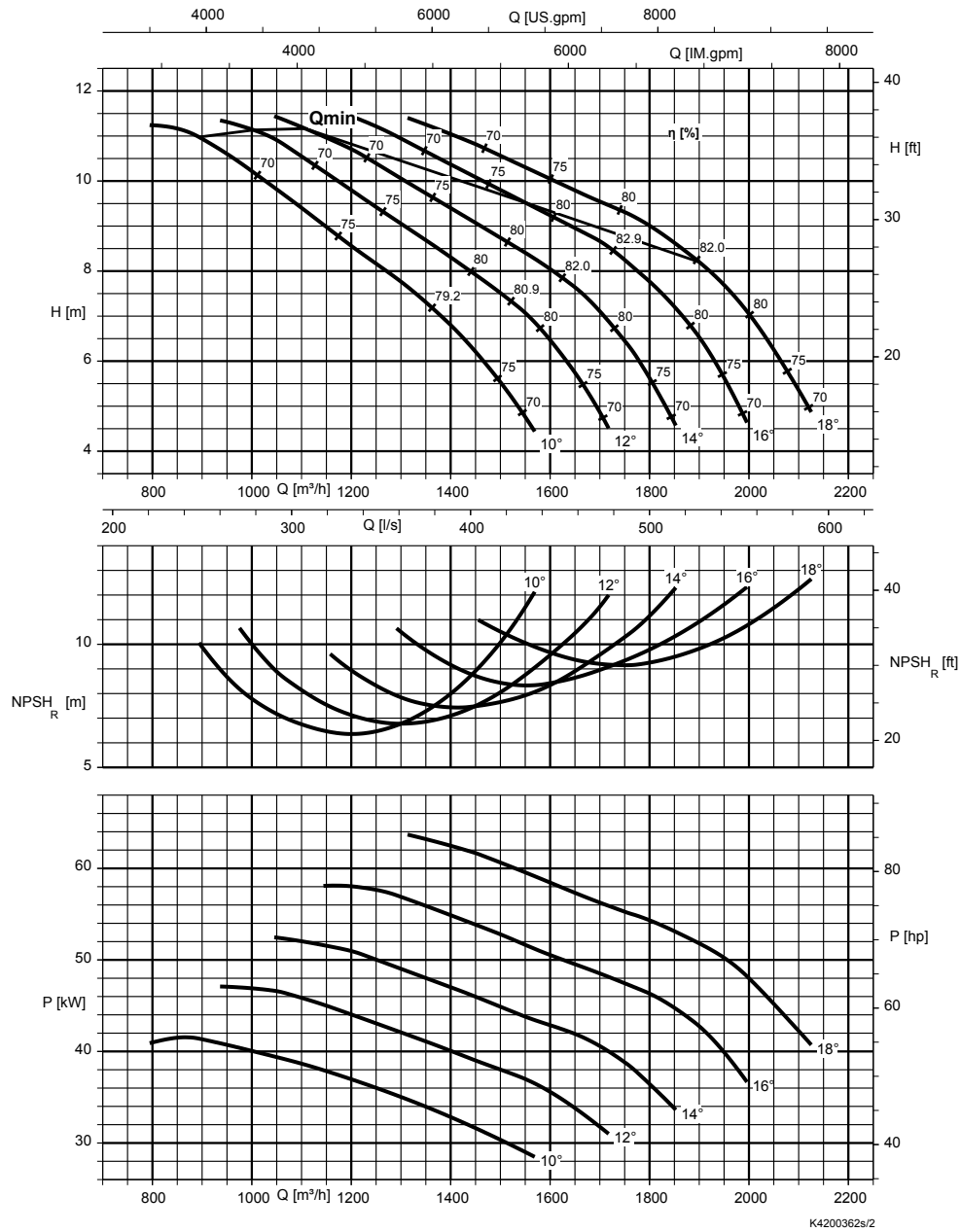
Rated power P_2 and mass moment of inertia $J^{24)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UAG	XAG	
PA4 600-350 / 20 4	25	25	0,40
PA4 600-350 / 32 4	32	32	0,44
PA4 600-350 / 40 4	40	40	0,44
PA4 600-350 / 60 4	50	50	0,50
PA4 600-350 / 70 4	57	57	0,51

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

Amacan PB4 600-350, n = 1450 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
18	75	12	60
16	70	10	55
14	65		

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

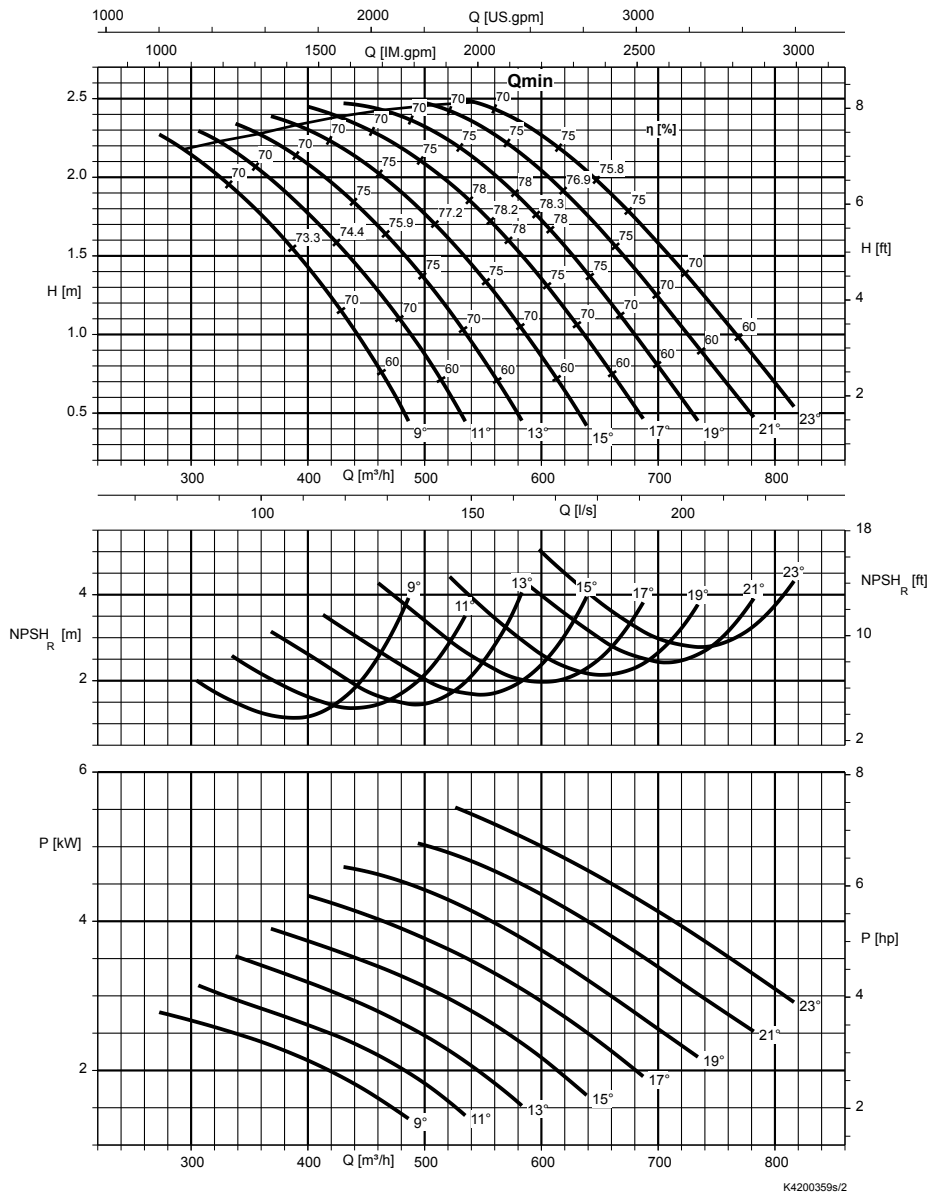
Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UAG	XAG	
PB4 600-350 / 32 4	32	32	0,44
PB4 600-350 / 40 4	40	40	0,44
PB4 600-350 / 60 4	50	50	0,50
PB4 600-350 / 70 4	57	57	0,51

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

n = 960 rpm

Amacan PA4 500-270, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
23	70	15	50
21	65	13	45
19	60	11	40
17	55	9	35

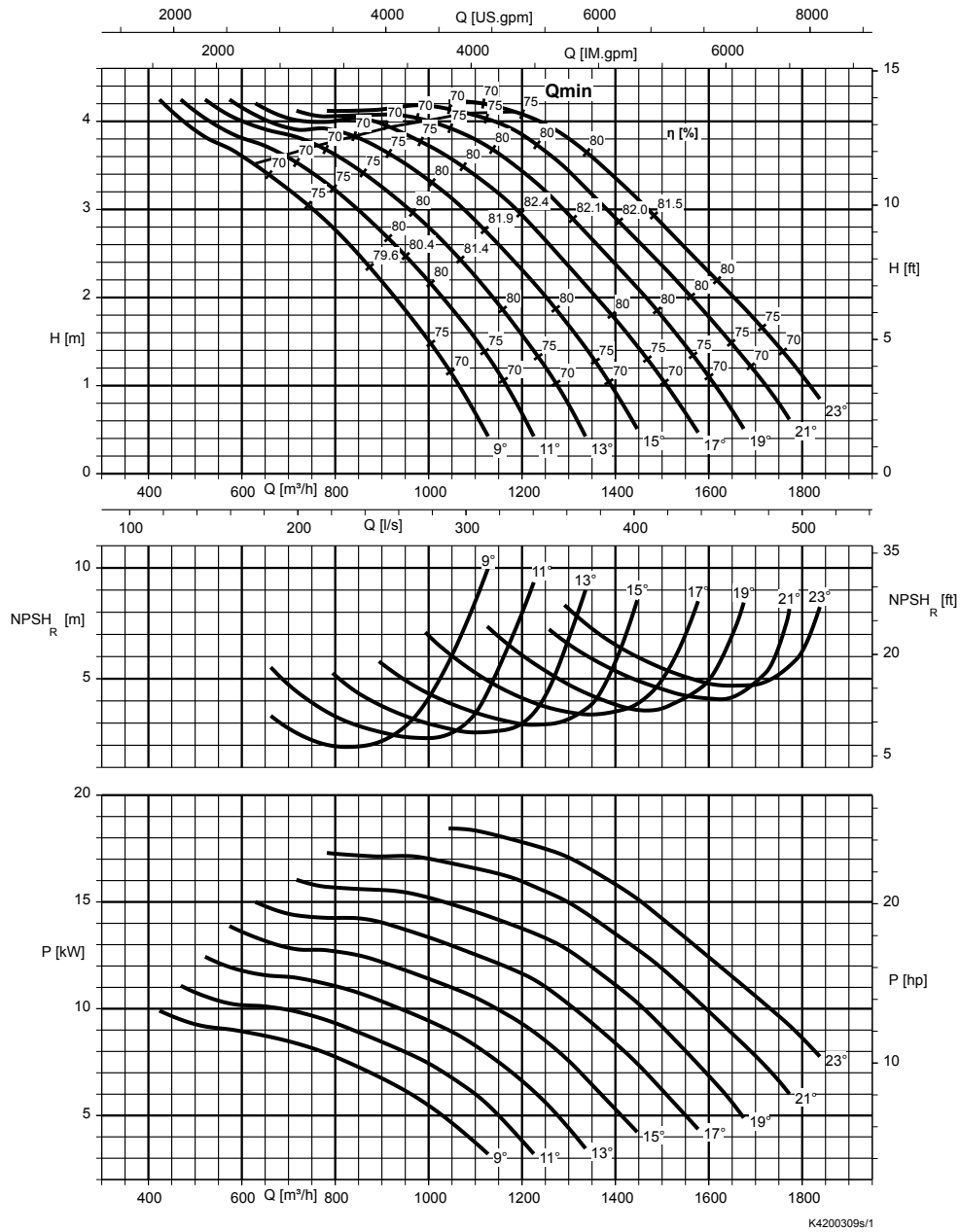
Rated power P₂ and mass moment of inertia J²⁶⁾

Size	Rated power P ₂ [kW]		Mass moment of inertia J [kgm²]
	UAG	XAG	
PA4 500-270 / 6 6	7,5	7,5	0,17

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

Amacan PA4 600-350, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



K4200309s/1

Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
23	85	15	65
21	80	13	60
19	75	11	55
17	70	9	50

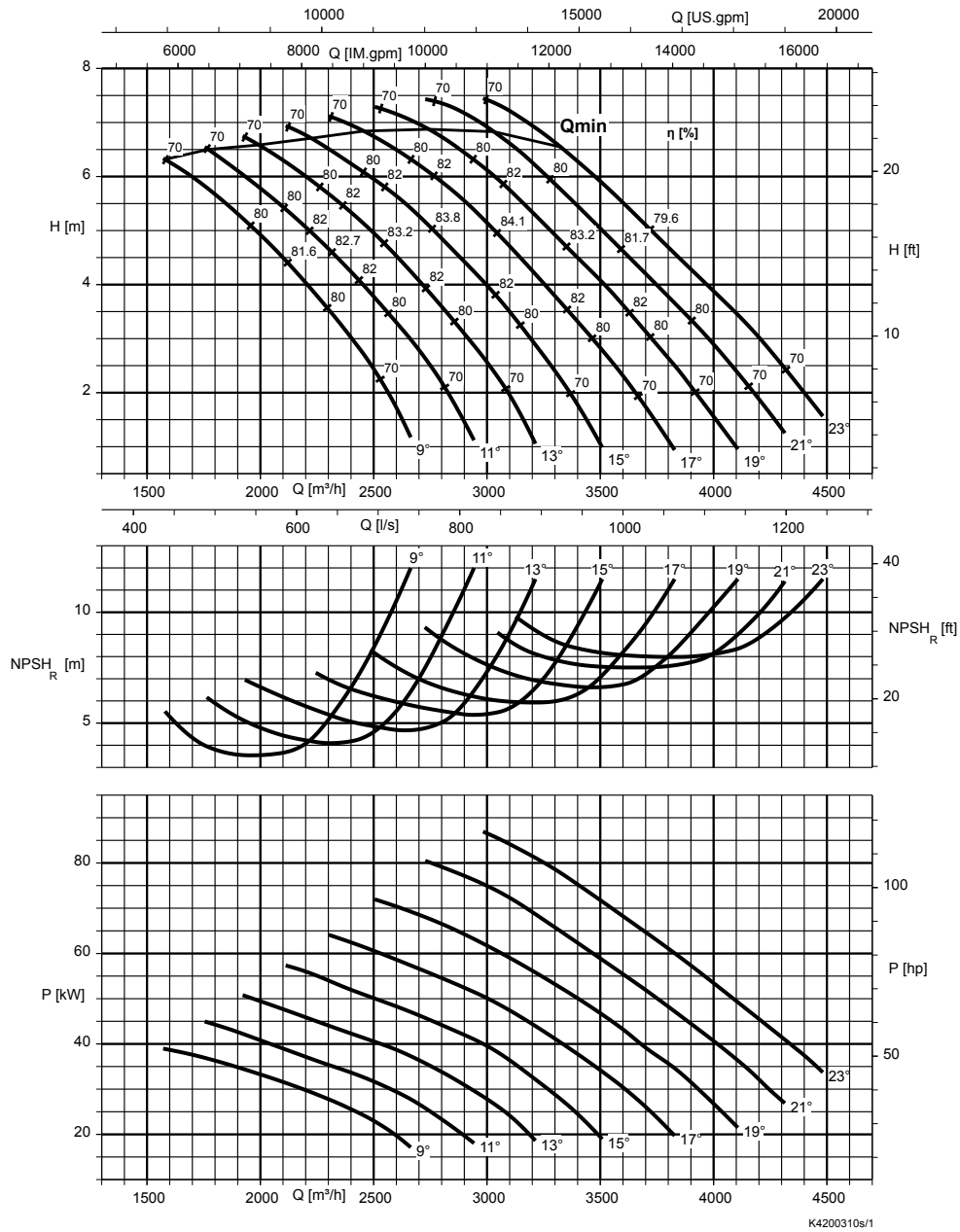
Rated power P_2 and mass moment of inertia $J^{27)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UAG	XAG	
PA4 600-350 / 10 6	12	12	0,38
PA4 600-350 / 16 6	18	18	0,41
PA4 600-350 / 25 6	28	28	0,47

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

Amacan PA4 700-470, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



K4200310s/1

Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
23	120	15	85
21	110	13	75
19	100	11	68
17	93	9	60

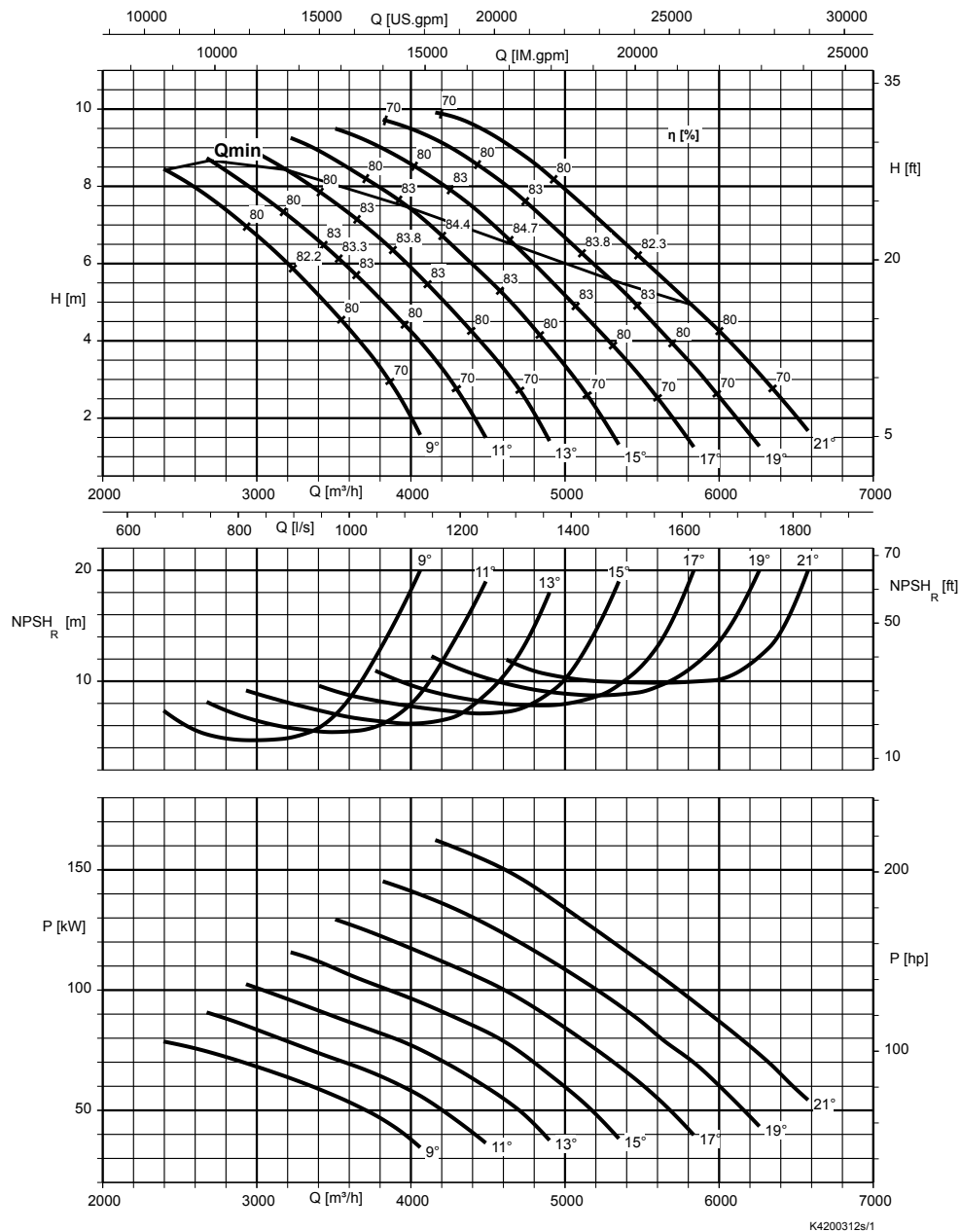
Rated power P_2 and mass moment of inertia $J^{28)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UTG	XTG	
PA4 700-470 / 47 6	47	47	1,73
PA4 700-470 / 60 6	60	60	1,82
PA4 700-470 / 80 6	80	80	1,95
PA4 700-470 / 100 6	100	100	2,08

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

Amacan PA4 800-540, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



K4200312s/1

Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
21	125	13	90
19	115	11	80
17	108	9	75
15	100		

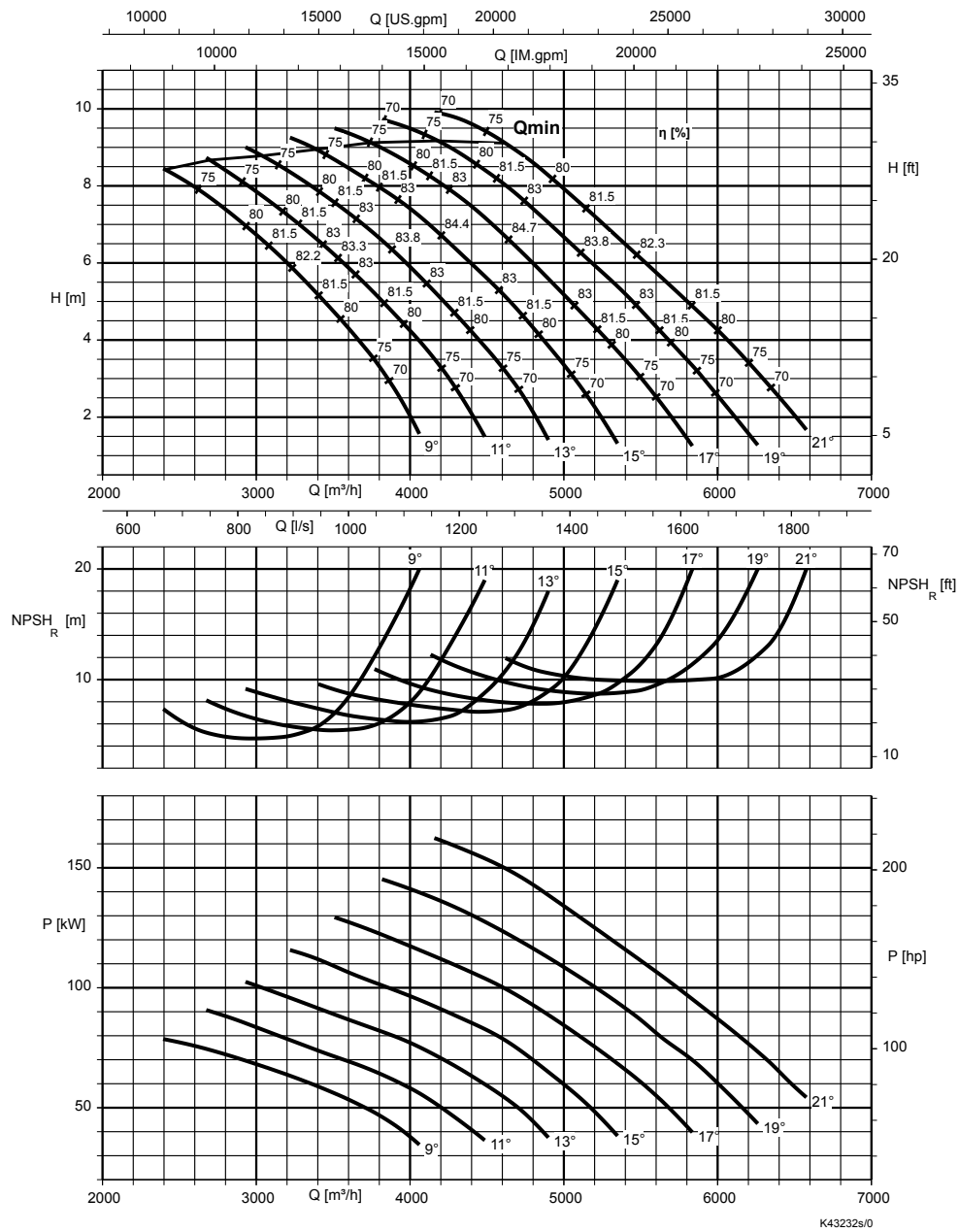
Rated power P_2 and mass moment of inertia $J^{29)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UTG	XTG	
PA4 800-540 / 80 6	80	80	3,25
PA4 800-540 / 100 6	100	100	3,38
PA4 800-540 / 120 6	115	115	3,52

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

Amacan PA4 900-540, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



K43232s/0

Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
21	125	13	90
19	115	11	80
17	108	9	75
15	100		

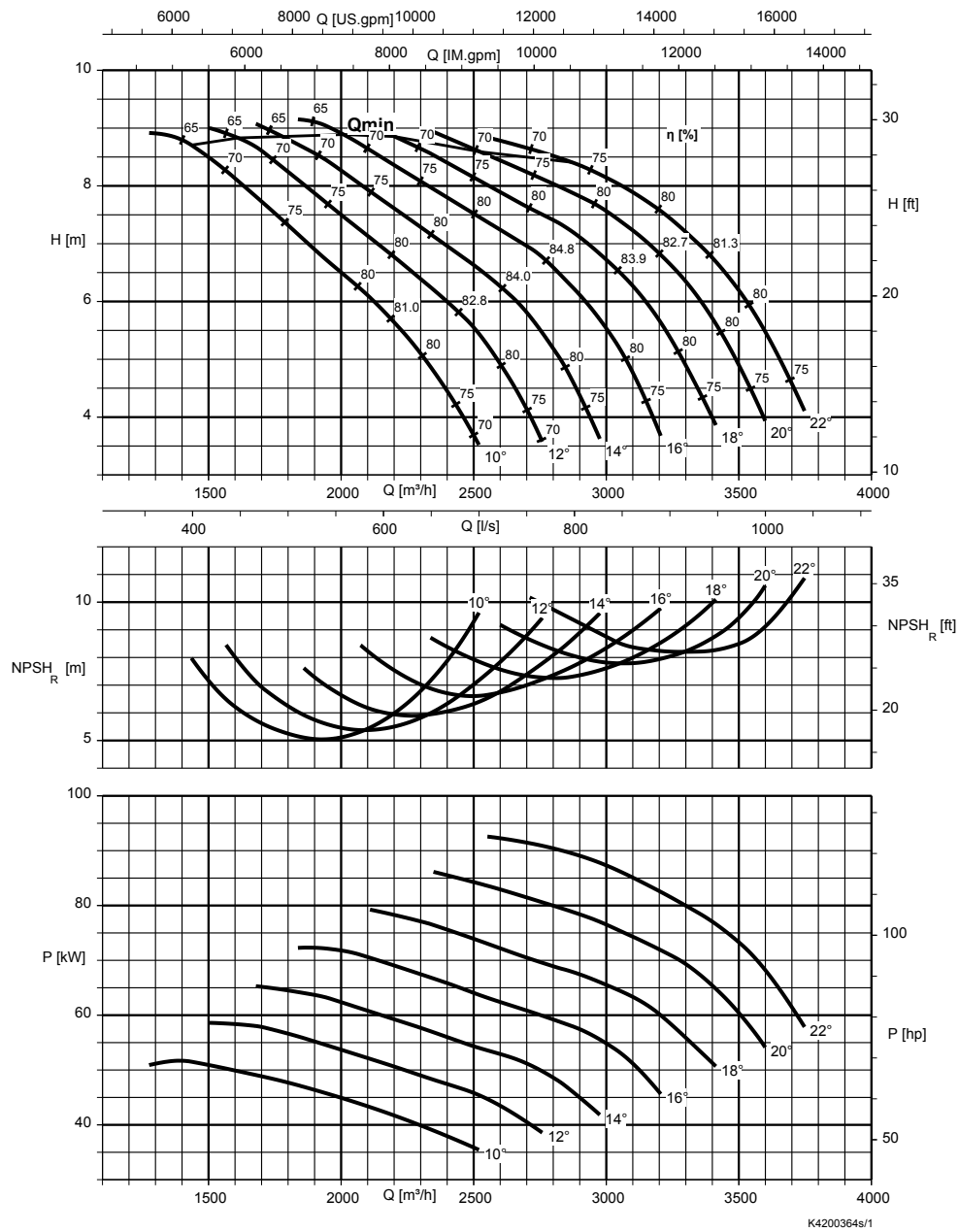
Rated power P_2 and mass moment of inertia $J^{30)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UTG	XTG	
PA4 900-540 / 155 6	155	155	4,53
PA4 900-540 / 180 6	180	180	4,80

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

Amacan PB4 700-470, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



K4200364s/1

Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
22	115	14	87
20	108	12	80
18	100	10	73
16	94		

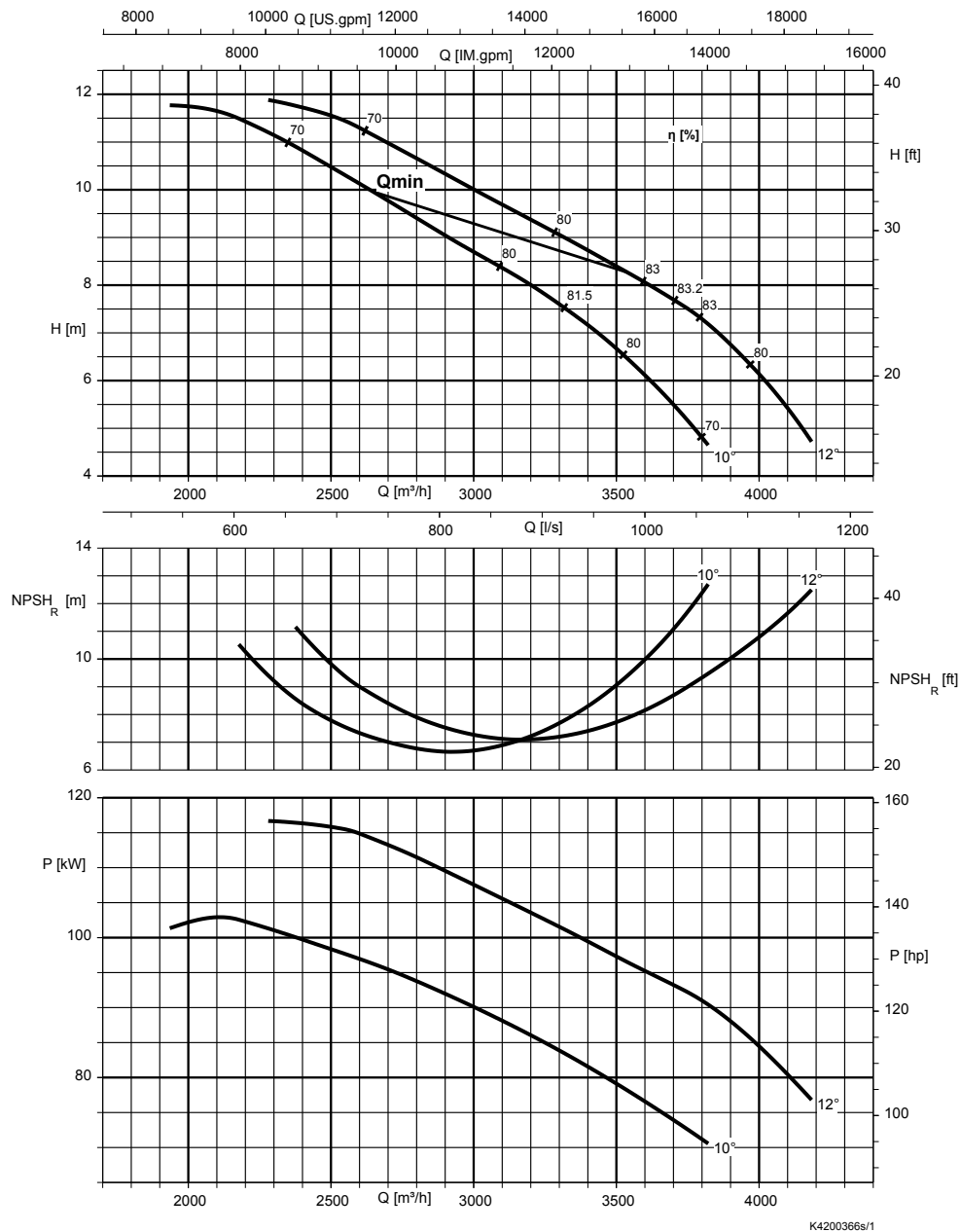
Rated power P_2 and mass moment of inertia $J^{31)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UTG	XTG	
PB4 700-470 / 60 6	60	60	1,82
PB4 700-470 / 80 6	80	80	1,95
PB4 700-470 / 100 6	100	100	2,08
PB4 700-470 / 120 6	115	115	2,22

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

Amacan PB4 800-540, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



K4200366s/1

Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
12	92	10	85

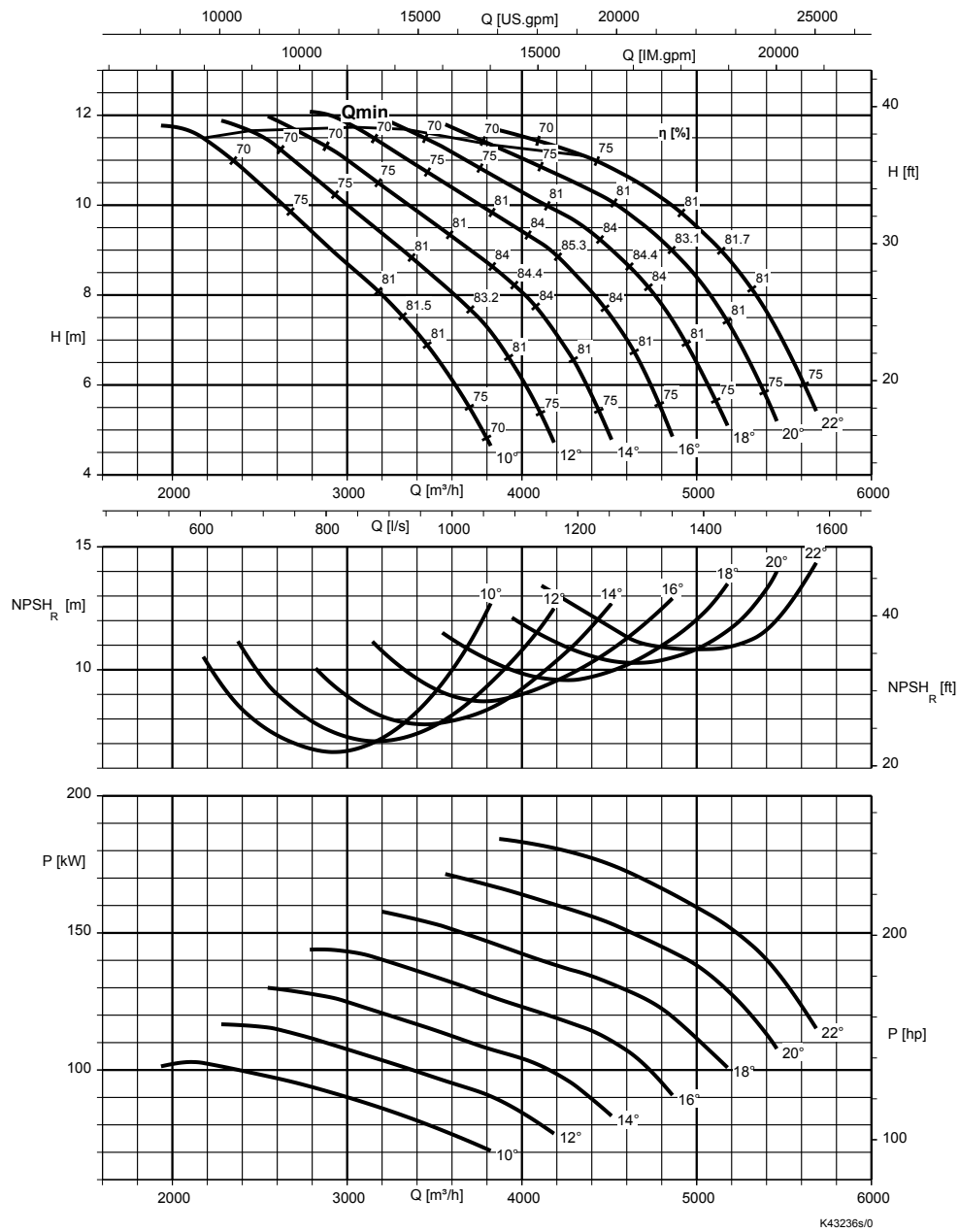
Rated power P₂ and mass moment of inertia J³²⁾

Size	Rated power P ₂ [kW]		Mass moment of inertia J [kgm²]
	UTG	XTG	
PB4 800-540 / 120 6	115	115	3,52

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

Amacan PB4 900-540, n = 960 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
22	130	14	100
20	123	12	92
18	115	10	85
16	108		

Rated power P_2 and mass moment of inertia $J^{33)}$

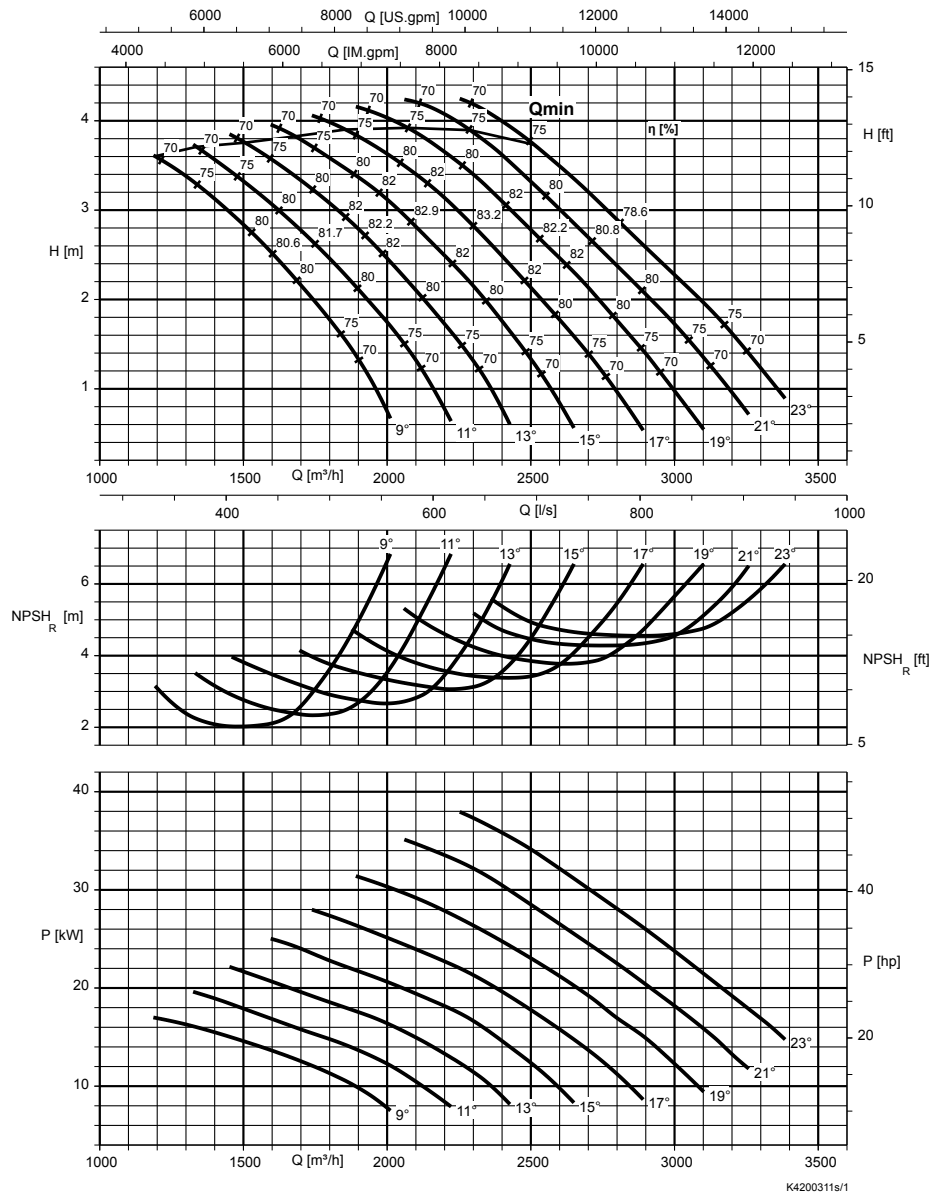
Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UTG	XTG	
PB4 900-540 / 155 6	155	155	4,53
PB4 900-540 / 180 6	180	180	4,80
PB4 900-540 / 205 6	205	205	5,10

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

n = 725 rpm

Amacan PA4 700-470, n = 725 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
23	120	15	85
21	110	13	75
19	100	11	68
17	93	9	60

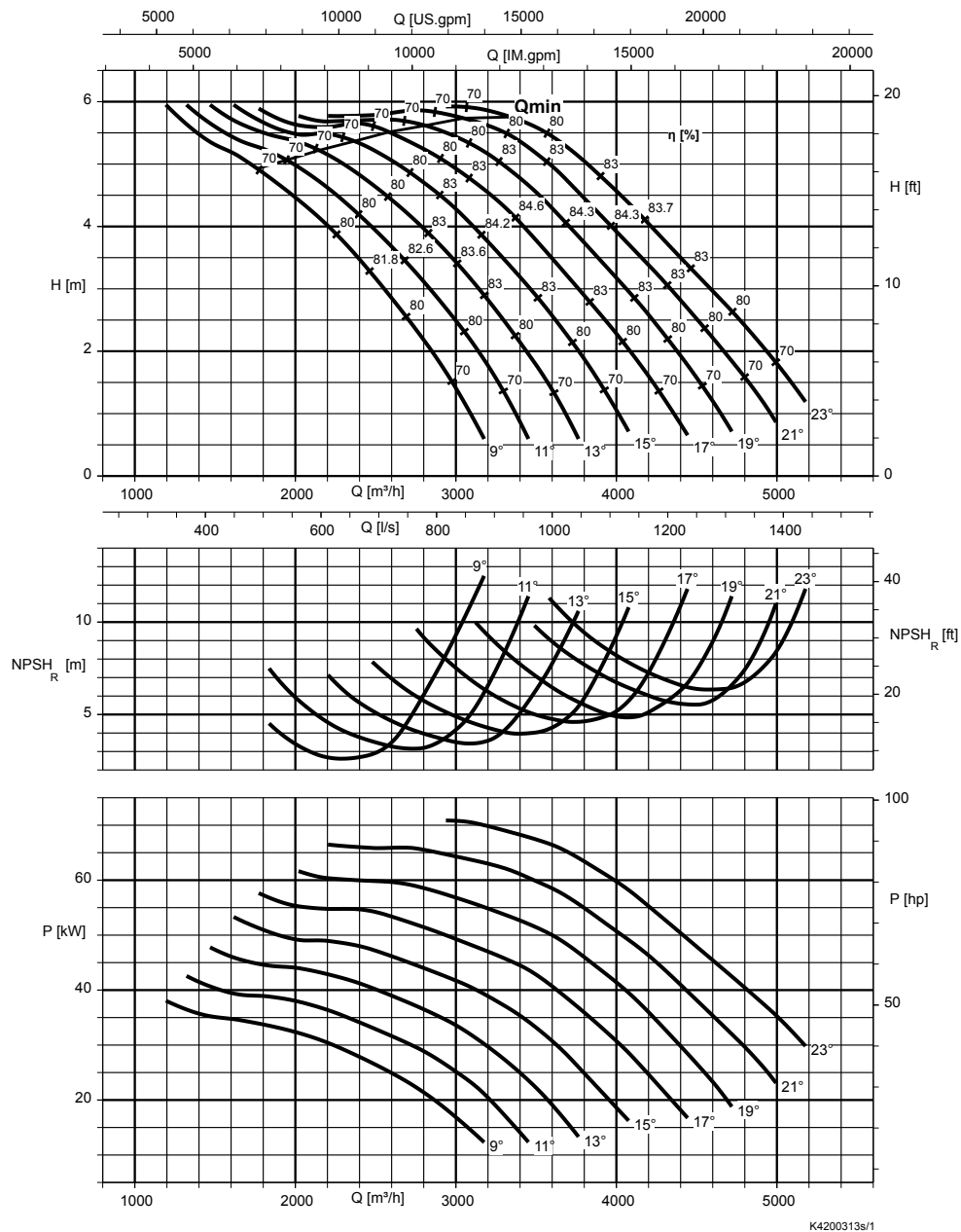
Rated power P₂ and mass moment of inertia J³⁴⁾

Size	Rated power P ₂ [kW]		Mass moment of inertia J
	UTG	XTG	[kgm ²]
PA4 700-470 / 30 8	30	30	1,78
PA4 700-470 / 40 8	40	40	1,78

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

Amacan PA4 800-540, n = 725 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



K4200313s/1

Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
23	135	15	100
21	125	13	90
19	115	11	80
17	108	9	75

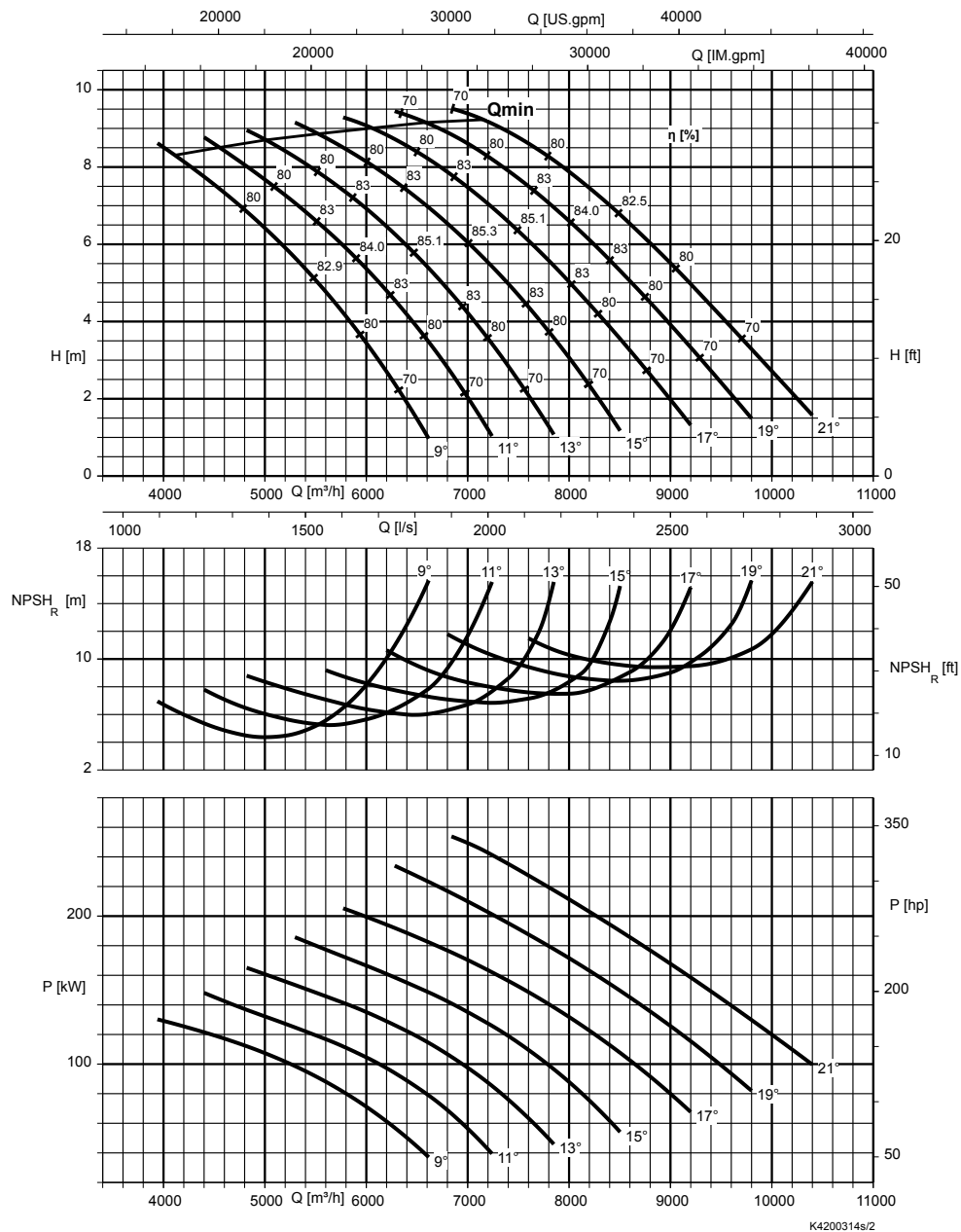
Rated power P₂ and mass moment of inertia J³⁵⁾

Size	Rated power P ₂ [kW]		Mass moment of inertia J [kgm²]
	UTG	XTG	
PA4 800-540 / 40 8	40	40	3,09
PA4 800-540 / 55 8	55	55	3,25
PA4 800-540 / 70 8	70	70	3,25
PA4 800-540 / 100 8	95	95	3,52

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

Amacan PA4 1000-700, n = 725 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



K4200314s/2

Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
21	160	13	120
19	150	11	110
17	140	9	100
15	130		

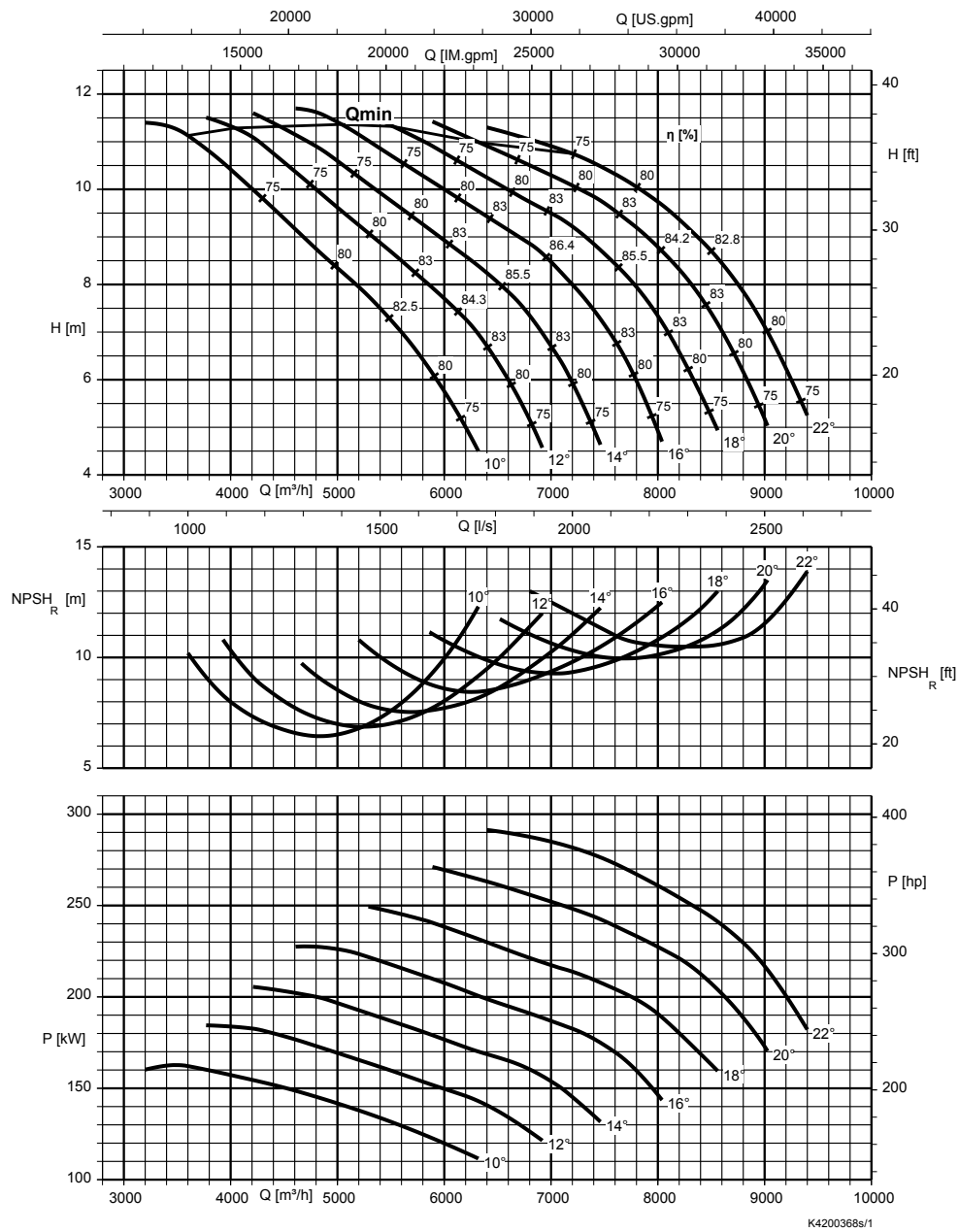
Rated power P_2 and mass moment of inertia $J^{36)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UTG	XTG	
PA4 1000-700 / 120 8	120	120	11,0
PA4 1000-700 / 160 8	160	160	11,6
PA4 1000-700 / 205 8	205	–	16,3
PA4 1000-700 / 250 8	250	–	17,6
PA4 1000-700 / 290 8	290	–	18,9

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

Amacan PB4 1000-700, n = 725 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
22	170	14	130
20	160	12	120
18	150	10	110
16	140		

Rated power P₂ and mass moment of inertia J³⁷⁾

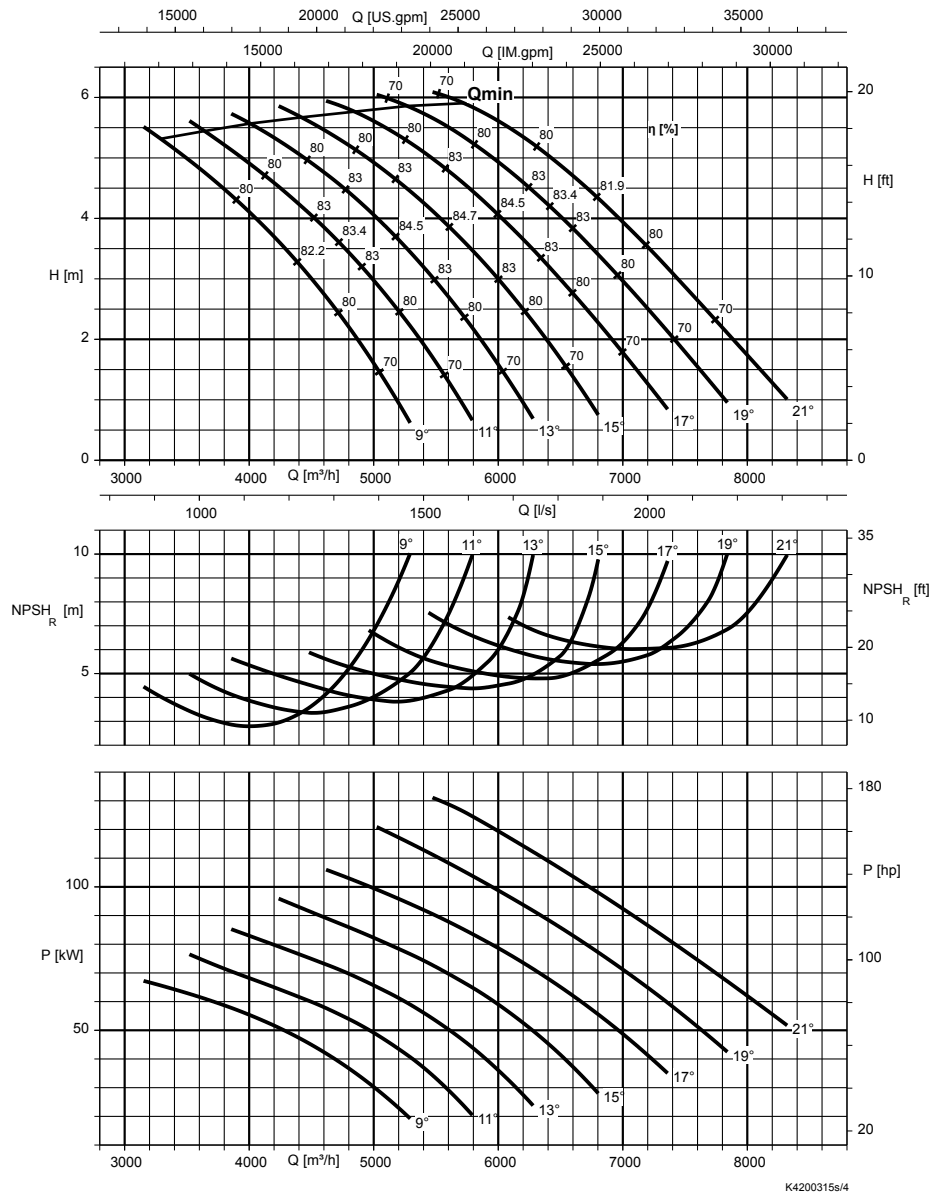
Size	Rated power P ₂ [kW]		Mass moment of inertia J [kgm²]
	UTG	XTG	
PB4 1000-700 / 160 8	160	160	11,6
PB4 1000-700 / 205 8	205	–	16,3
PB4 1000-700 / 250 8	250	–	17,6
PB4 1000-700 / 290 8	290	–	18,9

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

n = 580 rpm

Amacan PA4 1000-700, n = 580 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
21	160	13	120
19	150	11	110
17	140	9	100
15	130		

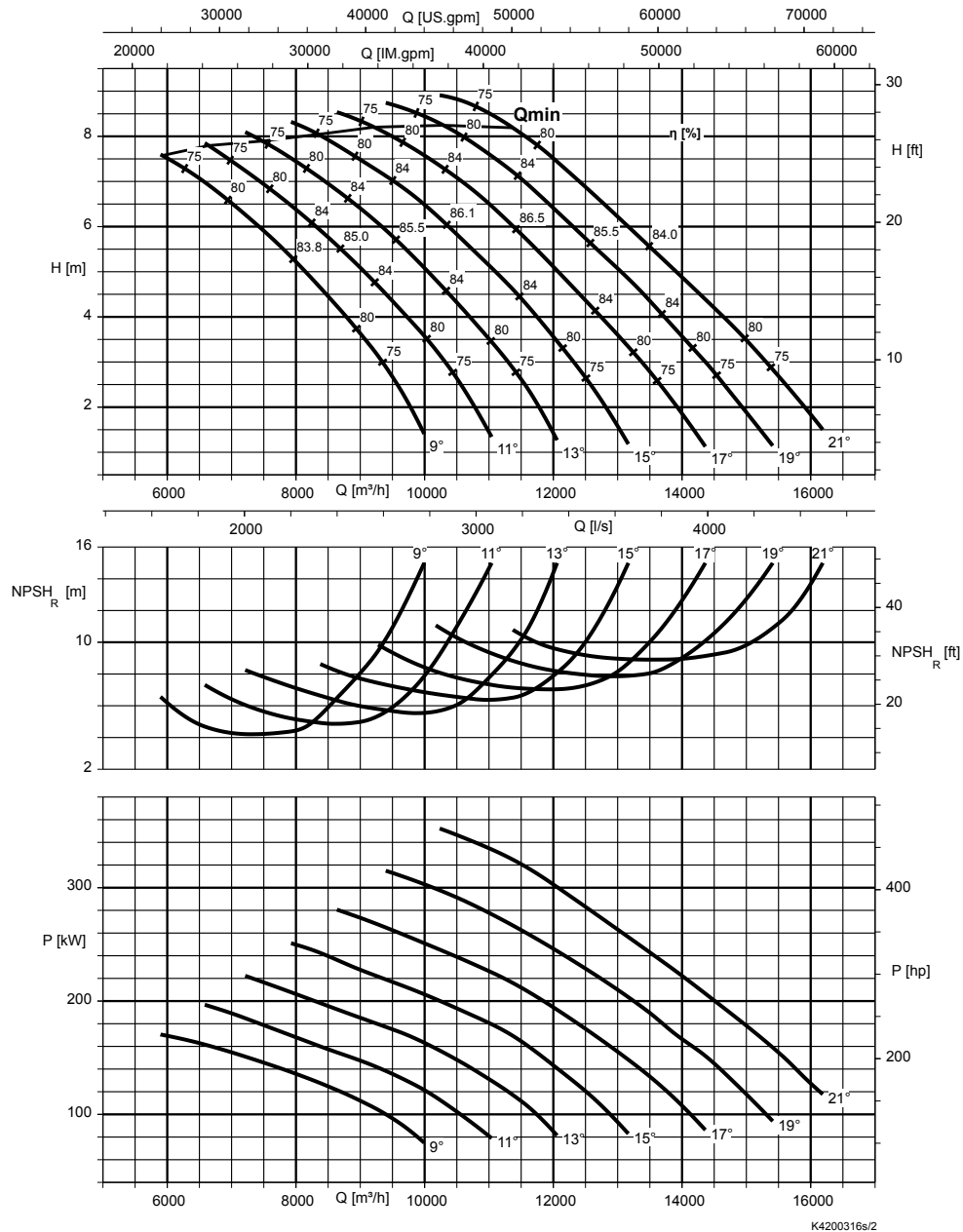
Rated power P₂ and mass moment of inertia J³⁸⁾

Size	Rated power P ₂ [kW]		Mass moment of inertia J
	UTG	XTG	[kgm²]
PA4 1000-700 / 60 10	60	60	10,8
PA4 1000-700 / 90 10	90	90	11,2
PA4 1000-700 / 120 10	120	120	11,5

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

Amacan PA4 1200-870, n = 580 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



K4200316s/2

Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
21	200	13	145
19	185	11	135
17	175	9	125
15	160		

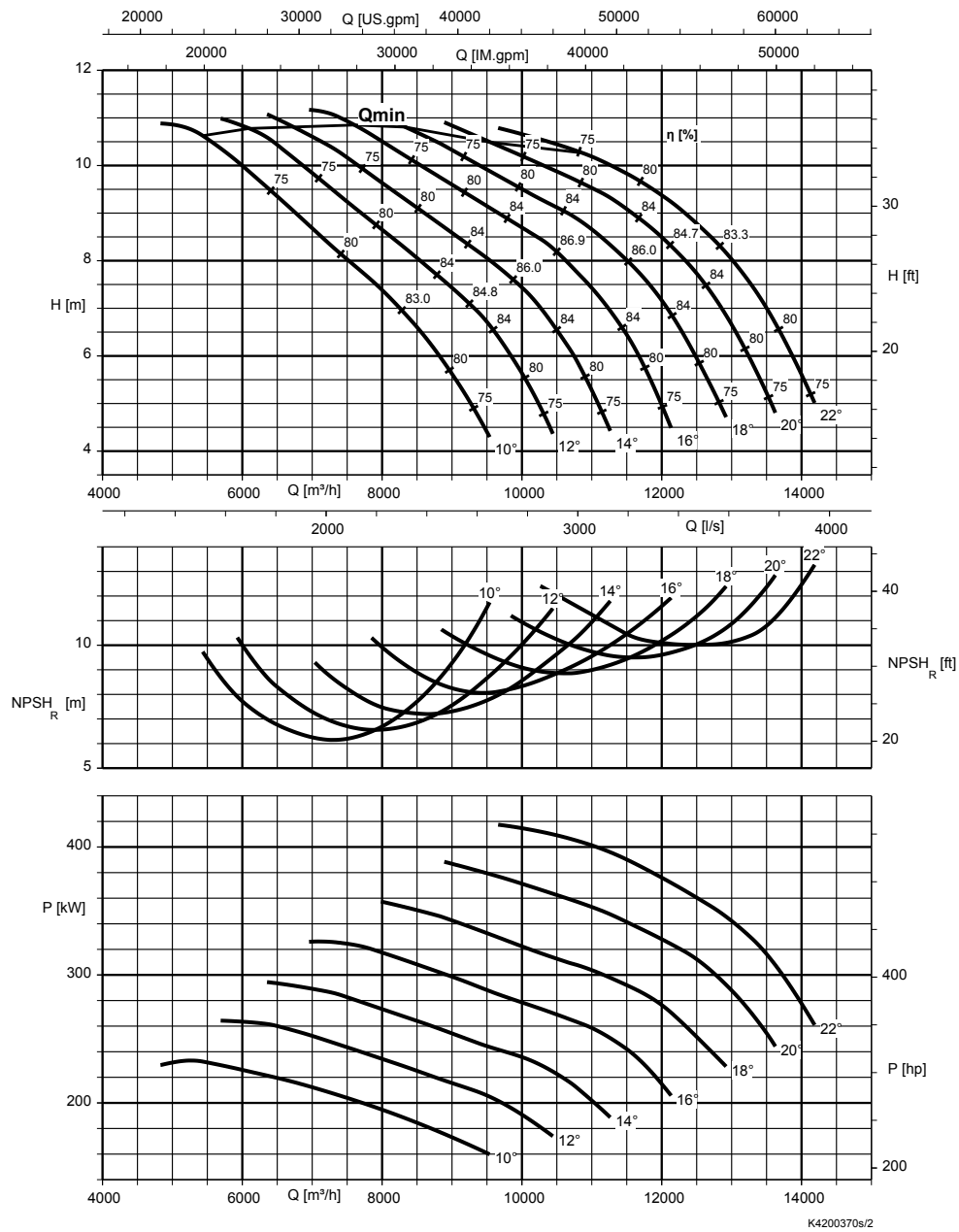
Rated power P_2 and mass moment of inertia $J^{39)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J
	UTG	XTG	[kgm²]
PA4 1200-870 / 200 10	200	200	36,9
PA4 1200-870 / 250 10	250	250	39,1
PA4 1200-870 / 310 10	310	–	45,0
PA4 1200-870 / 365 10	365	–	47,8
PA4 1200-870 / 420 10	420	–	50,5

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

Amacan PB4 1200-870, n = 580 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
22	210	14	160
20	200	12	145
18	185	10	135
16	175		

Rated power P_2 and mass moment of inertia $J^{40)}$

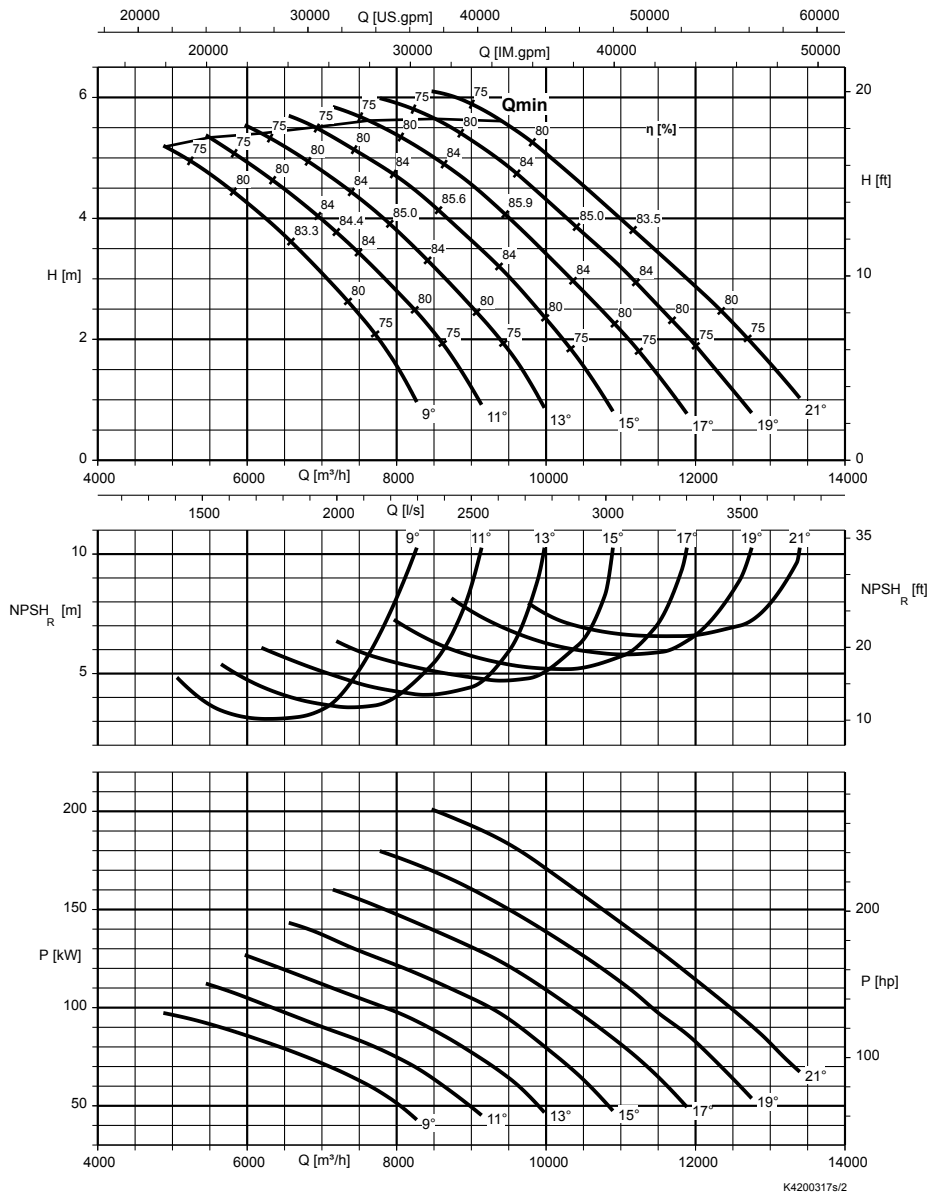
Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm²]
	UTG	XTG	
PB4 1200-870 / 250 10	250	250	39,1
PB4 1200-870 / 310 10	310	-	45,0
PB4 1200-870 / 365 10	365	-	47,8
PB4 1200-870 / 420 10	420	-	50,5
PB4 1200-870 / 470 10	470	-	53,1

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

n = 485 rpm

Amacan PA4 1200-870, n = 485 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
21	200	13	145
19	185	11	135
17	175	9	125
15	160		

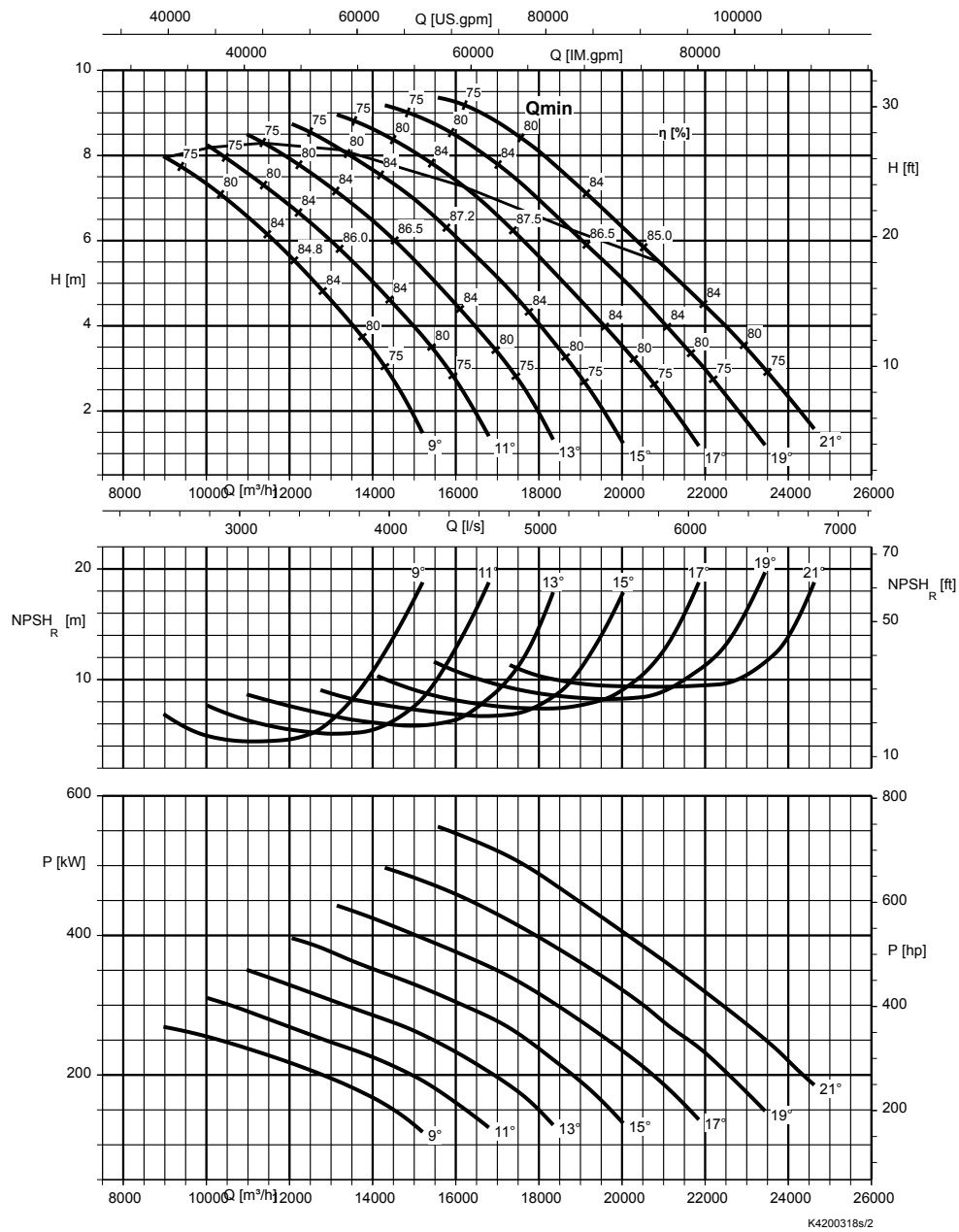
Rated power P₂ and mass moment of inertia J⁴¹⁾

Size	Rated power P ₂ [kW]		Mass moment of inertia J
	UTG	XTG	[kgm²]
PA4 1200-870 / 130 12	130	130	35,2
PA4 1200-870 / 190 12	190	190	39,1
PA4 1200-870 / 251 12	250	–	45,0

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

Amacan PA4 1500-1060, n = 485 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
21	240	13	180
19	225	11	165
17	210	9	150
15	195		

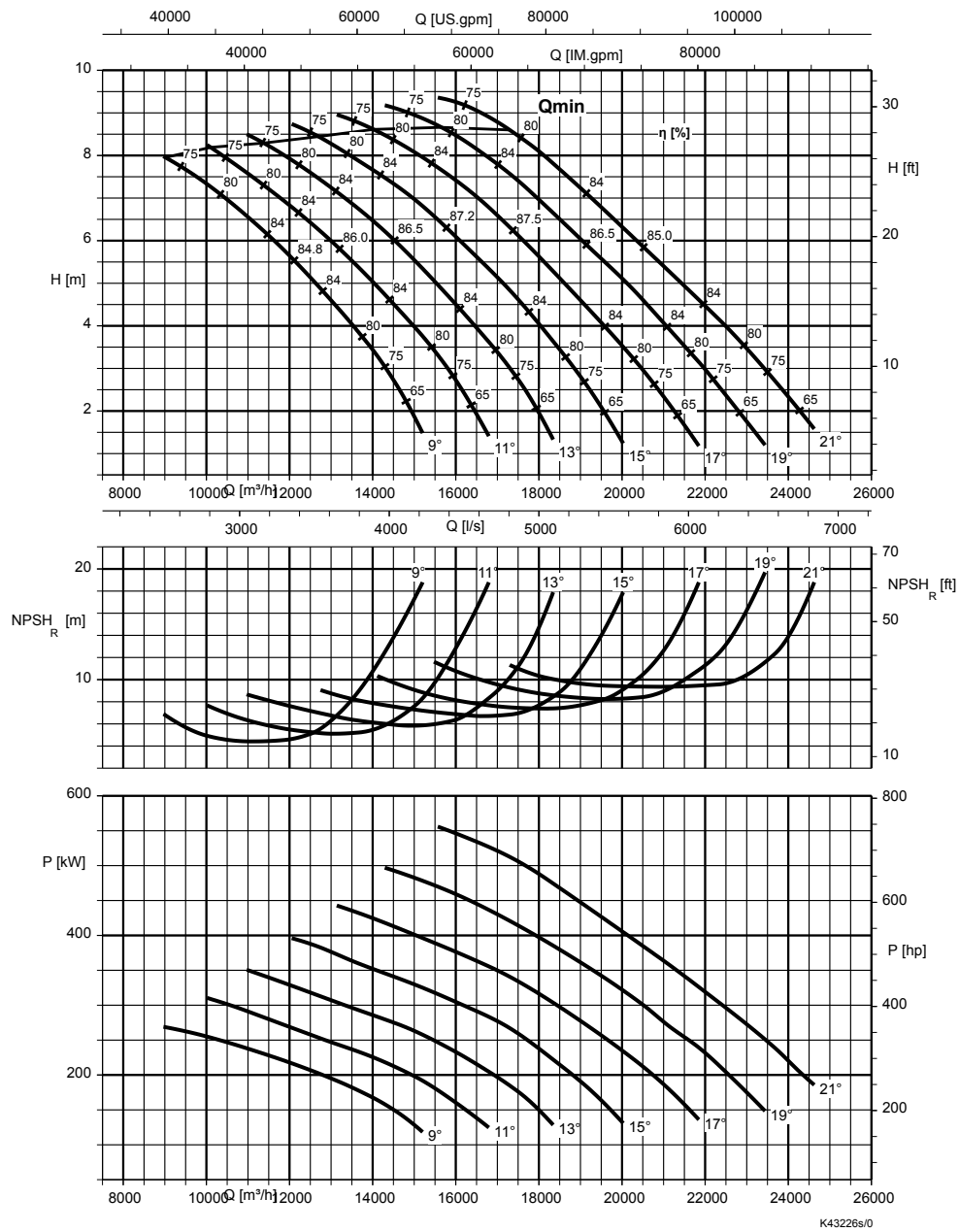
Rated power P_2 and mass moment of inertia $J^{42)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UTG	XTG	
PA4 1500-1060 / 250 12	250	250	93,0
PA4 1500-1060 / 320 12	320	320	95,7
PA4 1500-1060 / 370 12	370	370	98,3
PA4 1500-1060 / 410 12	410	410	101,0

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

Amacan PA4 1600-1060, n = 485 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
21	240	13	180
19	225	11	165
17	210	9	150
15	195		

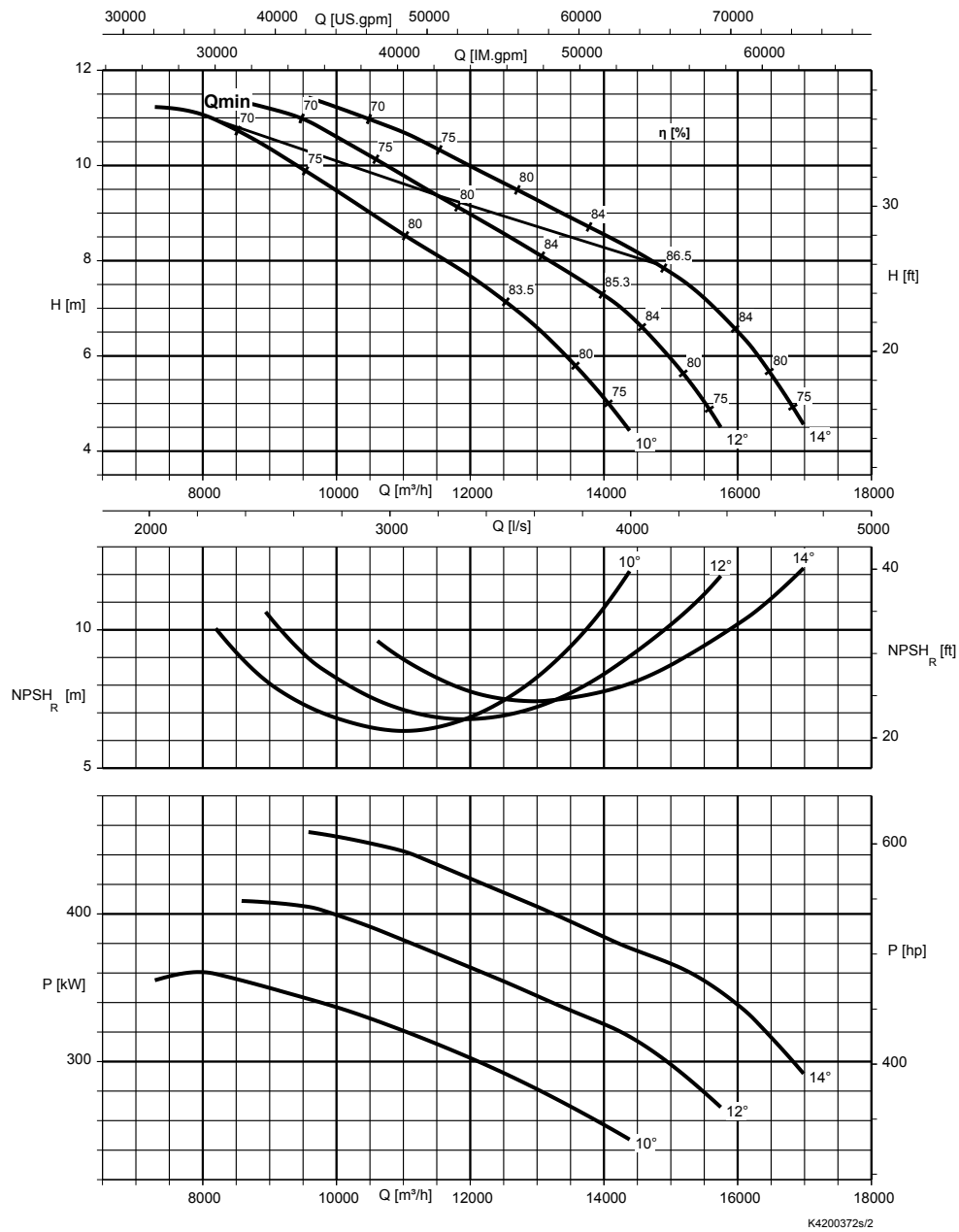
Rated power P_2 and mass moment of inertia $J^{43)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UTG	XTG	
PA4 1600-1060 / 450 12	450	-	117,8
PA4 1600-1060 / 500 12	500	-	123,4
PA4 1600-1060 / 560 12	560	-	129,1
PA4 1600-1060 / 620 12	620	-	134,6

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

Amacan PB4 1500-1060, n = 485 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



K4200372s/2

Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
14	195	10	165
12	180		

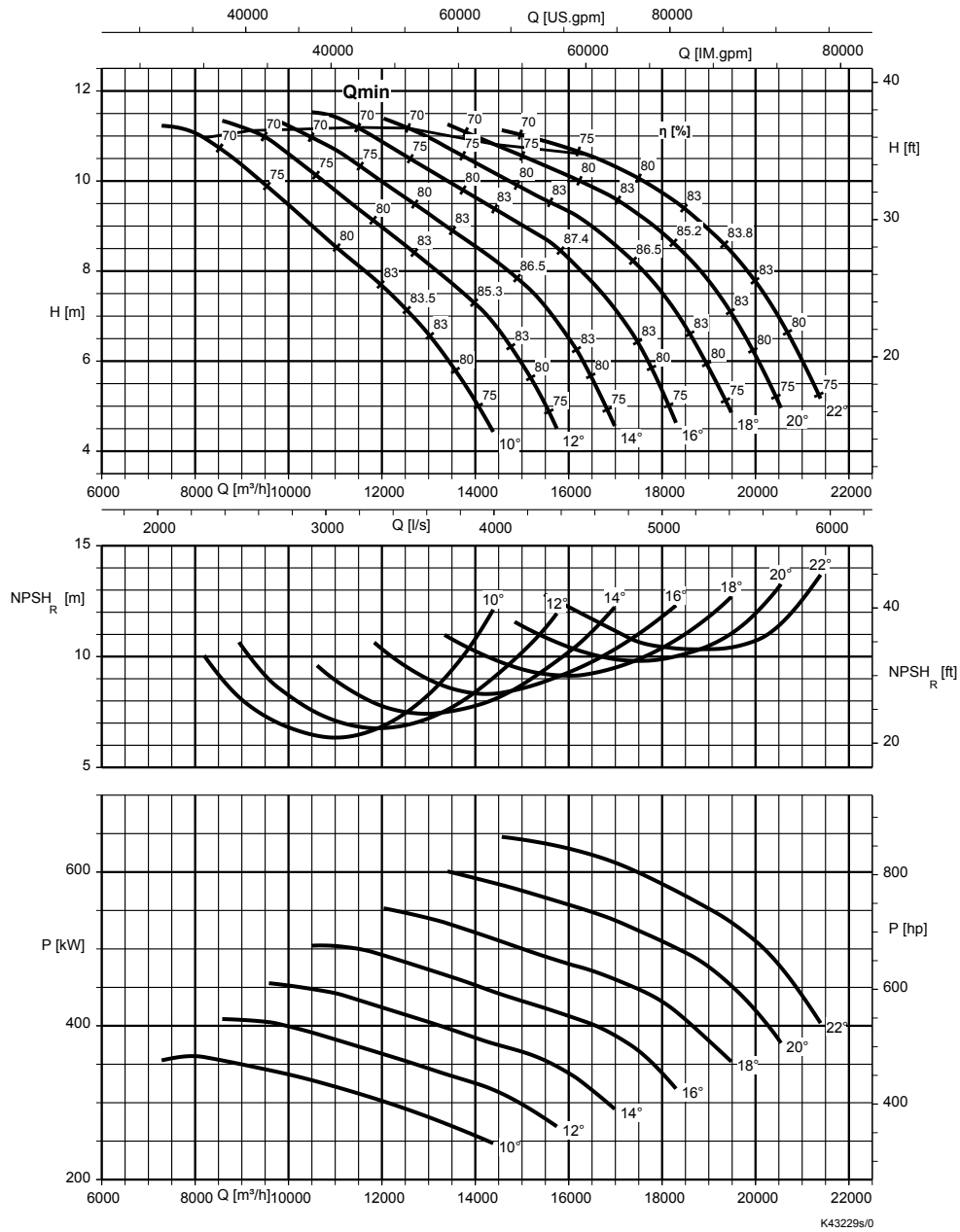
Rated power P_2 and mass moment of inertia $J^{44)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J
	UTG	XTG	[kgm ²]
PB4 1500-1060 / 370 12	370	370	98,3
PB4 1500-1060 / 410 12	410	410	101,0

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

Amacan PB4 1600-1060, n = 485 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
22	255	14	195
20	240	12	180
18	225	10	165
16	210		

Rated power P_2 and mass moment of inertia $J^{45)}$

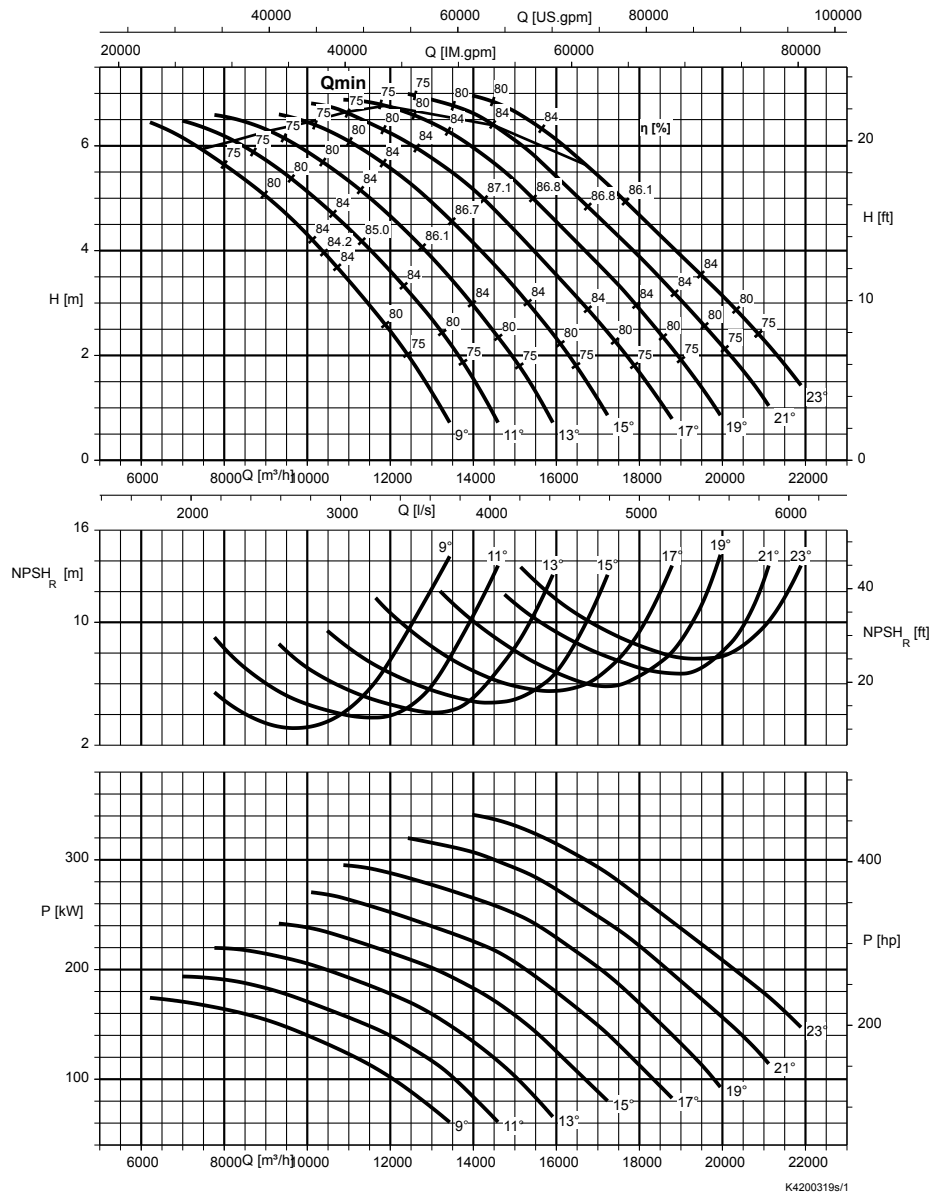
Size	Rated power P_2 [kW]		Mass moment of inertia J [kgm ²]
	UTG	XTG	
PB4 1600-1060 / 450 12	450	-	117,8
PB4 1600-1060 / 500 12	500	-	123,4
PB4 1600-1060 / 560 12	560	-	129,1
PB4 1600-1060 / 620 12	620	-	134,6
PB4 1600-1060 / 680 12	680	-	140,1

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

n = 415 rpm

Amacan PA4 1500-1060, n = 415 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
23	255	15	195
21	240	13	180
19	225	11	165
17	210	9	150

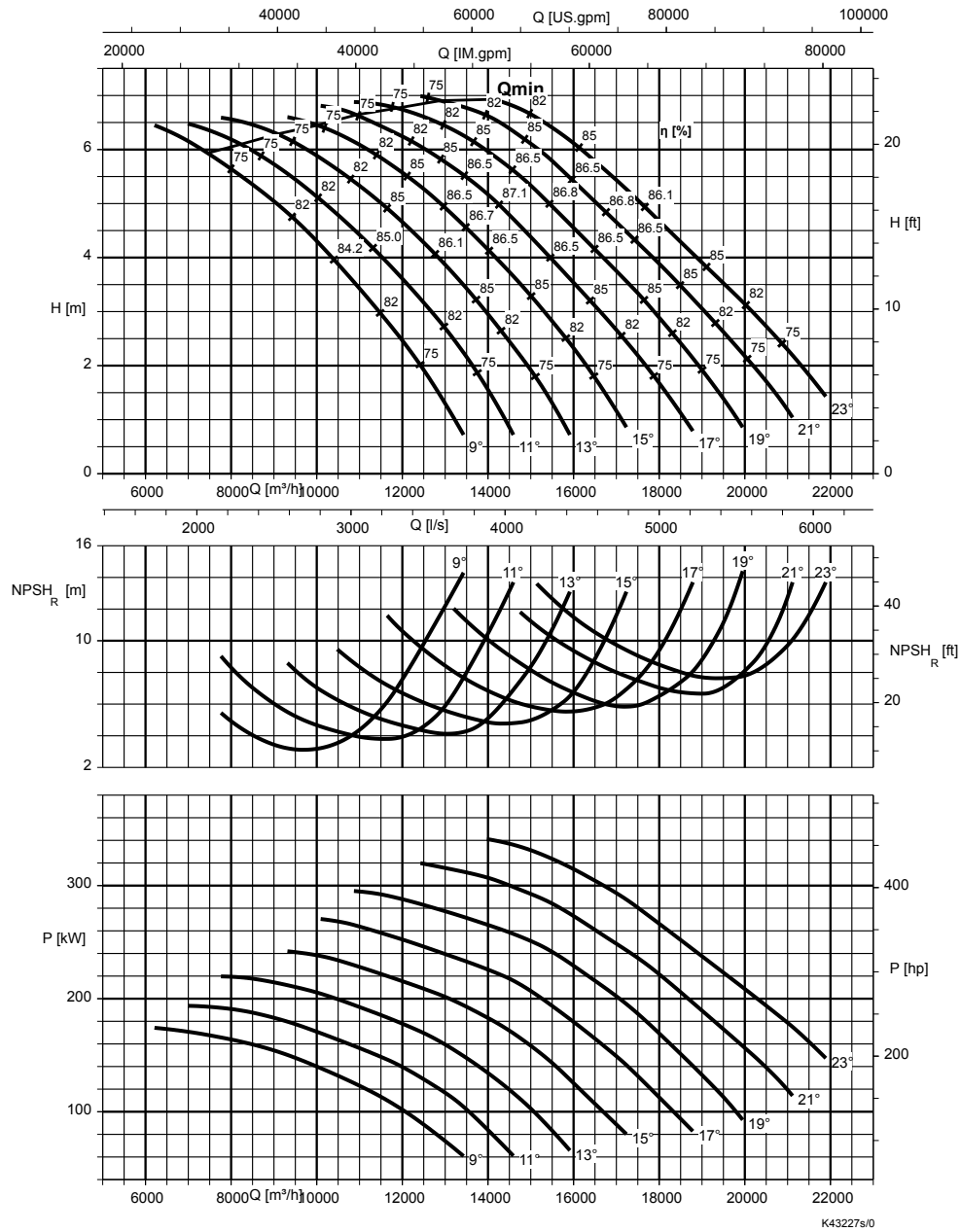
Rated power P_2 and mass moment of inertia $J^{46)}$

Size	Rated power P_2 [kW]		Mass moment of inertia J
	UTG	XTG	[kgm ²]
PA4 1500-1060 / 210 14	210	210	95,7
PA4 1500-1060 / 270 14	270	270	98,3
PA4 1500-1060 / 340 14	330	330	101,0

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

Amacan PA4 1600-1060, n = 415 rpm

Characteristic curves in acc. with ISO 9906 / 2 / 2B. n = speed



Free passage

Angle [°]	Free passage [mm]	Angle [°]	Free passage [mm]
23	255	15	195
21	240	13	180
19	225	11	165
17	210	9	150

Rated power P₂ and mass moment of inertia J⁴⁷⁾

Size	Rated power P ₂ [kW]		Mass moment of inertia J [kgm²]
	UTG	XTG	
PA4 1600-1060 / 370 14	370	-	111,3
PA4 1600-1060 / 410 14	410	-	122,8

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