Submersible Motor Pump

Amarex KRT

60 Hz

Characteristic Curves Booklet

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Characteristic Curves Booklet Amarex KRT

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Amarex KRT K 350-503, n = 875 rpm ... 286
Amarex KRT K 350-632, n = 875 rpm ... 288
Amarex KRT K 350-710, n = 875 rpm ... 290
Amarex KRT K 400-500, n = 875 rpm ... 292
Amarex KRT K 400-632, n = 875 rpm ... 294
Amarex KRT K 400-900, n = 875 rpm ... 296
Amarex KRT K 401-710, n = 875 rpm ... 298
Amarex KRT K 401-713, n = 875 rpm ... 300
Amarex KRT K 500-634, n = 875 rpm ... 302
Amarex KRT K 501-710, n = 875 rpm ... 304
Amarex KRT K 350-500, n = 700 rpm ... 306
Amarex KRT K 350-503, n = 700 rpm ... 308
Amarex KRT K 400-500, n = 700 rpm ... 310
Amarex KRT K 500-634, n = 700 rpm ... 312
Amarex KRT K 501-900, n = 700 rpm ... 314
Amarex KRT K 600-520, n = 700 rpm ... 316
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Waste Water

Submersible Motor Pump

Amarex KRT

Related documents

Document	Reference number
Type series booklet	2553.524

Selection information

- The indicated heads and performance data apply to material variant *G*, for fluids with a density ρ = 1 kg/dm³ and a kinematic viscosity v ≦ 20 mm²/s.

Impeller type

- S, F, E and D impellers can only be supplied with the documented impeller diameters. Indicate the pump set designation and the impeller diameter in the purchase order.
- K and D-max impellers are trimmed to the duty point. Indicate the H/Q data or the impeller diameter in the purchase order. In the hydraulic selection program, the impeller diameter is automatically computed based on the H/Q data and added to the designation of the pump set.

Pump input power

- Adjust the power input to the density of the fluid handled: P_2 (required) = ρ [kg/dm³] (fluid handled) × P_2 (documented)
- Select the operating point with the largest power input within an operating range. Select a motor size providing a power reserve to compensate for the tolerances in the system characteristic / pump characteristic.

Table 1: Recommended motor power reserve[1)]

P_2		Reserve	
[hp]	[kW]	Mains operation	With frequency inverter
≤ 40	≤ 30	10 %	15 %
> 40	> 30	5 %	10 %

- For installation types D and K (with cooling jacket) with motors UN/XN/YN, always add a power reserve of 2 hp [1.5 kW] for the cooling circuit.
- The motors are suitable for operation on a frequency inverter.
- The service factor for all motors equals 1.15.

In the case of waste water, too low a flow velocity in the discharge line will lead to clogging and increased wear. The minimum flow velocity required in vertical risers was determined experimentally as a function of the pipe diameter used and shown to be between 3.9 ft/s [1.2 m/s] for nominal size 100 and 7.9 ft/s [2.4 m/s] for nominal size 1000. For more information on flow velocities required in horizontal and vertical discharge lines refer to "KSB Know-how: Planning Information for Amarex KRT Submersible Motor Pumps".

In the case of waste water, too low a circumferential speed of the impeller will lead to clogging of the hydraulic system (operation on frequency inverter). A minimum circumferential speed (measured at the outside diameter of the impeller) of 39,4 ft/s [12 m/s] must be observed.[2)]

2553.460/08-EN-US

1 If larger power reserves are stipulated by local regulations, these larger reserves must be provided.
2 For F impellers, a circumferential speed below 39.4 ft/s [12 m/s] is permissible.

Designation

Example: Amarex KRT K 150-503/155 4 UN G-D IE3

Table 2: Designation key

Code	Description	
Amarex KRT	Type series	
K	Impeller type	
	S/S-max	Impeller with cutter
	F/F-max	Vortex impeller
	E/E-max	Closed single-channel impeller
	D/D-max	Open diagonal single-vane impeller / open radial multi-vane impeller
	K/K-max	Closed multi-channel impeller
150	Nominal discharge nozzle diameter [mm]	
503	Maximum nominal impeller diameter [mm]	
155	Motor size	
4	Number of motor poles	
UN	Motor version	
	UN/UE	Non-explosion-proof, for fluid temperatures of up to 40 °C[3]
	UF	Non-explosion-proof, for fluid temperatures of up to 40 °C, ambient temperatures of up to 55 °C
	WN/WE	Non-explosion-proof, for fluid temperatures of up to 60 °C[3]
	XN/XE	Explosion protection FM APPROVED or CSP Explosion-proof Class I, Division I, Groups C & D, T3, for fluid temperatures of up to 40 °C[3]
	XF	Explosion protection FM APPROVED or CSP Explosion-proof Class I, Division I, Groups C & D, T3, for fluid temperatures of up to 40 °C, ambient temperatures of up to 55 °C
	ZN/ZE	Explosion protection FM APPROVED or CSP Explosion-proof Class I, Division I, Groups C & D, T3, for fluid temperatures of up to 60 °C[3]
G	Material variant	
	G	Standard variant, gray cast iron
	G1	Like G, impeller made of duplex stainless steel
	G2	Like G, impeller made of white cast iron
	GH	Like G, impeller and discharge cover made of white cast iron
	H	Wetted components made of white cast iron
	C1	Wetted parts made of duplex stainless steel, mechanical seal with elastomer bellows, bolts/screws made of A4
	C2	Wetted parts made of duplex stainless steel, mechanical seal with covered spring, bolts/screws made of 1.4462
D	Installation type	
	D	Stationary dry installation, vertical (S1 duty)
	H	Stationary dry installation, horizontal (S1 duty)
	K	Stationary wet installation (S1 duty with motor outside of the fluid possible) with guide cable arrangement or guide rail arrangement
	S	Stationary wet installation (S1 duty with submerged motor) with guide cable arrangement or guide rail arrangement
	P	Wet installation of transportable model (S1 duty with submerged motor)
IE3	Motor efficiency classification[4]	
	[5]	No efficiency classification
	IE3	Premium Efficiency

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3 Maximum fluid temperature and ambient temperature

4 The IEC 60034-30 standard is not binding for submersible motor pumps. Efficiencies are calculated / determined by analogy with the measurement method specified in IEC 60034-2. The marking is used for submersible motors that achieve efficiency levels similar to those of standardized motors acc. to the IEC 60034-30 standard.

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Overview of sizes

Table 3: Overview of sizes for Amarex KRT 60 Hz - speeds 3500, 1750, 1160

Size	Speed [rpm]														
	3500					1750					1160				
	Impeller type					Impeller type					Impeller type				
	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max
40-252	⇨22	⇨28	-	-	⇨180	-	⇨36	-	-	⇨184	-	-	-	-	-
50-215	-	-	-	-		-	⇨38	-	-	-	-	-	-	-	-
50-216	⇨24	-	-	-	-	-	⇨40	-	-	-	-	-	-	-	-
65-215	-	-	-	-	-	-	⇨42	-	-	-	-	-	-	-	-
65-216	-	-	⇨70	-	-	-	-	⇨74	-	-	-	-	-	-	-
65-217	-	⇨30	-	-	-	-	⇨44	-	-	-	-	-	-	-	-
80-216	-	-	⇨72	-	-	-	⇨46	⇨76	-	-	-	-	-	-	-
80-217	-	⇨32	-	-	-	-	⇨48	-	-	-	-	-	-	-	-
80-252	-	-	-	-	-	-	⇨50	-	-	-	-	⇨62	-	-	-
80-253	-	⇨34	-	-	⇨182	-	-	⇨78	-	-	-	-	⇨84	-	-
80-315	-	-	-	-	-	-	-	-	⇨98	⇨188	-	-	-	-	-
80-317	-	-	-	-	-	-	⇨52	-	⇨100	-	-	-	-	⇨106	-
100-215	-	-	-	-	-	-	⇨54	-	-	-	-	-	-	-	-
100-253	-	-	-	-	-	-		⇨80	⇨102	⇨186	-	-	⇨86	⇨108	⇨214
100-254	-	-	-	-	-	-	⇨56	-	-	-	-	-	-	-	-
100-315	-	-	-	-	-	-	-	-	⇨104	-	-	-	-	-	-
100-316	-	-	-	-	-	-	⇨58	-	-	⇨190	-	-	-	⇨110	-
100-317	-	-	-	-	-	-	-	⇨82	-	-	-	-	⇨88	-	-
100-400	-	-	-	-	-	-	-	-	-	⇨192	-	-	-	-	⇨216
100-401	-	-	-	-	-	-	⇨60	-	-	⇨194	-	-	-	-	⇨218
100-403	-	-	-	-	-	-	-	-	⇨132	-	-	-	-	⇨142	-
150-253	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨112	-
150-315	-	-	-	-	-	-	-	-	-	-	-	⇨64	-	⇨114	-
150-317	-	-	-	-	-	-	-	-	⇨134	⇨196	-	-	⇨90	⇨144	⇨220
150-400	-	-	-	-	-	-	-	-	-	⇨198	-	-	-	⇨116	⇨222
150-401	-	-	-	-	-	-	-	-	-	-	-	⇨66	⇨92	⇨118	-
150-403	-	-	-	-	-	-	-	-	⇨136	⇨200	-	-	-	⇨146	⇨224
150-503	-	-	-	-	-	-	-	-	⇨138	⇨202	-	-	-	-	-
151-403	-	-	-	-	-	-	-	-	-	⇨204	-	-	-	-	⇨226
200-315	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨120	⇨228
200-316	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨230
200-317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨232
200-318	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨234

Size	Speed [rpm]														
	3500					1750					1160				
	Impeller type					Impeller type					Impeller type				
	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max
200-400	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨122	-
200-401	-	-	-	-	-	-	-	-	-	-	-	-	⇨94	-	-
200-402	-	-	-	-	-	-	-	-		⇨206	-	-	-	⇨148	⇨236
200-403	-	-	-	-	-	-	-	-	-	⇨208	-	-	-	-	⇨238
200-405	-	-	-	-	-	-	-	-	⇨140	-	-	-	-	⇨150	-
200-503	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨152	-
200-504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨240
200-505	-	-	-	-	-	-	-	-	-	⇨210	-	-	-	⇨152	⇨242
250-400	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨124	-
250-401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨244
250-402	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨154	-
250-403	-	-	-	-	-	-	-	-	-	⇨212	-	-	-	-	⇨246
250-632	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨248
300-400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨250
300-401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨252
300-402	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨156	-
300-403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨254
300-420	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨256
300-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨258
300-502	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨158	-
300-505	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨160	⇨260
350-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨262
350-503	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨162	⇨264
350-633	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨266
350-713	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨268
401-713	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨270

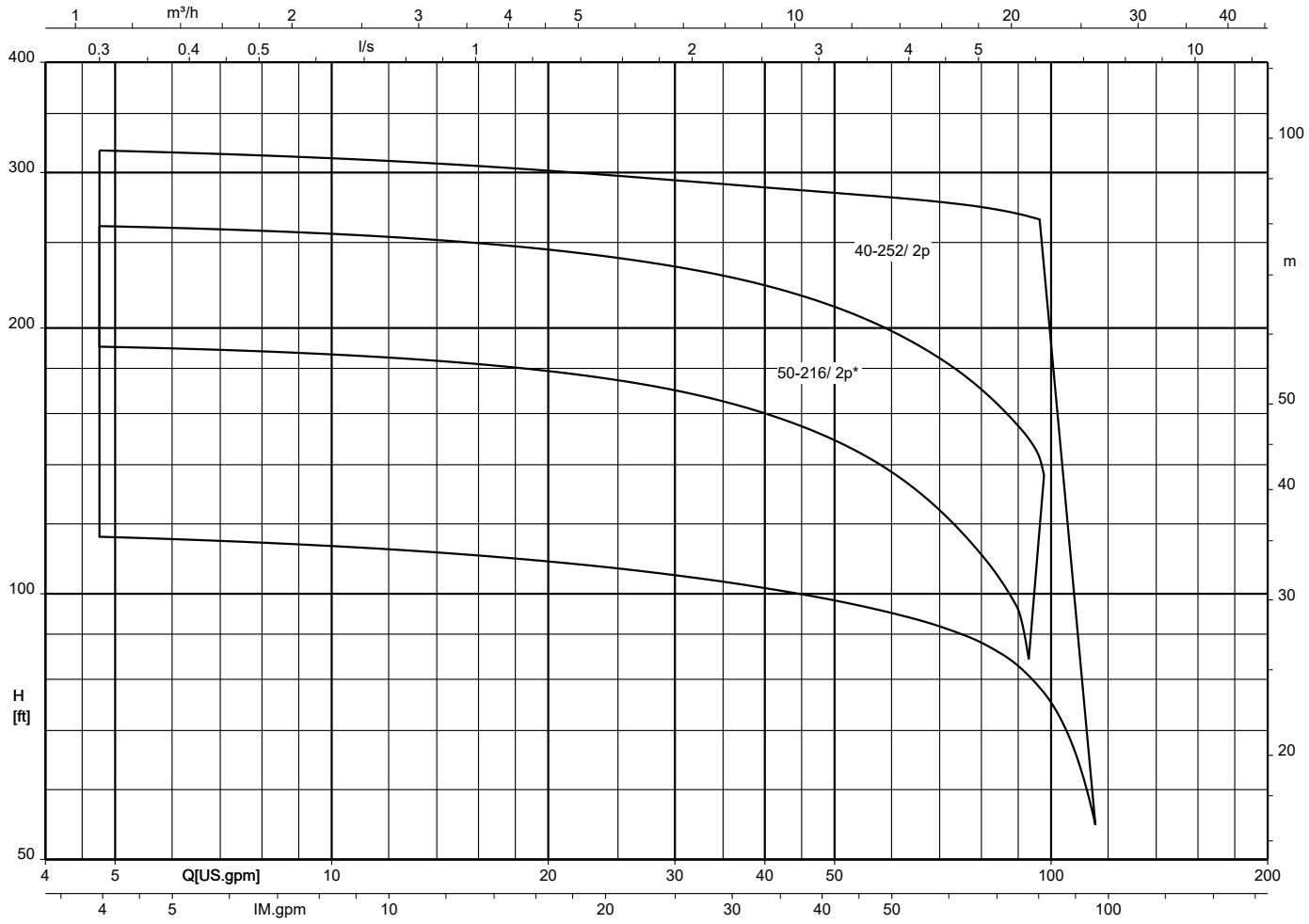
Table 4: Overview of sizes for Amarex KRT 60 Hz - speeds 875, 700, 585

Size	Speed [rpm]														
	875					700					585				
	Impeller type					Impeller type					Impeller type				
	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max
40-252	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50-216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50-215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65-215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65-216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65-217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80-216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80-217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80-252	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80-253	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80-315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80-317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100-215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100-253	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100-254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100-315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100-316	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100-317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100-401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150-253	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150-315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150-317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150-401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200-401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250-400	-	-	-	⇨126	-	-	-	-	-	-	-	-	-	-	-
250-402	-	-	-	⇨164	-	-	-	-	-	-	-	-	-	-	-
250-403	-	-	-	-	⇨272	-	-	-	-	-	-	-	-	-	-
250-900	-	-	-	-	⇨274	-	-	-	-	-	-	-	-	-	-
300-400	-	-	-	⇨128	⇨276	-	-	-	-	-	-	-	-	-	-
300-401	-	-	-	-	⇨278	-	-	-	-	-	-	-	-	-	-
300-402	-	-	-	⇨166	-	-	-	-	-	-	-	-	-	-	-
300-403	-	-	-	-	⇨280	-	-	-	-	-	-	-	-	-	-
300-500	-	-	-	-	⇨282	-	-	-	-	-	-	-	-	-	-
300-502	-	-	-	⇨168	-	-	-	-	-	-	-	-	-	-	-
350-500	-	-	-	-	⇨284	-	-	-	-	⇨306	-	-	-	-	-

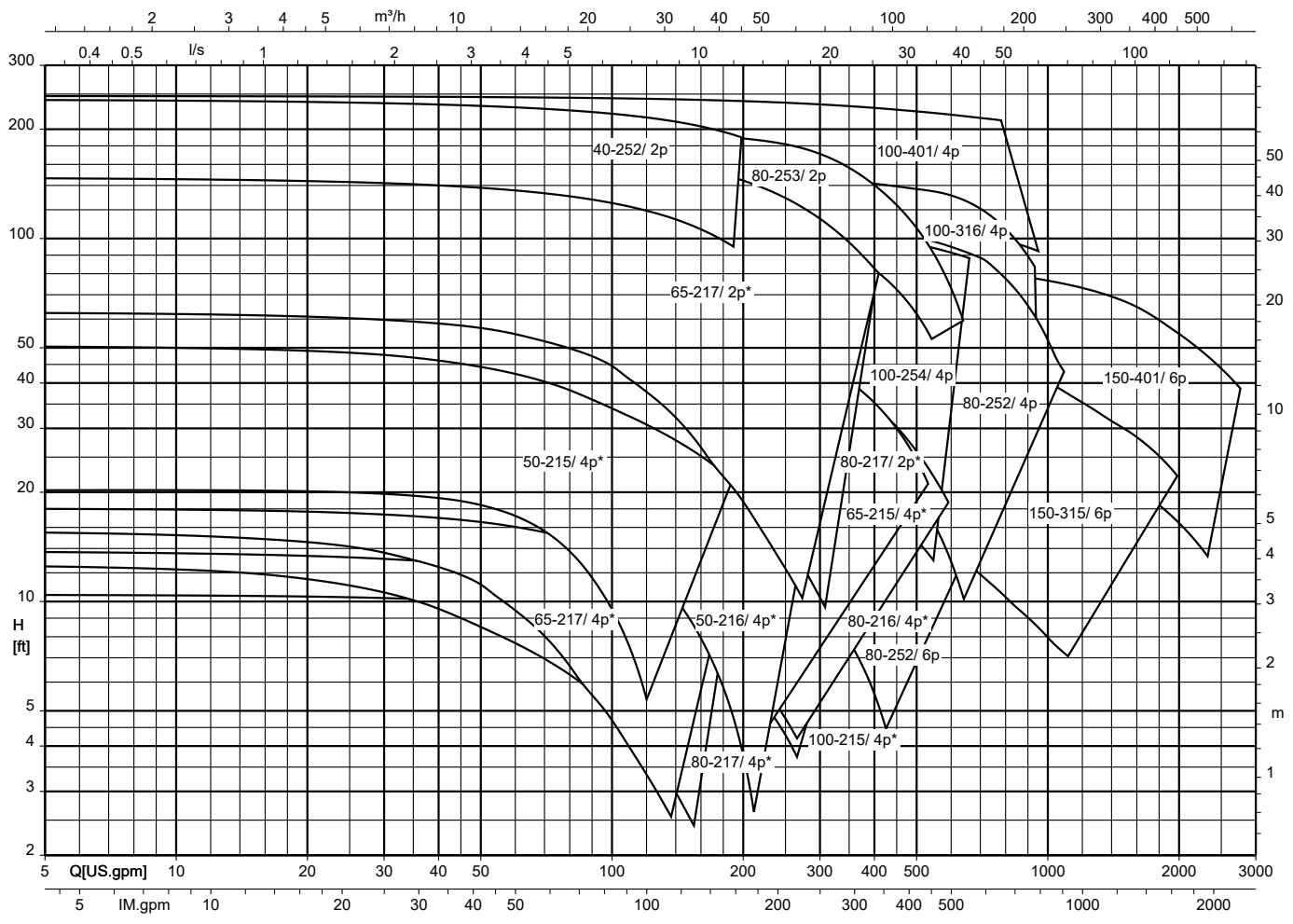
Size	Speed [rpm]														
	875					700					585				
	Impeller type					Impeller type					Impeller type				
	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max	S / S-max	F / F-max	E / E-max	D / D-max	K / K-max
350-502	-	-	-	⇨170	-	-	-	-	⇨174	-	-	-	-	-	-
350-503	-	-	-	⇨172	⇨286	-	-	-	⇨176	⇨308	-	-	-	-	-
350-632	-	-	-	-	⇨288	-	-	-	-	-	-	-	-	-	-
350-710	-	-	-	-	⇨290	-	-	-	-	-	-	-	-	-	-
400-500	-	-	-	-	⇨292	-	-	-	-	⇨310	-	-	-	-	-
400-632	-	-	-	-	⇨294	-	-	-	-	-	-	-	-	-	-
400-900	-	-	-	-	⇨296	-	-	-	-	-	-	-	-	-	-
401-710	-	-	-	-	⇨298	-	-	-	-	-	-	-	-	-	-
401-713	-	-	-	-	⇨300	-	-	-	-	-	-	-	-	-	-
500-634	-	-	-	-	⇨302	-	-	-	-	⇨312	-	-	-	-	-
501-710	-	-	-	-	⇨304	-	-	-	-	-	-	-	-	-	-
501-900	-	-	-	-	-	-	-	-	-	⇨314	-	-	-	-	⇨324
600-520	-	-	-	-	-	-	-	-	-	⇨316	-	-	-	-	-
600-710	-	-	-	-	-	-	-	-	-	⇨318	-	-	-	-	⇨326
700-901	-	-	-	-	-	-	-	-	-	⇨320	-	-	-	-	
700-902	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⇨328

Selection charts

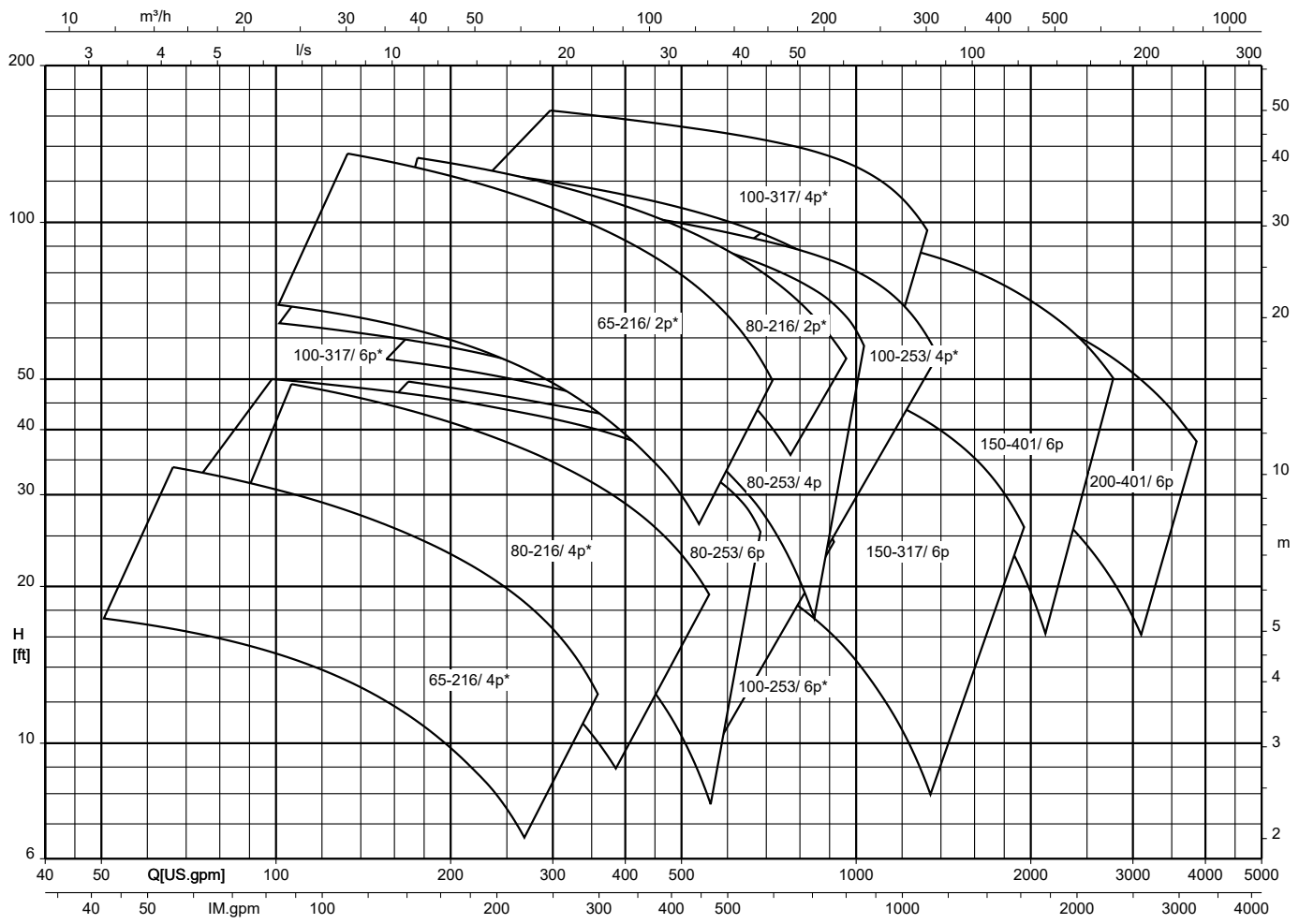
Amarex KRT S + *S-max, n = 3500 rpm



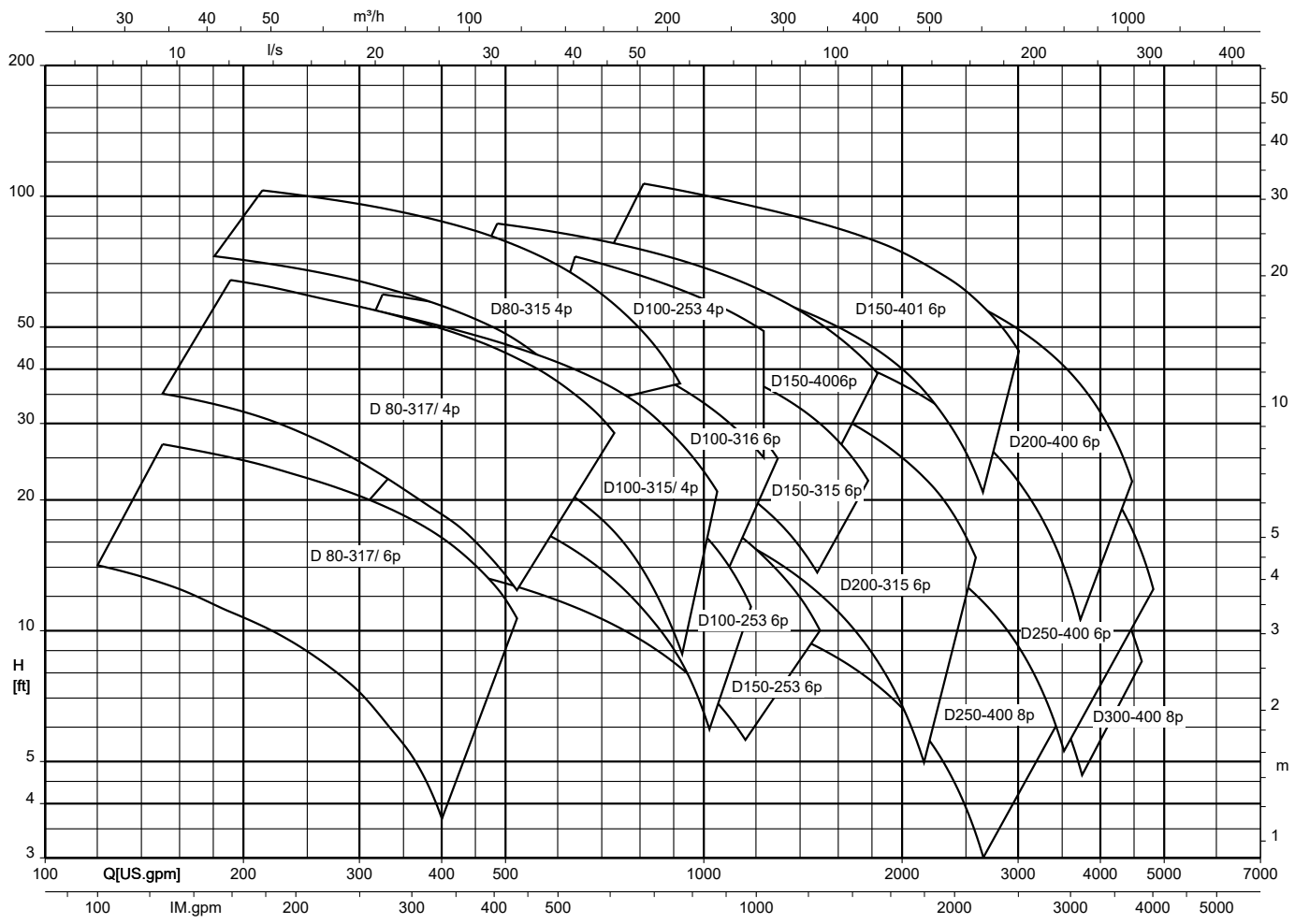
Amarex KRT F + *F-max, n = 3500/1750/1160 rpm



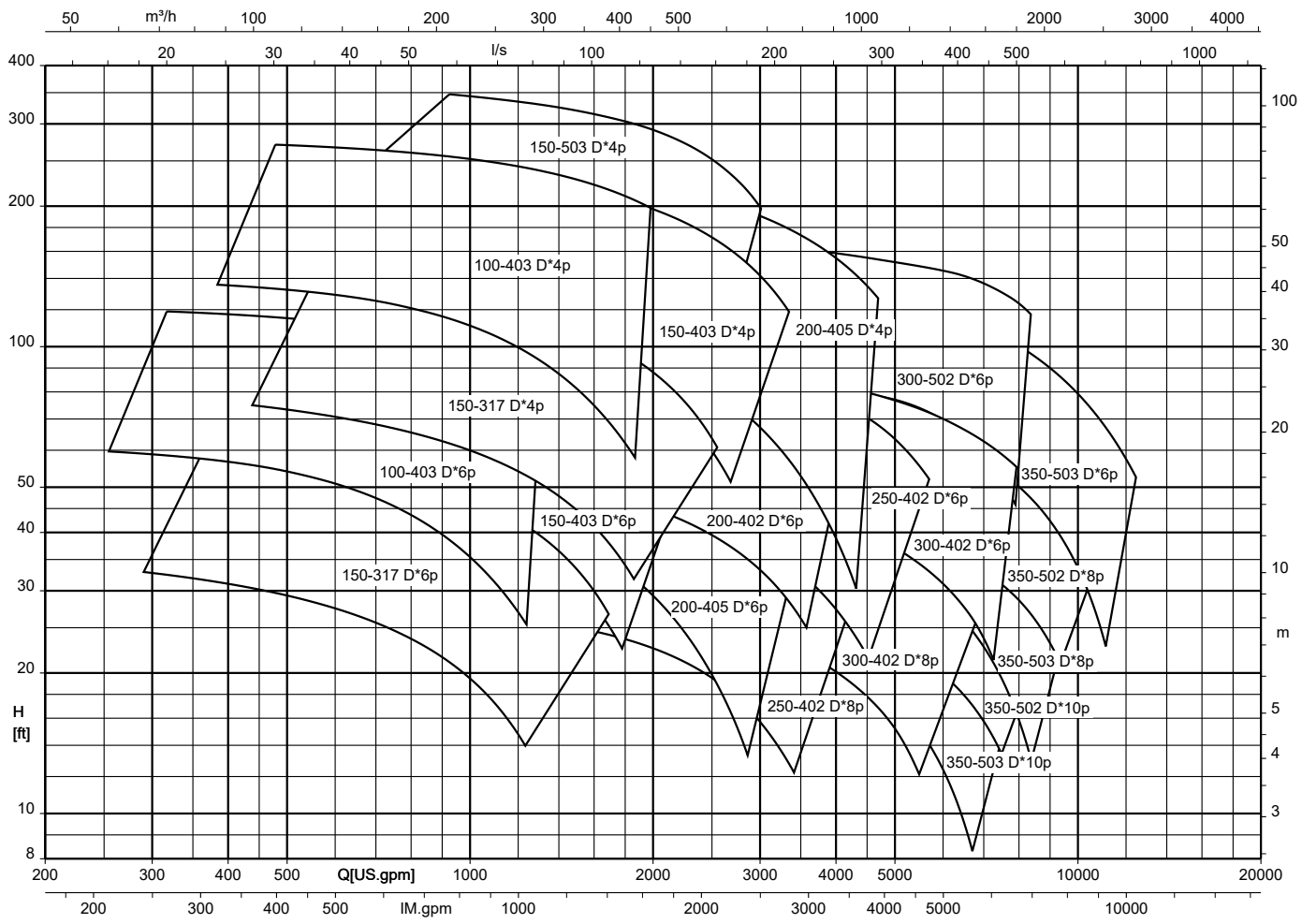
Amarex KRT E + *E-max, n = 3500/1750/1160 rpm



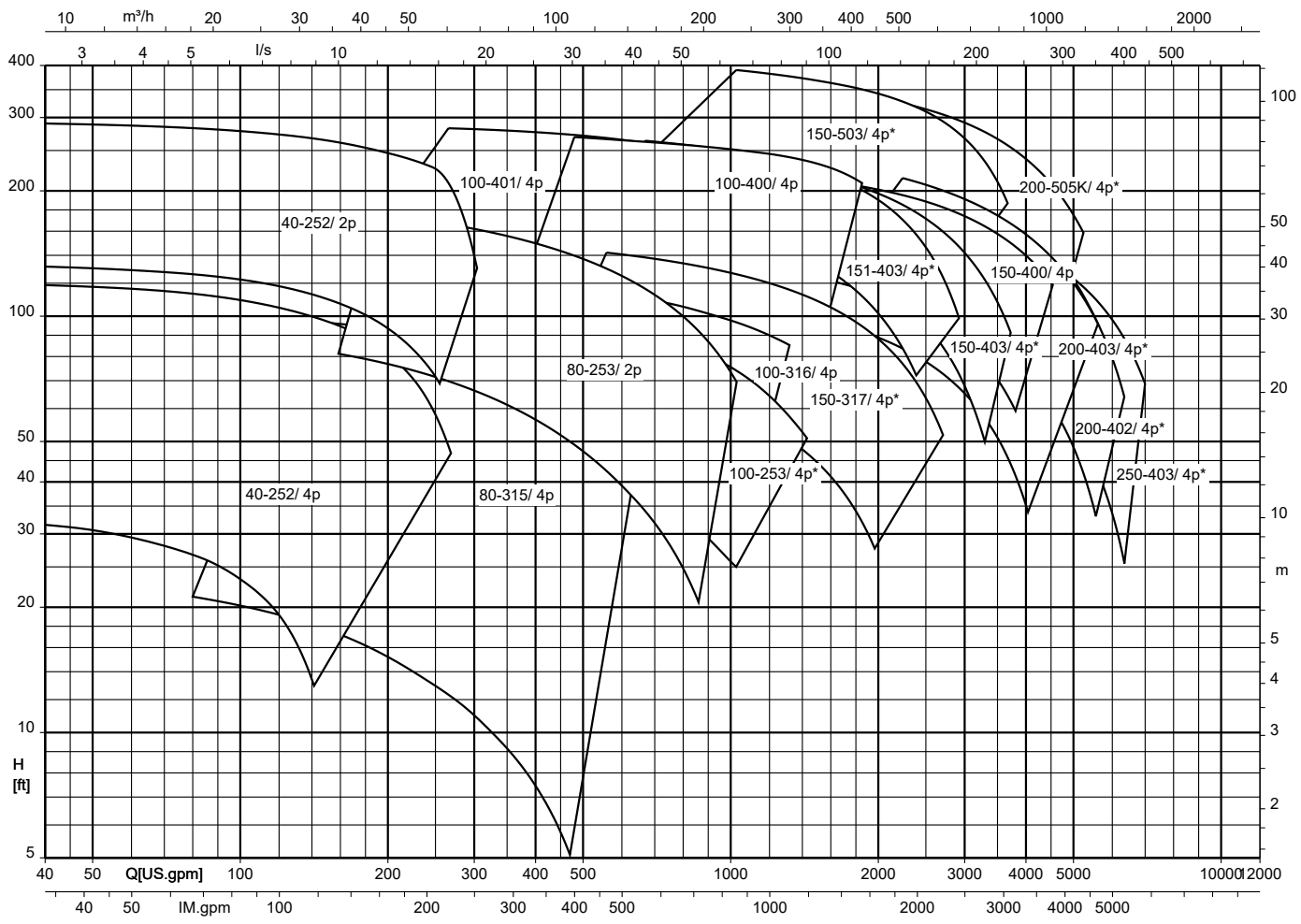
Amarex KRT D, n = 1750/1160/875 rpm



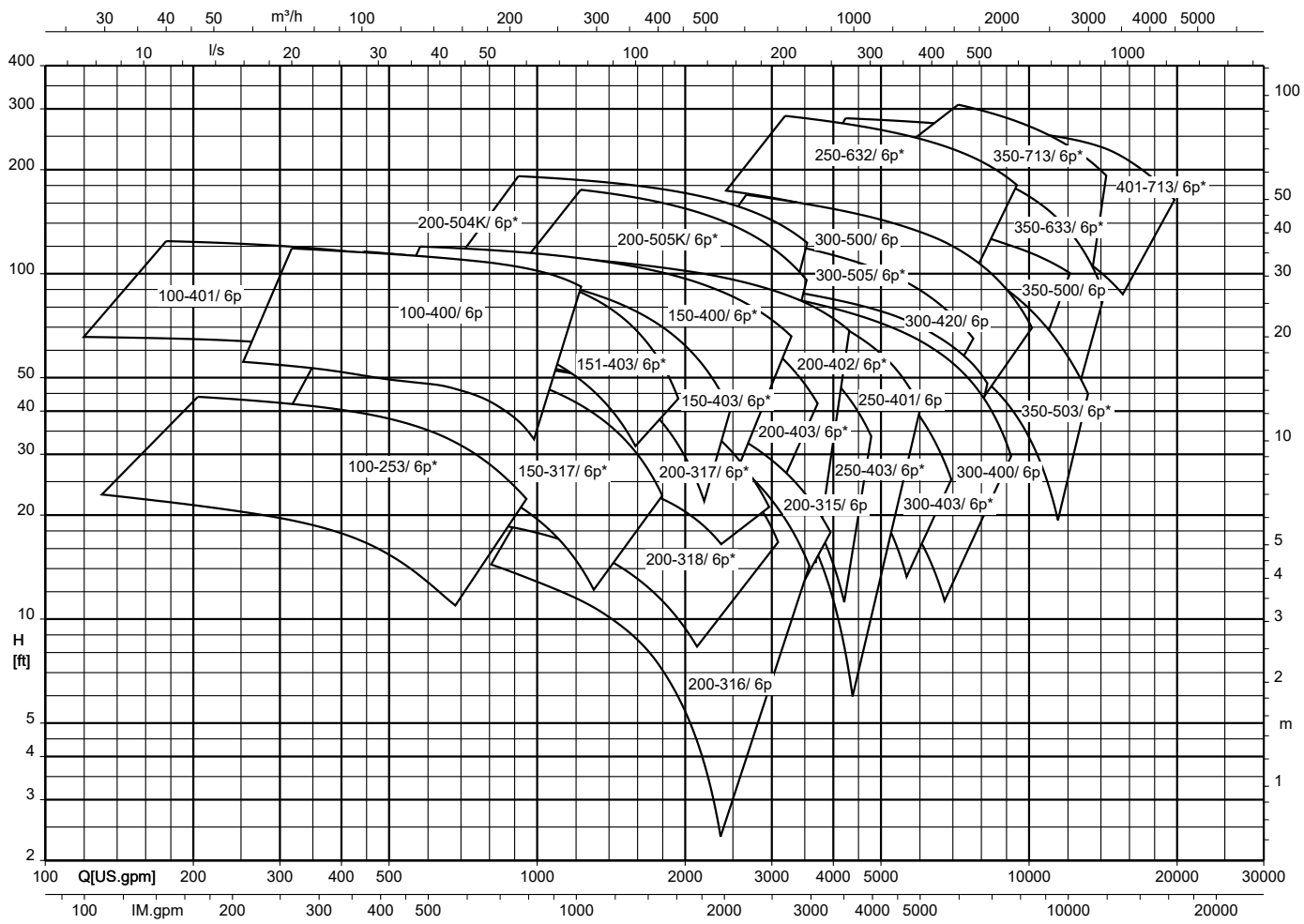
Amarex KRT D-max, n = 1750/1160/875/710 rpm



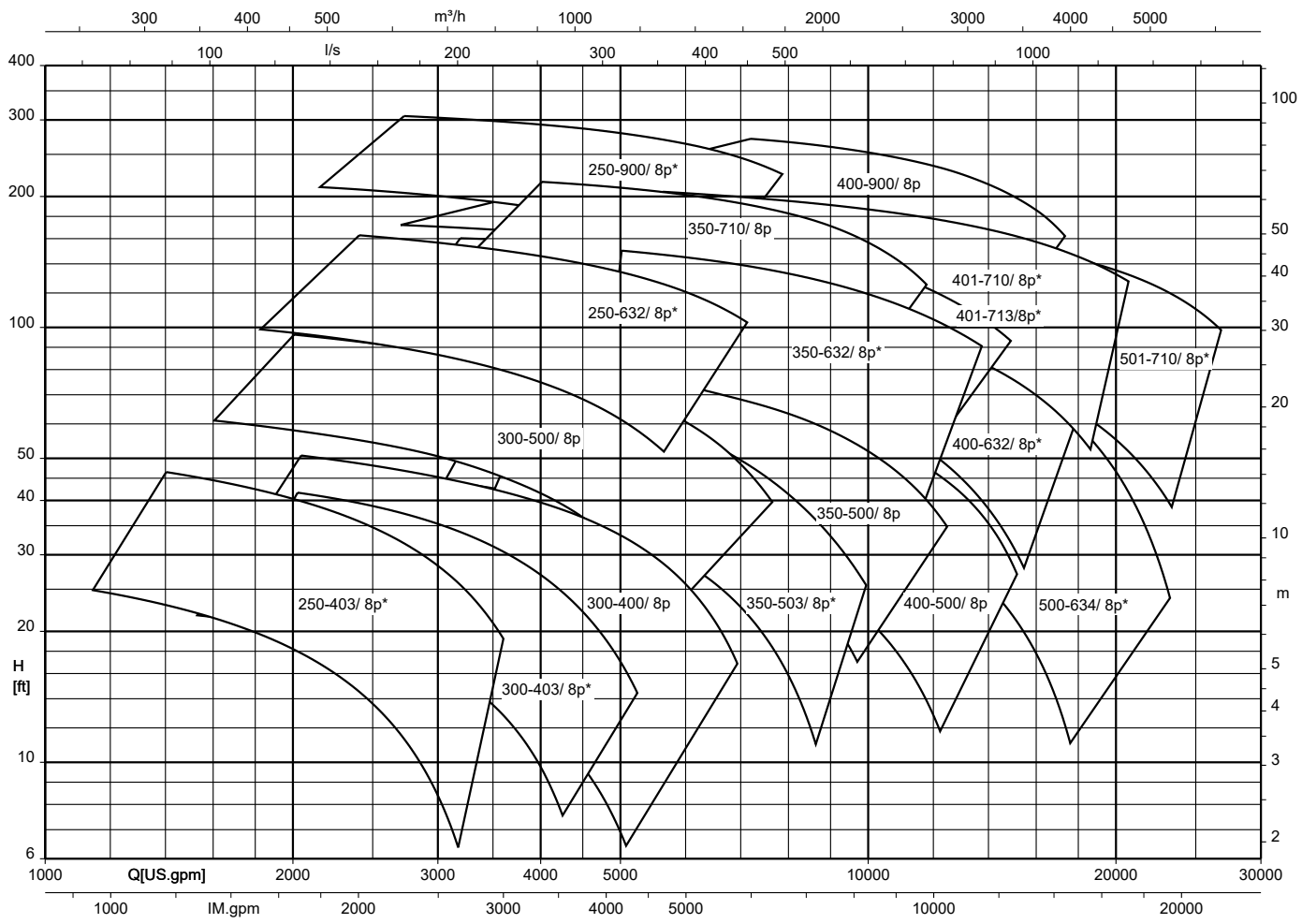
Amarex KRT K + *K-max 40-.../80-.../100-.../150-.../200-.../250-..., n = 3500/1750 rpm



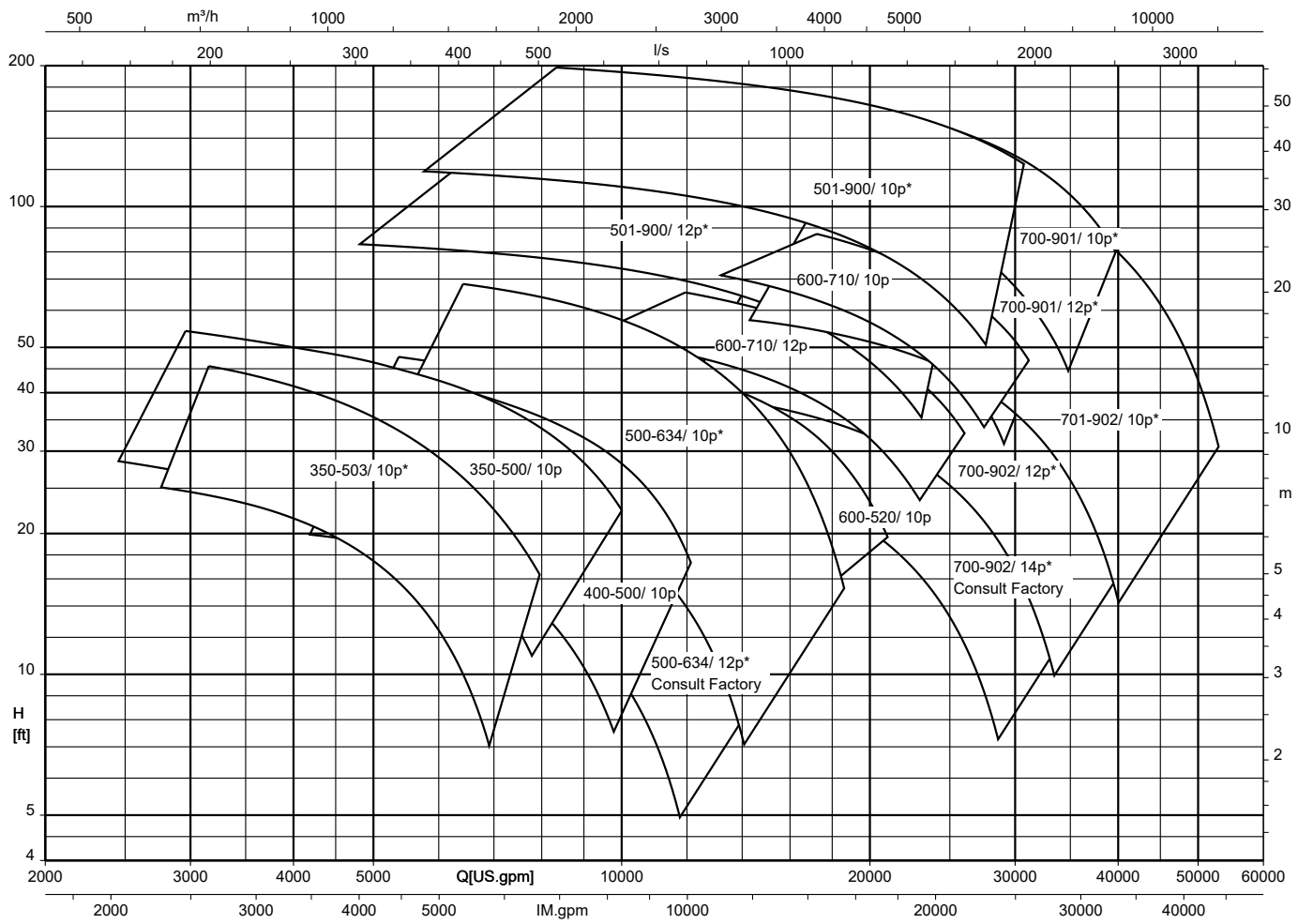
Amarex KRT K + *K-max 100-.../150-.../151-.../200-.../250-.../300-.../350-..., n = 1160 rpm



Amarex KRT K + *K-max 200-.../250-.../300-.../350-.../400-.../500-..., n = 875 rpm



Amarex KRT K + *K-max 350-.../500-.../600-.../700-..., n = 700/585/500 rpm



Characteristic curves

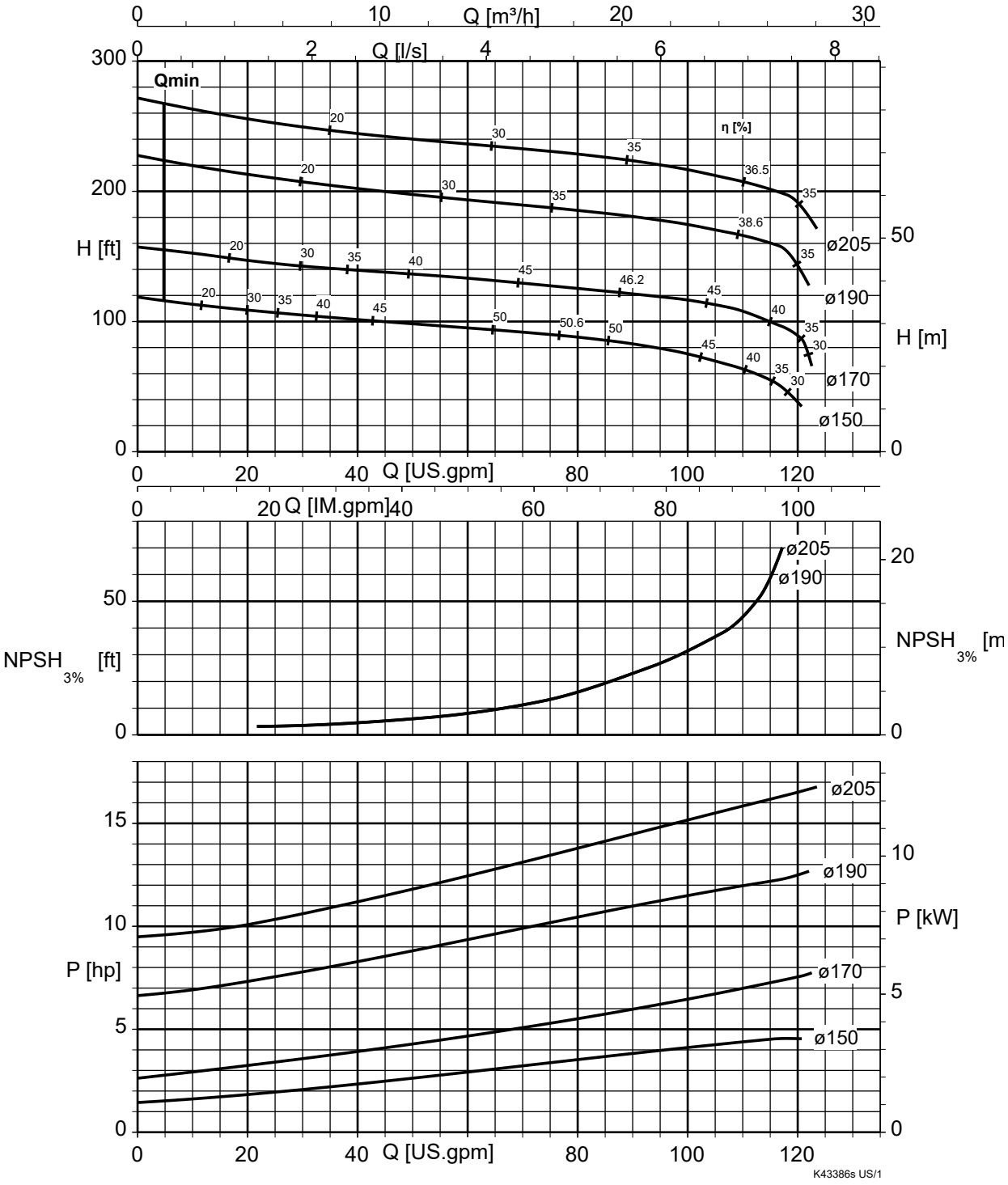
S impeller

Characteristic curves for S impeller

Fig. 1: S impeller

Amarex KRT S 40-252, n = 3500 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



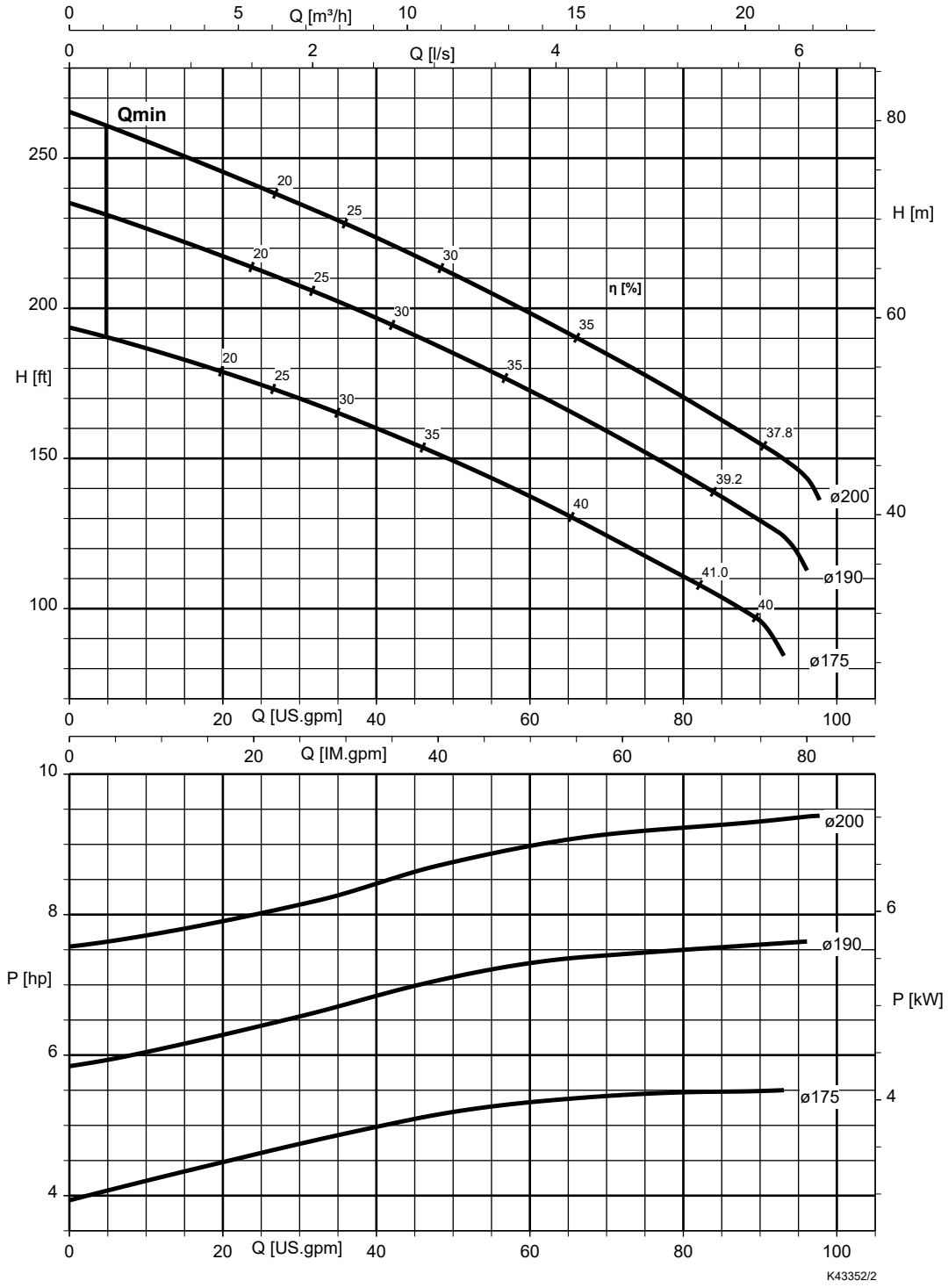
Free passage = 9/32 in [7 mm]

Table 5: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
42_E_	-	-	-	✗	✗
52_E_	-	-	-	✗	✗
72_E_	-	-	-	✗	✗
112_E_	-	-	-	✗	✗
152_E_	-	-	-	✗	✗
182_E_	-	-	-	✗	✗
222_E_	-	-	-	✗	✗
262_E_	-	-	-	✗	✗

Amarex KRT S 50-216, n = 3500 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 15/64 in [6 mm]

Table 6: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
42_E_	-	-	-	✗	✗
52_E_	-	-	-	✗	✗
72_E_	-	-	-	✗	✗
112_E_	-	-	-	✗	✗
152_E_	-	-	-	✗	✗
182_E_	-	-	-	✗	✗

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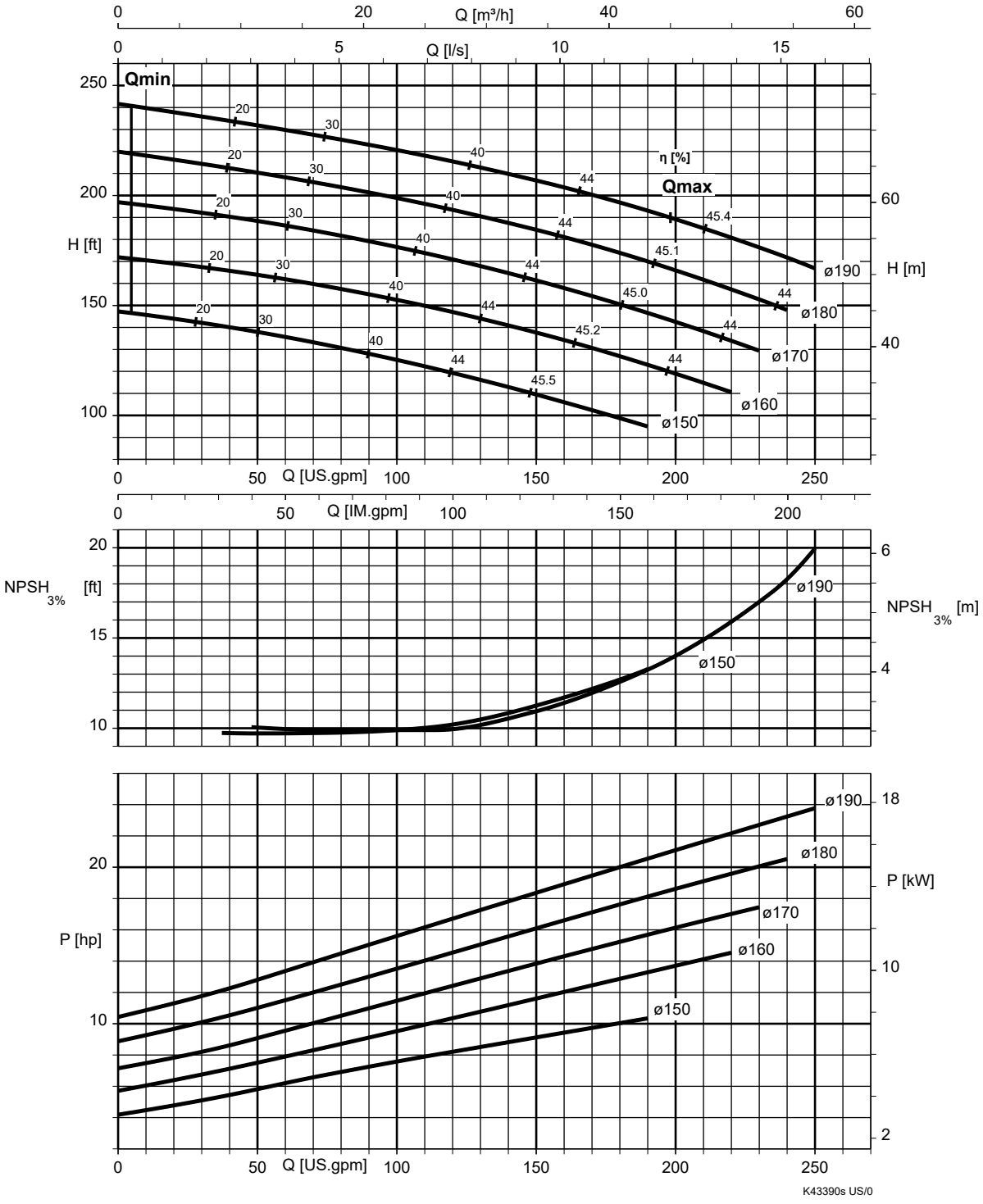
F impeller

Characteristic curves for F impeller

Fig. 2: F impeller

Amarex KRT F 40-252, n = 3500 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



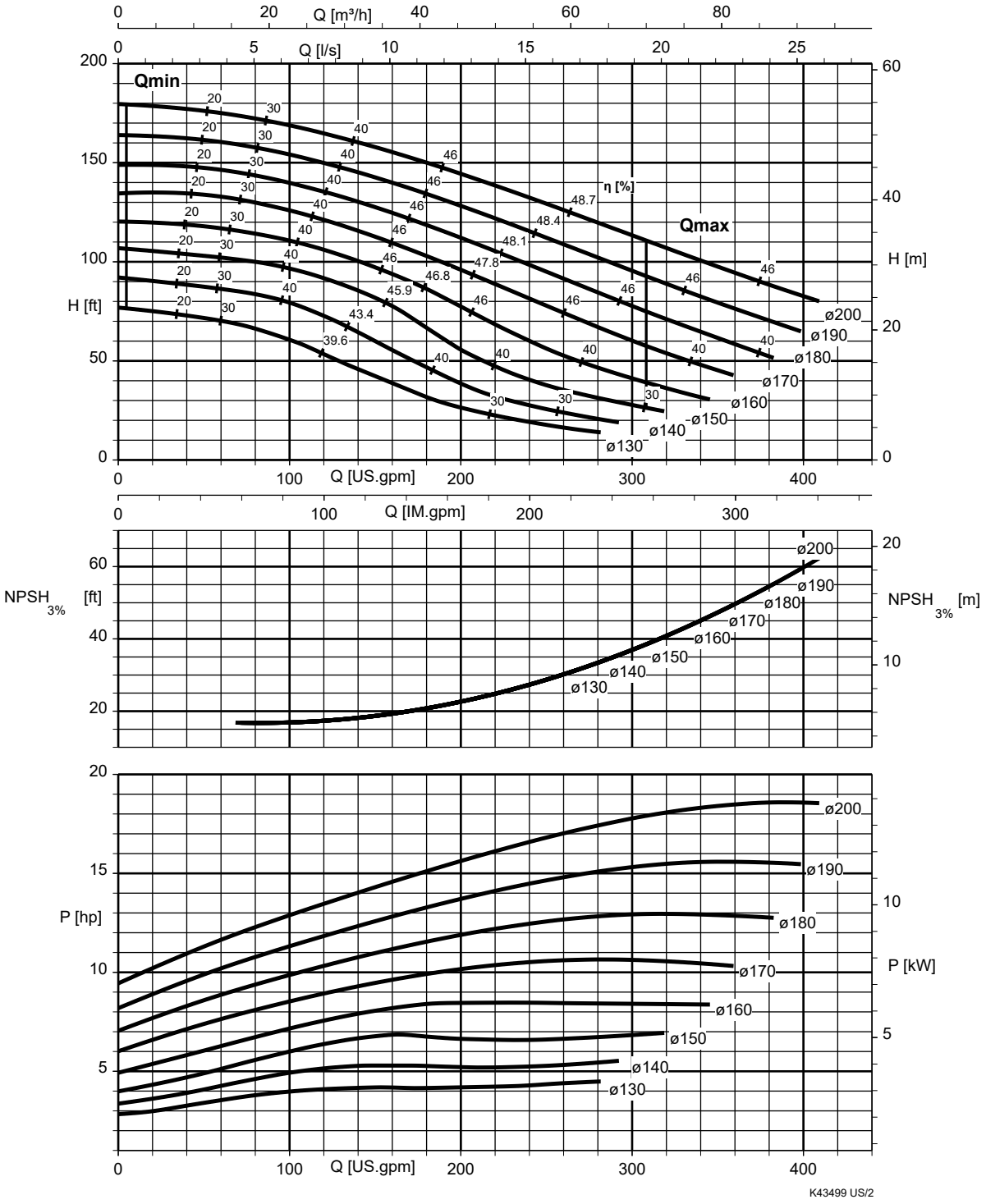
Free passage = 1 in [25 mm]

Table 7: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
42_E_	-	-	-	✗	✗	✗	✗
52_E_	-	-	-	✗	✗	✗	✗
72_E_	-	-	-	✗	✗	✗	✗
112_E_	✗	✗	✗	✗	✗	✗	✗
152_E_	✗	✗	✗	✗	✗	✗	✗
182_E_	✗	✗	✗	✗	✗	✗	✗
182_F_	✗	✗	✗	-	-	-	-
222_E_	✗	✗	✗	✗	✗	✗	✗
222_F_	✗	✗	✗	-	-	-	-
262_E_	✗	✗	✗	✗	✗	✗	✗
262_F_	✗	✗	✗	-	-	-	-

Amarex KRT F 65-217, n = 3500 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



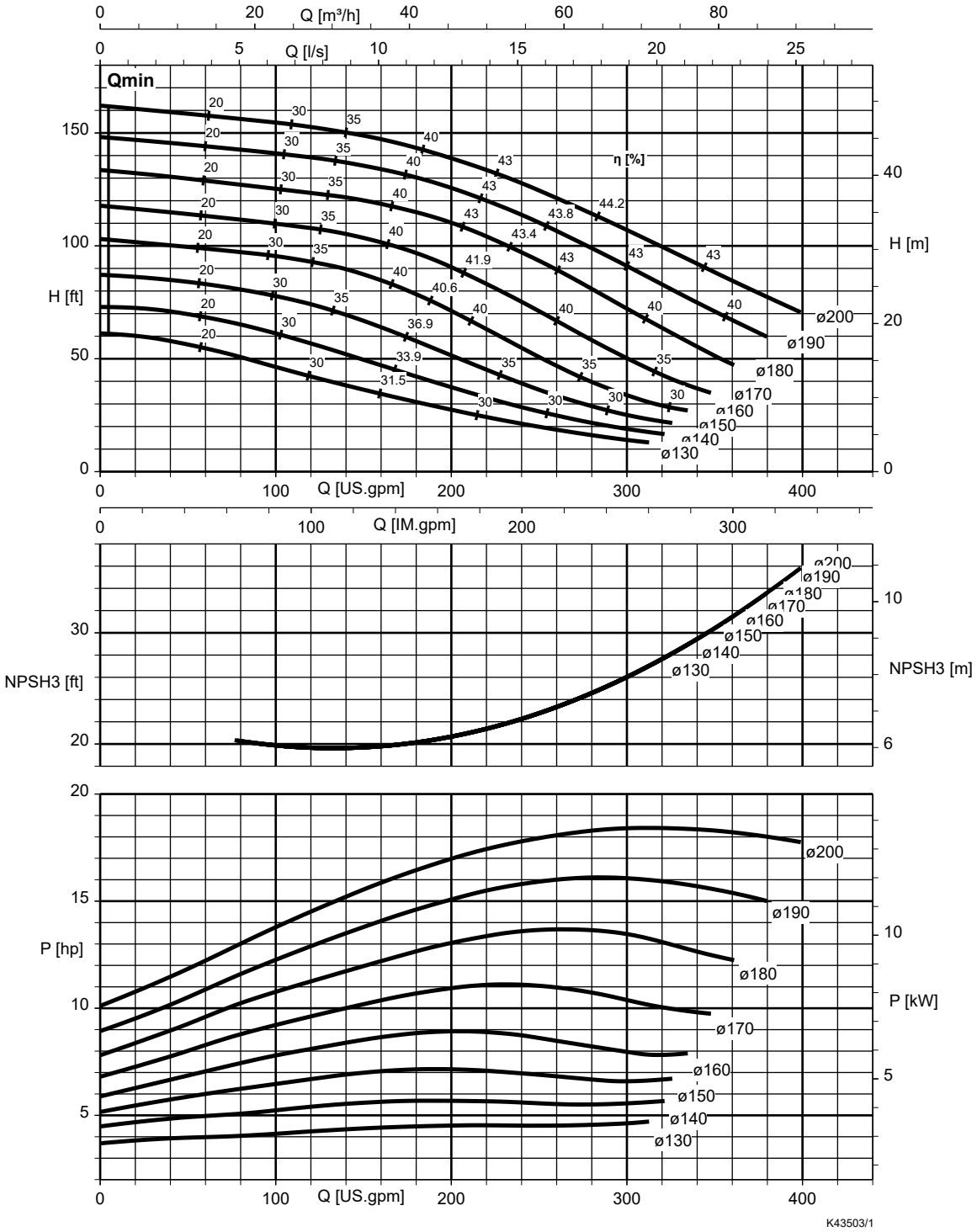
Free passage = 2 9/16 in [65 mm]

Table 8: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
32_E_	-	-	-	✗	✗
42_E_	-	-	-	✗	✗
52_E_	-	-	-	✗	✗
72_E_	-	-	-	✗	✗
112_E_	✗	✗	✗	✗	✗
152_E_	✗	✗	✗	✗	✗
182_E_	✗	✗	✗	✗	✗
222_E_	✗	✗	✗	✗	✗
262_E_	✗	✗	✗	✗	✗

Amarex KRT F 80-217, n = 3500 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 in [76 mm]

Table 9: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
32_E_	-	-	-	✗	✗
42_E_	-	-	-	✗	✗
52_E_	-	-	-	✗	✗
72_E_	-	-	-	✗	✗
112_E_	✗	✗	✗	✗	✗
152_E_	✗	✗	✗	✗	✗
182_E_	✗	✗	✗	✗	✗
222_E_	✗	✗	✗	✗	✗
262_E_	✗	✗	✗	✗	✗

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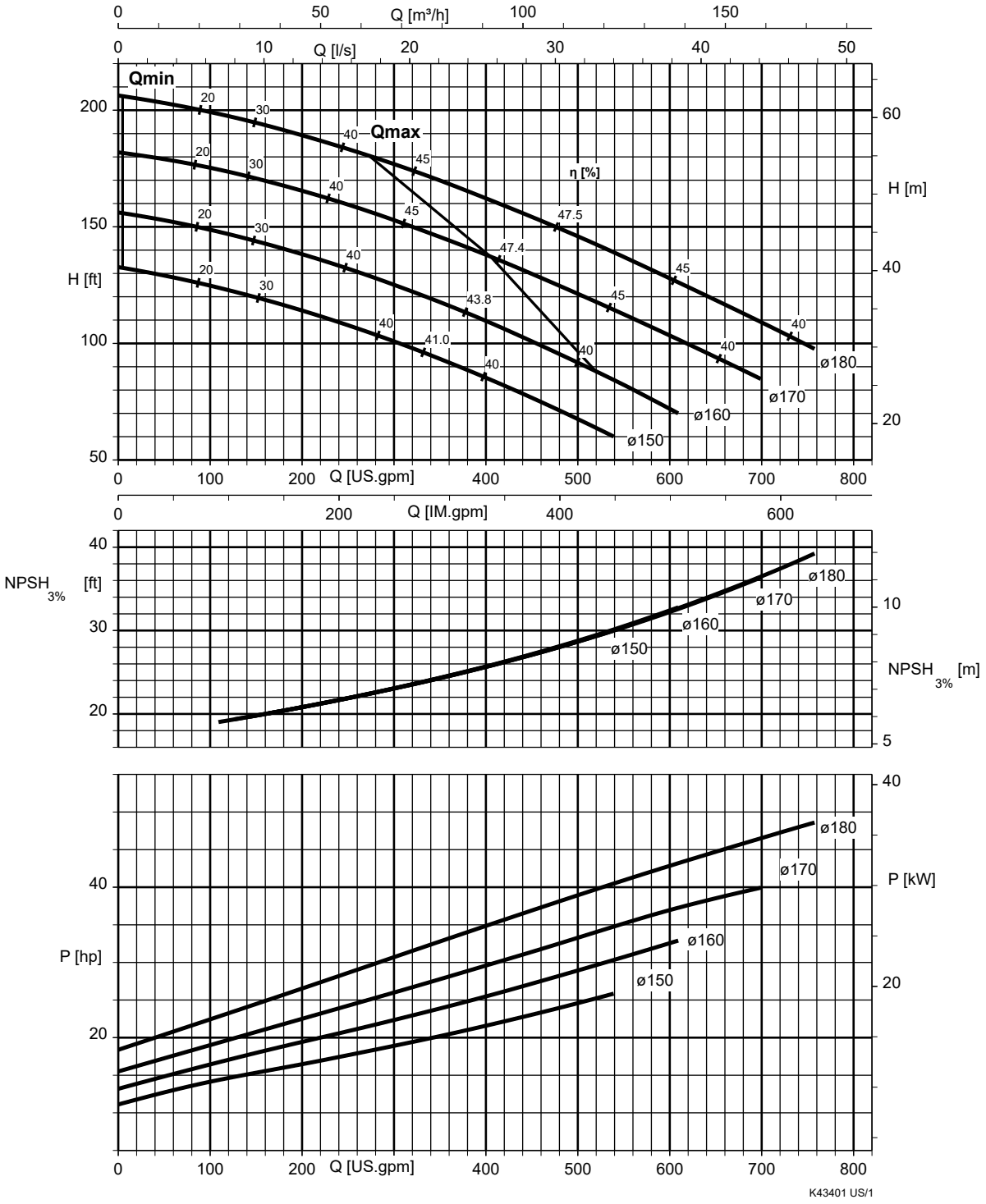
Amarex KRT F 80-253, n = 3500 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



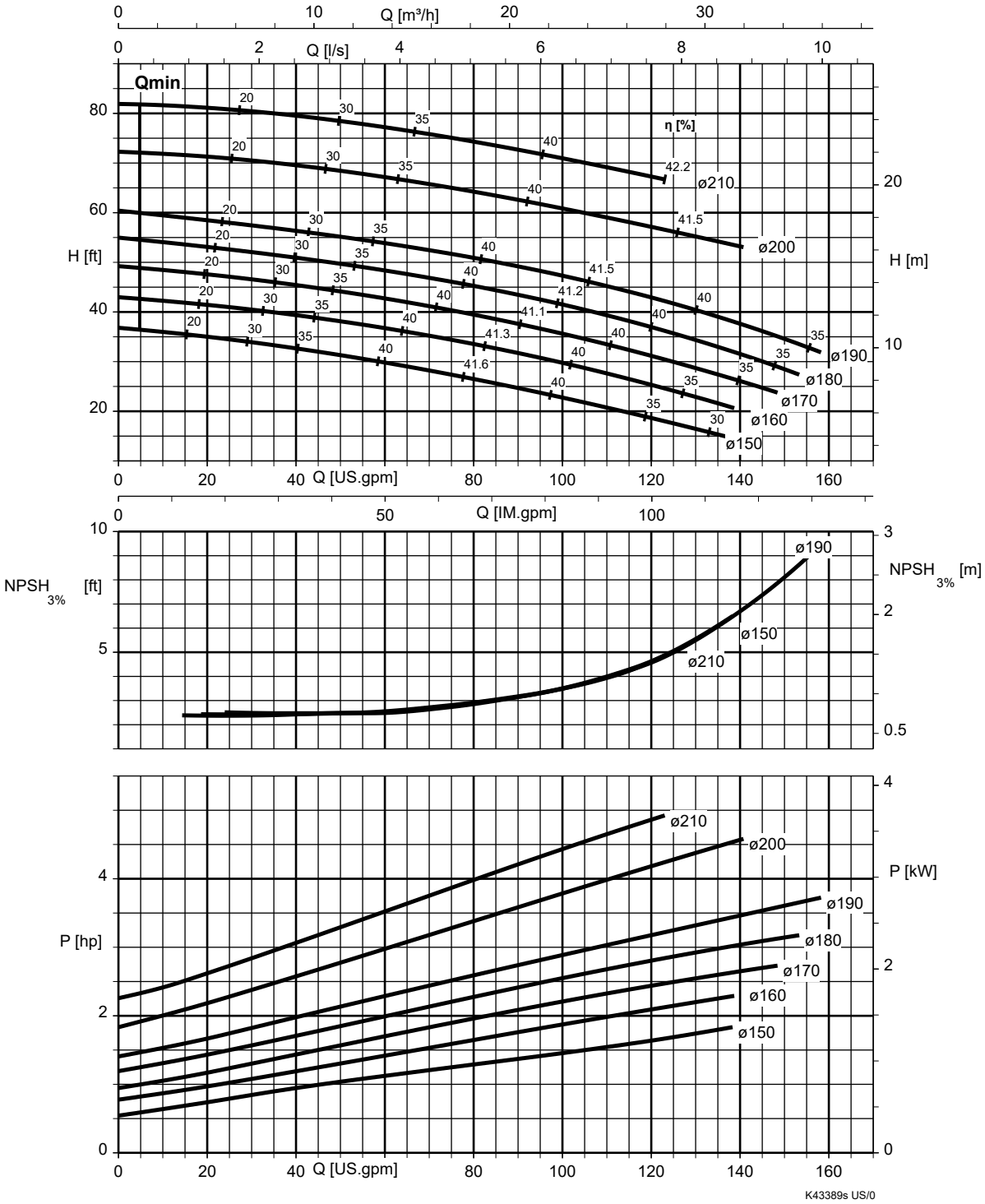
Free passage = 3 in [76 mm]

Table 10: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
152_E_	-	-	-	✗	✗	✗	✗
182_E_	-	-	-	✗	✗	✗	✗
182_F_	✗	✗	✗	-	-	-	-
222_E_	-	-	-	✗	✗	✗	✗
222_F_	✗	✗	✗	-	-	-	-
262_E_	-	-	-	✗	✗	✗	✗
262_F_	✗	✗	✗	-	-	-	-

Amarex KRT F 40-252, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



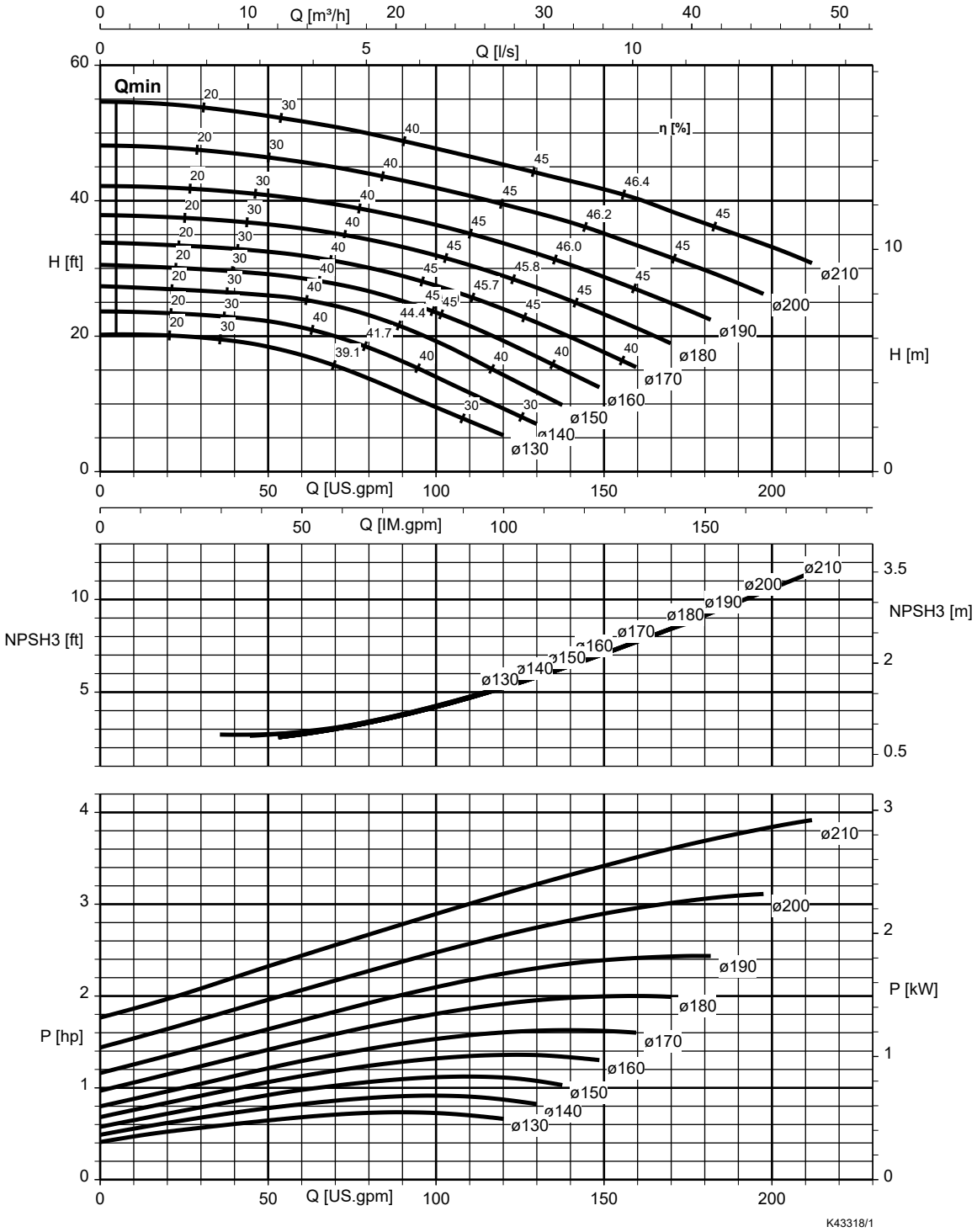
Free passage = 1 in [25 mm]

Table 11: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
44_E_	-	-	-	✗	✗	✗	✗
54_E_	-	-	-	✗	✗	✗	✗
74_E_	✗	✗	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗	-	-
154_F_	✗	✗	✗	-	-	-	-

Amarex KRT F 50-215, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



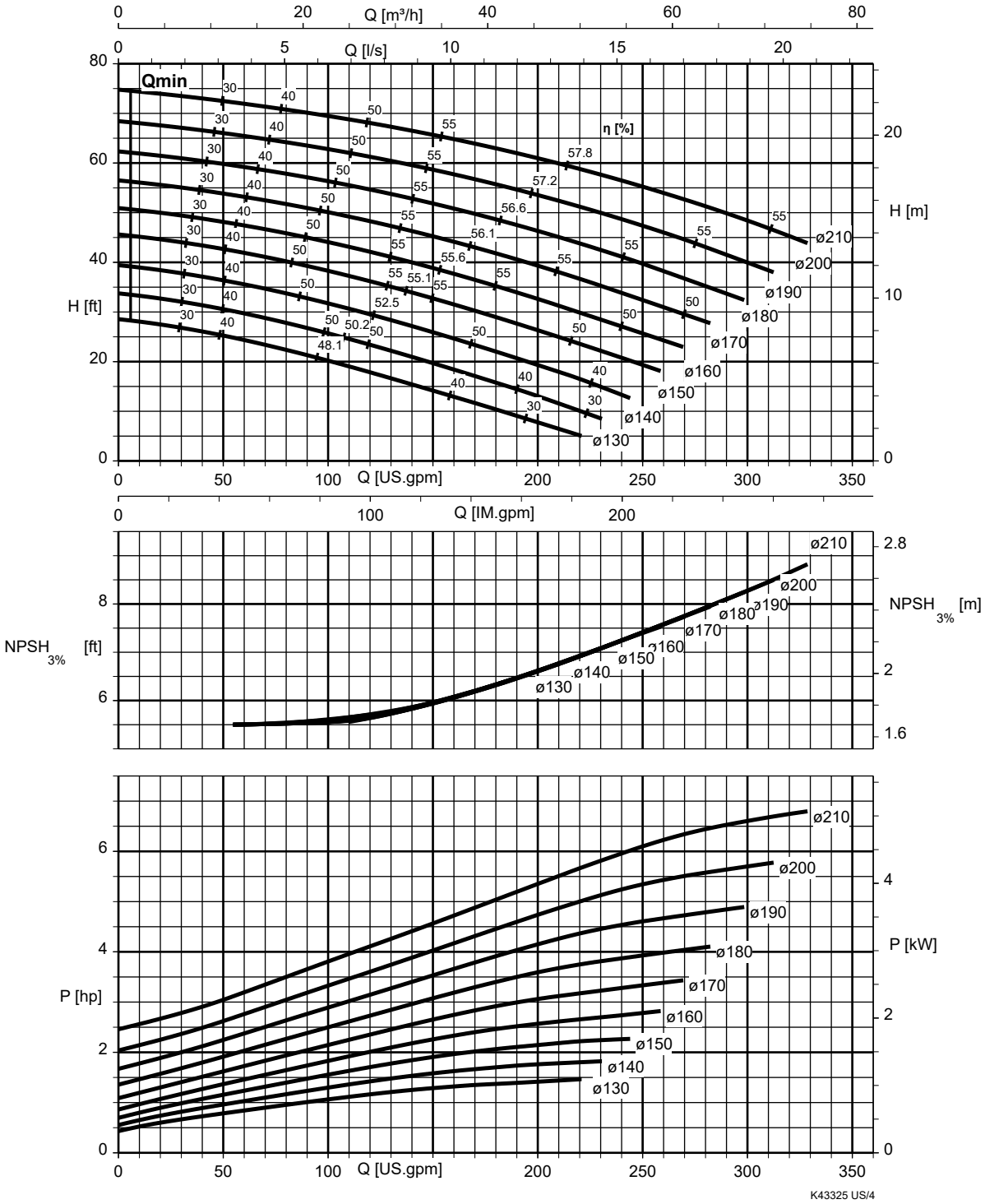
Free passage = 1 5/8 in [42 mm]

Table 12: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
24_E_	-	-	-	✗	✗	✗	✗
34_E_	-	-	-	✗	✗	✗	✗
44_E_	-	-	-	✗	✗	✗	✗
54_E_	-	-	-	✗	✗	✗	✗
74_E_	✗	✗	✗	✗	✗	-	-
114_E_	✗	✗	✗	✗	✗	-	-
154_E_	✗	✗	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗	-	-

Amarex KRT F 50-216, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



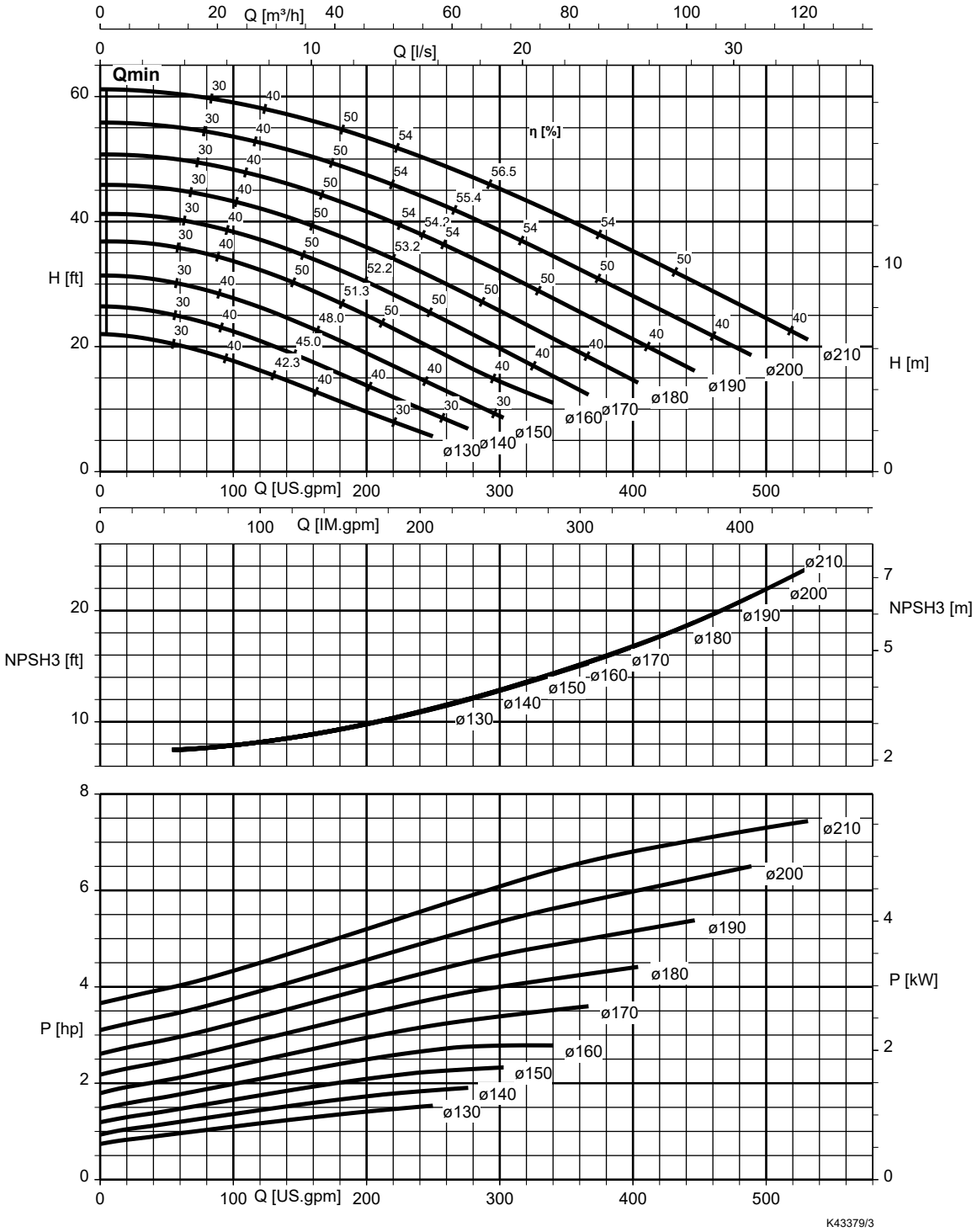
Free passage = 1 in [25 mm]

Table 13: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
24_E_	-	-	-	✗	✗	✗	✗
34_E_	-	-	-	✗	✗	✗	✗
44_E_	-	-	-	✗	✗	✗	✗
54_E_	-	-	-	✗	✗	✗	✗
74_E_	✗	✗	✗	✗	✗	-	-
114_E_	✗	✗	✗	✗	✗	-	-
154_E_	✗	✗	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗	-	-

Amarex KRT F 65-215, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



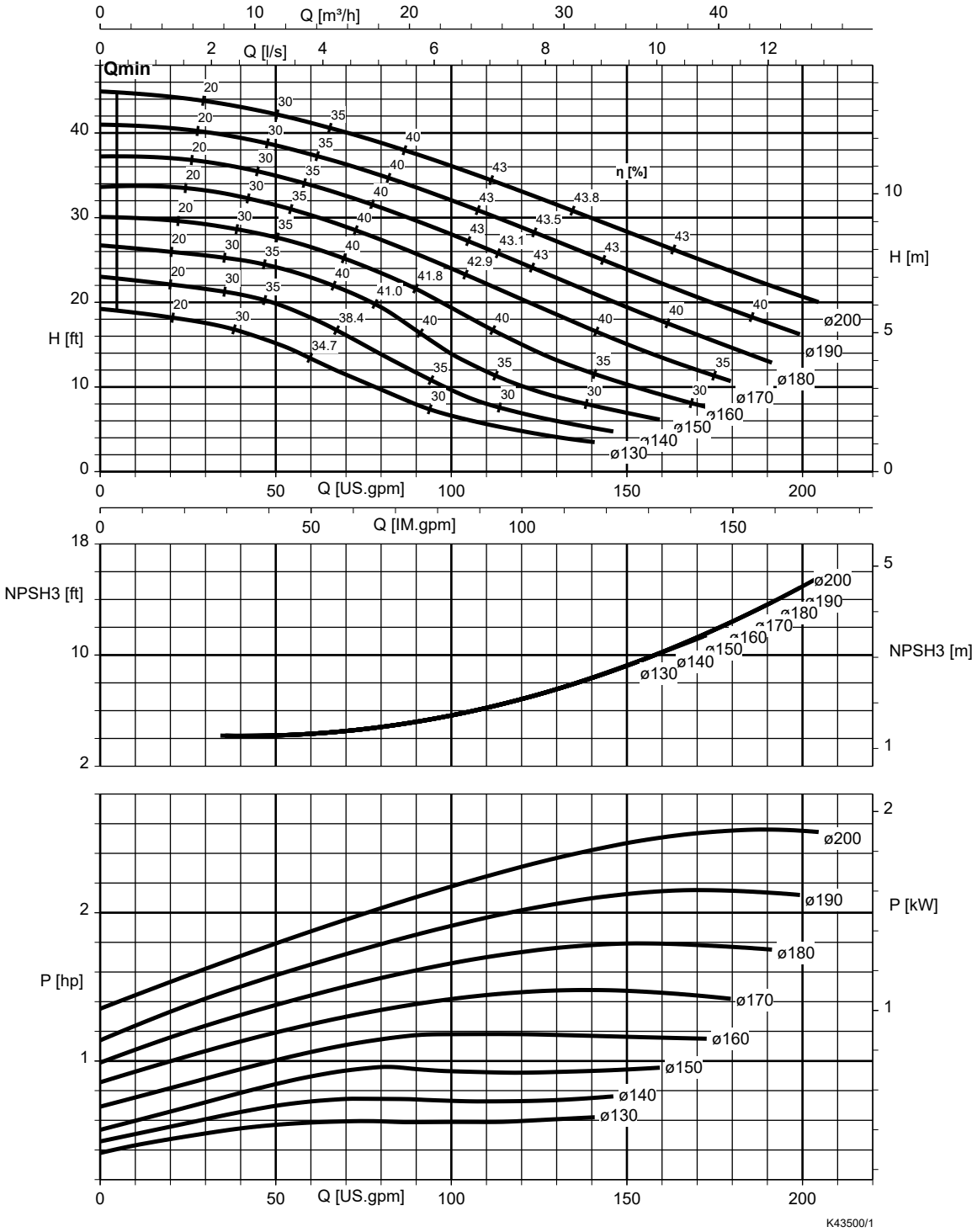
Free passage = 2 9/16 in [65 mm]

Table 14: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
24_E_	-	-	-	✗	✗	✗	✗
34_E_	-	-	-	✗	✗	✗	✗
44_E_	-	-	-	✗	✗	✗	✗
54_E_	-	-	-	✗	✗	✗	✗
74_E_	✗	✗	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗	-	-

Amarex KRT F 65-217, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



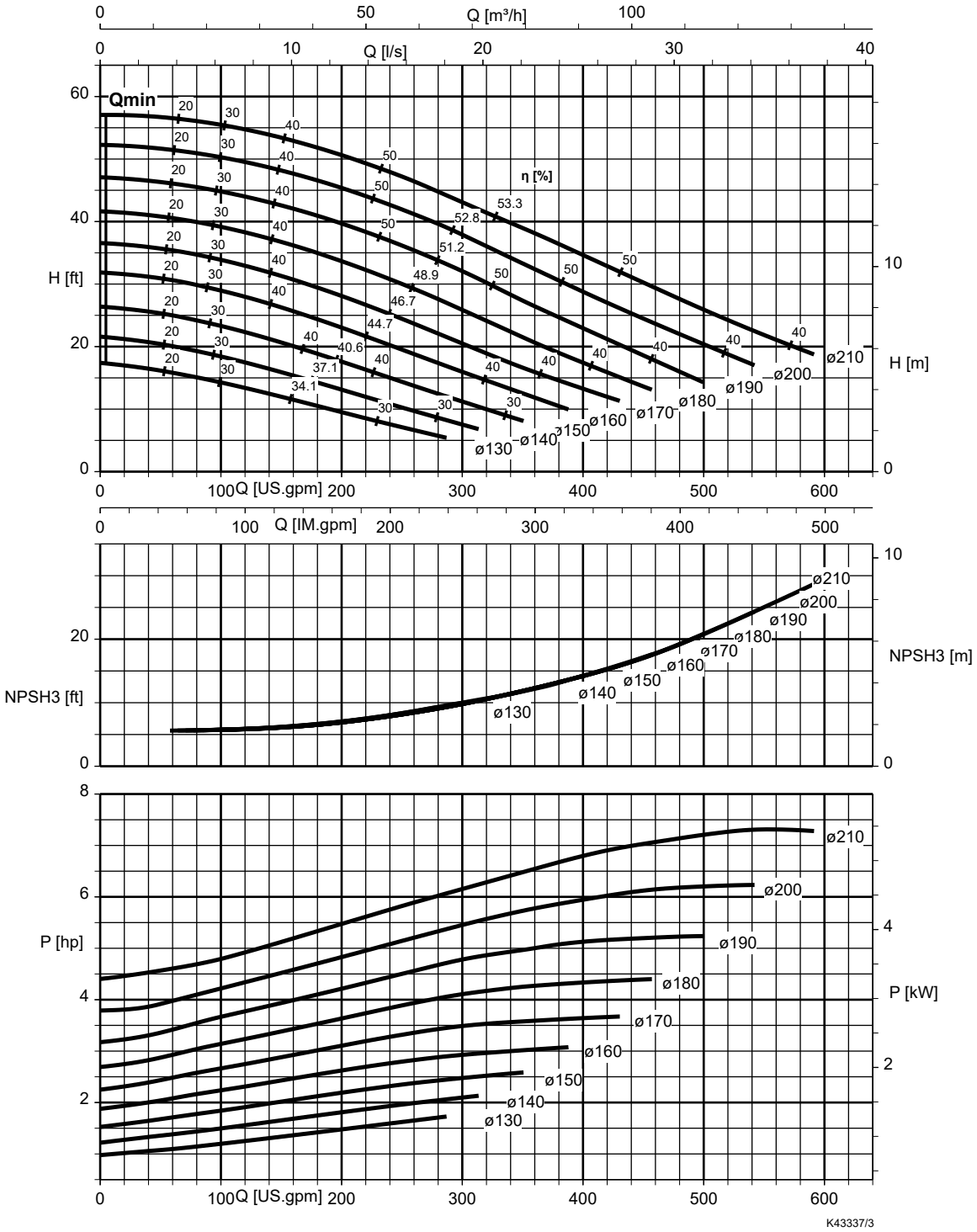
Free passage = 2 9/16 in [65 mm]

Table 15: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
24_E_	-	-	-	✗	✗
34_E_	-	-	-	✗	✗
44_E_	-	-	-	✗	✗
54_E_	-	-	-	✗	✗
74_E_	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗
184_E_	✗	✗	✗	✗	✗
224_E_	✗	✗	✗	✗	✗

Amarex KRT F 80-216, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



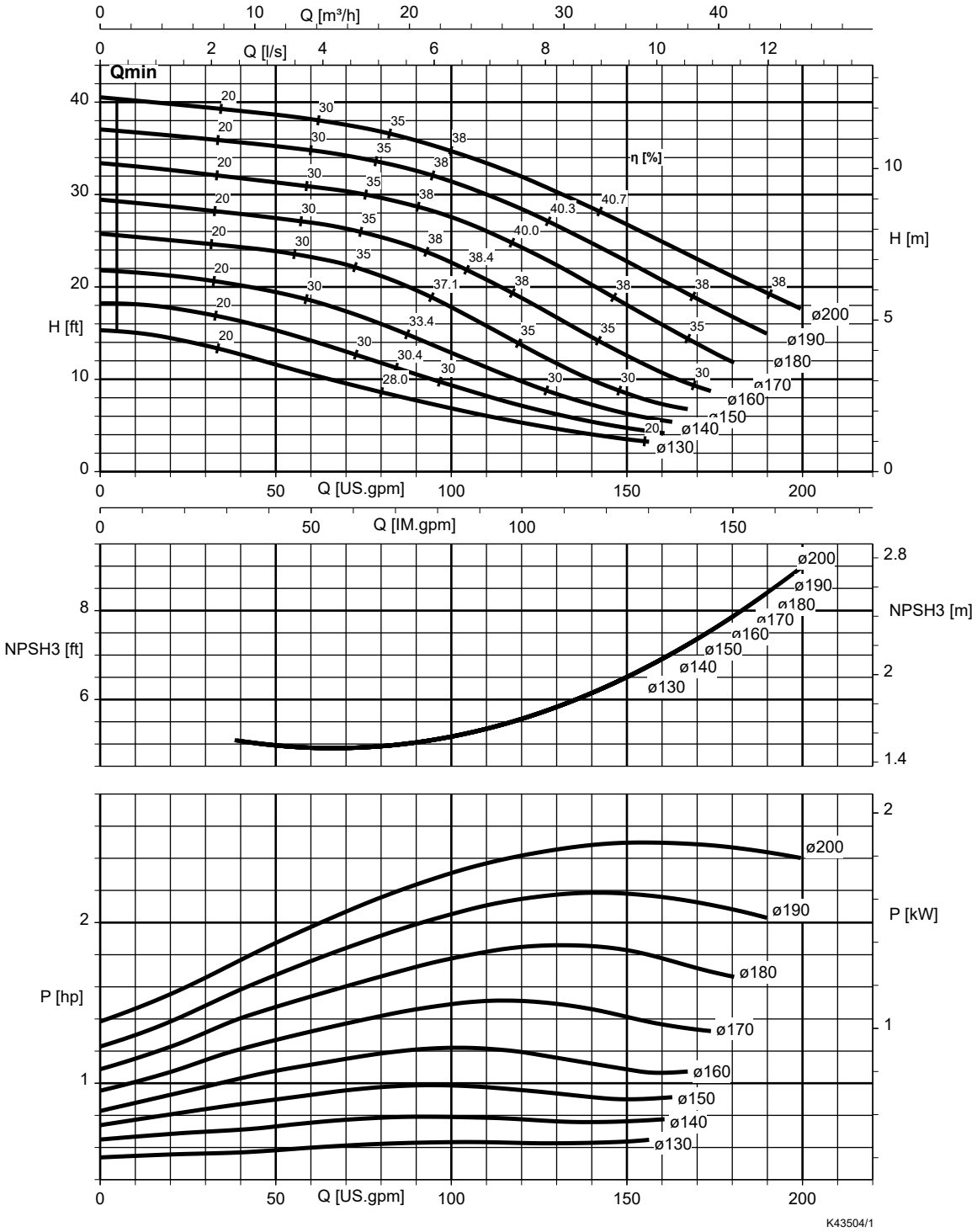
Free passage = 3 in [76 mm]

Table 16: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
24_E_	-	-	-	✗	✗	✗	✗
34_E_	-	-	-	✗	✗	✗	✗
44_E_	-	-	-	✗	✗	✗	✗
54_E_	-	-	-	✗	✗	✗	✗
74_E_	✗	✗	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗	-	-

Amarex KRT F 80-217, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



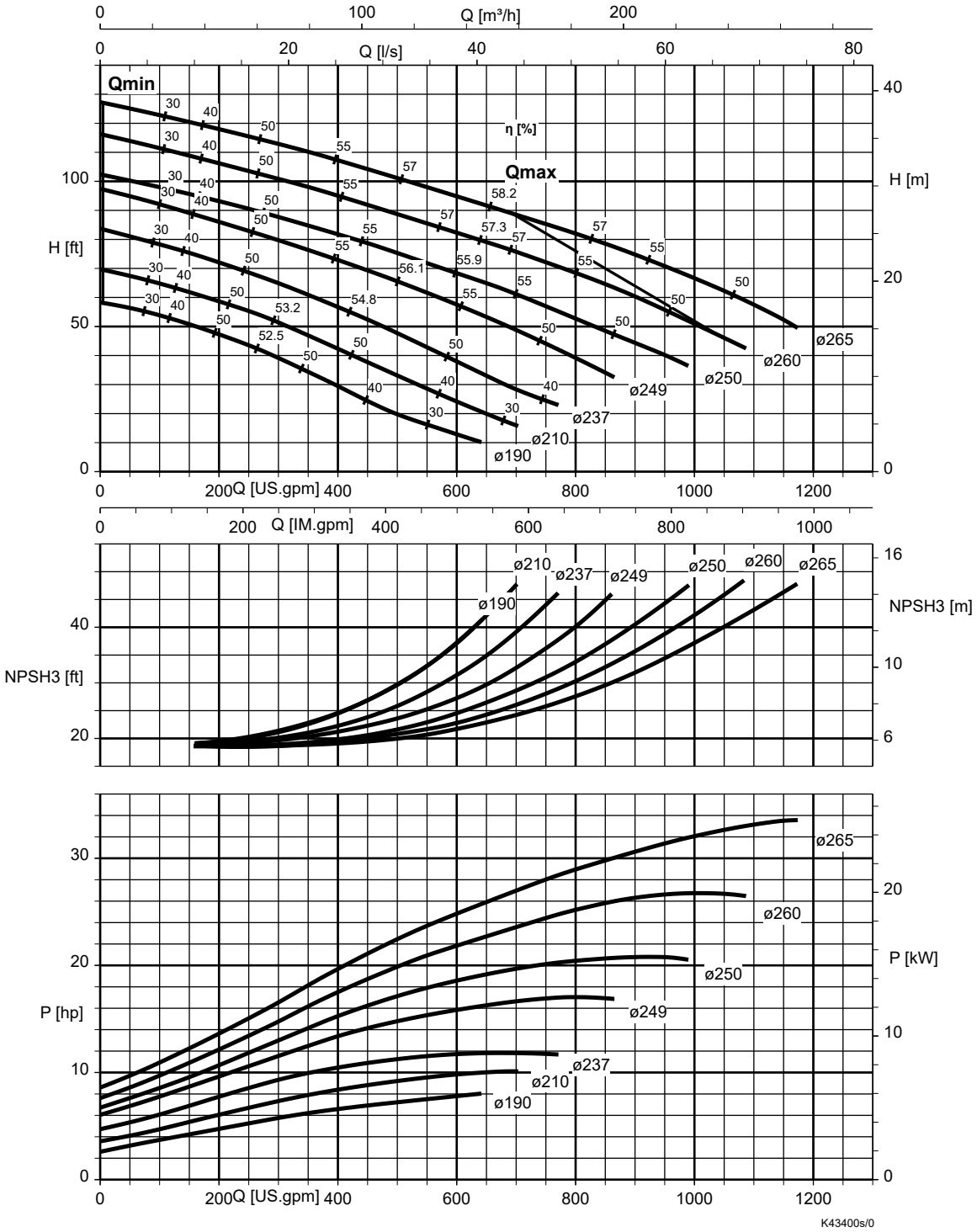
Free passage = 3 in [76 mm]

Table 17: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
24_E_	-	-	-	✗	✗
34_E_	-	-	-	✗	✗
44_E_	-	-	-	✗	✗
54_E_	-	-	-	✗	✗
74_E_	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗
184_E_	✗	✗	✗	✗	✗
224_E_	✗	✗	✗	✗	✗

Amarex KRT F 80-252, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



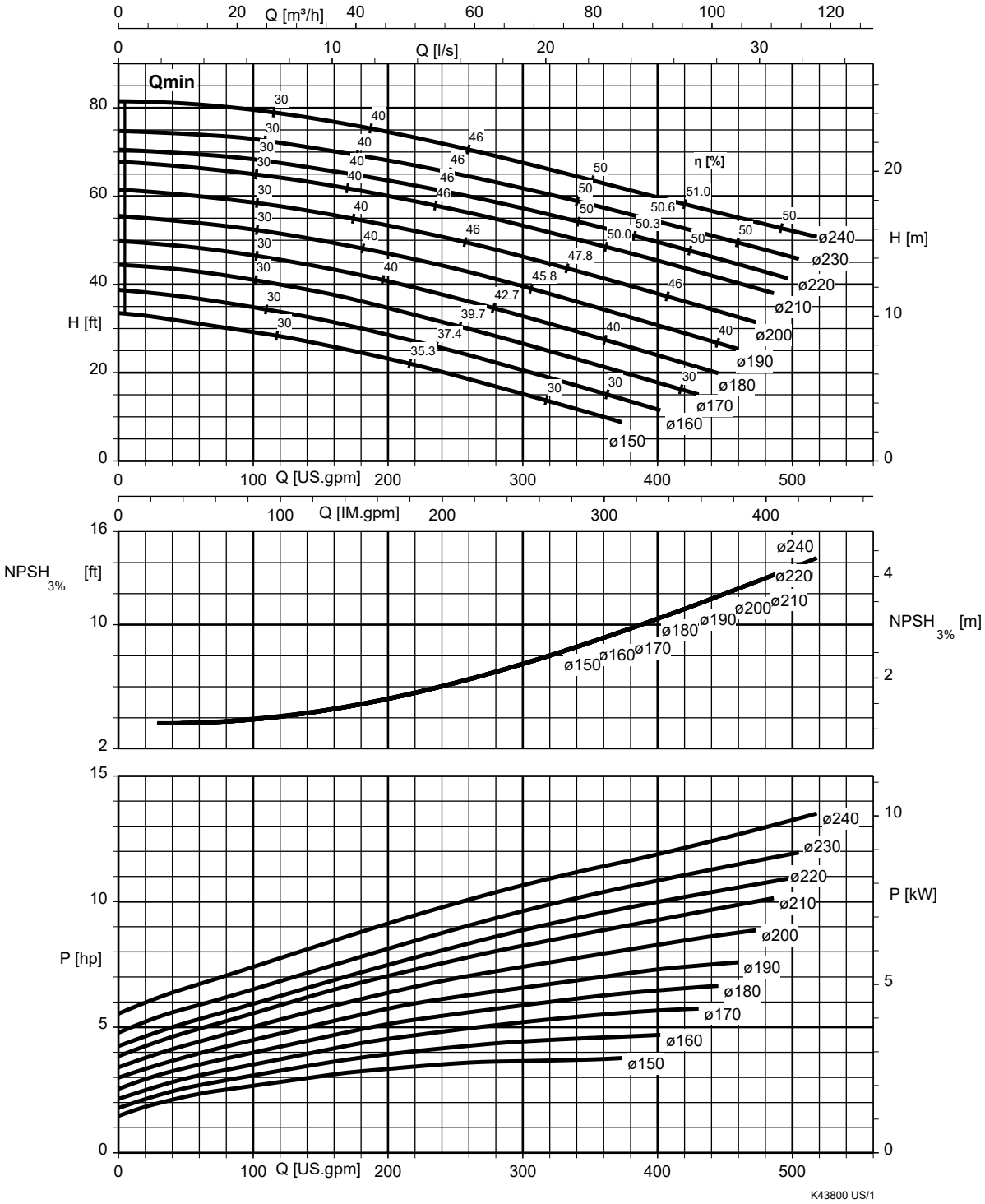
Free passage = 3 in [76 mm]

Table 18: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
54_E_	-	-	-	✗	✗	✗	✗
74_E_	✗	✗	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-	-	-
184_E_	✗	✗	✗	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-	-	-
224_E_	✗	✗	✗	✗	✗	✗	✗
224_F_	✗	✗	✗	-	-	-	-

Amarex KRT F 80-317, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



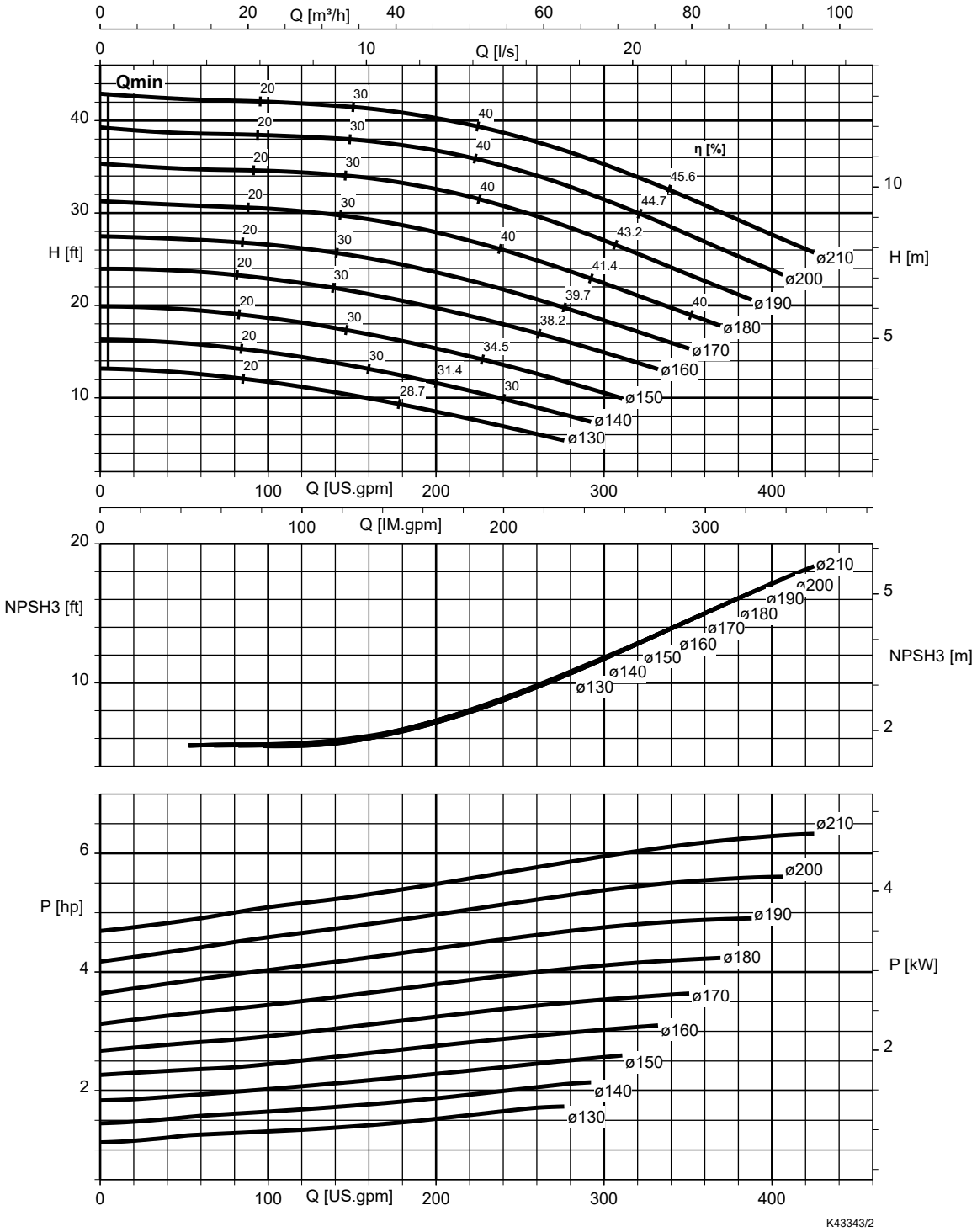
Free passage = 3 in [76 mm]

Table 19: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗
224_F_	✗	✗	✗	-	-
304_E_	✗	✗	✗	✗	✗
304_F_	✗	✗	✗	-	-
374_E_	✗	✗	✗	✗	✗
374_F_	✗	✗	✗	-	-

Amarex KRT F 100-215, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



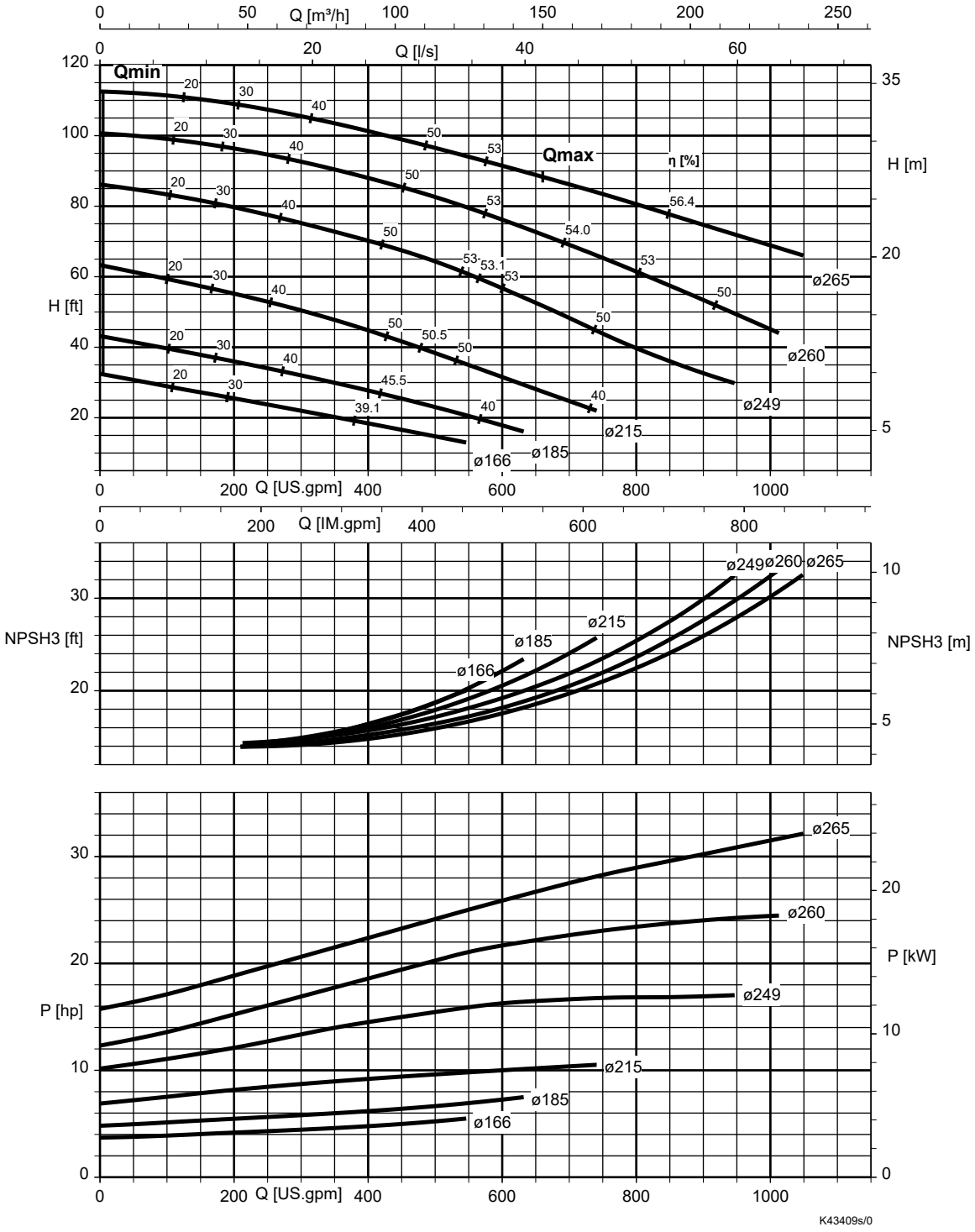
Free passage = 3 15/16 in [100 mm]

Table 20: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
24_E_	-	-	-	✗	✗
34_E_	-	-	-	✗	✗
44_E_	-	-	-	✗	✗
54_E_	-	-	-	✗	✗
74_E_	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	-	-
184_E_	✗	✗	✗	-	-
224_E_	✗	✗	✗	-	-

Amarex KRT F 100-254, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



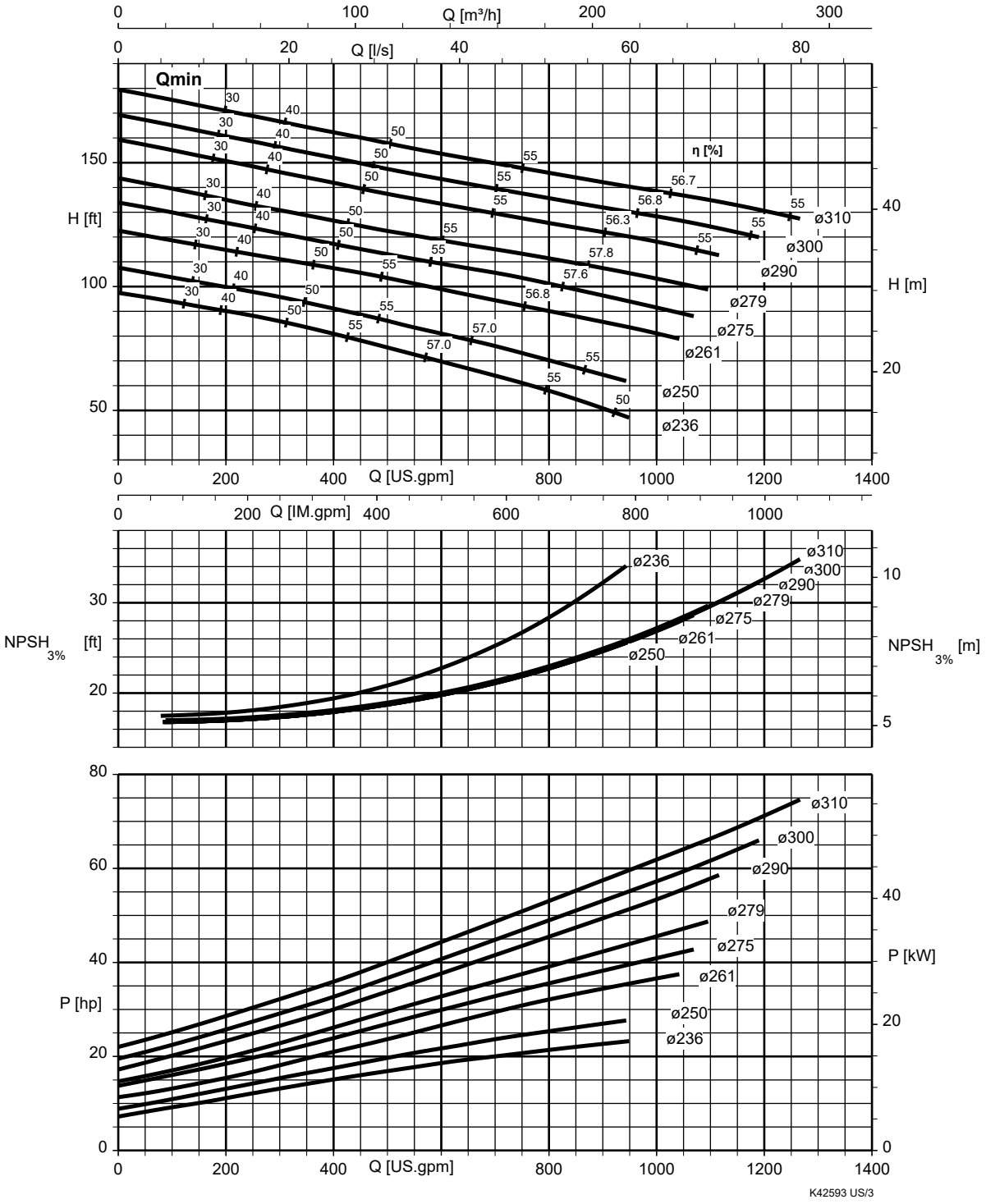
Free passage = 3 15/16 in [100 mm]

Table 21: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
54_E_	-	-	-	✗	✗	✗	✗
74_E_	✗	✗	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-	-	-
184_E_	✗	✗	✗	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-	-	-
224_E_	✗	✗	✗	✗	✗	✗	✗
224_F_	✗	✗	✗	-	-	-	-

Amarex KRT F 100-316, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



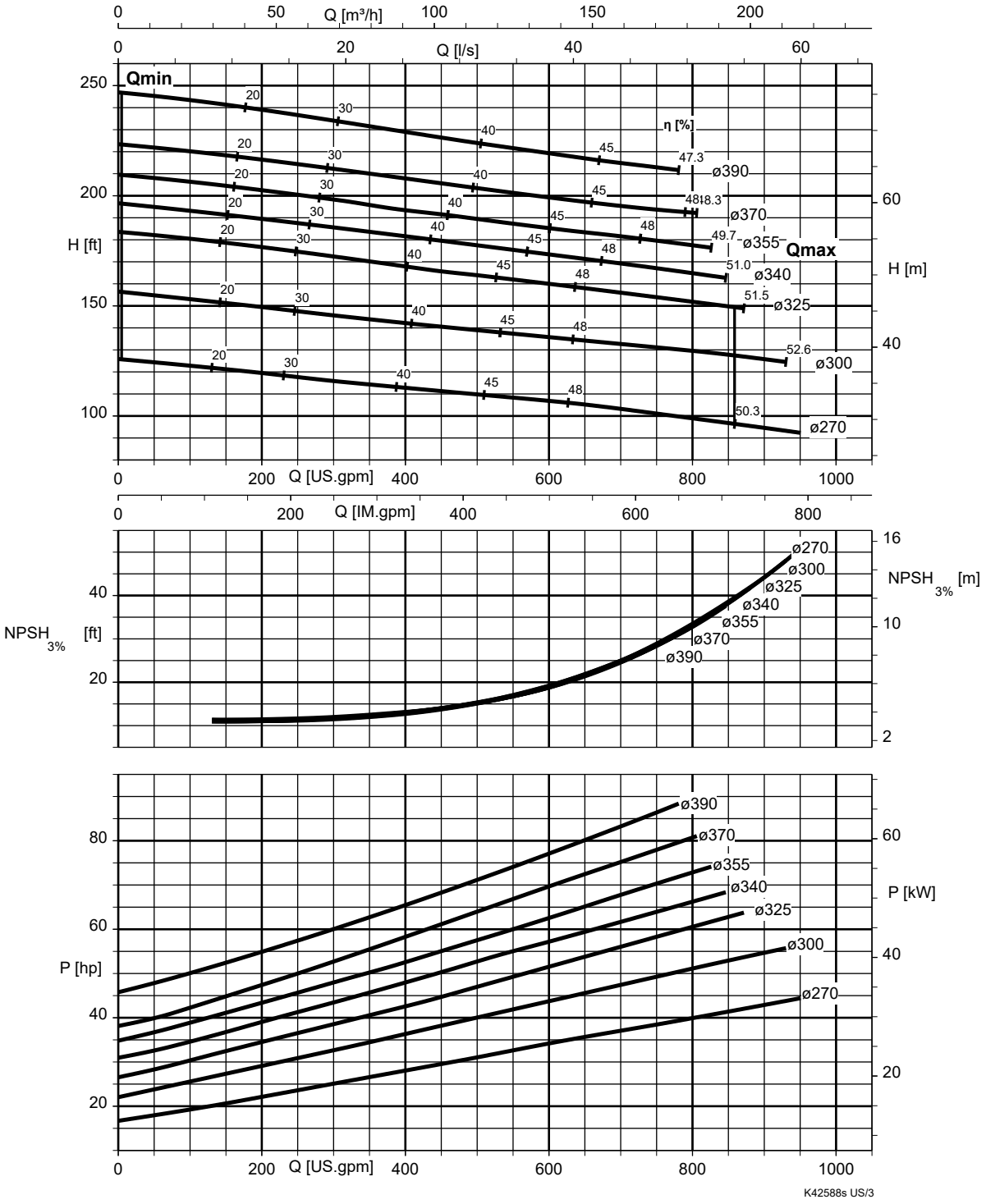
Free passage = 3 15/16 in [100 mm]

Table 22: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
74_E_	-	-	-	-	-	✗	✗
114_E_	-	-	-	✗	✗	✗	✗
154_E_	-	-	-	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-	-	-
184_E_	-	-	-	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-	-	-
224_E_	-	-	-	✗	✗	✗	✗
224_F_	✗	✗	✗	-	-	-	-
304_E_	-	-	-	✗	✗	✗	✗
304_F_	✗	✗	✗	-	-	-	-
374_E_	-	-	-	✗	✗	✗	✗
374_F_	✗	✗	✗	-	-	-	-
454_E_	-	-	-	✗	✗	✗	✗
554_F_	✗	✗	✗	-	-	-	-
554_E_	-	-	-	✗	✗	✗	✗
654_F_	✗	✗	✗	-	-	-	-
654_E_	-	-	-	✗	✗	✗	✗
754_E_	-	-	-	✗	✗	✗	✗
754_F_	✗	✗	✗	-	-	-	-

Amarex KRT F 100-401, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



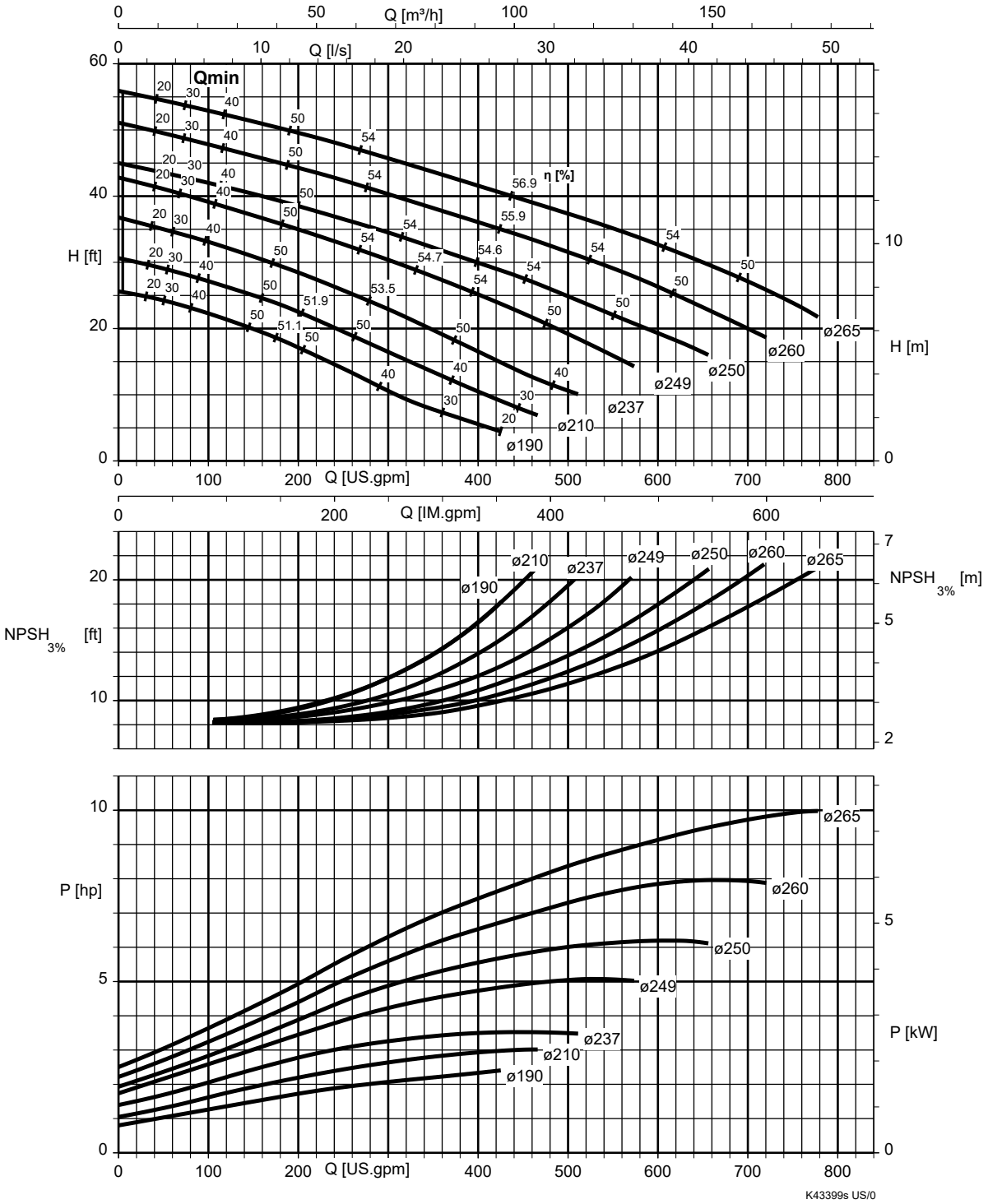
Free passage = 3 15/16 in [100 mm]

Table 23: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
304_E_	-	-	-	✗	✗	-	-
304_F_	✗	✗	✗	-	-	-	-
374_E_	-	-	-	✗	✗	-	-
374_F_	✗	✗	✗	-	-	-	-
454_E_	-	-	-	✗	✗	✗	✗
554_E_	-	-	-	✗	✗	✗	✗
554_F_	✗	✗	✗	-	-	-	-
654_E_	-	-	-	✗	✗	✗	✗
654_F_	✗	✗	✗	-	-	-	-
754_E_	-	-	-	✗	✗	✗	✗
754_F_	✗	✗	✗	-	-	-	-
804_N_	✗	✗	-	✗	✗	✗	✗
954_N_	✗	✗	-	✗	✗	✗	✗
1104_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT F 80-252, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



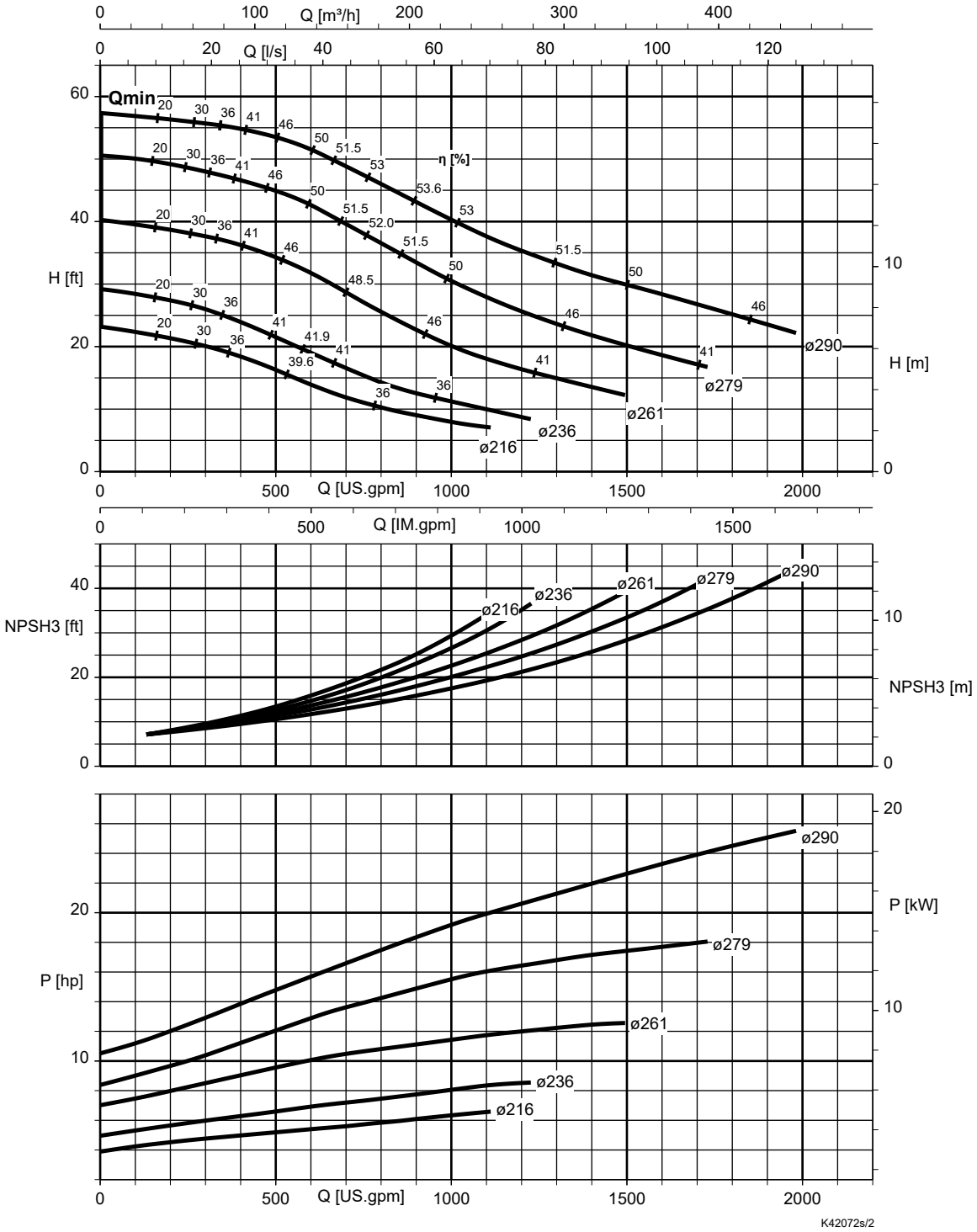
Free passage = 3 in [76 mm]

Table 24: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
76_E_	✗	✗	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-	-	-
186_E_	✗	✗	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-	-	-

Amarex KRT F 150-315, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 4 3/4 in [120 mm]

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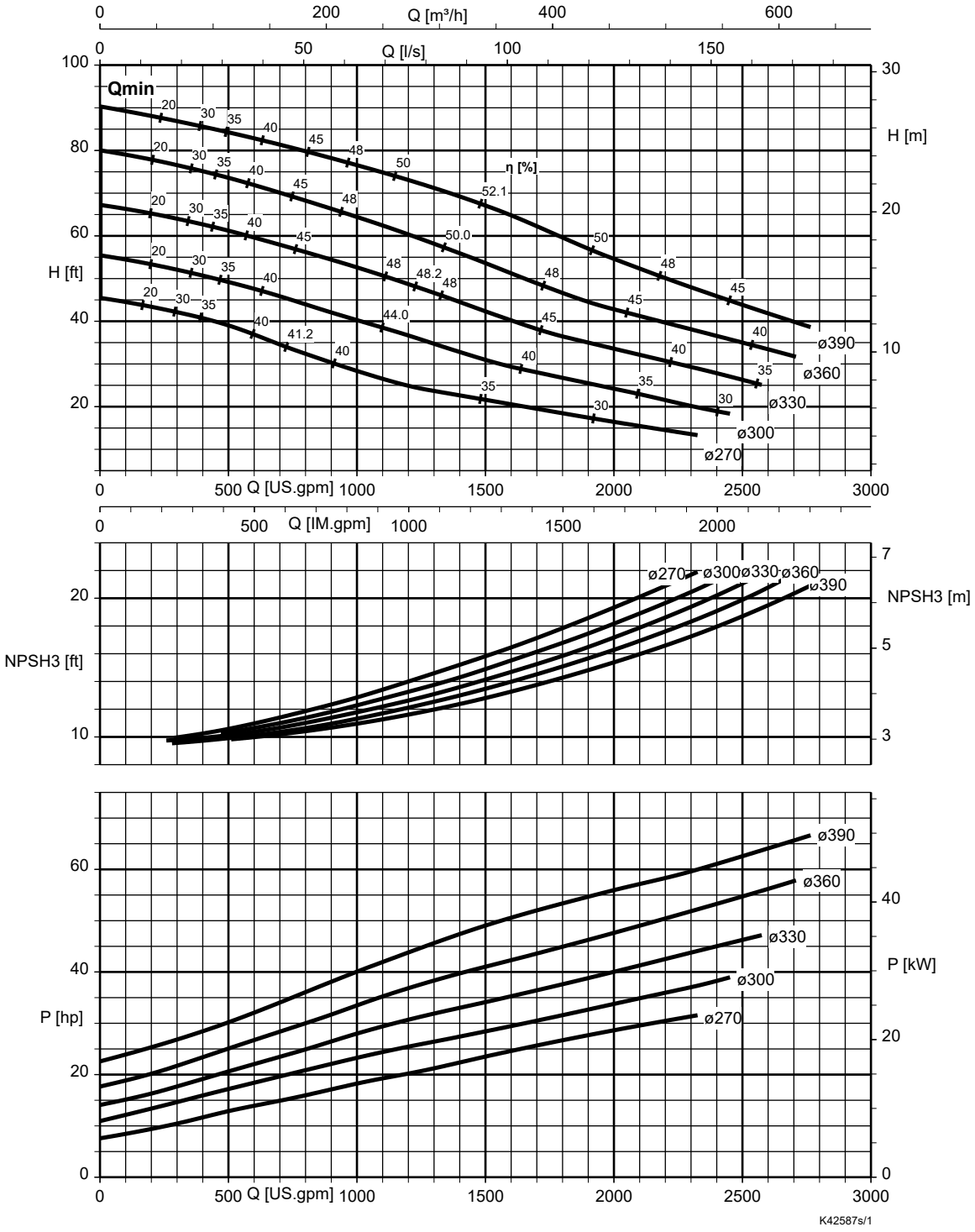
Table 25: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
76_E_	✗	✗	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-	-	-
186_E_	✗	✗	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-	-	-
226_E_	-	-	-	✗	✗	✗	✗
226_F_	✗	✗	✗	-	-	-	-
316_E_	-	-	-	✗	✗	✗	✗

Amarex KRT F 150-401, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 5/16 in [135 mm]

Table 26: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
226_E_	-	-	-	✗	✗	-	-
226_F_	✗	✗	✗	-	-	-	-
306_E_	-	-	-	✗	✗	-	-
306_F_	✗	✗	✗	-	-	-	-
316_E_	-	-	-	✗	✗	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	✗	✗

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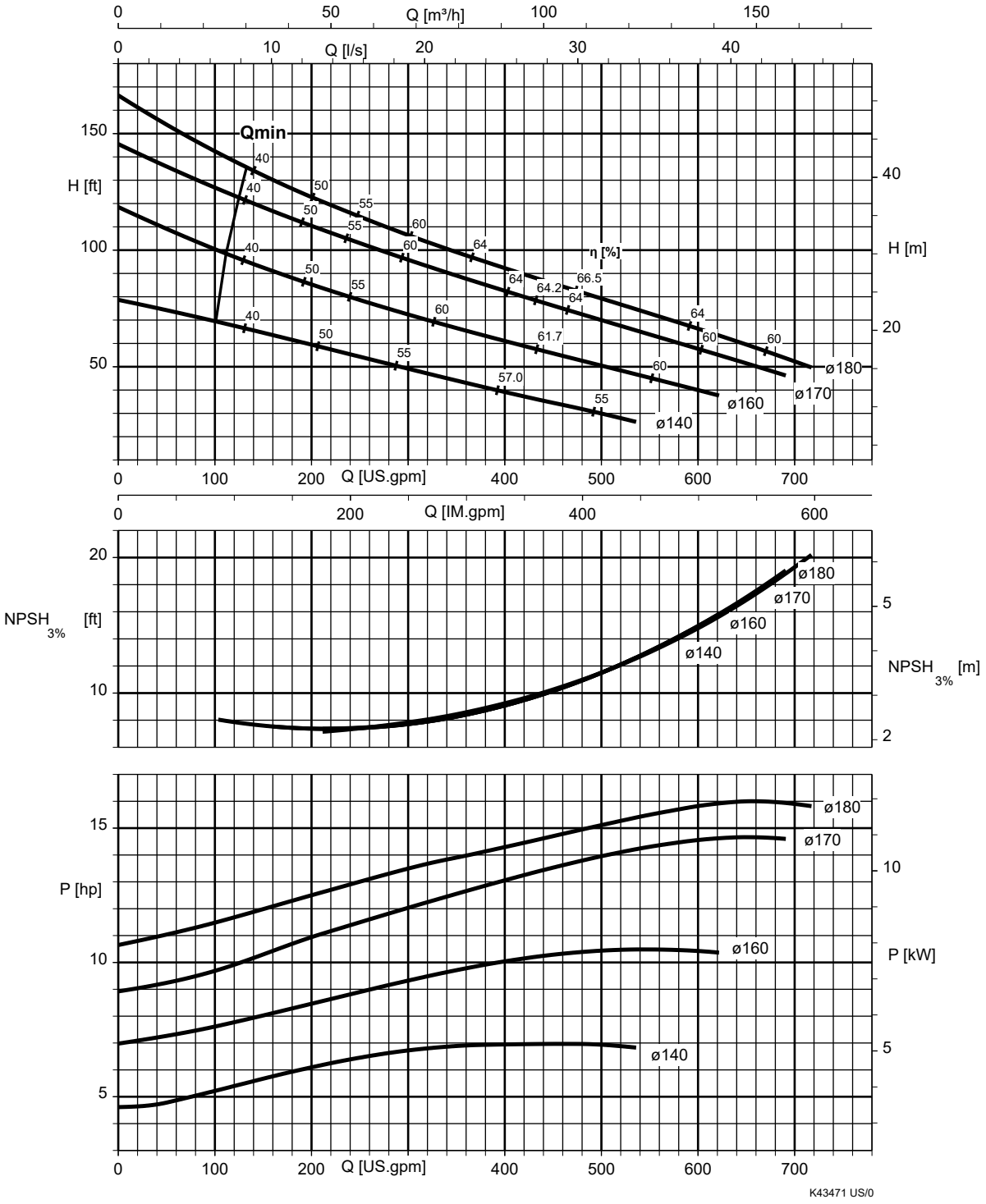
E impeller

Characteristic curves for E impeller

Fig. 3: E impeller

Amarex KRT E 65-216, n = 3500 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



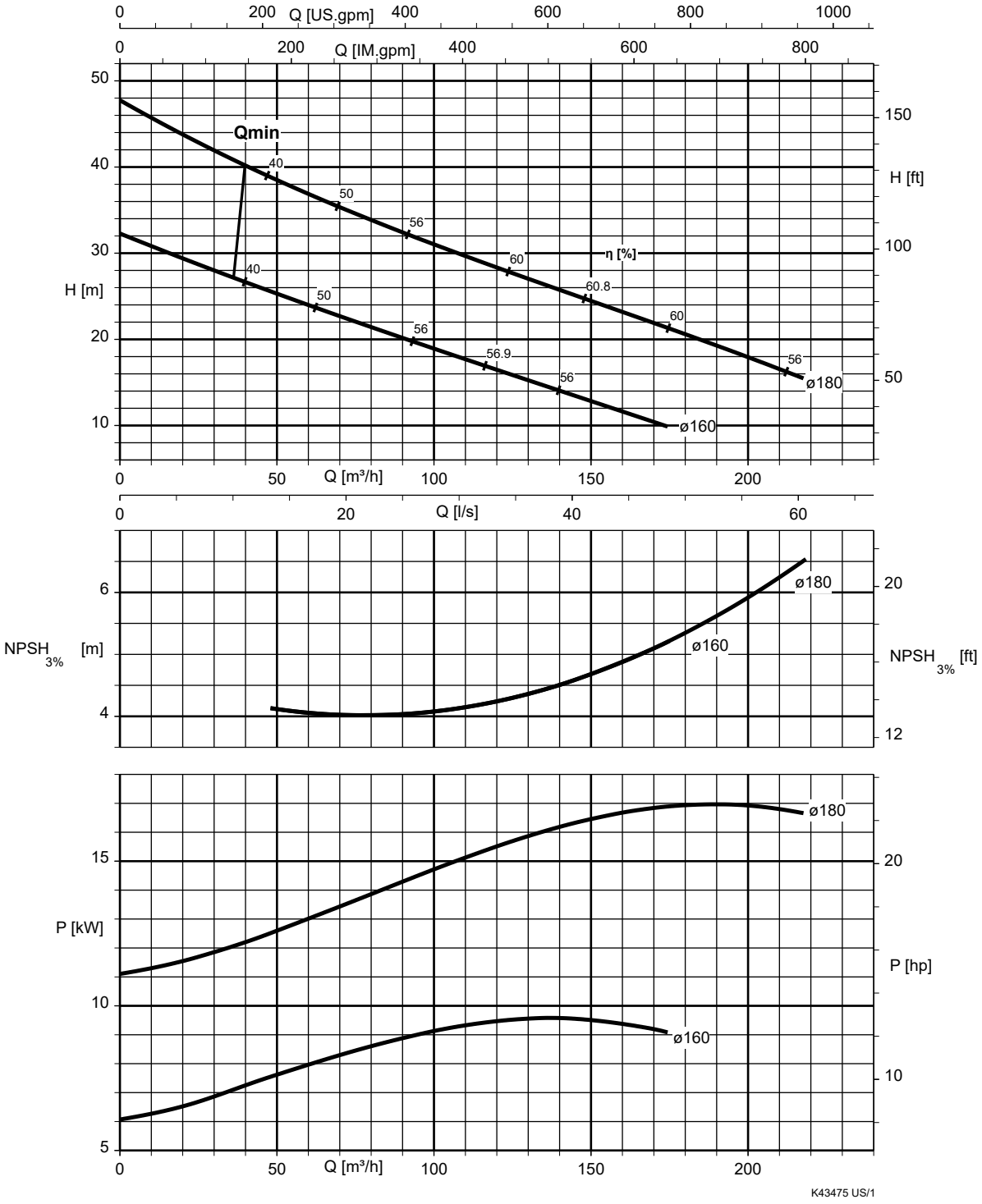
Free passage = 2 9/16 in [65 mm]

Table 27: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
52_E_	-	-	-	✗	✗
72_E_	-	-	-	✗	✗
112_E_	-	✗	-	✗	✗
152_E_	-	✗	-	✗	✗
182_E_	-	✗	-	✗	✗
222_E_	-	✗	-	✗	✗
262_E_	-	✗	-	✗	✗

Amarex KRT E 80-216, n = 3500 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



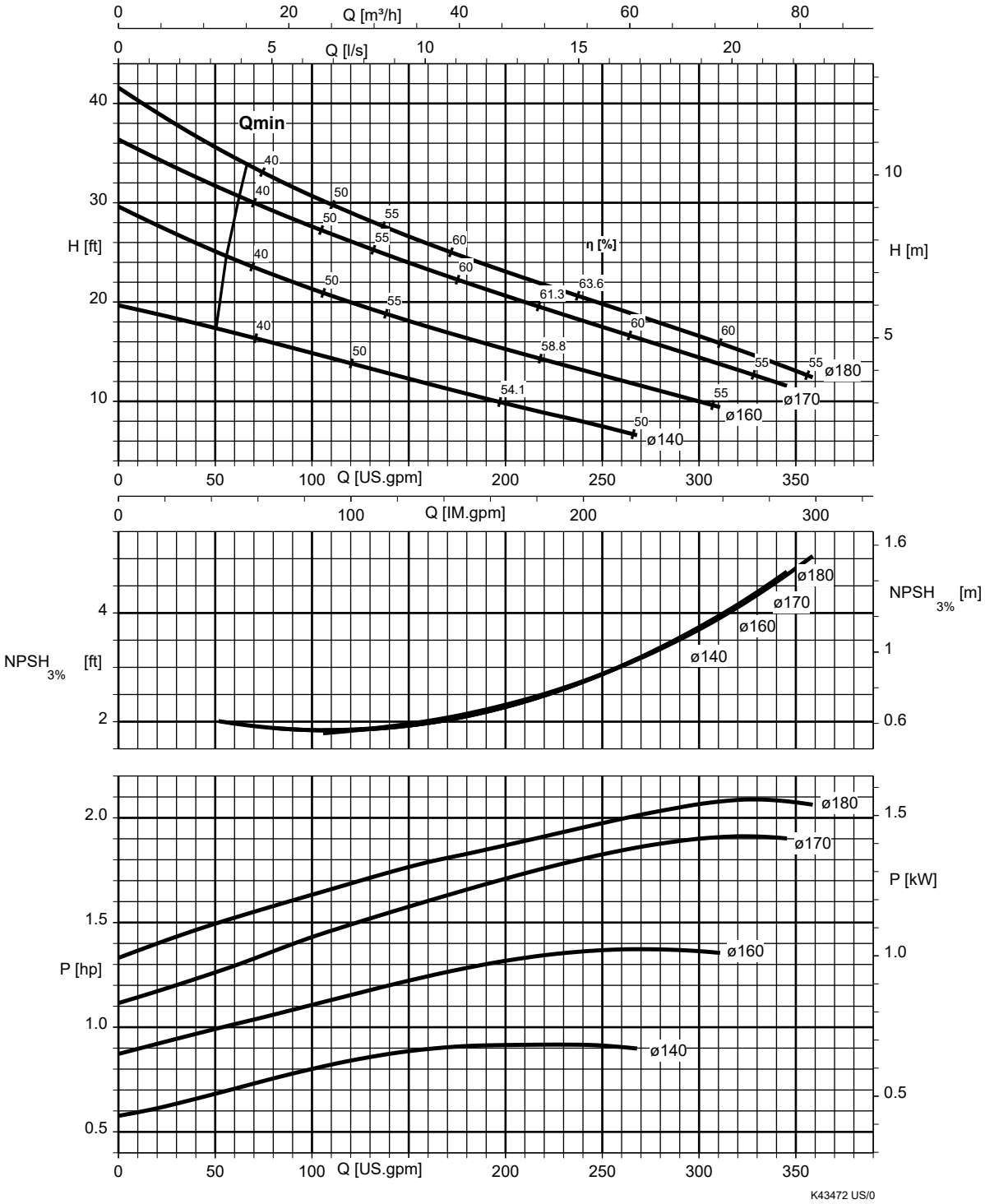
Free passage = 3 in [76 mm]

Table 28: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
112_E_	-	-	-	✗	✗
152_E_	-	-	-	✗	✗
182_E_	-	-	-	✗	✗
222_E_	-	-	-	✗	✗
262_E_	✗	✗	✗	✗	✗

Amarex KRT E 65-216, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 2 9/16 in [65 mm]

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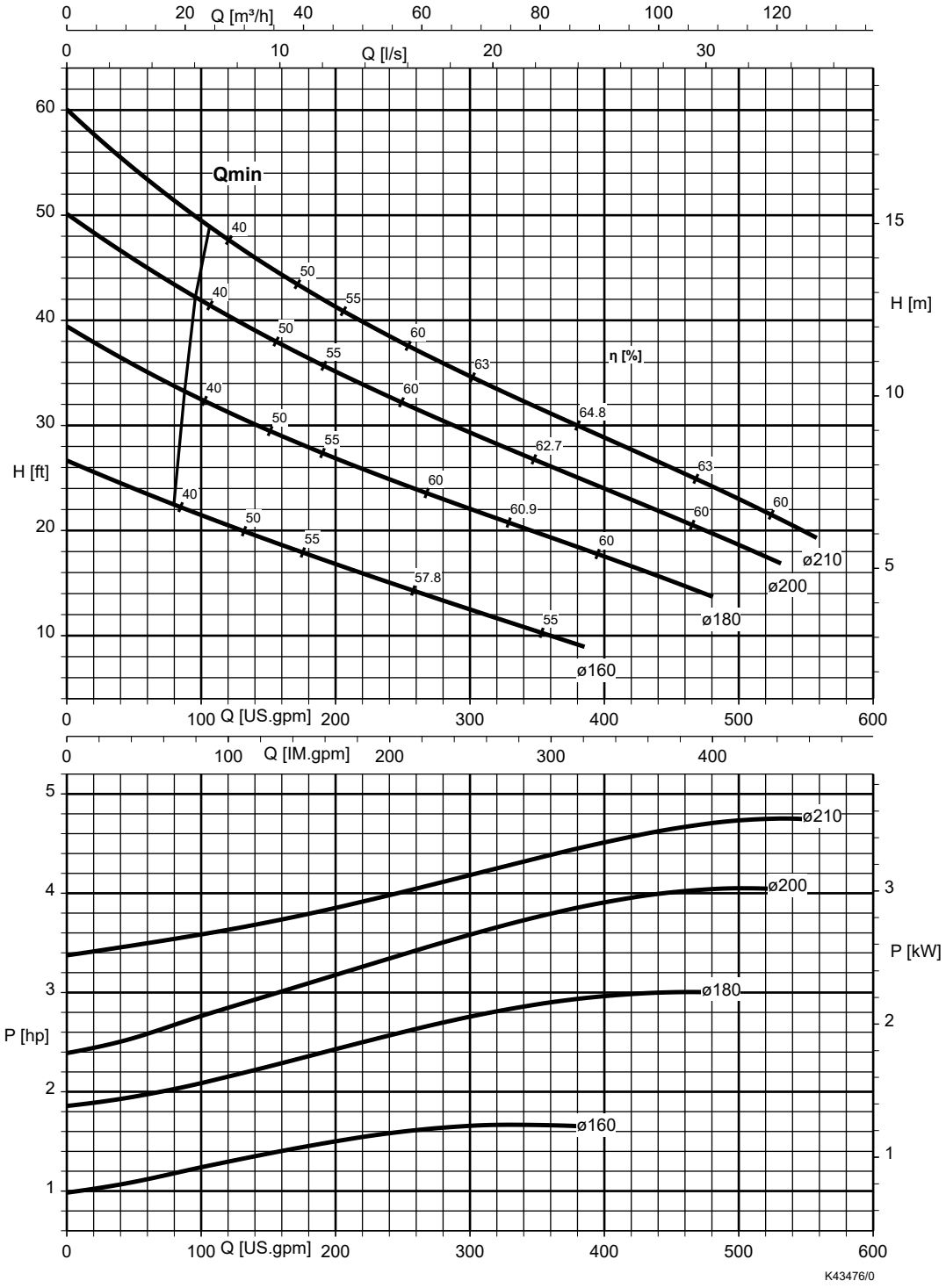
Table 29: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
24_E_	-	-	-	✗	✗
34_E_	-	-	-	✗	✗
44_E_	-	-	-	✗	✗

Amarex KRT E 80-216, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



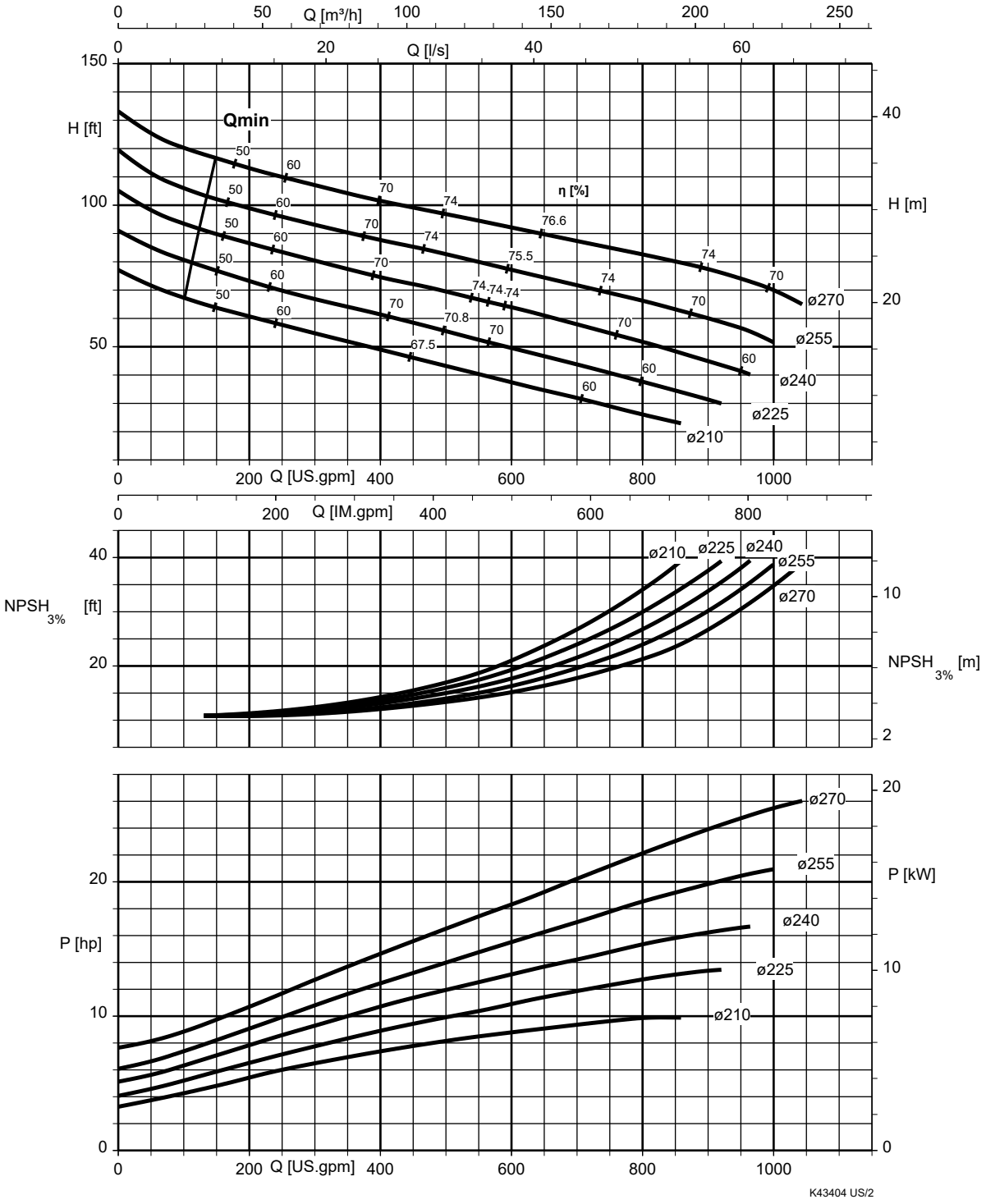
Free passage = 3 in [76 mm]

Table 30: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
24_E_	-	-	-	✗	✗
34_E_	-	-	-	✗	✗
44_E_	-	-	-	✗	✗
54_E_	-	-	-	✗	✗
74_E_	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗
184_E_	✗	✗	✗	✗	✗
224_E_	✗	✗	✗	✗	✗

Amarex KRT E 80-253, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



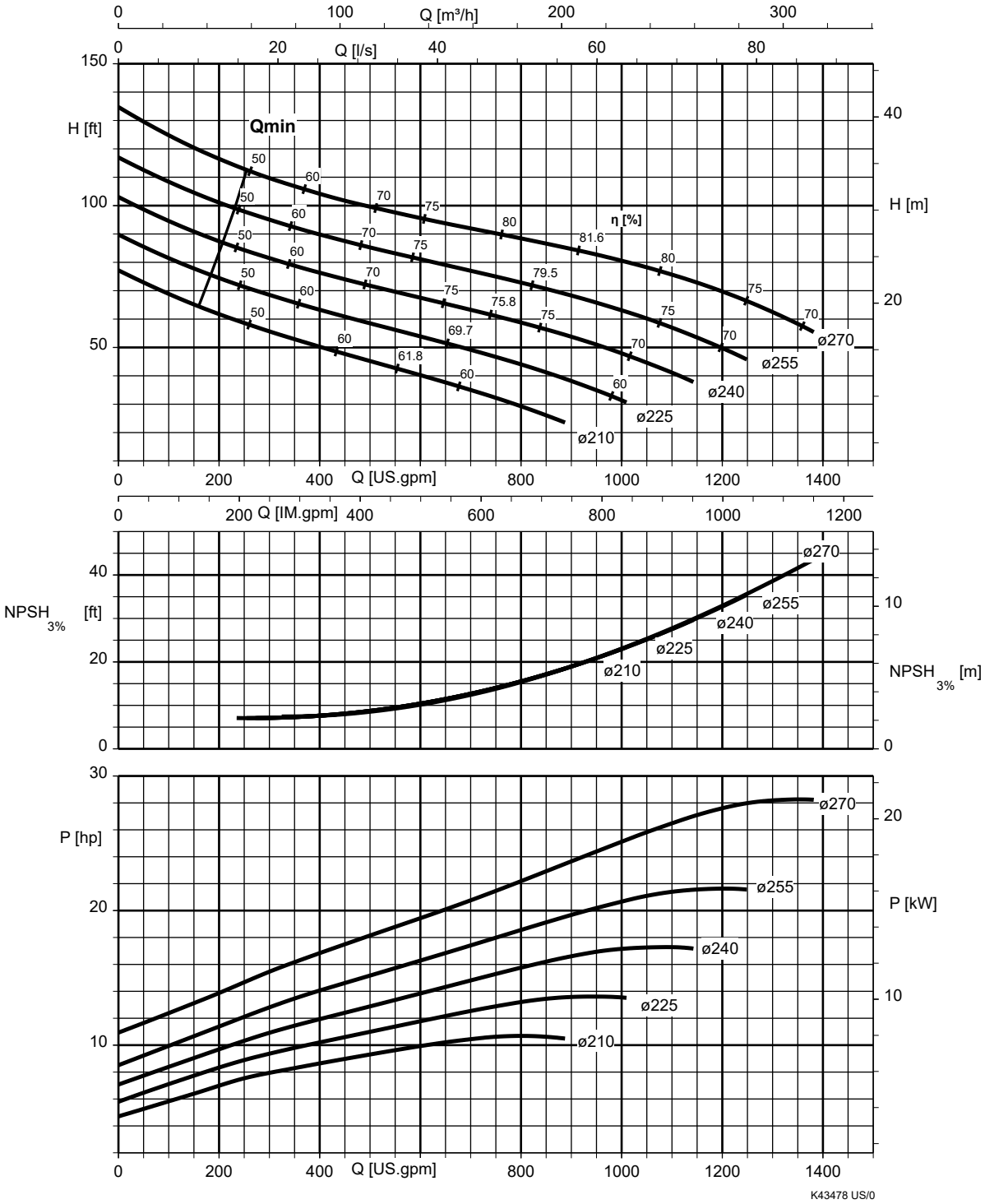
Free passage = 3 in [76 mm]

Table 31: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
44_E_	-	-	-	✗	✗
54_E_	-	-	-	✗	✗
74_E_	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗
224_F_	✗	✗	✗	-	-

Amarex KRT E 100-253, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 in [76 mm]

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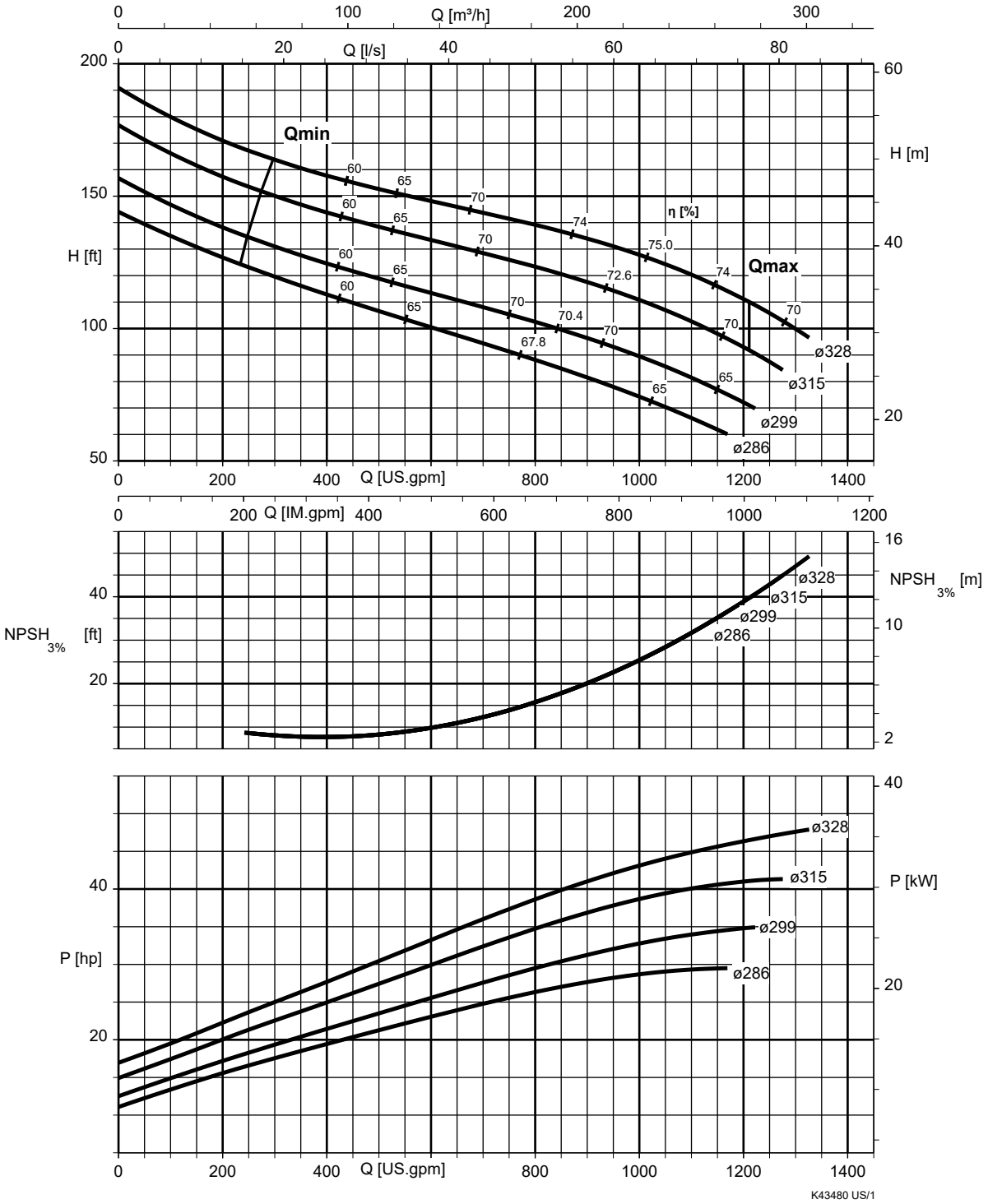
Table 32: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
44_E_	-	-	-	✗	✗
54_E_	-	-	-	✗	✗
74_E_	-	-	-	✗	✗
114_E_	-	-	-	✗	✗
154_E_	-	-	-	✗	✗
154_F_	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗
224_F_	✗	✗	✗	-	-

Amarex KRT E 100-317, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



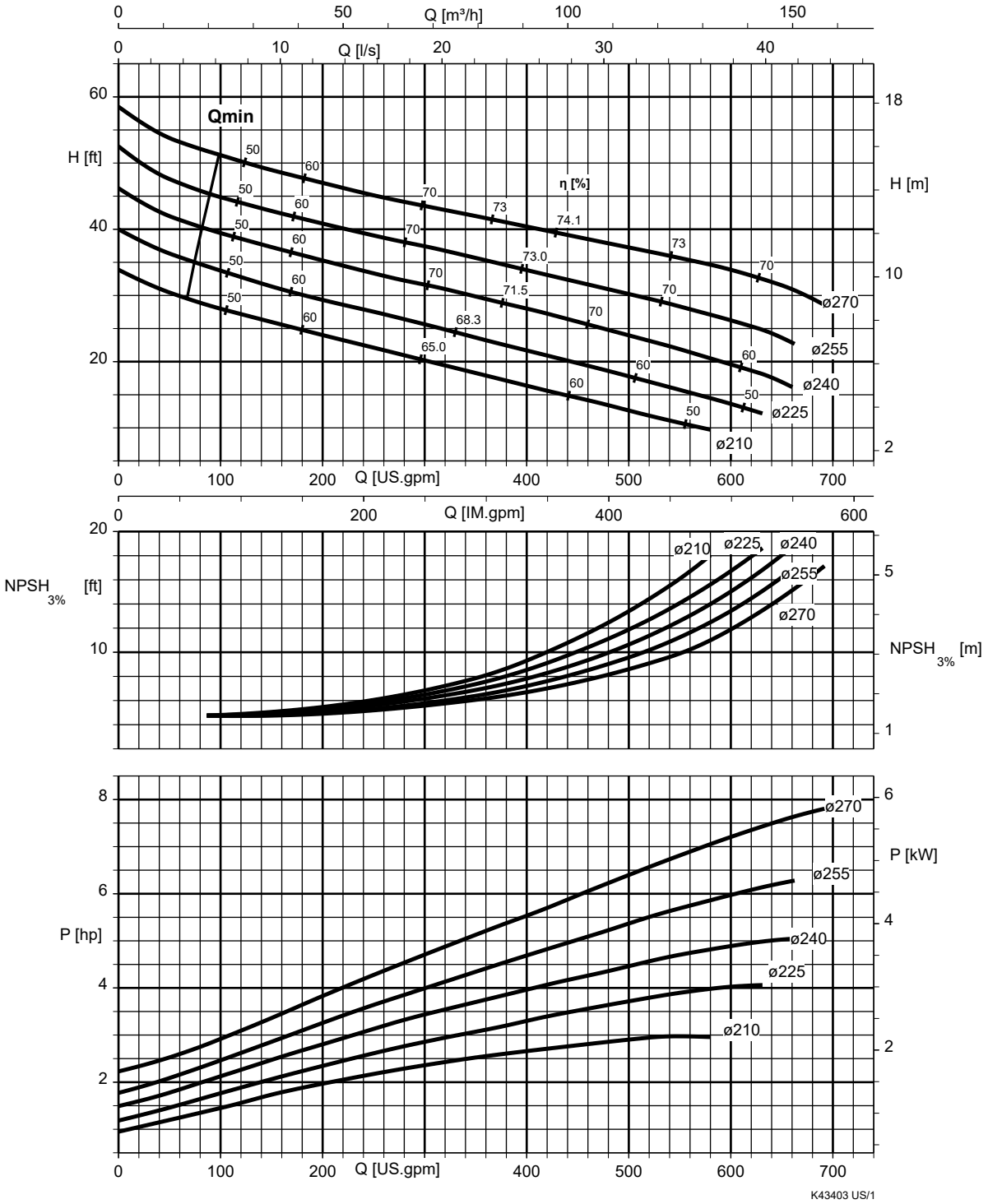
Free passage = 3 in [76 mm]

Table 33: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
74_E_	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗
224_F_	✗	✗	✗	-	-
304_E_	-	-	-	✗	✗
304_F_	✗	✗	✗	-	-
374_E_	-	-	-	✗	✗
374_F_	✗	✗	✗	-	-

Amarex KRT E 80-253, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 in [76 mm]

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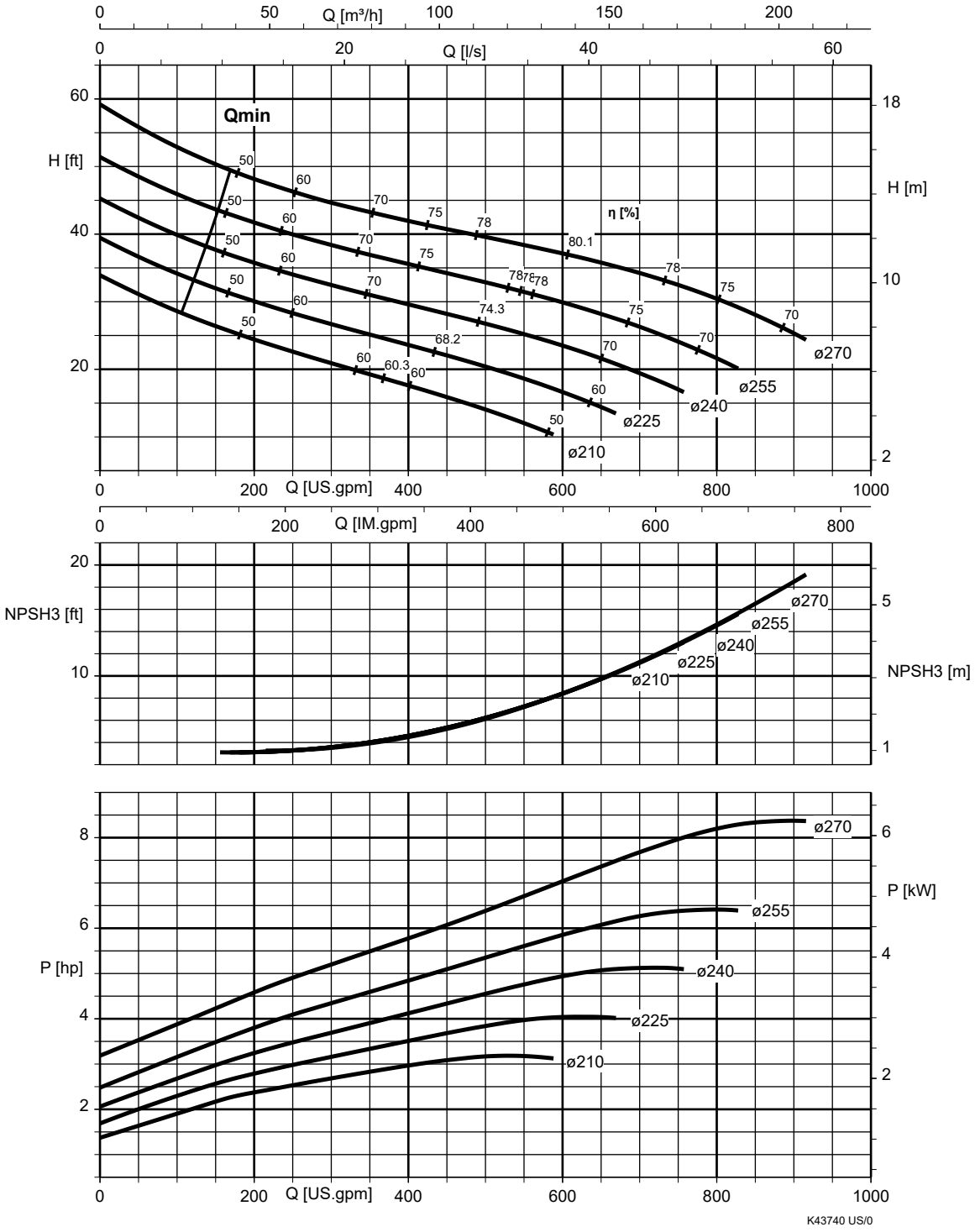
Table 34: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	-	-	-	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-

Amarex KRT E 100-253, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



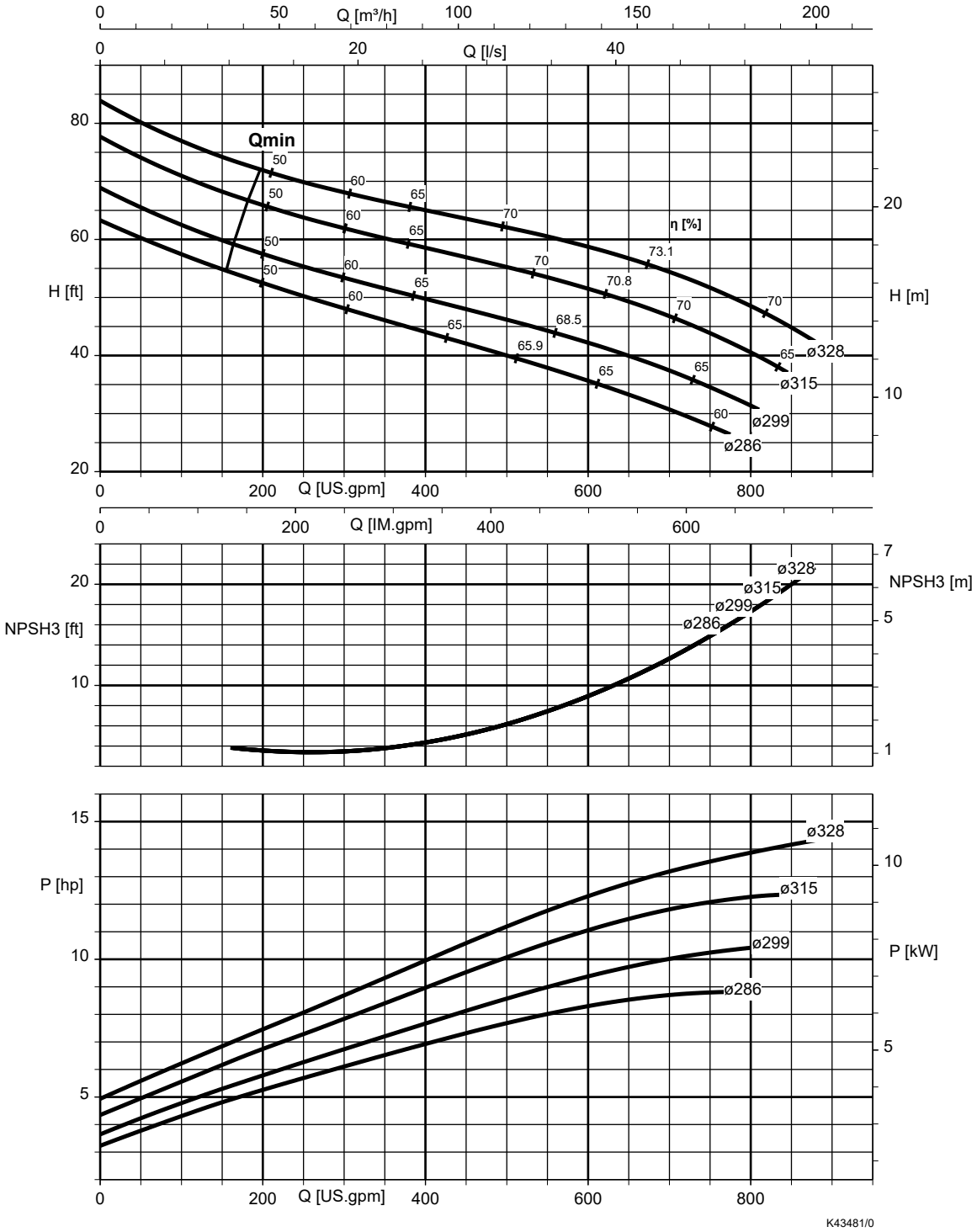
Free passage = 3 in [76 mm]

Table 35: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-

Amarex KRT E 100-317, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 in [76 mm]

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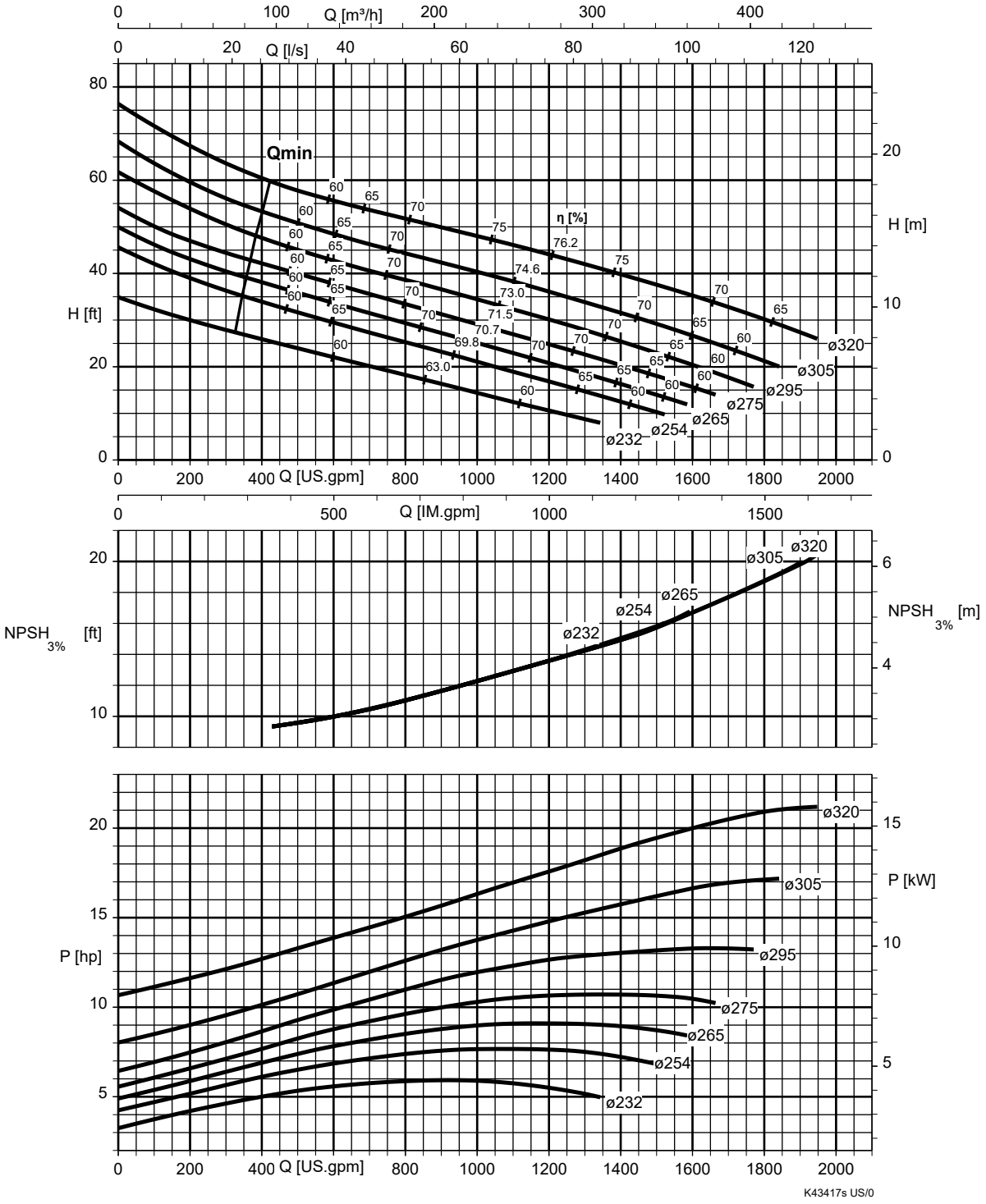
Table 36: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-

Amarex KRT E 150-317, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



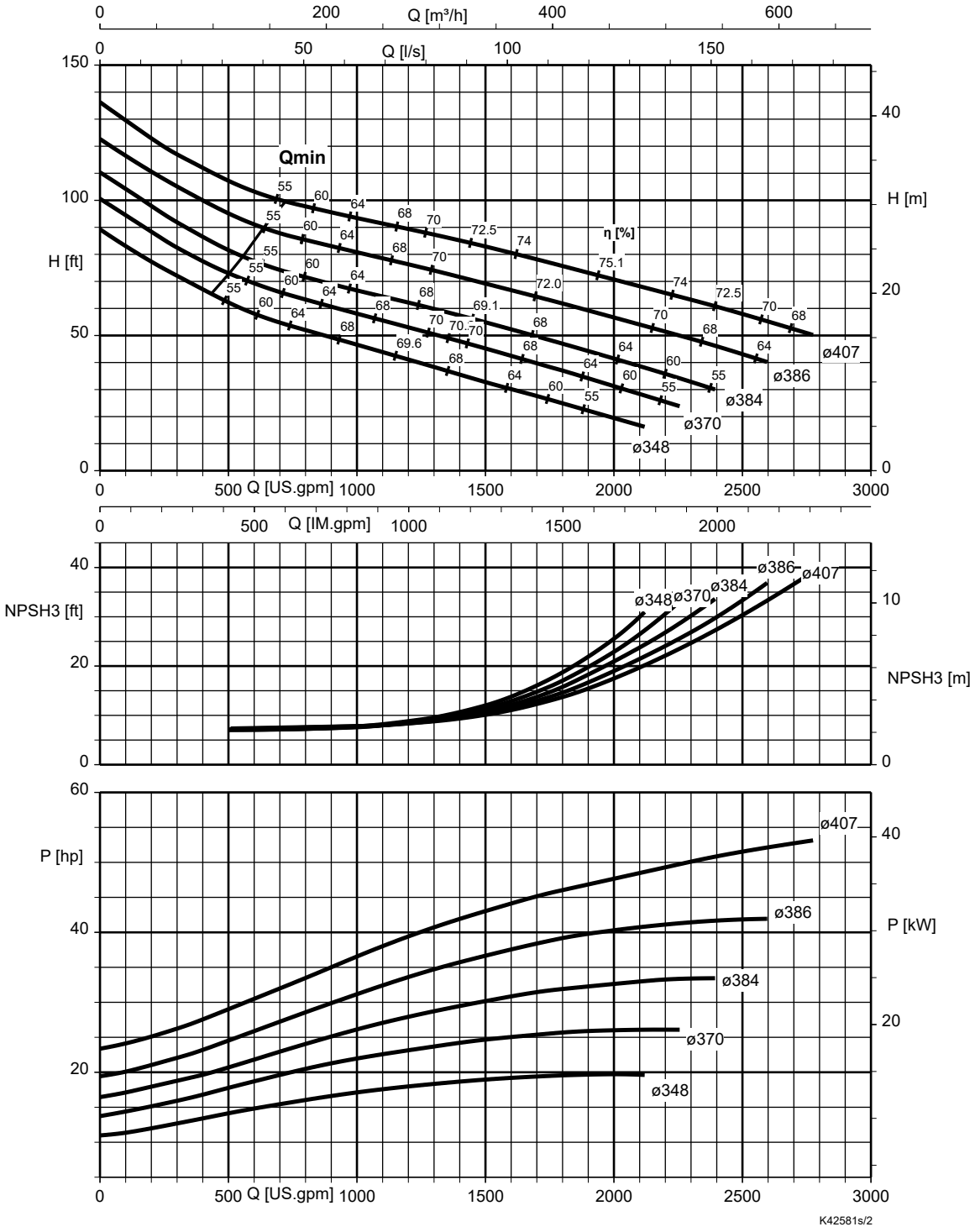
Free passage = 4 3/4 in [120 mm]

Table 37: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
316_F_	✗	✗	✗	-	-

Amarex KRT E 150-401, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 5/16 in [135 mm]

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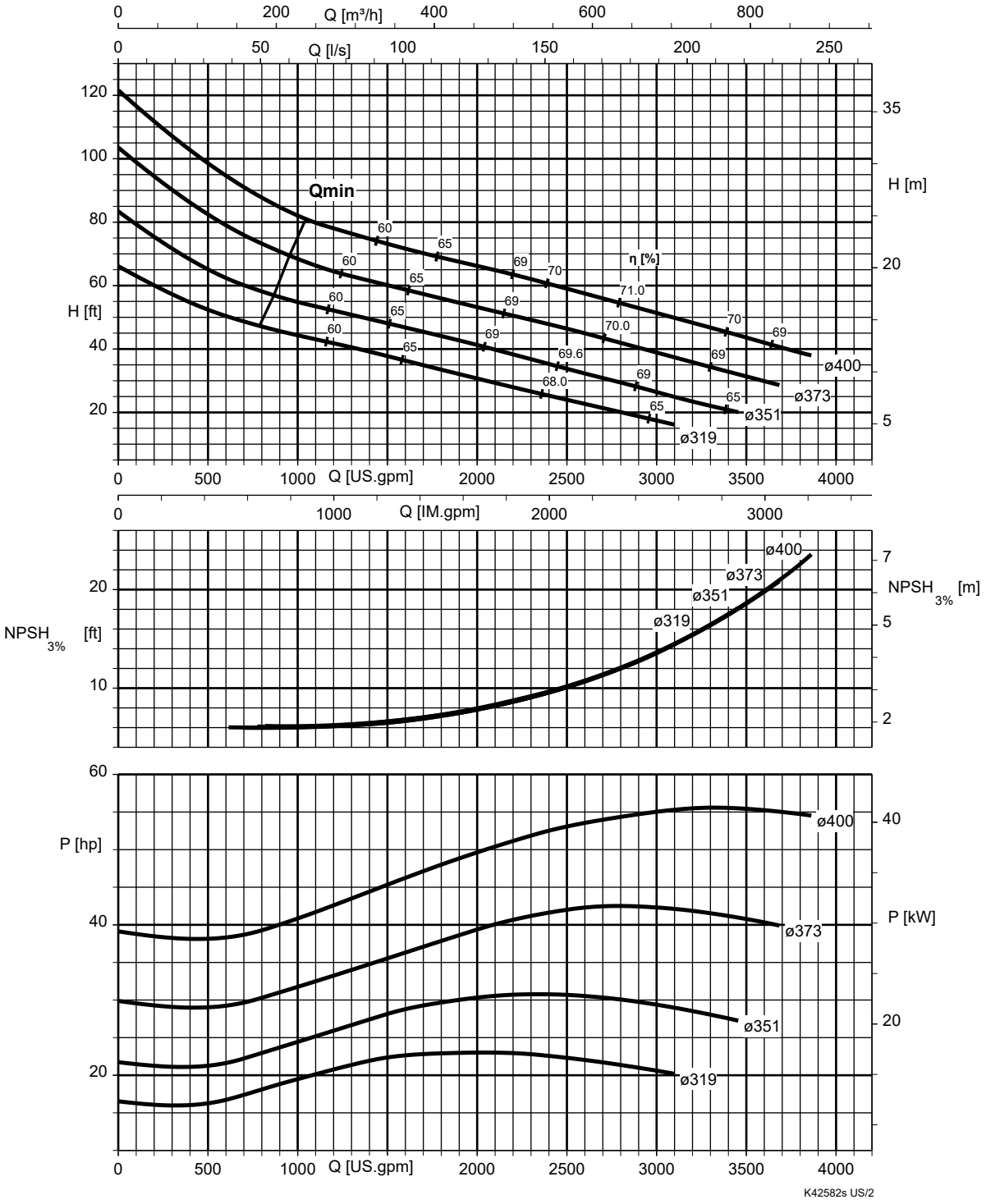
Table 38: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-

Amarex KRT E 200-401, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 5/8 in [143 mm]

Table 39: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-
606_N_	✗	✗	-	✗	✗

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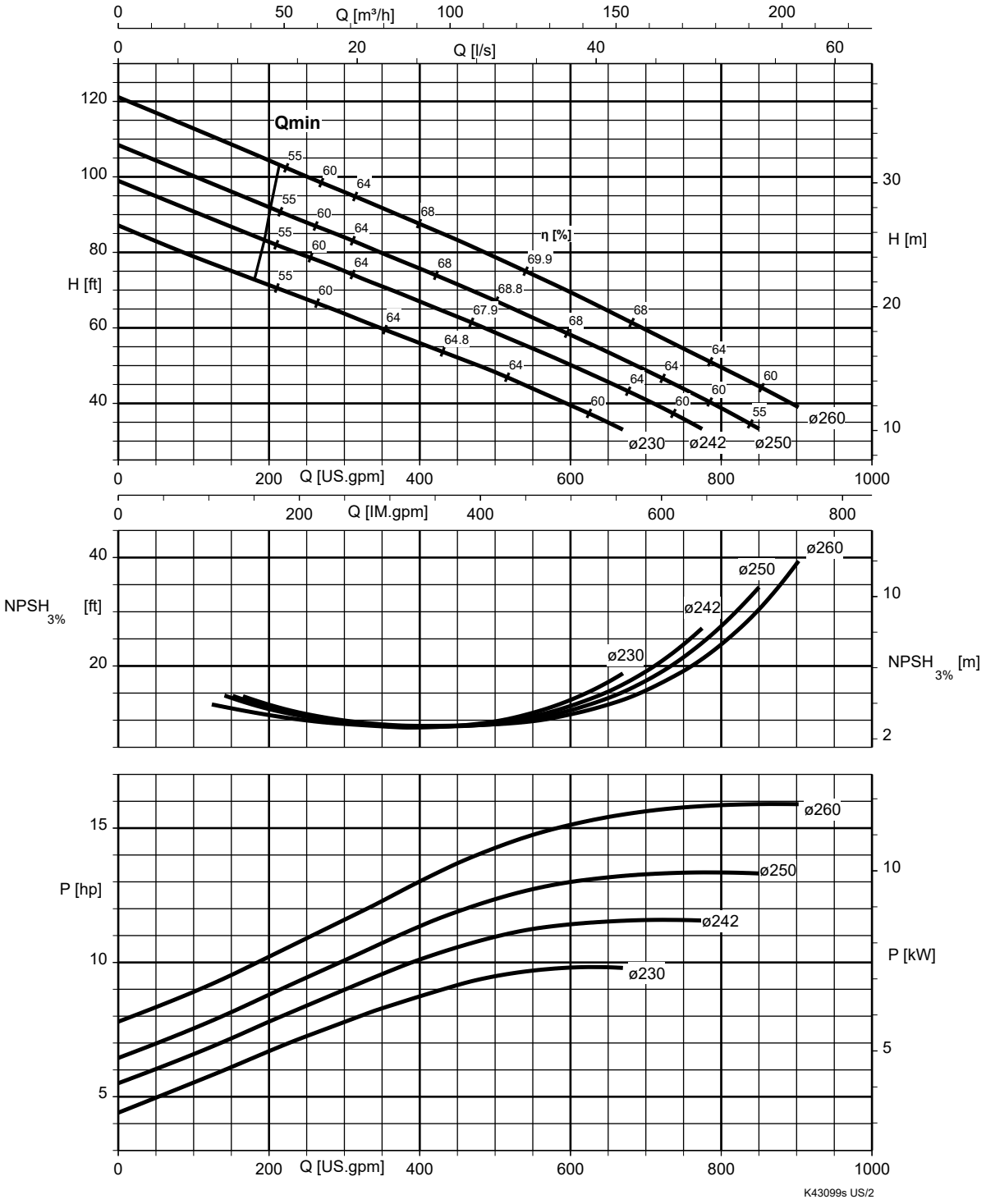
D impeller

Characteristic curves for D impeller

Fig. 4: D impeller

Amarex KRT D 80-315, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



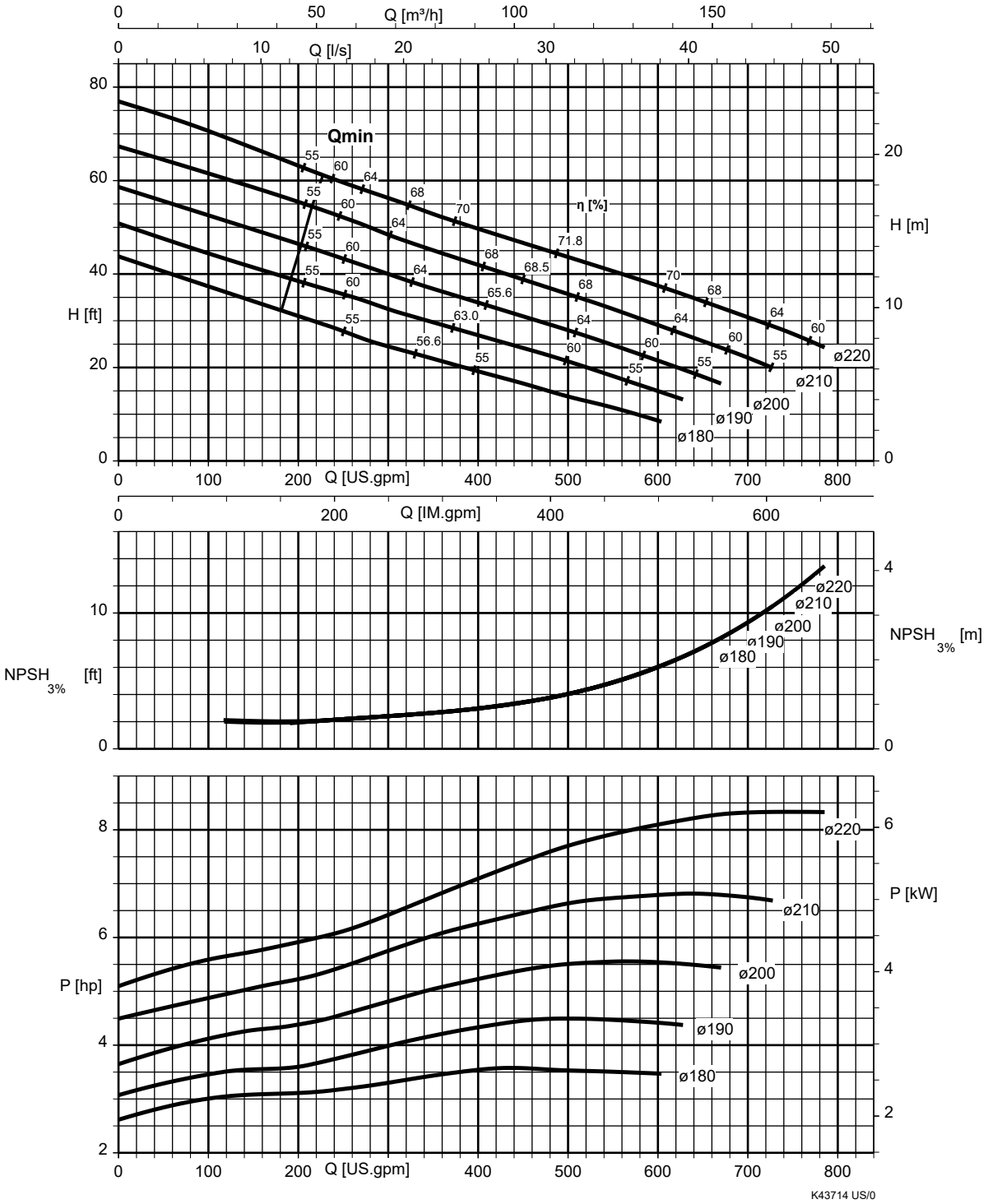
Free passage = 2 9/16 in [65 mm]

Table 40: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗
224_F_	✗	✗	✗	-	-

Amarex KRT D 80-317, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 2 9/16 in [65 mm]

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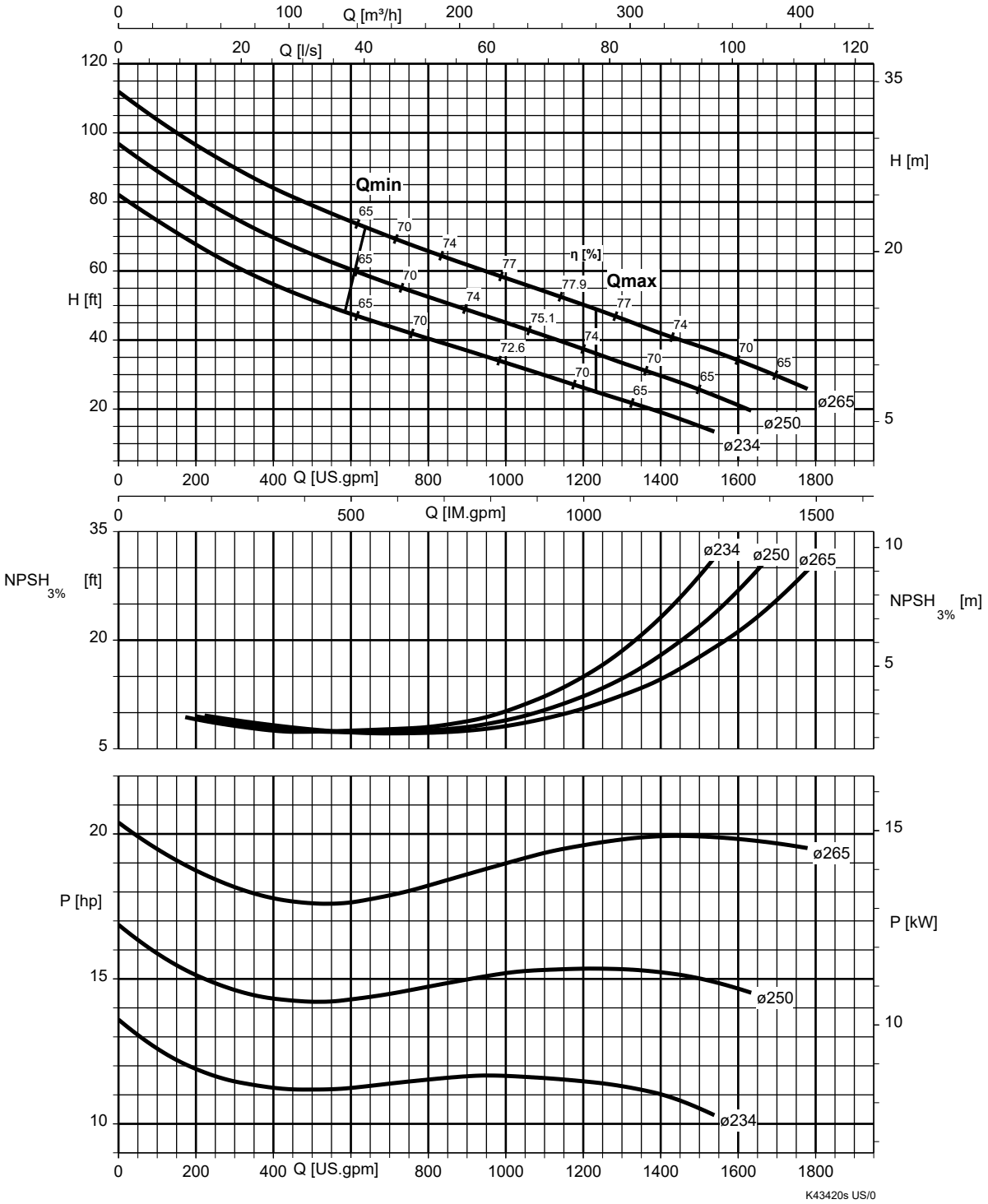
Table 41: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
74_E_	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗

Amarex KRT D 100-253, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



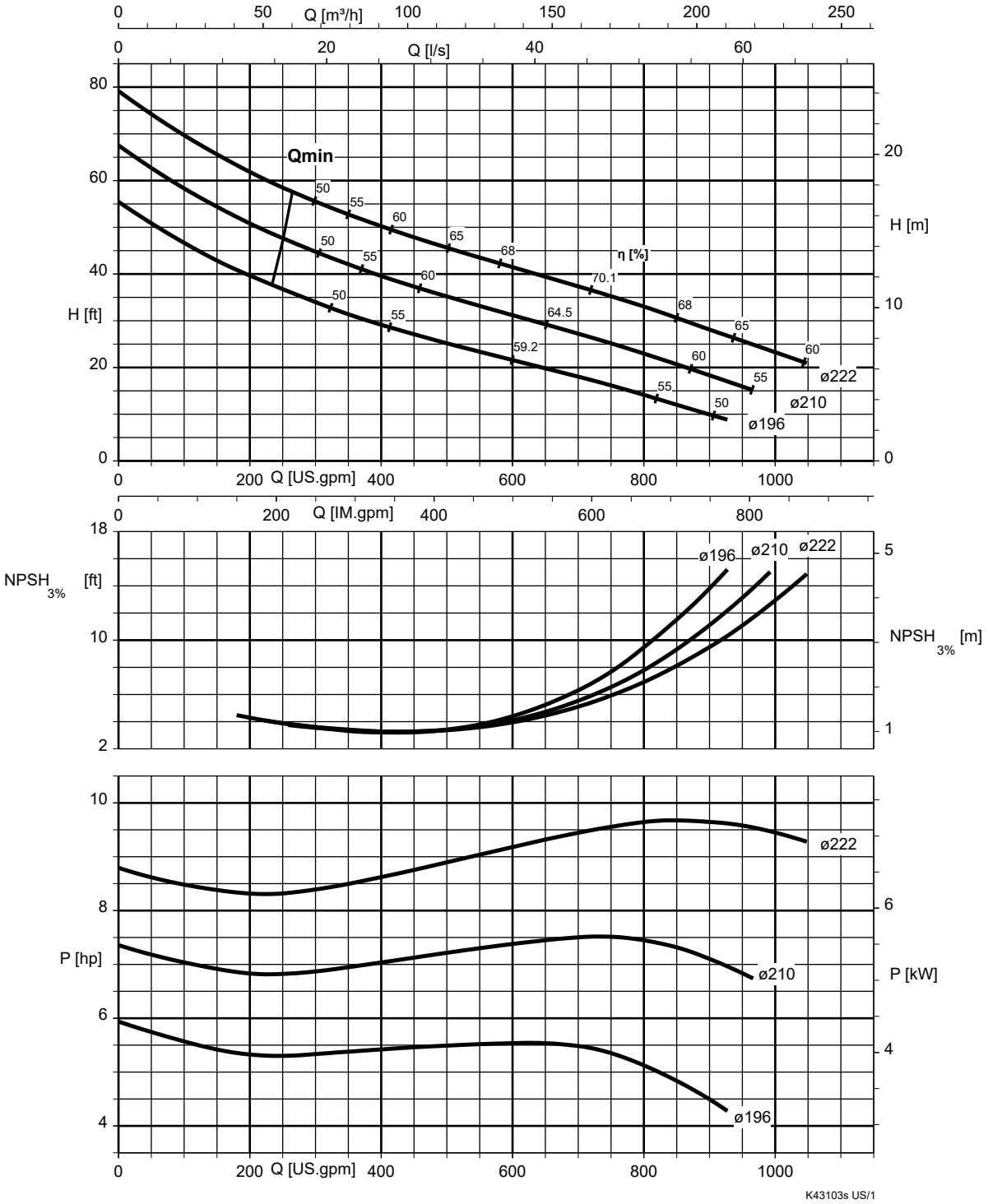
Free passage = 3 in [76 mm]

Table 42: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
154_E_	-	-	-	✗	✗
154_F_	✗	✗	✗	-	-
184_E_	-	-	-	✗	✗
184_F_	✗	✗	✗	-	-
224_E_	-	-	-	✗	✗
224_F_	✗	✗	✗	-	-

Amarex KRT D 100-315, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 2 15/16 in [75 mm]

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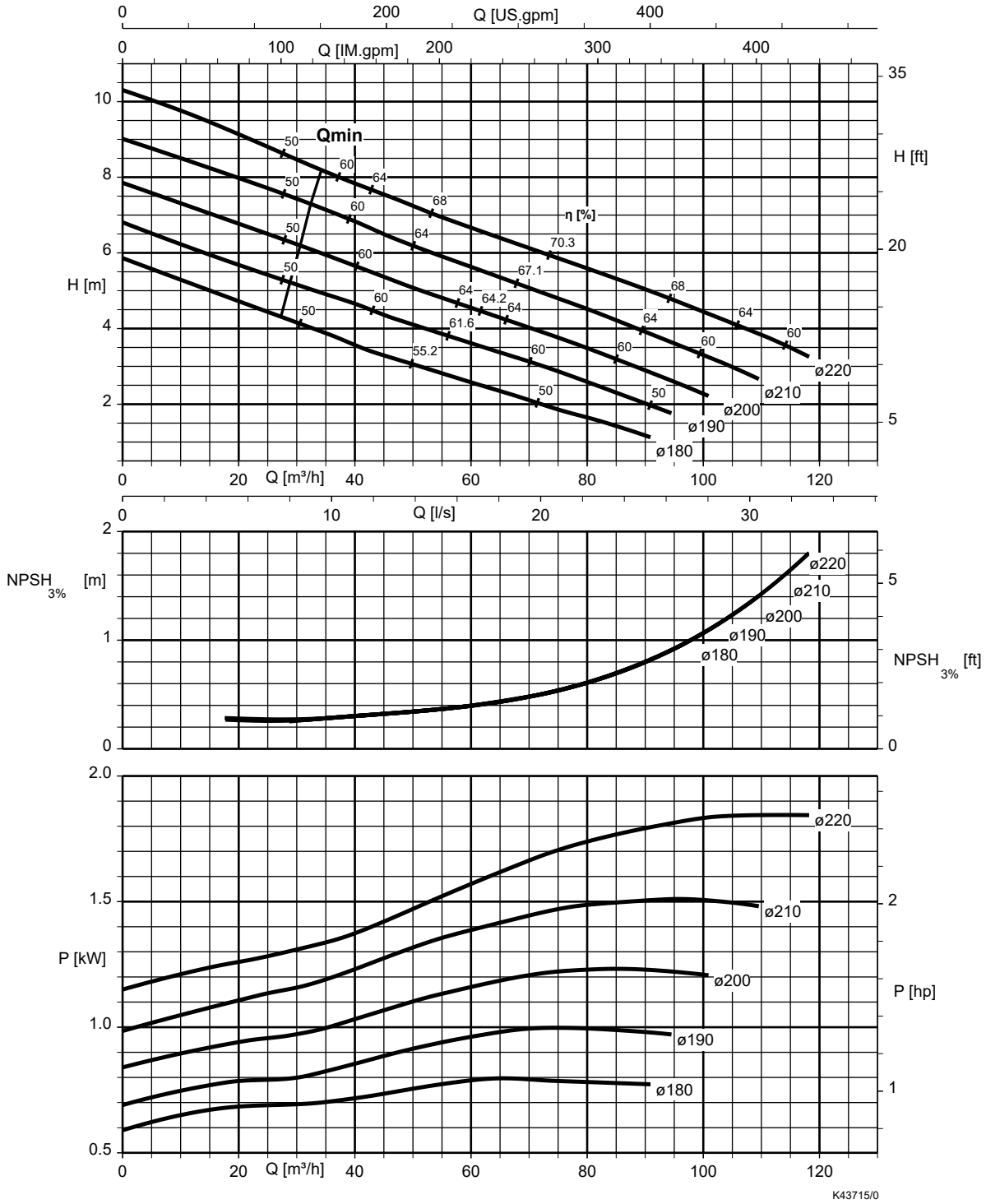
Table 43: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
74_E_	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗

Amarex KRT D 80-317, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



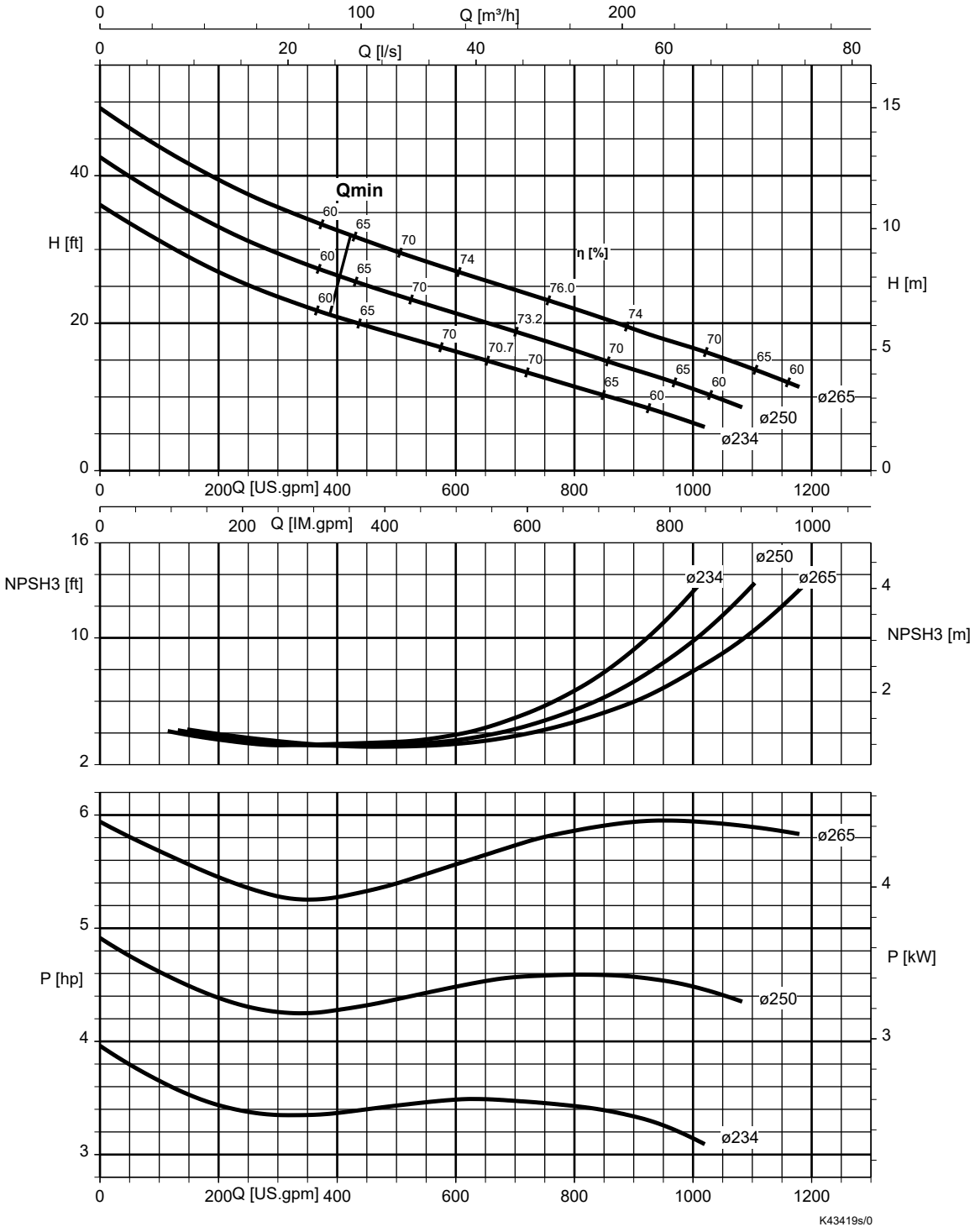
Free passage = 3 in [76 mm]

Table 44: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗

Amarex KRT D 100-253, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



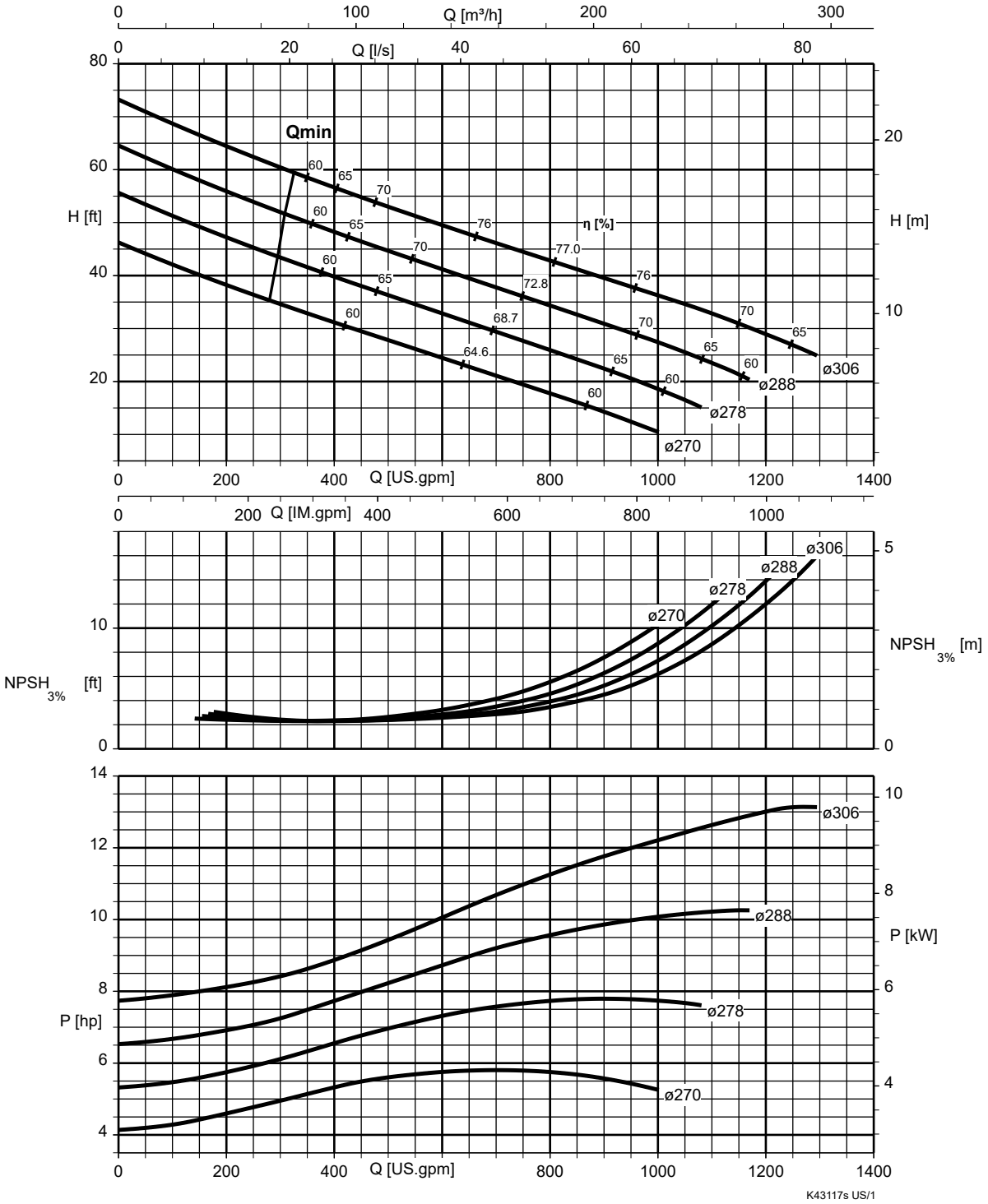
Free passage = 3 in [76 mm]

Table 45: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_F_	✗	✗	✗	-	-

Amarex KRT D 100-316, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



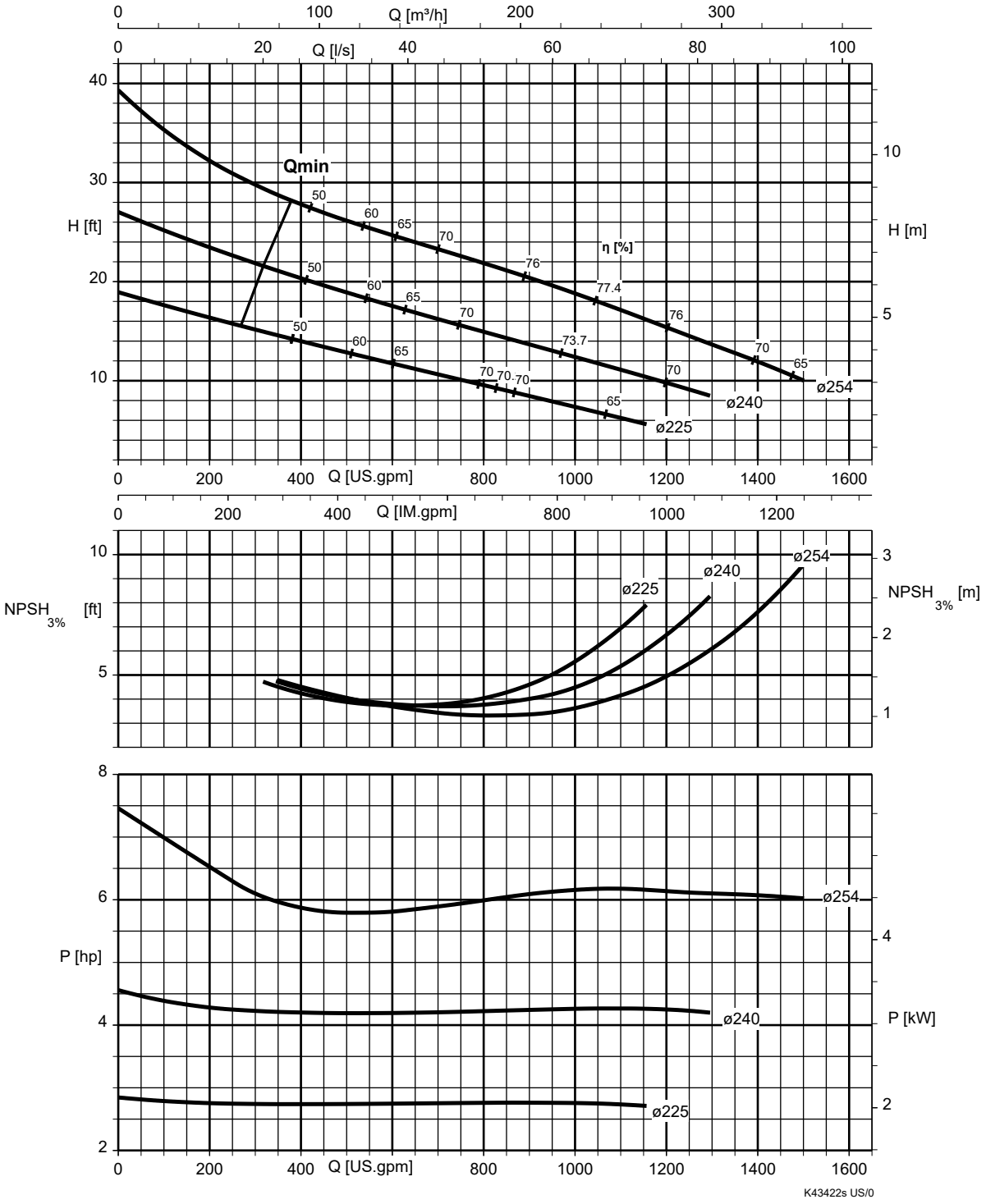
Free passage = 3 3/8 in [85 mm]

Table 46: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-

Amarex KRT D 150-253, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



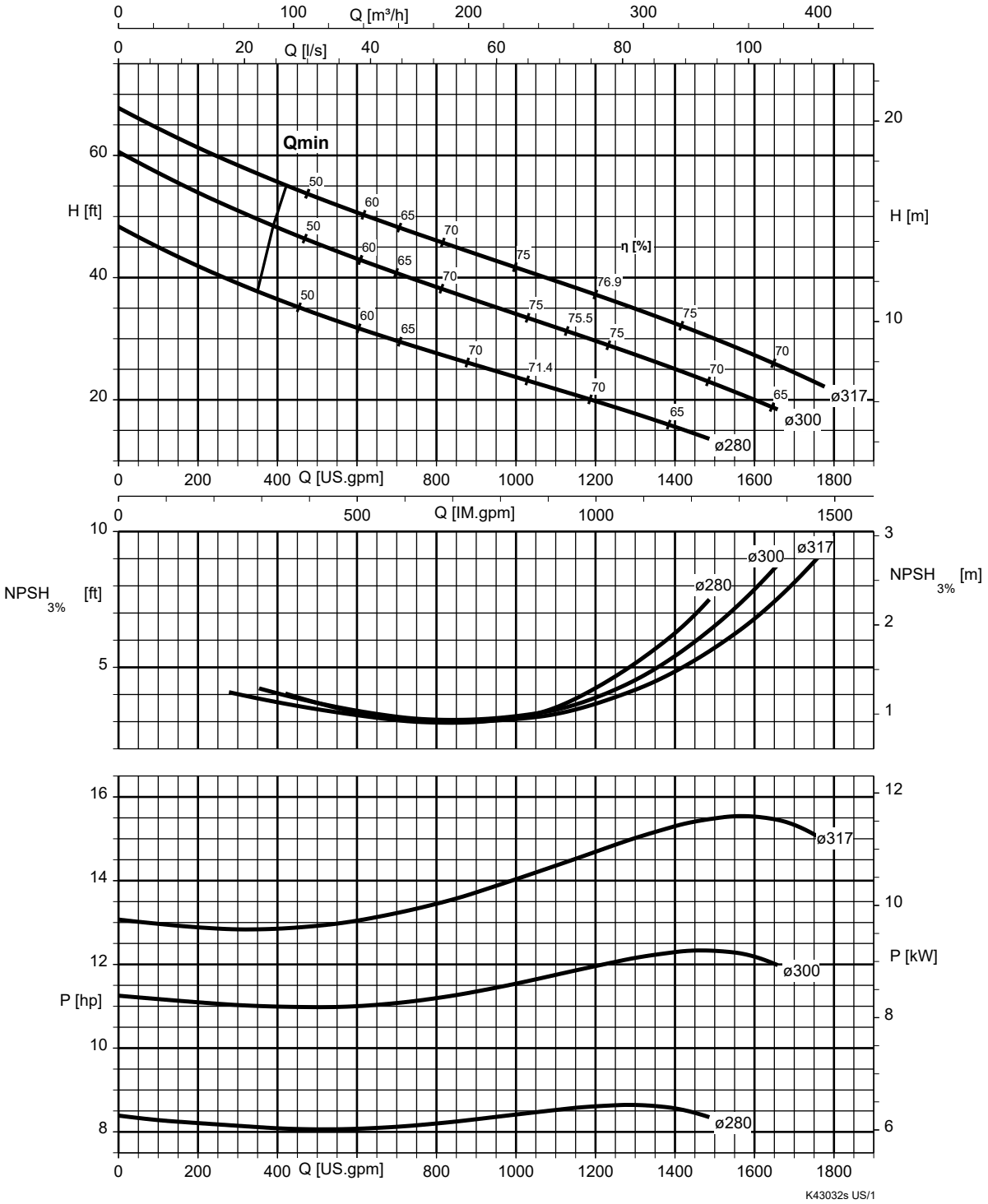
Free passage = 3 15/16 in [100 mm]

Table 47: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗

Amarex KRT D 150-315, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



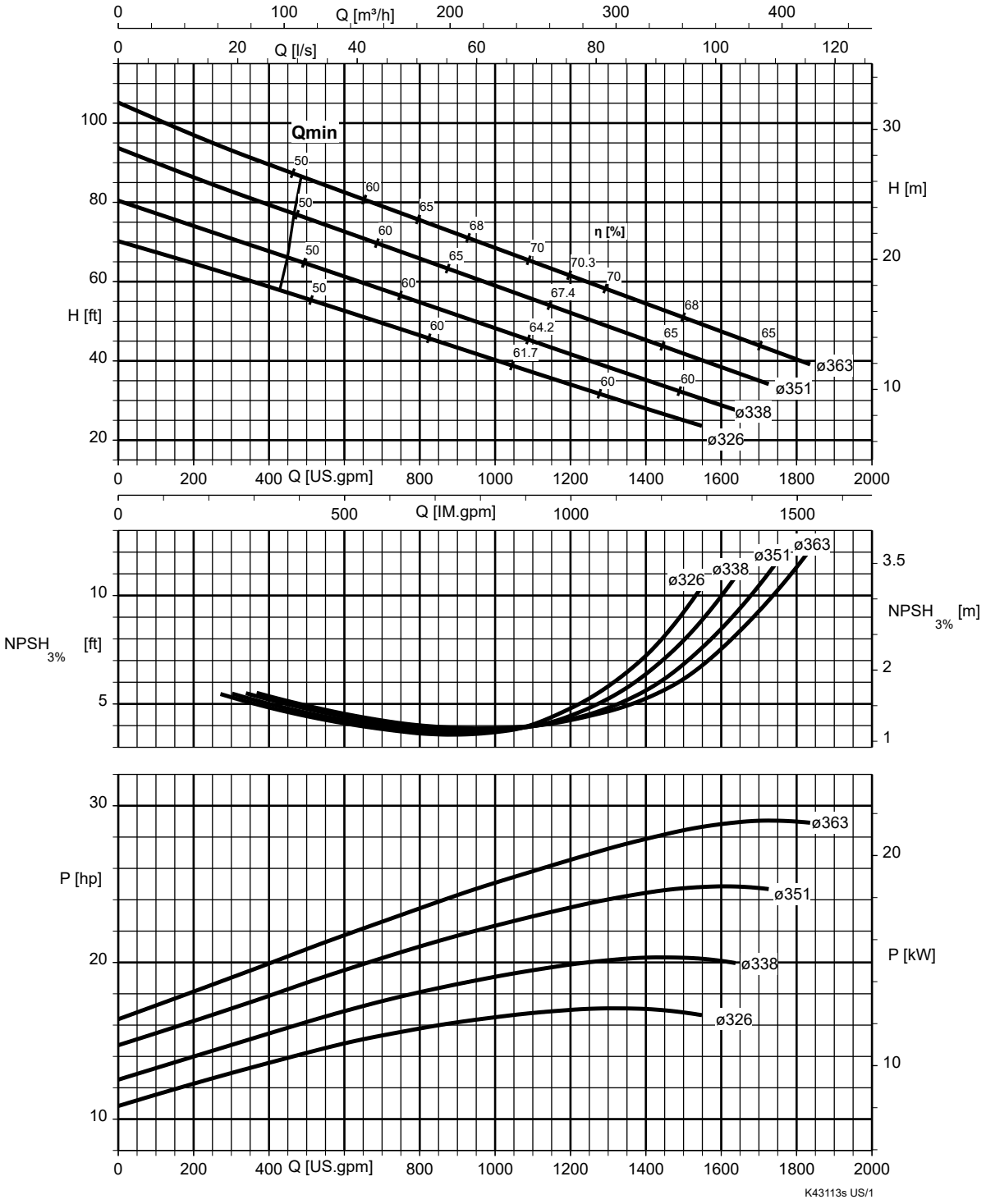
Free passage = 3 15/16 in [100 mm]

Table 48: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-

Amarex KRT D 150-400, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 15/16 in [100 mm]

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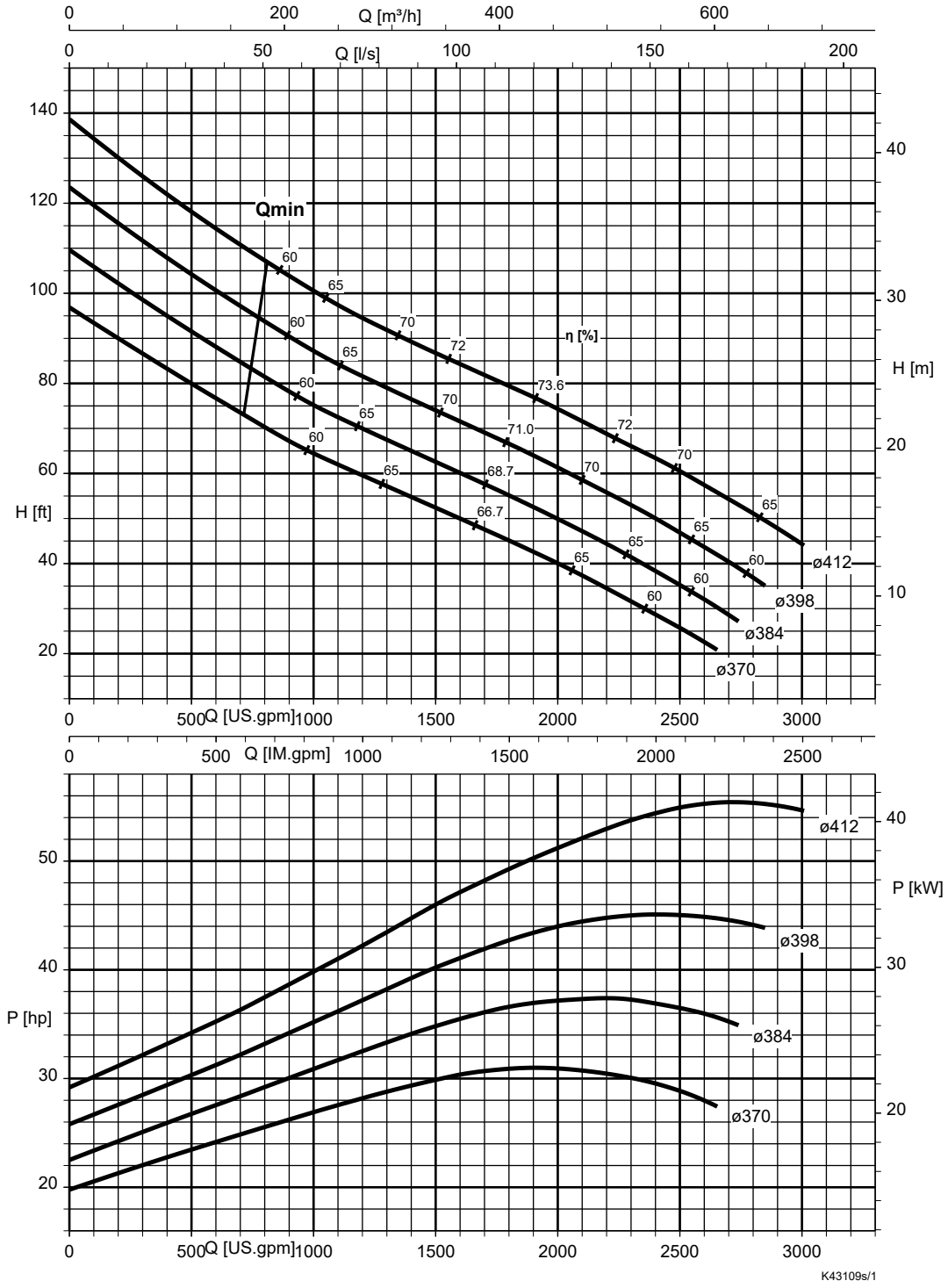
Table 49: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-

Amarex KRT D 150-401, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



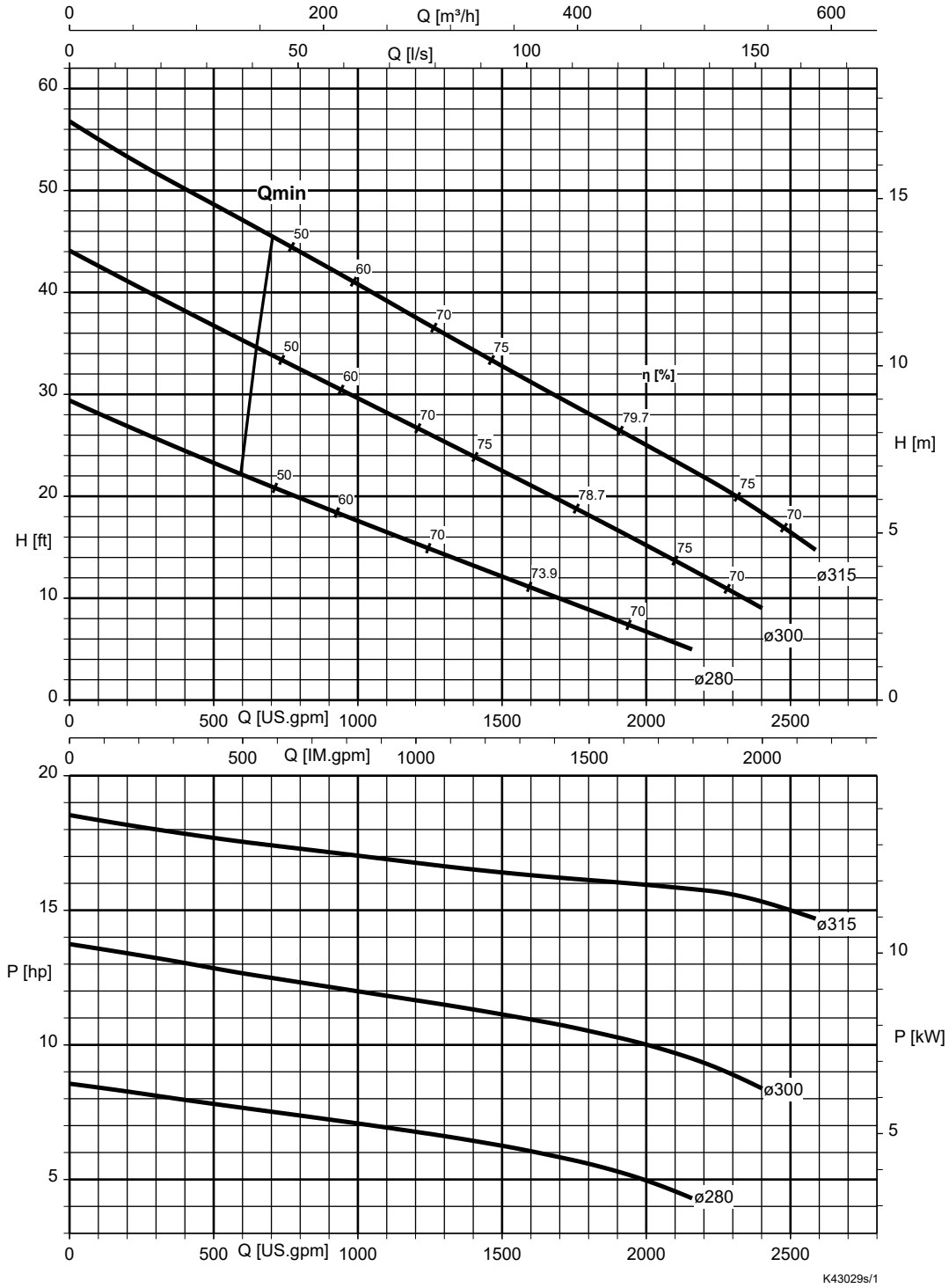
Free passage = 4 5/16 in [110 mm]

Table 50: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-

Amarex KRT D 200-315, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



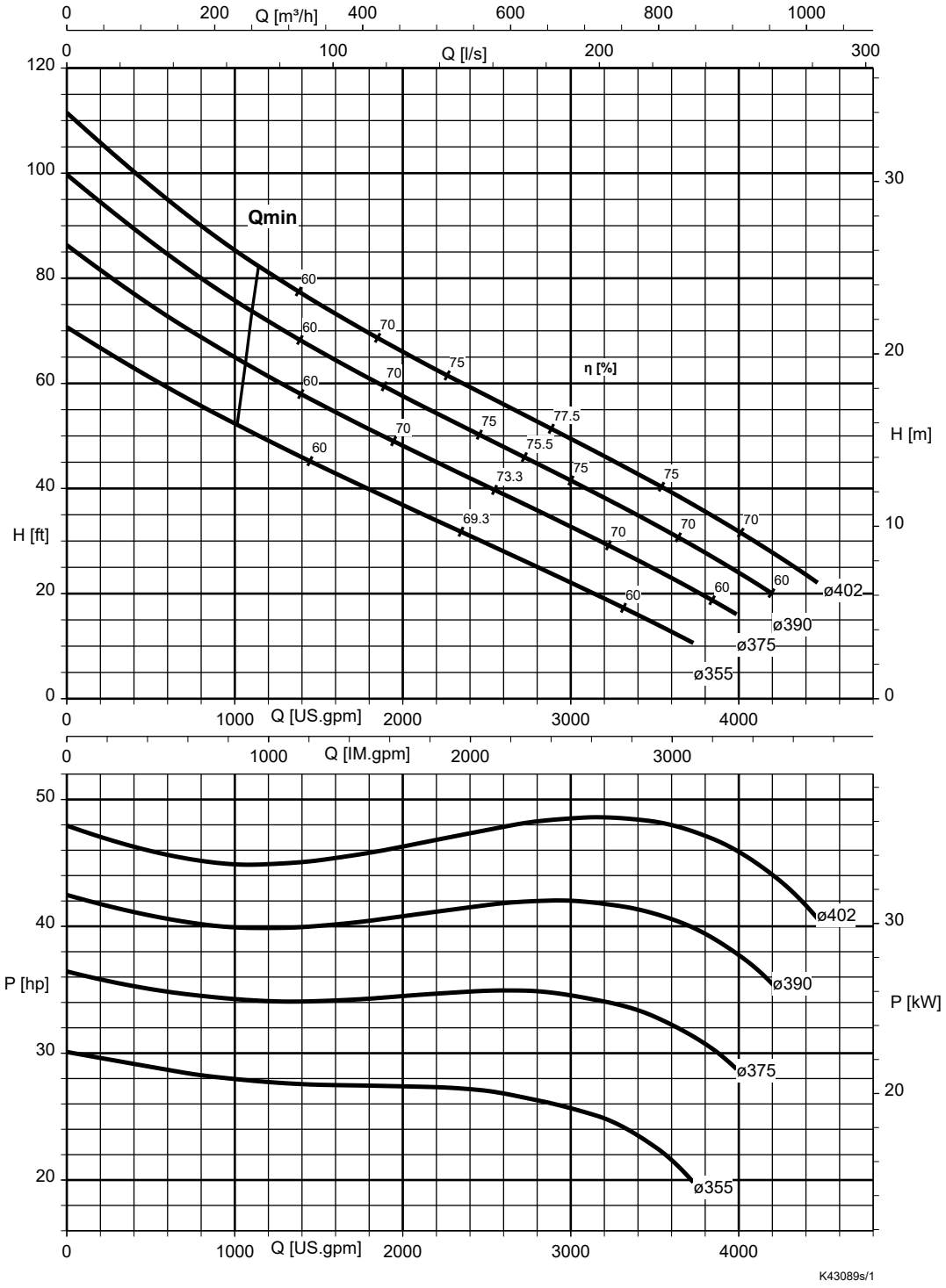
Free passage = 3 15/16 in [100 mm]

Table 51: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	-	-	-	✗	✗
116_E_	-	-	-	✗	✗
156_E_	-	-	-	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	-	-	-	✗	✗
186_F_	✗	✗	✗	-	-
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-

Amarex KRT D 200-400, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 15/16 in [100 mm]

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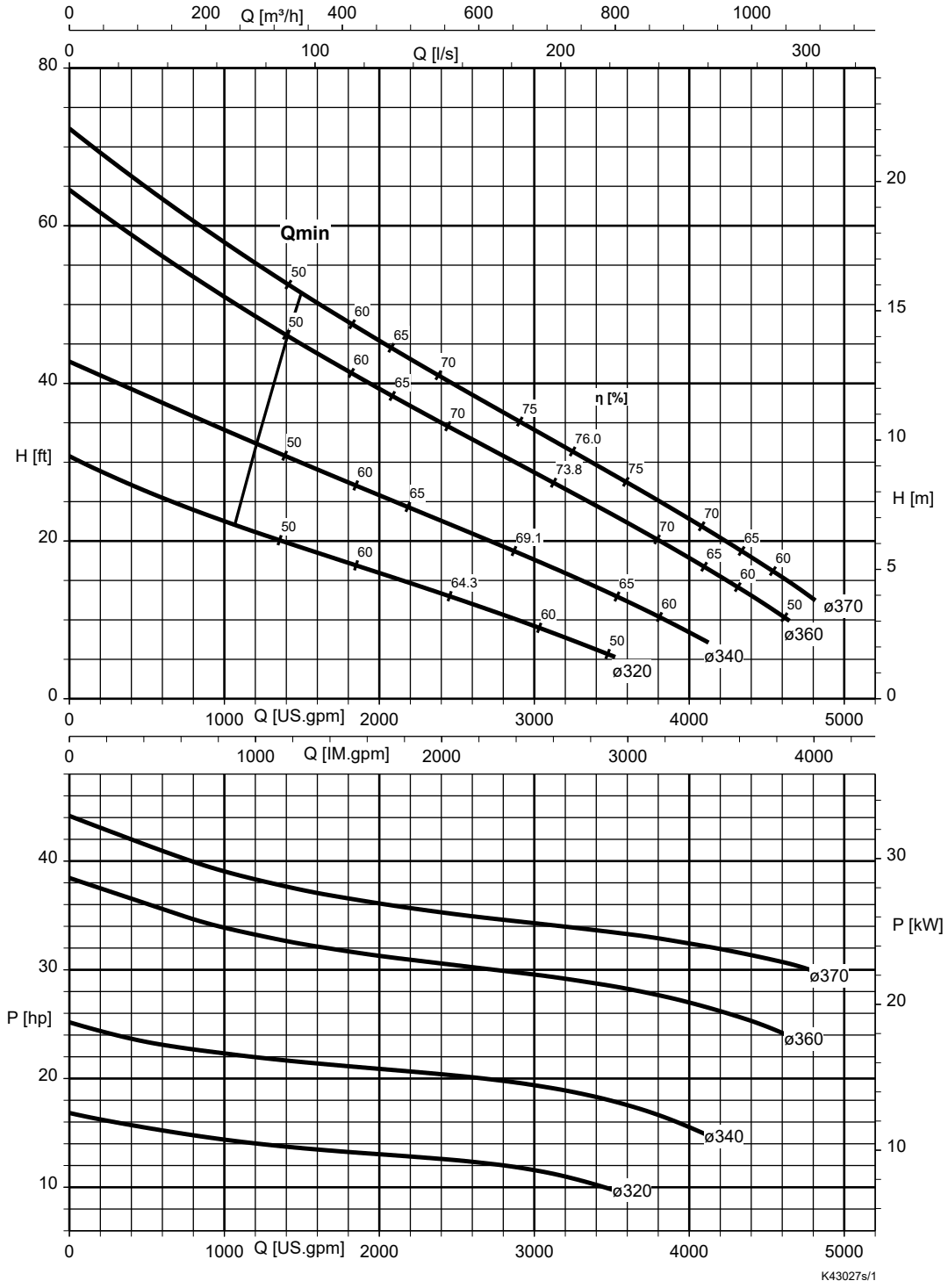
Table 52: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-

Amarex KRT D 250-400, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 4 3/4 in [120 mm]

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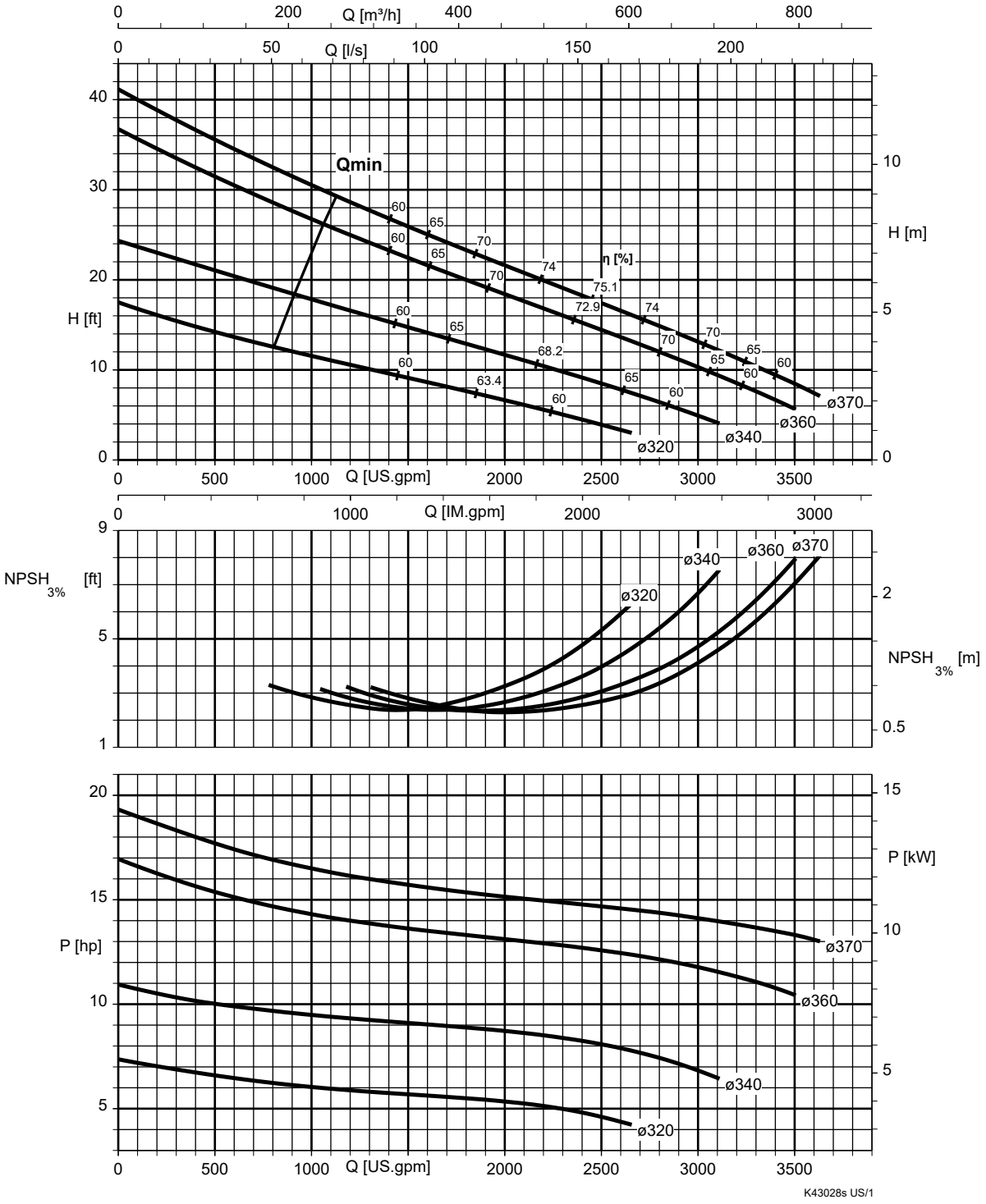
Table 53: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_F_	✗	✗	✗	-	-
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-

Amarex KRT D 250-400, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 4 3/4 in [120 mm]

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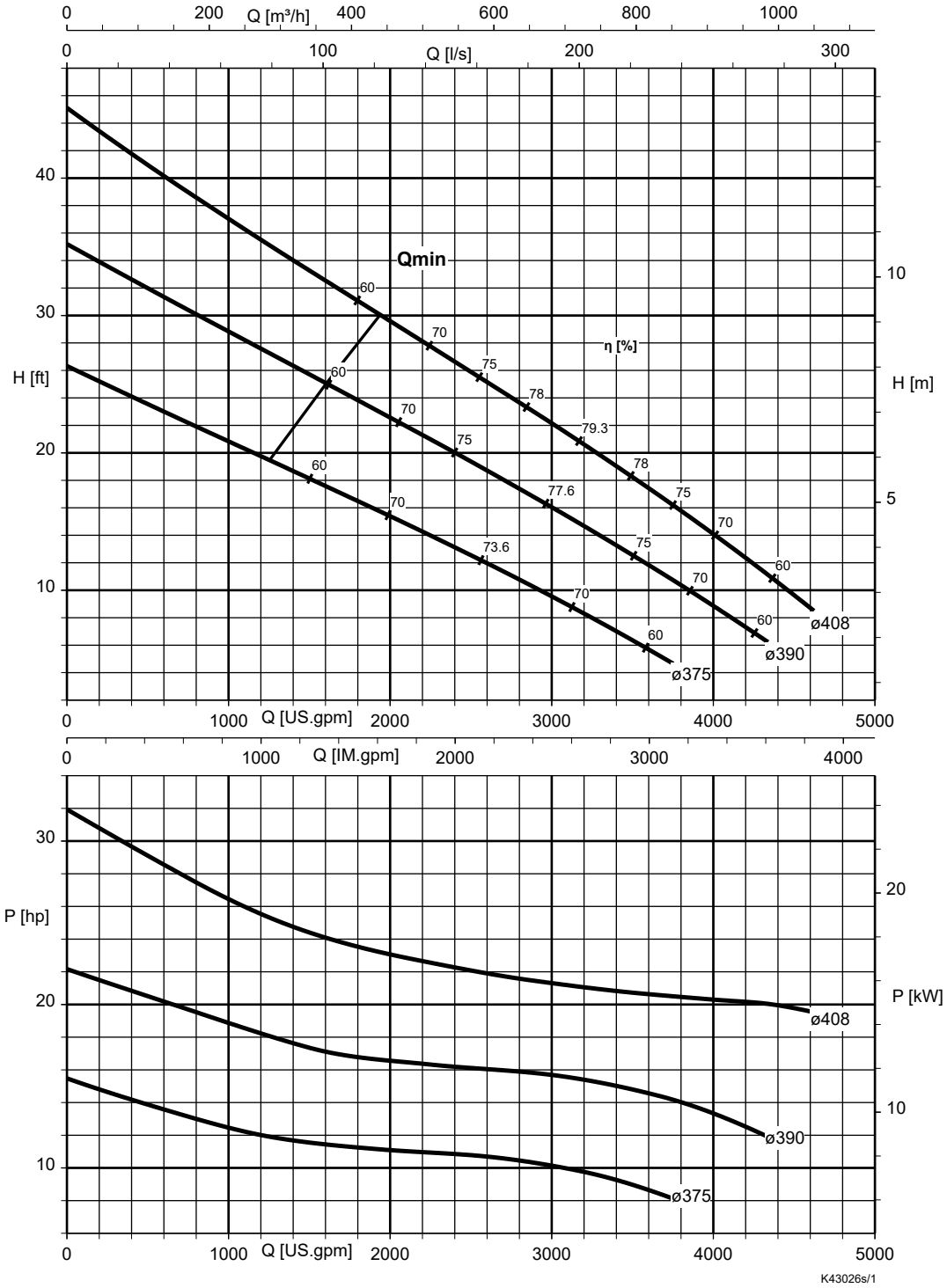
Table 54: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
118_E_	-	-	-	✗	✗
158_E_	-	-	-	✗	✗
158_F_	✗	✗	✗	-	-
188_E_	-	-	-	✗	✗
188_F_	✗	✗	✗	-	-
228_E_	-	-	-	✗	✗
228_F_	✗	✗	✗	-	-
308_E_	-	-	-	✗	✗
308_F_	✗	✗	✗	-	-
378_E_	-	-	-	✗	✗
458_E_	-	-	-	✗	✗

Amarex KRT D 300-400, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 15/16 in [150 mm]

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Table 55: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
118_E_	-	-	-	✗	✗
158_E_	-	-	-	✗	✗
158_F_	✗	✗	✗	-	-
188_E_	-	-	-	✗	✗
188_F_	✗	✗	✗	-	-
228_E_	-	-	-	✗	✗
228_F_	✗	✗	✗	-	-
308_E_	-	-	-	✗	✗
308_F_	✗	✗	✗	-	-
378_E_	-	-	-	✗	✗
378_F_	✗	✗	✗	-	-
458_E_	-	-	-	✗	✗
458_F_	✗	✗	✗	-	-

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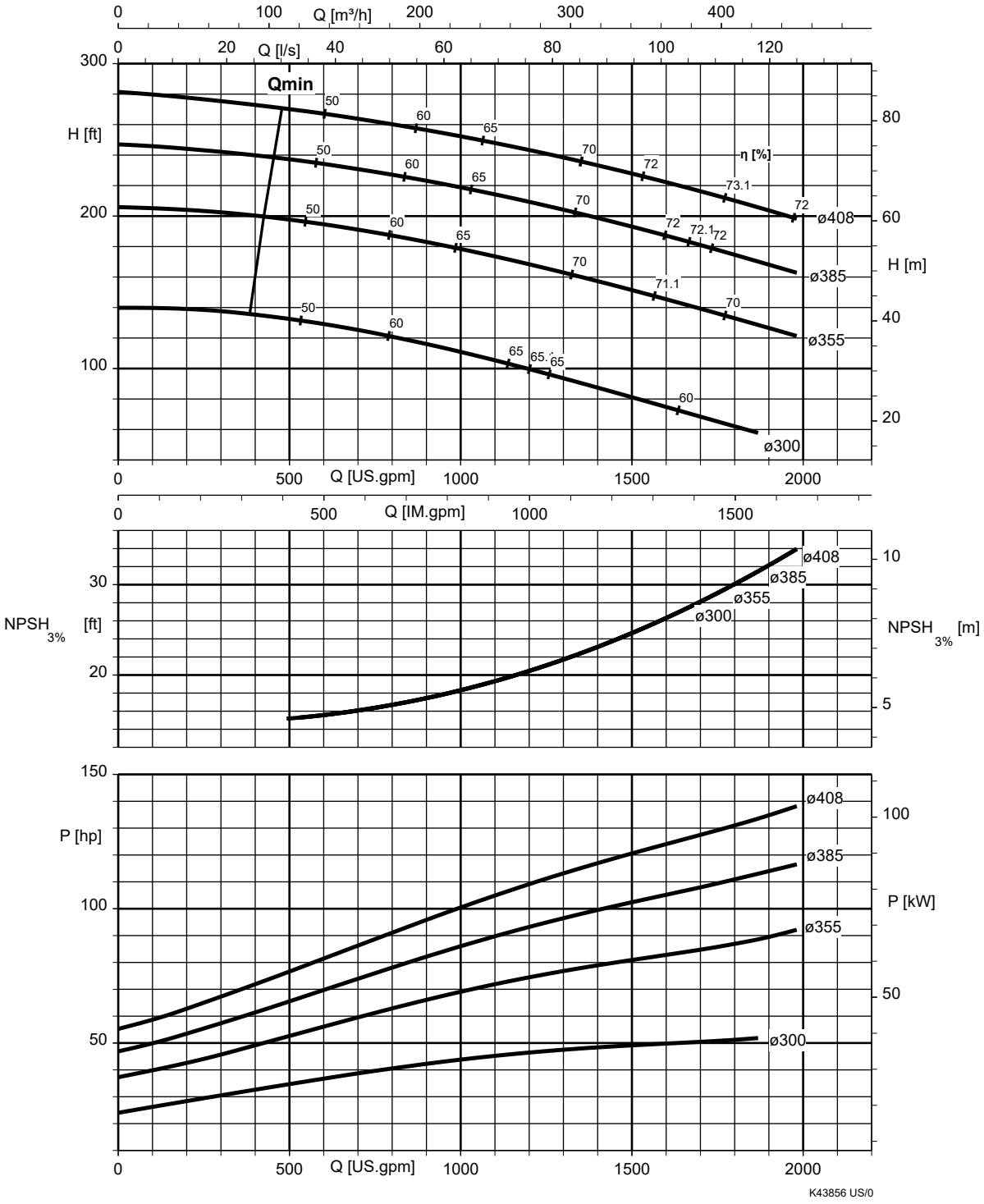
D-max impeller

Characteristic curves for D-max impeller

Fig. 5: D-max impeller

Amarex KRT D 100-403, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



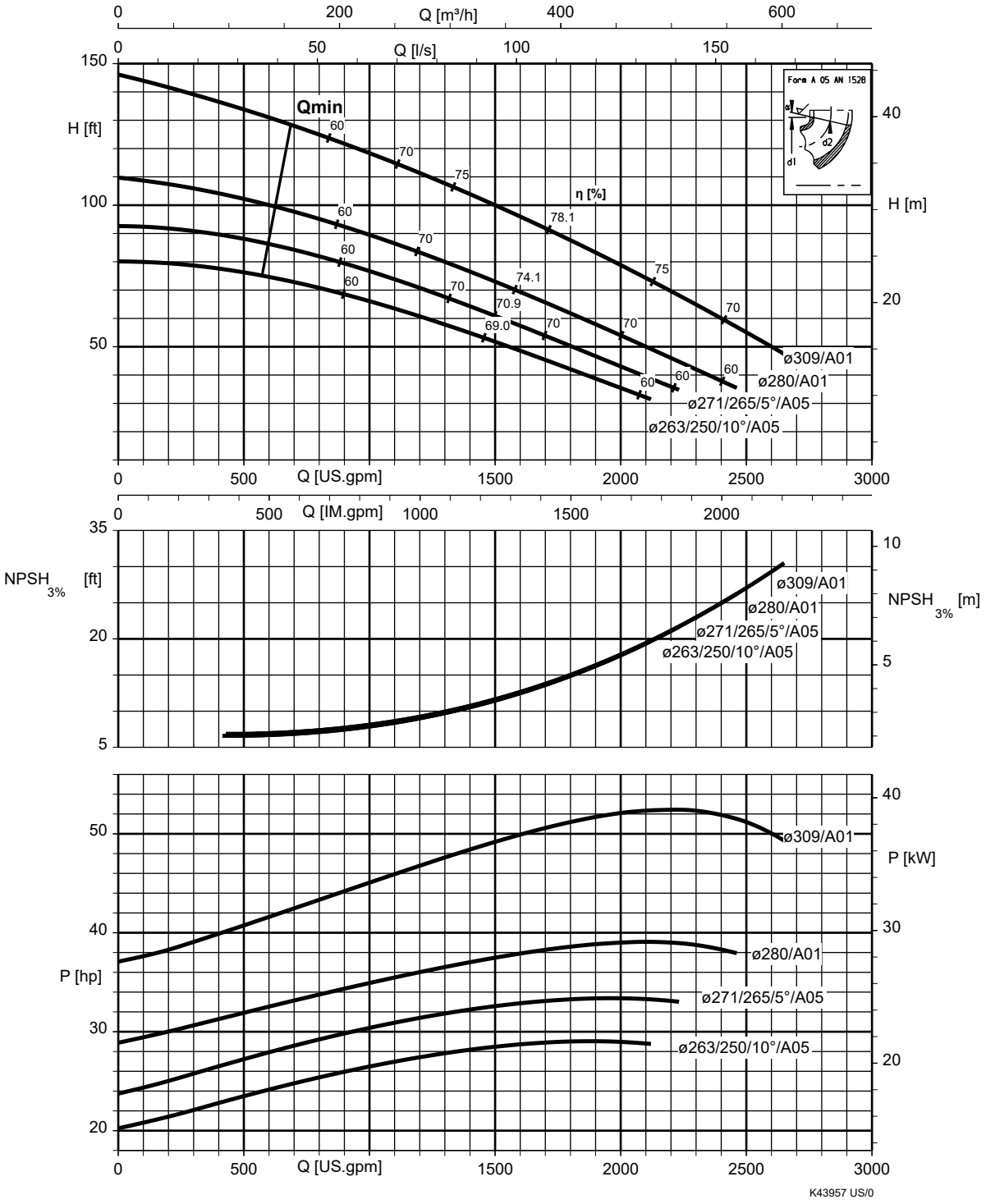
Free passage = 3 in [76 mm]

Table 56: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
304_E_	-	-	-	✗	✗
304_F_	✗	✗	✗	-	-
374_E_	-	-	-	✗	✗
374_F_	✗	✗	✗	-	-
454_E_	-	-	-	✗	✗
554_E_	-	-	-	✗	✗
554_F_	✗	✗	✗	-	-
654_E_	-	-	-	✗	✗
654_F_	✗	✗	✗	-	-
754_E_	-	-	-	✗	✗
754_F_	✗	✗	✗	-	-
804_N_	✗	✗	-	✗	✗
954_N_	✗	✗	-	✗	✗
1104_N_	✗	✗	-	✗	✗
1304_N_	✗	✗	-	✗	✗
1554_N_	✗	✗	-	✗	✗

Amarex KRT D 150-317, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



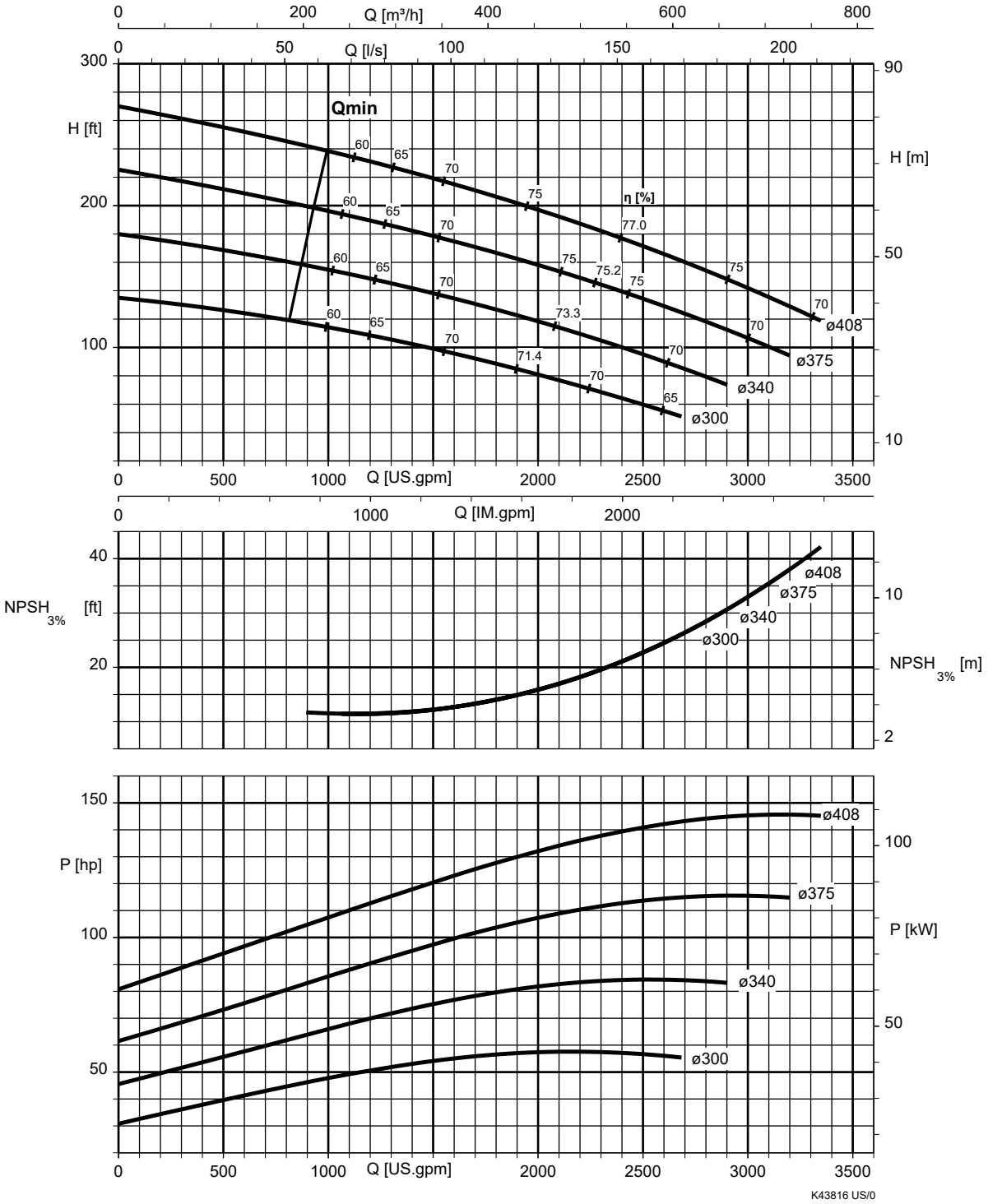
Free passage = 3 in [76 mm]

Table 57: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
154_E_	✗	✗	✗	✗	✗
184_E_	✗	✗	✗	✗	✗
224_E_	✗	✗	✗	✗	✗
304_E_	-	-	-	✗	✗
304_F_	✗	✗	✗	-	-
374_E_	-	-	-	✗	✗
374_F_	✗	✗	✗	-	-
454_E_	-	-	-	✗	✗
554_E_	-	-	-	✗	✗
554_F_	✗	✗	✗	-	-
654_E_	-	-	-	✗	✗
654_F_	✗	✗	✗	-	-
754_E_	-	-	-	✗	✗
754_F_	✗	✗	✗	-	-

Amarex KRT D 150-403, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



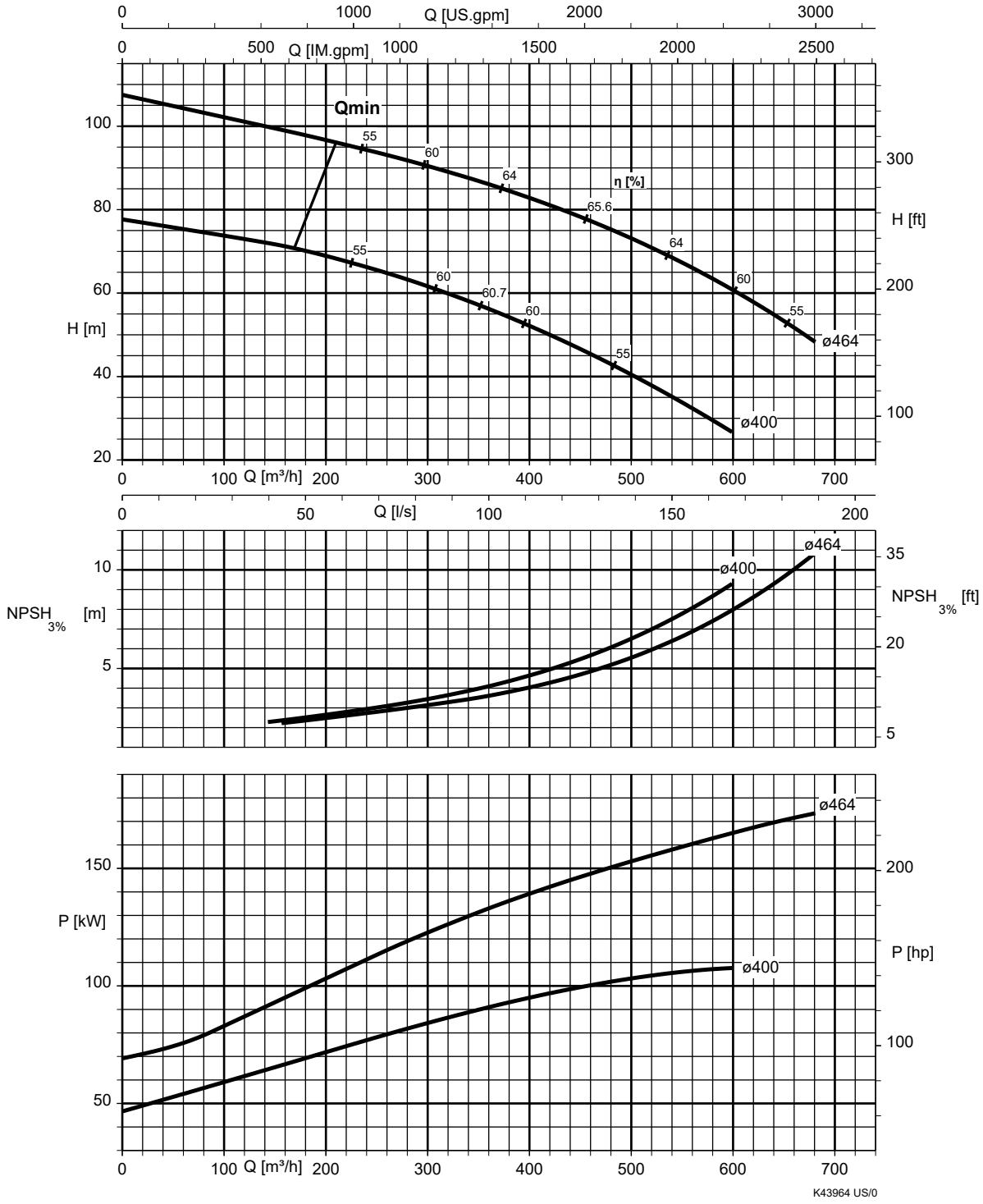
Free passage = 3 in [76 mm]

Table 58: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
304_E_	-	-	-	✗	✗
304_F_	✗	✗	✗	-	-
374_E_	-	-	-	✗	✗
374_F_	✗	✗	✗	-	-
454_E_	-	-	-	✗	✗
554_E_	-	-	-	✗	✗
554_F_	✗	✗	✗	-	-
654_E_	-	-	-	✗	✗
654_F_	✗	✗	✗	-	-
754_E_	-	-	-	✗	✗
754_F_	✗	✗	✗	-	-
804_N_	✗	✗	-	✗	✗
954_N_	✗	✗	-	✗	✗
1104_N_	✗	✗	-	✗	✗
1304_N_	✗	✗	-	✗	✗
1554_N_	✗	✗	-	✗	✗

Amarex KRT D 150-503, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



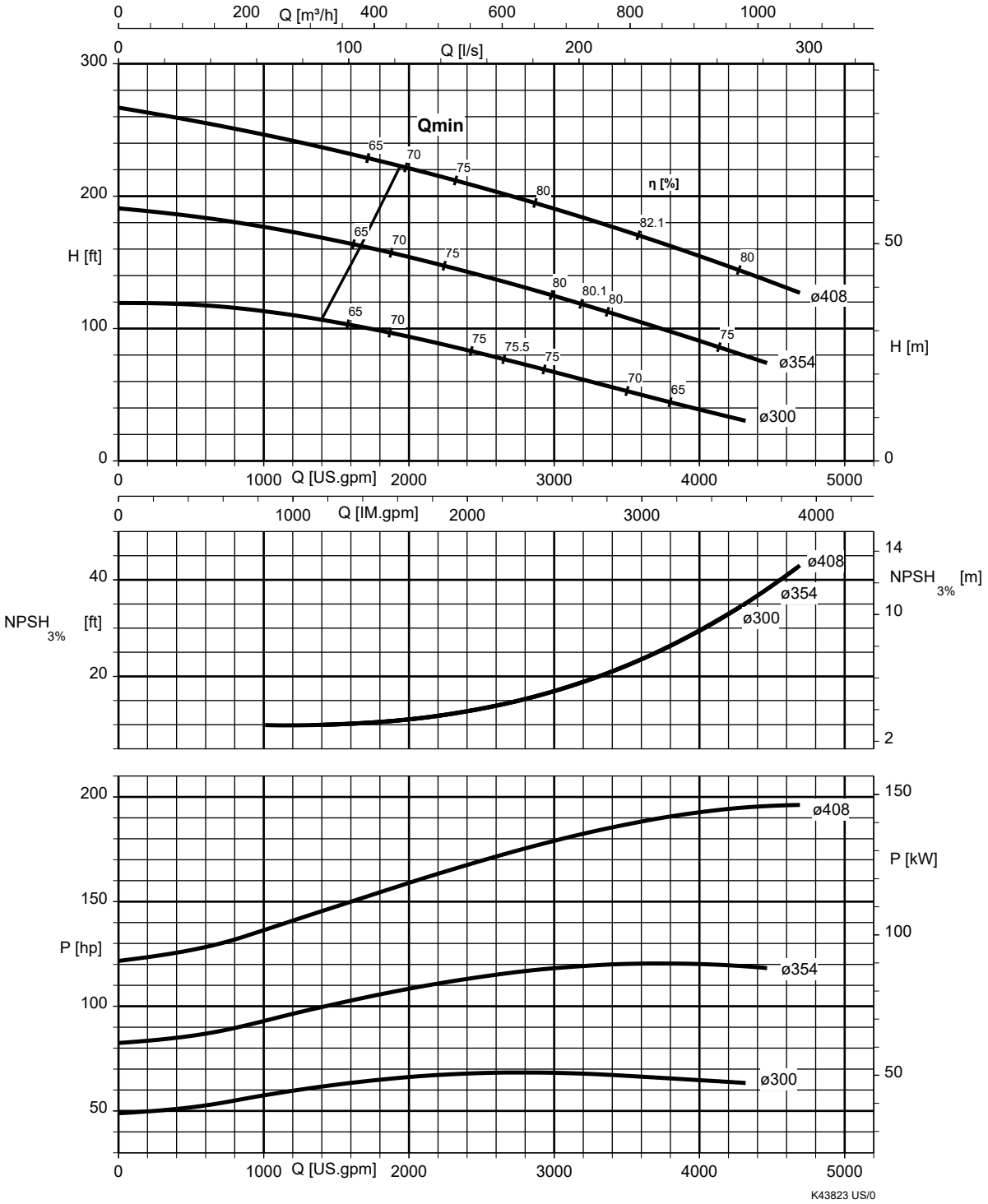
Free passage = 3 in [76 mm]

Table 59: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
804_N_	✗	✗	-	✗	✗
954_N_	✗	✗	-	✗	✗
1104_N_	✗	✗	-	✗	✗
1304_N_	✗	✗	-	✗	✗
1554_N_	✗	✗	-	✗	✗
1754_N_	✗	✗	-	✗	✗
2004_N_	✗	✗	-	-	✗
2504_N_	✗	✗	-	-	✗
3004_N_	✗	✗	-	-	✗

Amarex KRT D 200-405, n = 1750 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



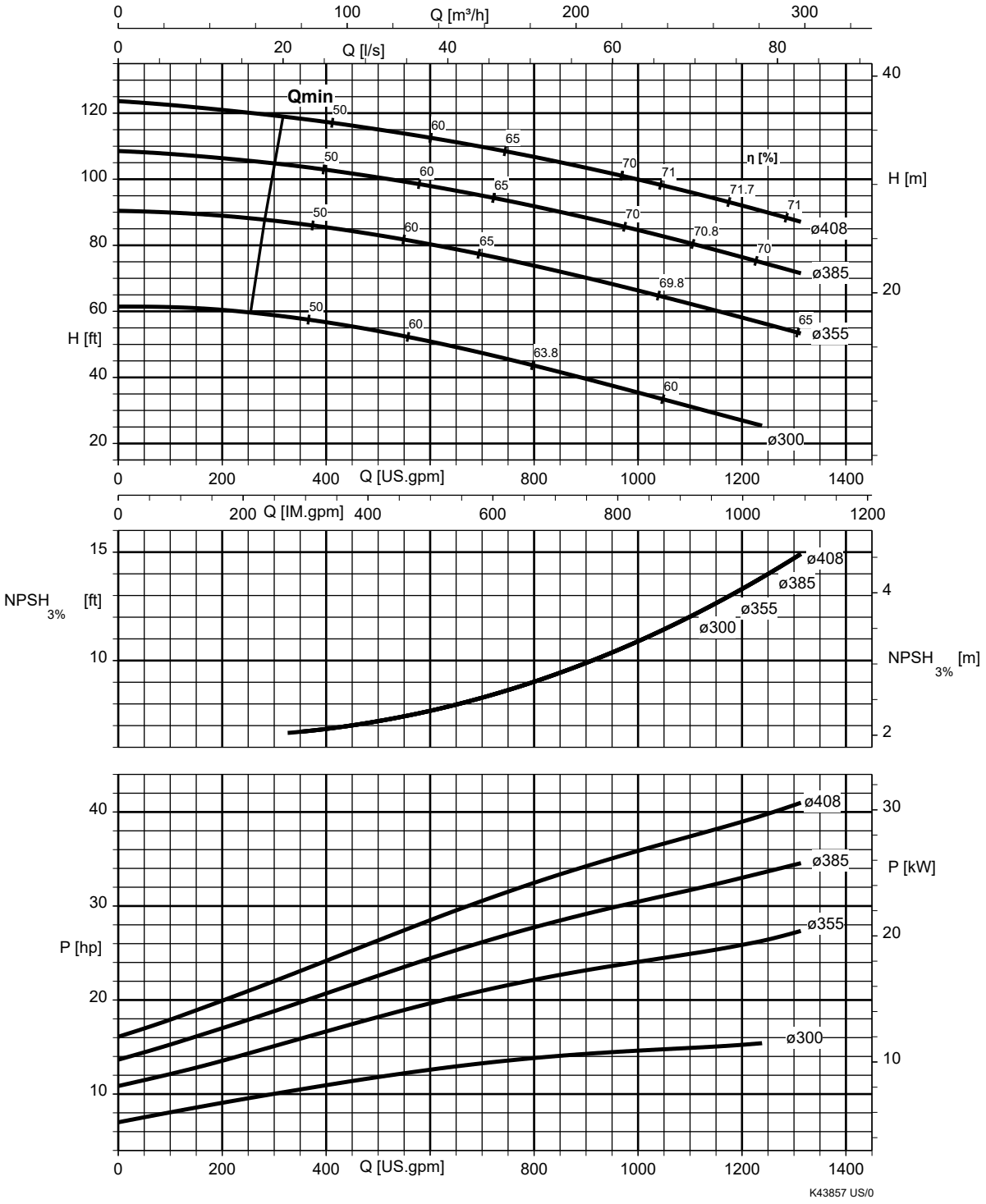
Free passage = 3 9/16 in [90 mm]

Table 60: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
304_E_	-	-	-	✗	✗
374_E_	-	-	-	✗	✗
454_E_	-	-	-	✗	✗
554_E_	-	-	-	✗	✗
554_F_	✗	✗	✗	-	-
654_E_	-	-	-	✗	✗
654_F_	✗	✗	✗	-	-
754_E_	-	-	-	✗	✗
754_F_	✗	✗	✗	-	-
804_N_	✗	✗	-	✗	✗
954_N_	✗	✗	-	✗	✗
1104_N_	✗	✗	-	✗	✗
1304_N_	✗	✗	-	✗	✗
1554_N_	✗	✗	-	✗	✗
1754_N_	-	-	-	✗	✗

Amarex KRT D 100-403, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 in [76 mm]

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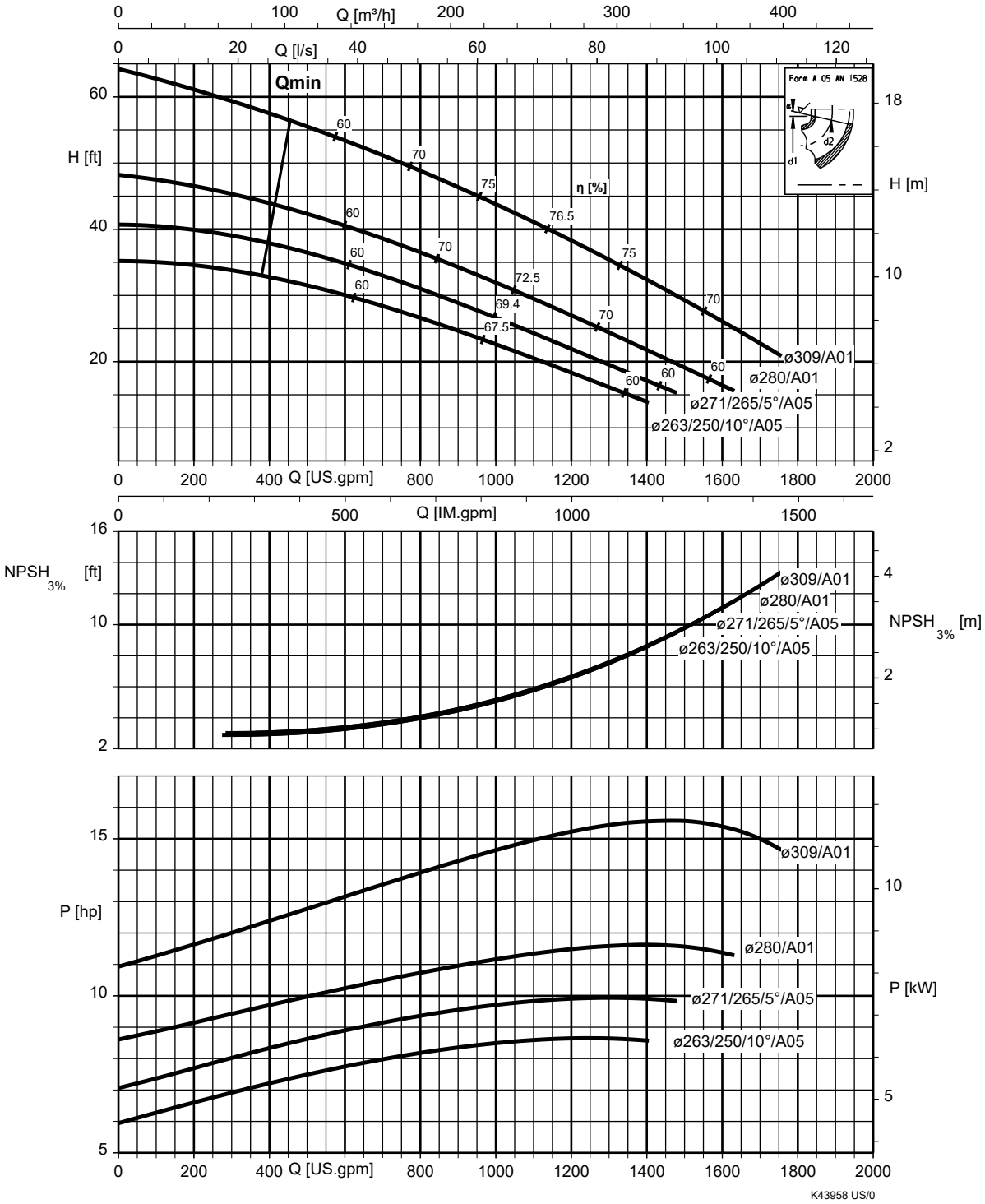
Table 61: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-
606_N_	✗	✗	-	✗	✗
806_N_	✗	✗	-	✗	✗

Amarex KRT D 150-317, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 in [76 mm]

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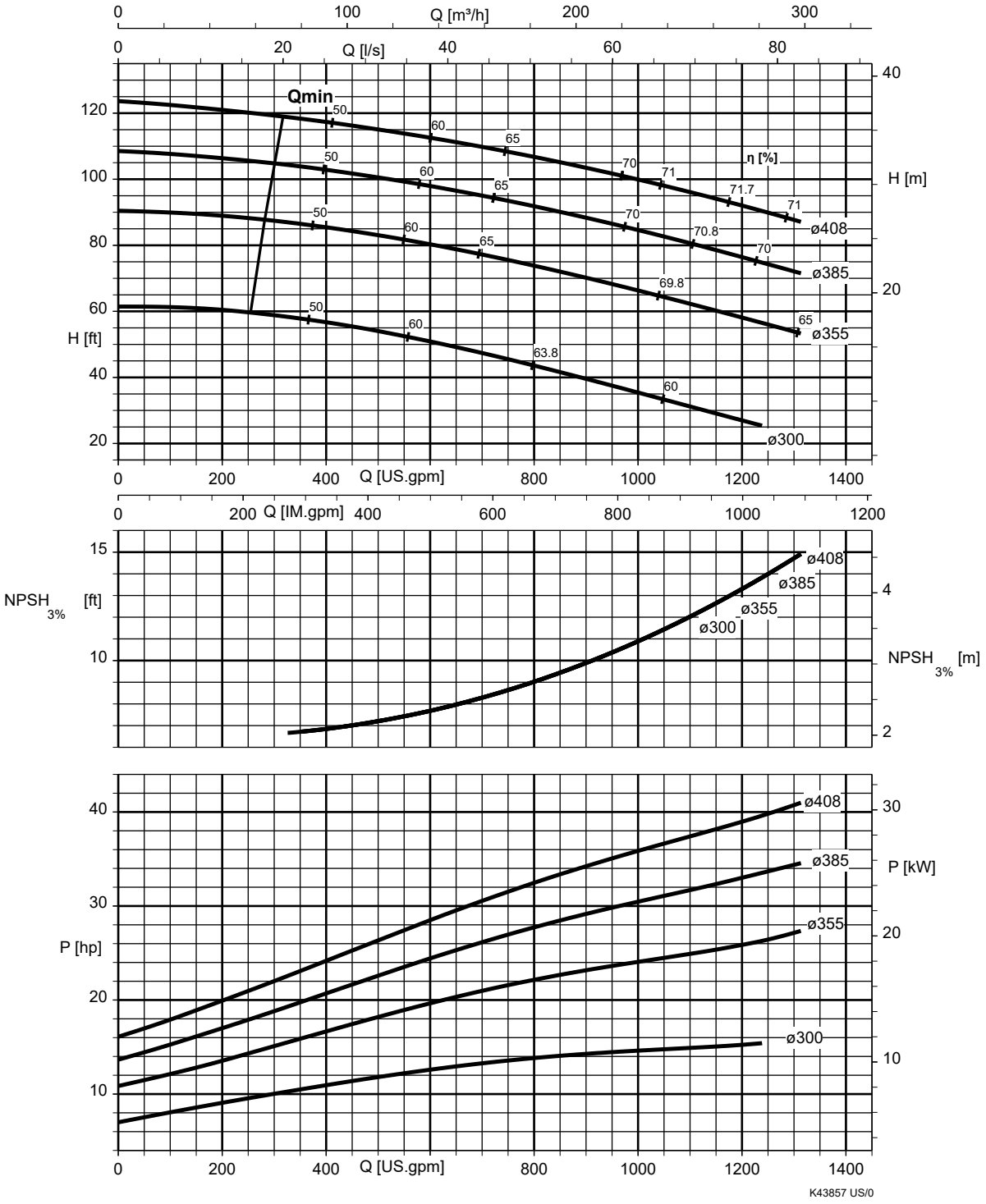
Table 62: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-

Amarex KRT D 150-403, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 in [76 mm]

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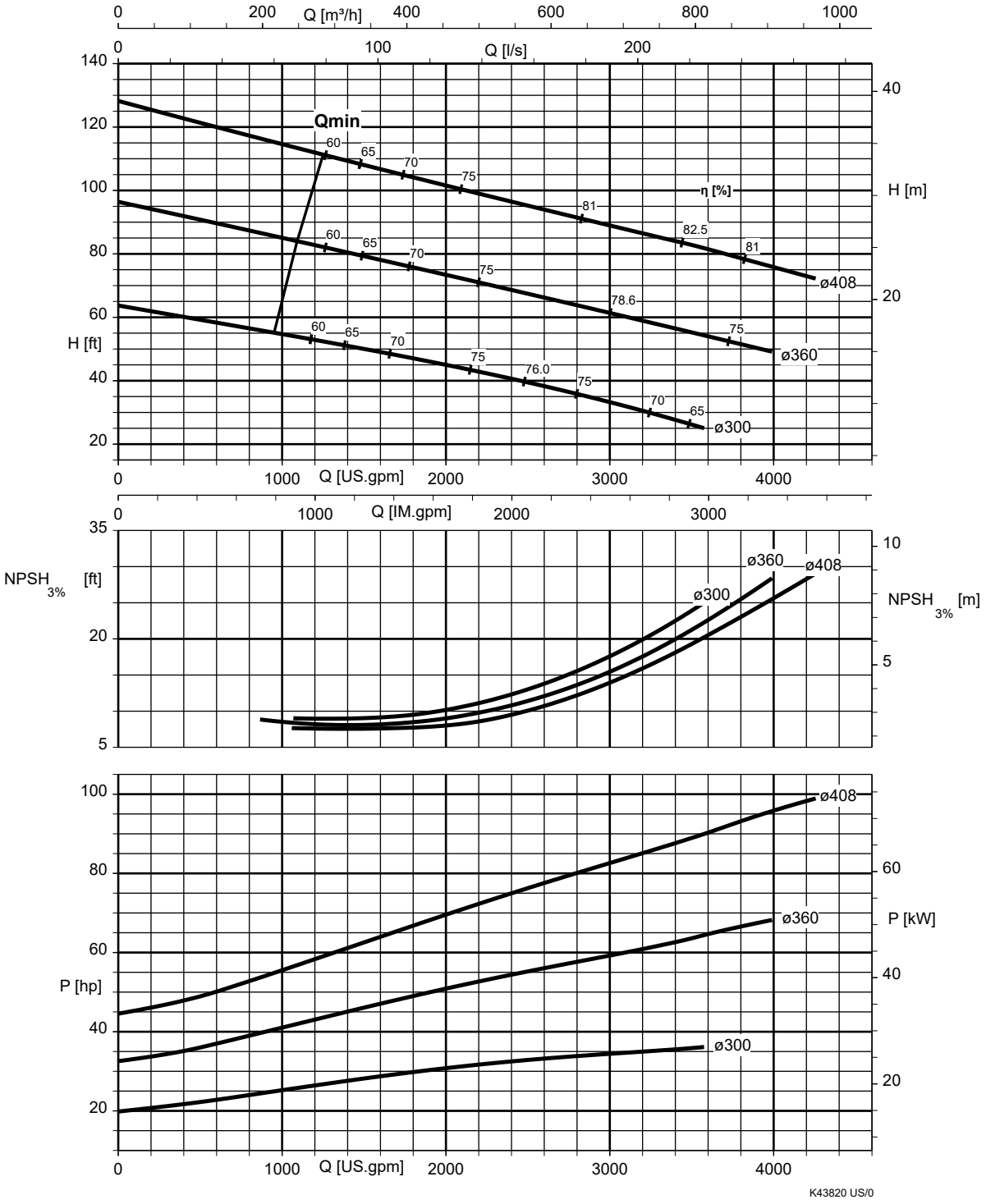
Table 63: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-
606_N_	✗	✗	-	✗	✗
806_N_	✗	✗	-	✗	✗

Amarex KRT D 200-402, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 1/8 in [80 mm]

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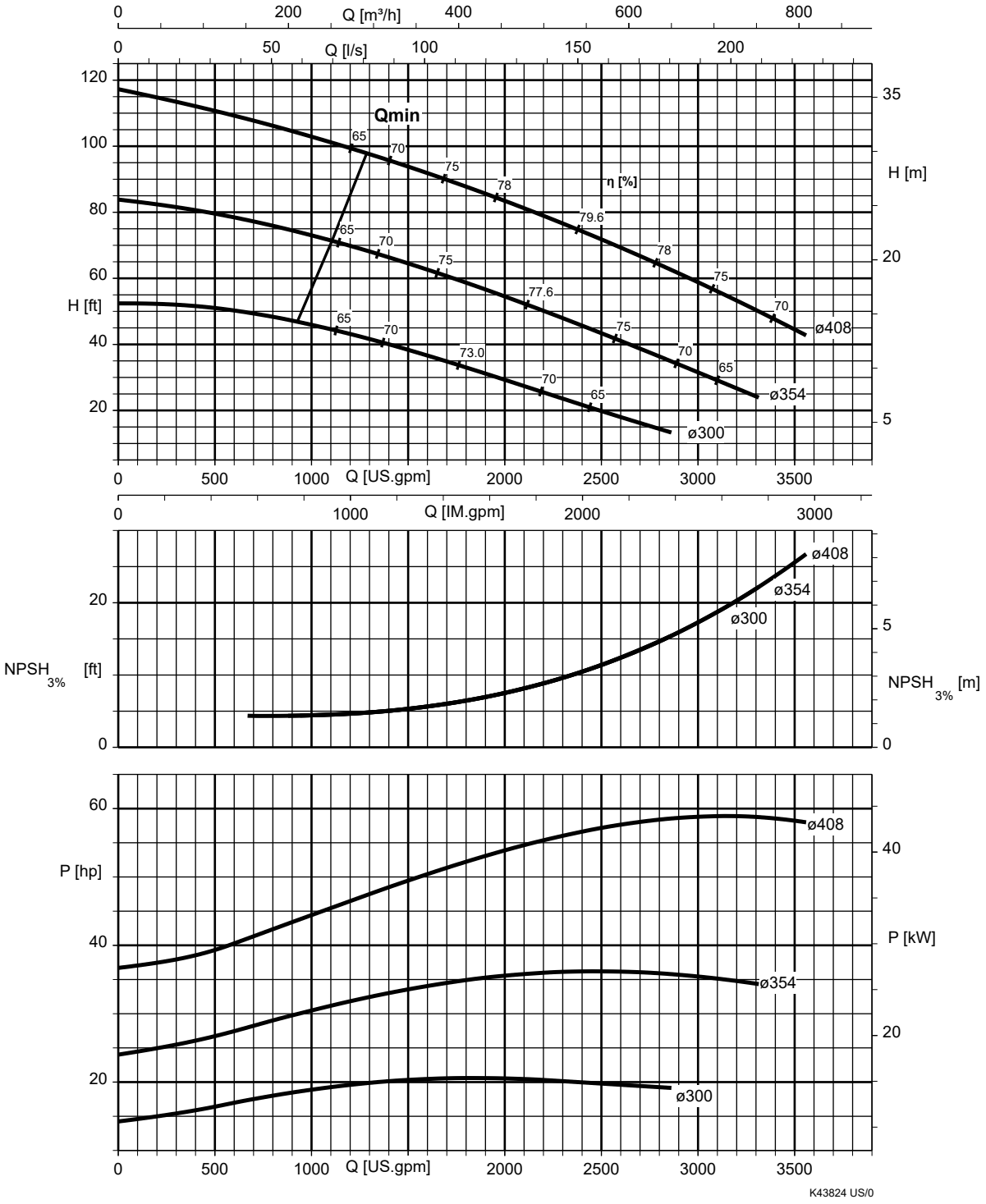
Table 64: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-
606_N_	✗	✗	-	✗	✗
806_N_	✗	✗	-	✗	✗
1006_N_	✗	✗	-	✗	✗
1206_N_	✗	✗	-	✗	✗

Amarex KRT D 200-405, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 9/16 in [90 mm]

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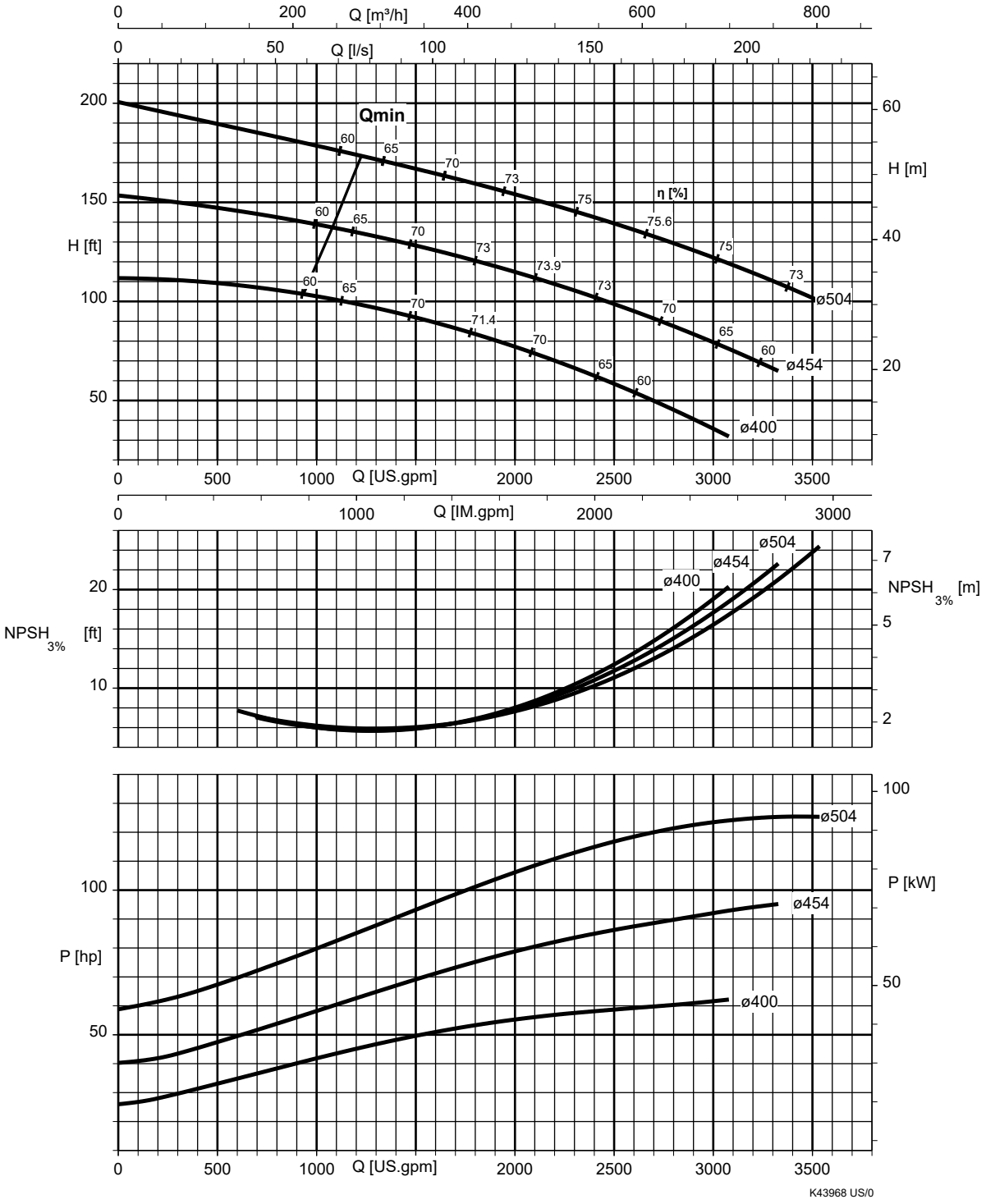
Table 65: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-
606_N_	✗	✗	-	✗	✗
806_N_	✗	✗	-	✗	✗
1006_N_	✗	✗	-	✗	✗
1206_N_	✗	✗	-	✗	✗

Amarex KRT D 200-503, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



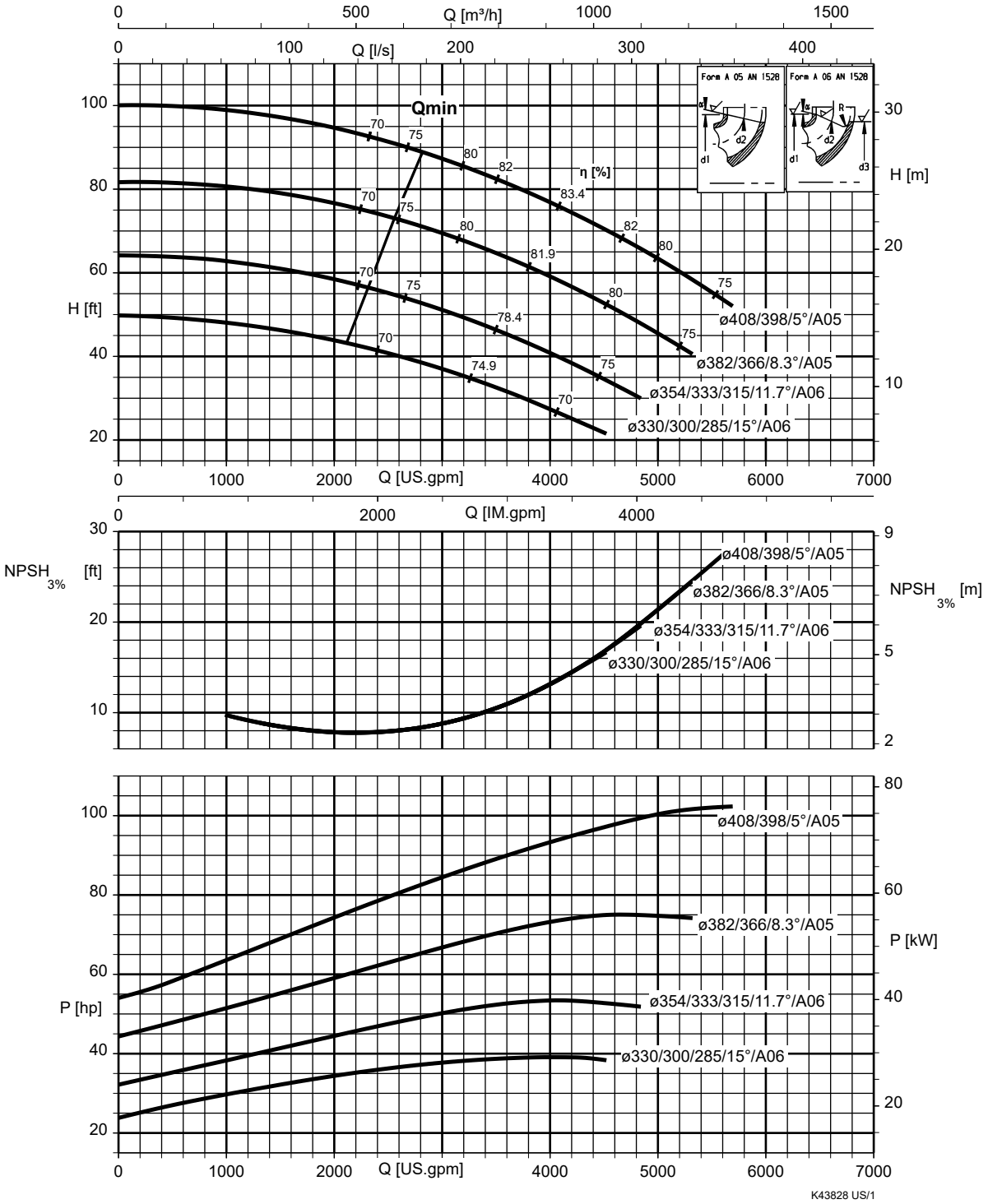
Free passage = 3 9/16 in [90 mm]

Table 66: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
606_N_	✗	✗	-	-	✗
806_N_	✗	✗	-	-	✗
1006_N_	✗	✗	-	-	✗
1206_N_	✗	✗	-	-	✗
1406_N_	✗	✗	-	-	✗
1656_N_	✗	✗	-	-	✗
1906_N_	✗	✗	-	-	✗

Amarex KRT D 250-402, n =1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



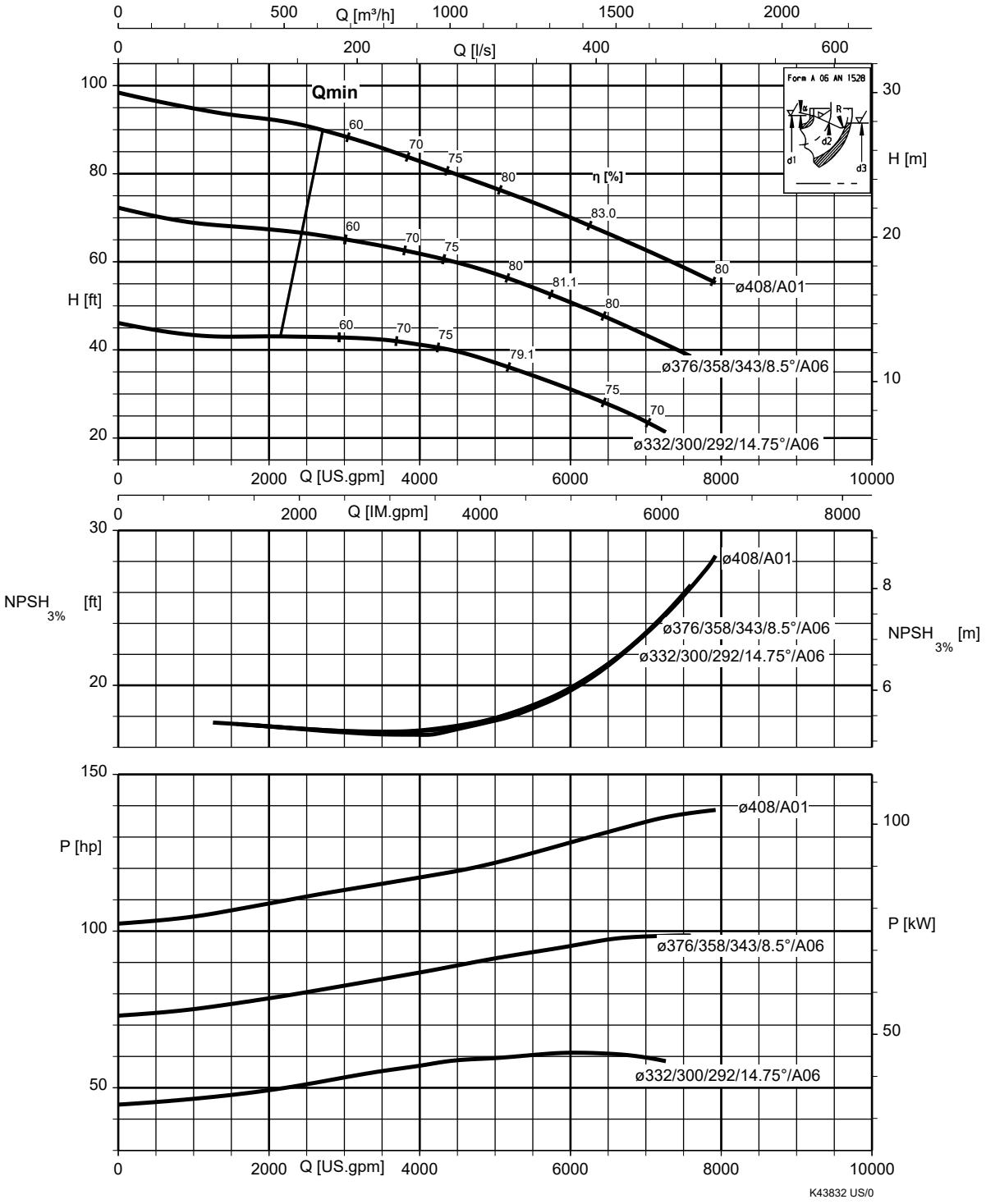
Free passage = 4 3/16 in [106 mm]

Table 67: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	✗	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-
606_N_	✗	✗	-	✗	✗
806_N_	✗	✗	-	✗	✗
1006_N_	✗	✗	-	✗	✗
1206_N_	✗	✗	-	✗	✗
1406_N_	✗	✗	-	✗	✗

Amarex KRT D 300-402, n =1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



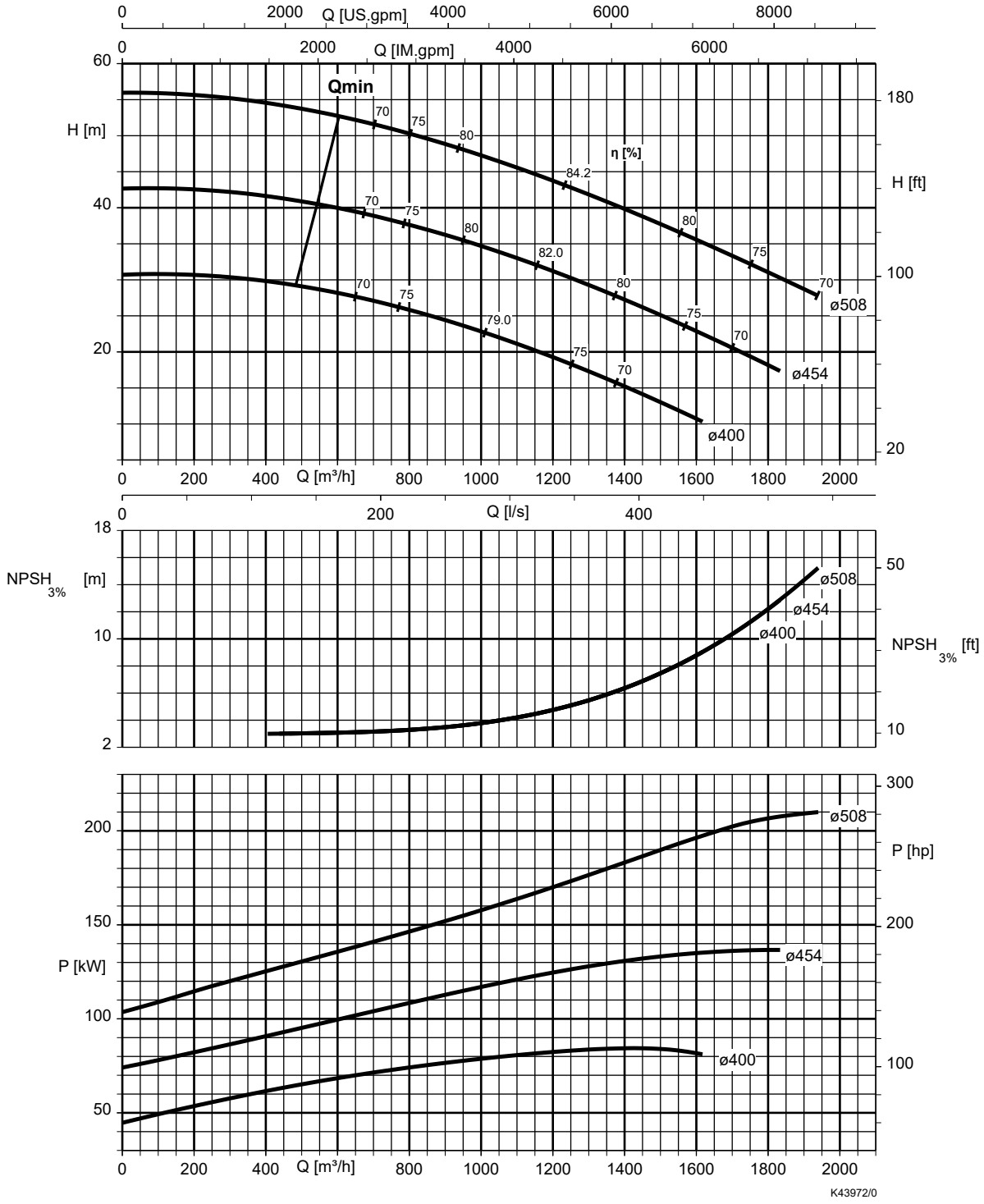
Free passage = 3 15/16 in [100 mm]

Table 68: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
306_E_	-	-	-	✗	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-
376_E_	-	-	-	✗	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	✗	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	✗	✗
556_F_	✗	✗	✗	-	-
606_N_	✗	✗	-	✗	✗
806_N_	✗	✗	-	✗	✗
1006_N_	✗	✗	-	✗	✗
1206_N_	✗	✗	-	✗	✗
1406_N_	✗	✗	-	✗	✗

Amarex KRT D 300-502, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 4 in [102 mm]

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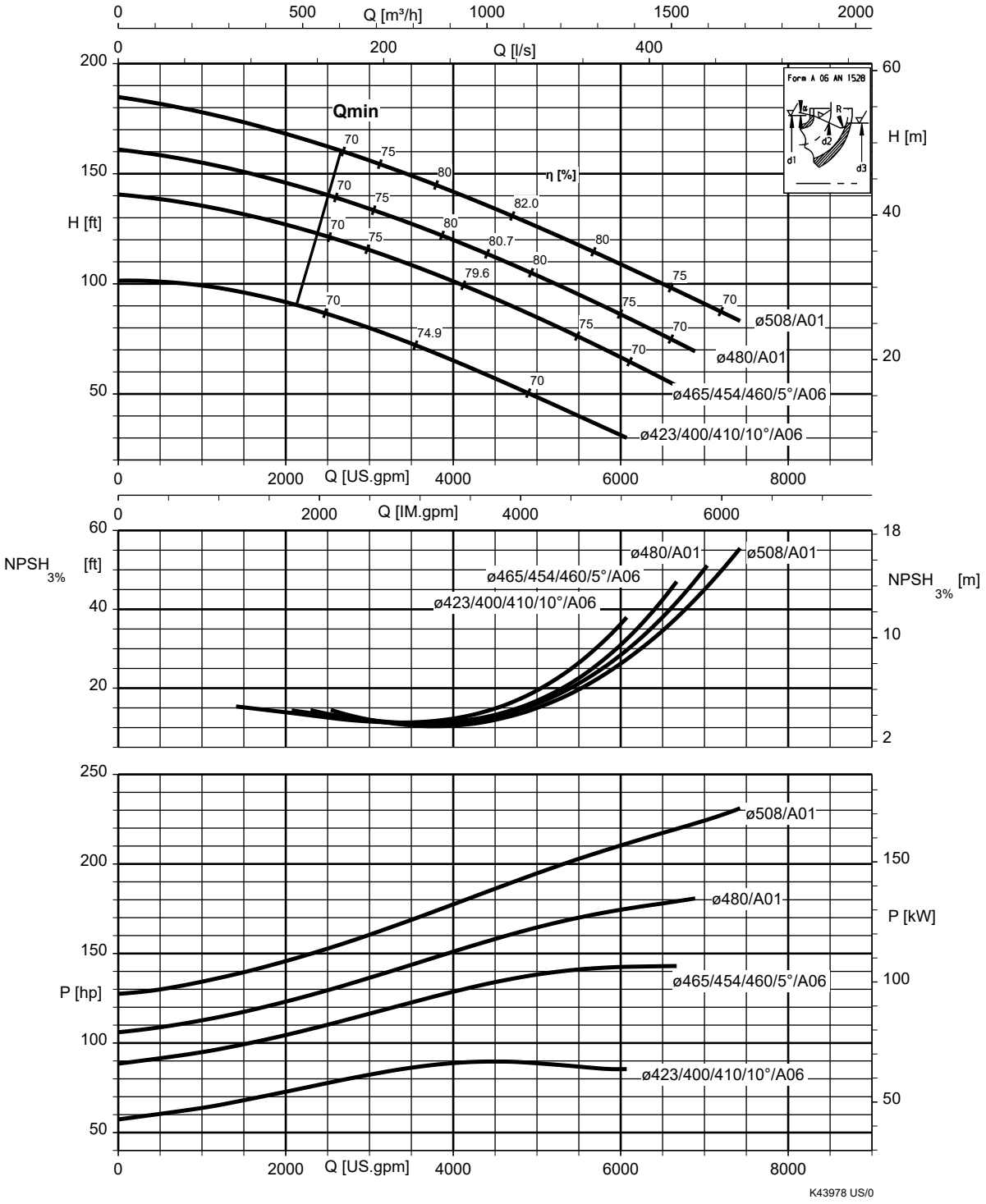
Table 69: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
1006_N_	✗	✗	-	-	✗
1206_N_	✗	✗	-	-	✗
1406_N_	✗	✗	-	-	✗
1656_N_	✗	✗	-	-	✗
1906_N_	✗	✗	-	-	✗
2256_N_	✗	✗	-	-	✗
2606_N_	✗	✗	-	-	✗

Amarex KRT D 300-505, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



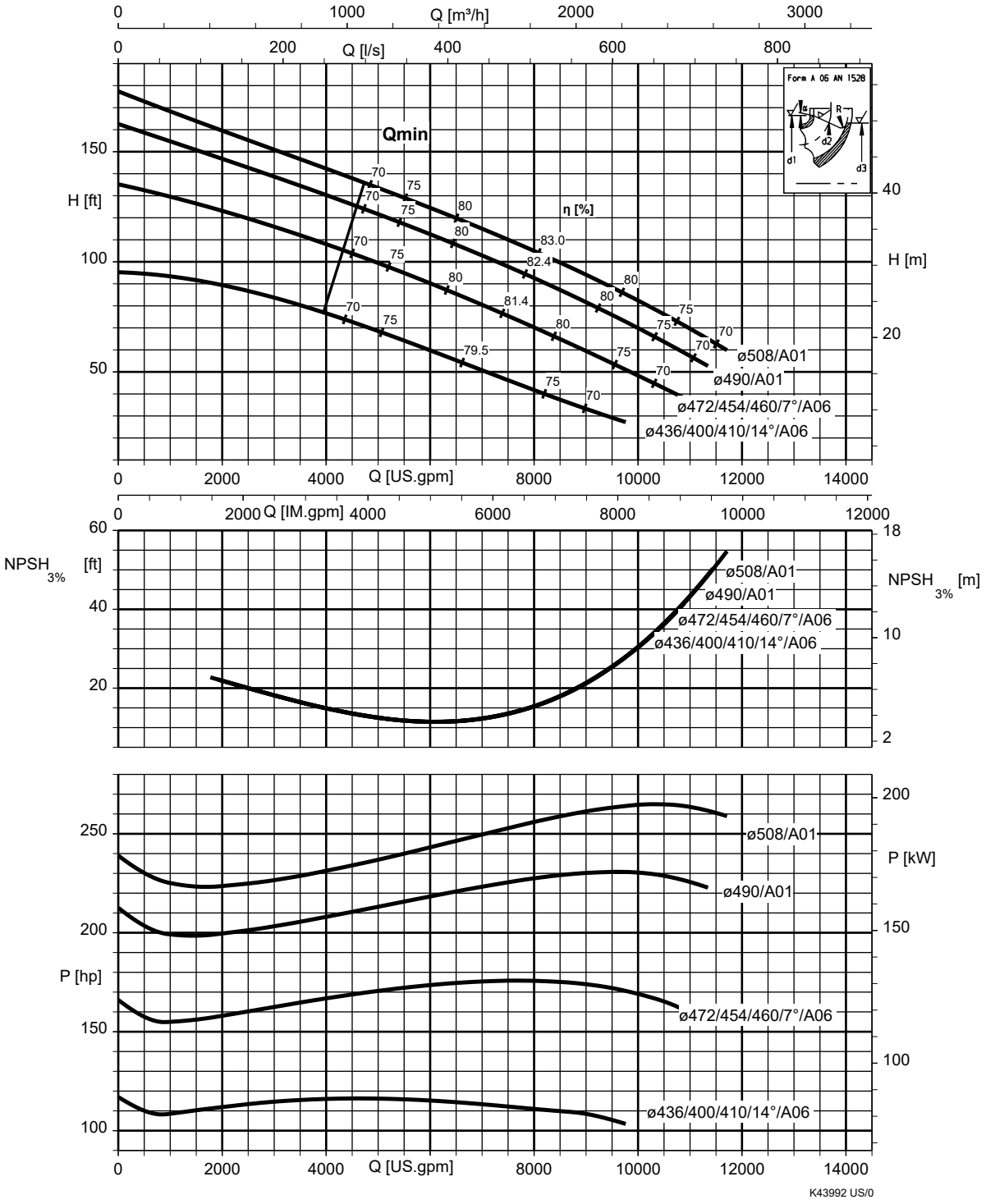
Free passage = 5 inch [127 mm]

Table 70: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
606_N_	✗	✗	-	-	✗
806_N_	✗	✗	-	-	✗
1006_N_	✗	✗	-	-	✗
1206_N_	✗	✗	-	-	✗
1406_N_	✗	✗	-	-	✗
1656_N_	✗	✗	-	-	✗
1906_N_	✗	✗	-	-	✗
2256_N_	✗	✗	-	-	✗

Amarex KRT D 350-503, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



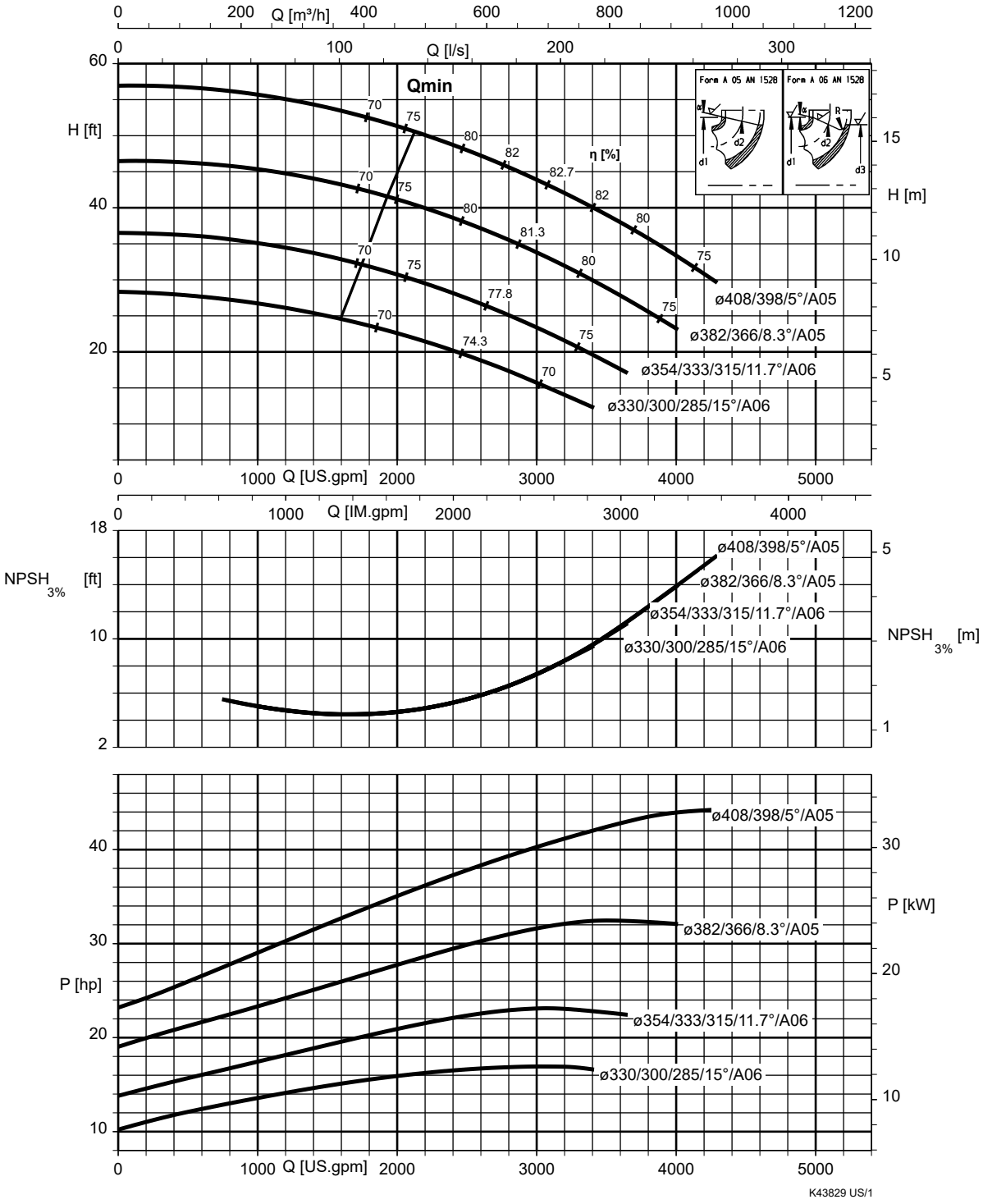
Free passage = 5 1/2 in [140 mm]

Table 71: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
1006_N_	✗	✗	-	-	✗
1206_N_	✗	✗	-	-	✗
1406_N_	✗	✗	-	-	✗
1656_N_	✗	✗	-	-	✗
1906_N_	✗	✗	-	-	✗
2256_N_	✗	✗	-	-	✗
2606_N_	✗	✗	-	-	✗

Amarex KRT D 250-402, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



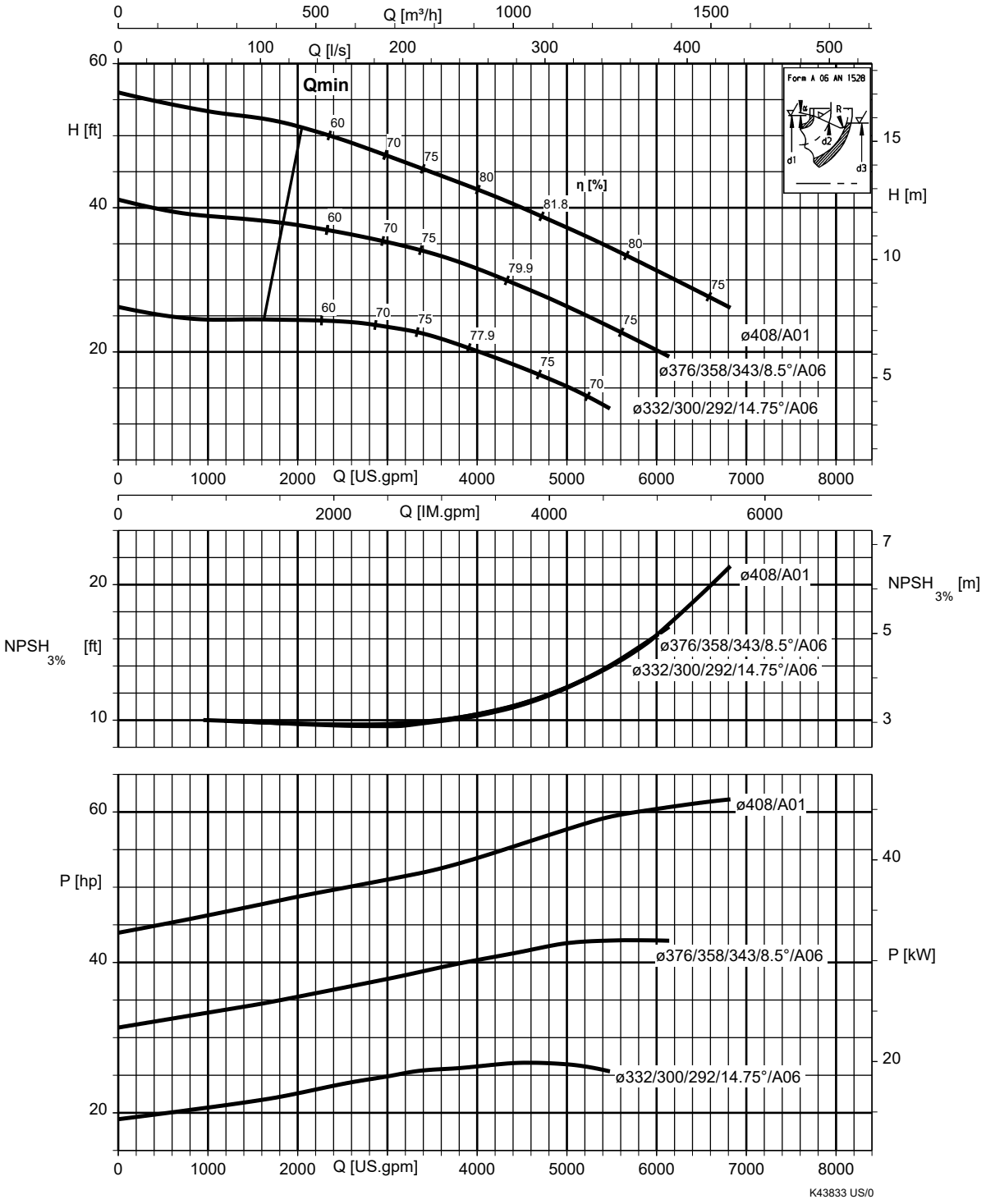
Free passage = 4 3/16 in [106 mm]

Table 72: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
118_E_	-	-	-	✗	✗
158_E_	-	-	-	✗	✗
158_F_	✗	✗	✗	-	-
188_E_	-	-	-	✗	✗
188_F_	✗	✗	✗	-	-
228_E_	-	-	-	✗	✗
228_F_	✗	✗	✗	-	-
308_E_	-	-	-	✗	✗
308_F_	✗	✗	✗	-	-
378_E_	-	-	-	✗	✗
378_F_	✗	✗	✗	-	-
458_E_	-	-	-	✗	✗
458_F_	✗	✗	✗	-	-
508_N_	✗	✗	-	✗	✗
658_N_	-	-	-	✗	✗

Amarex KRT D 300-402, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



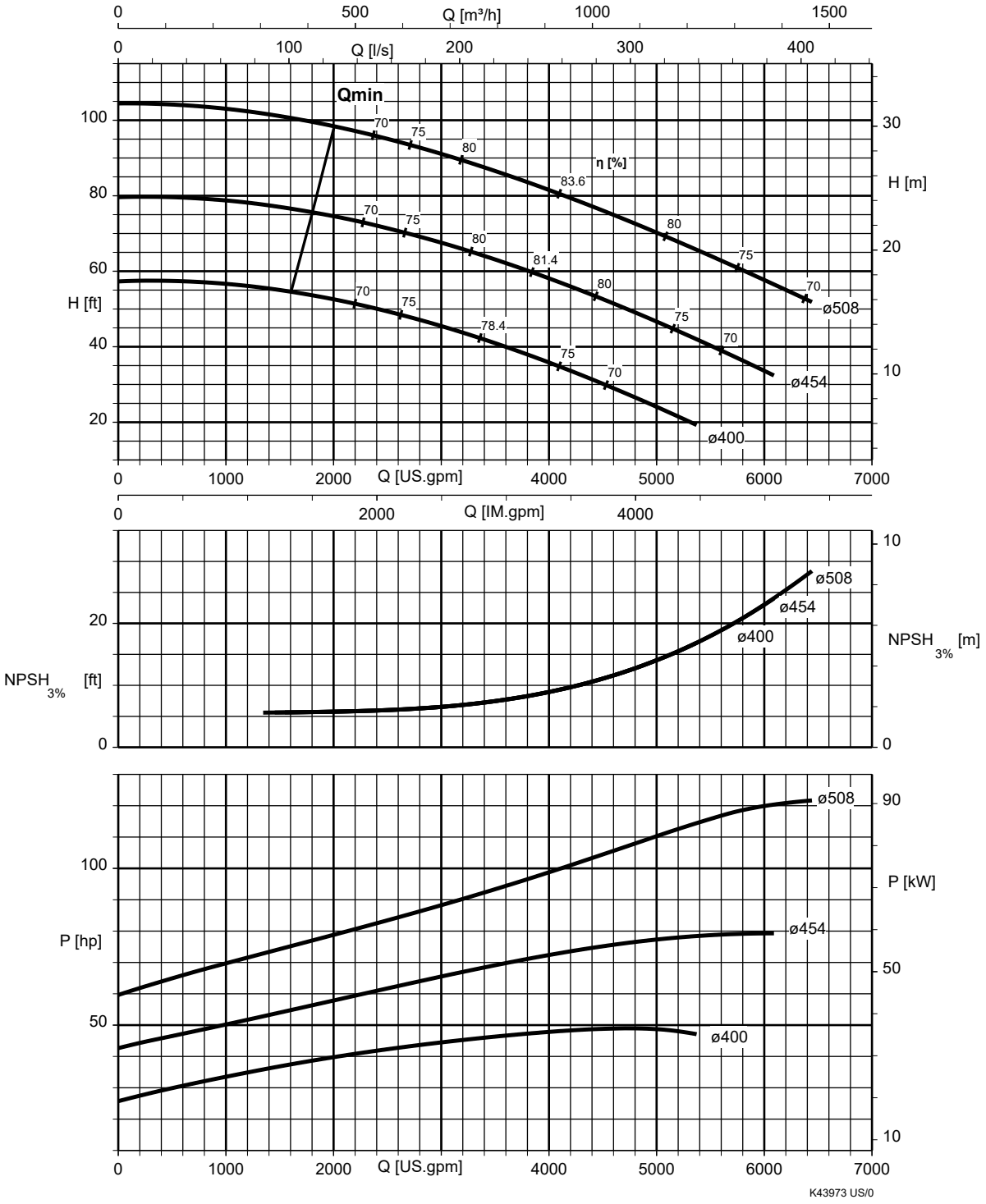
Free passage = 3 15/16 in [100 mm]

Table 73: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
118_E_	-	-	-	✗	✗
158_E_	-	-	-	✗	✗
158_F_	✗	✗	✗	-	-
188_E_	-	-	-	✗	✗
188_F_	✗	✗	✗	-	-
228_E_	-	-	-	✗	✗
228_F_	✗	✗	✗	-	-
308_E_	-	-	-	✗	✗
308_F_	✗	✗	✗	-	-
378_E_	-	-	-	✗	✗
378_F_	✗	✗	✗	-	-
458_E_	-	-	-	✗	✗
458_F_	✗	✗	✗	-	-
508_N_	✗	✗	-	✗	✗
658_N_	-	-	-	✗	✗
758_N_	✗	✗	-	✗	✗
908_N_	✗	✗	-	✗	✗

Amarex KRT D 300-502, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



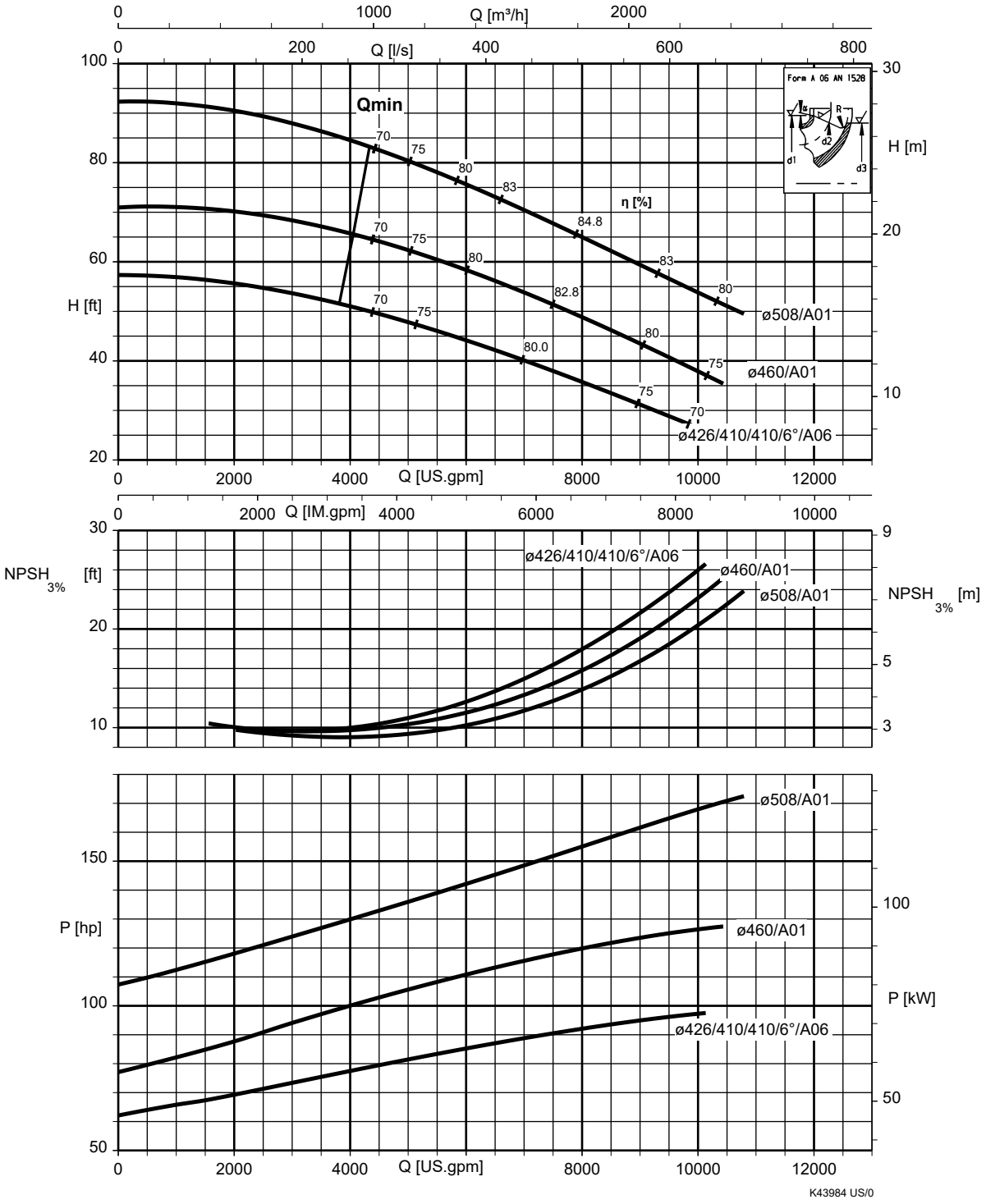
Free passage = 4 in [102 mm]

Table 74: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
508_N_	✗	✗	-	-	✗
658_N_	-	-	-	-	✗
758_N_	✗	✗	-	-	✗
908_N_	✗	✗	-	-	✗
1108_N_	✗	✗	-	-	✗
1308_N_	✗	✗	-	-	✗
1508_N_	✗	✗	-	-	✗
1858_N_	✗	✗	-	-	✗

Amarex KRT D 350-502, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



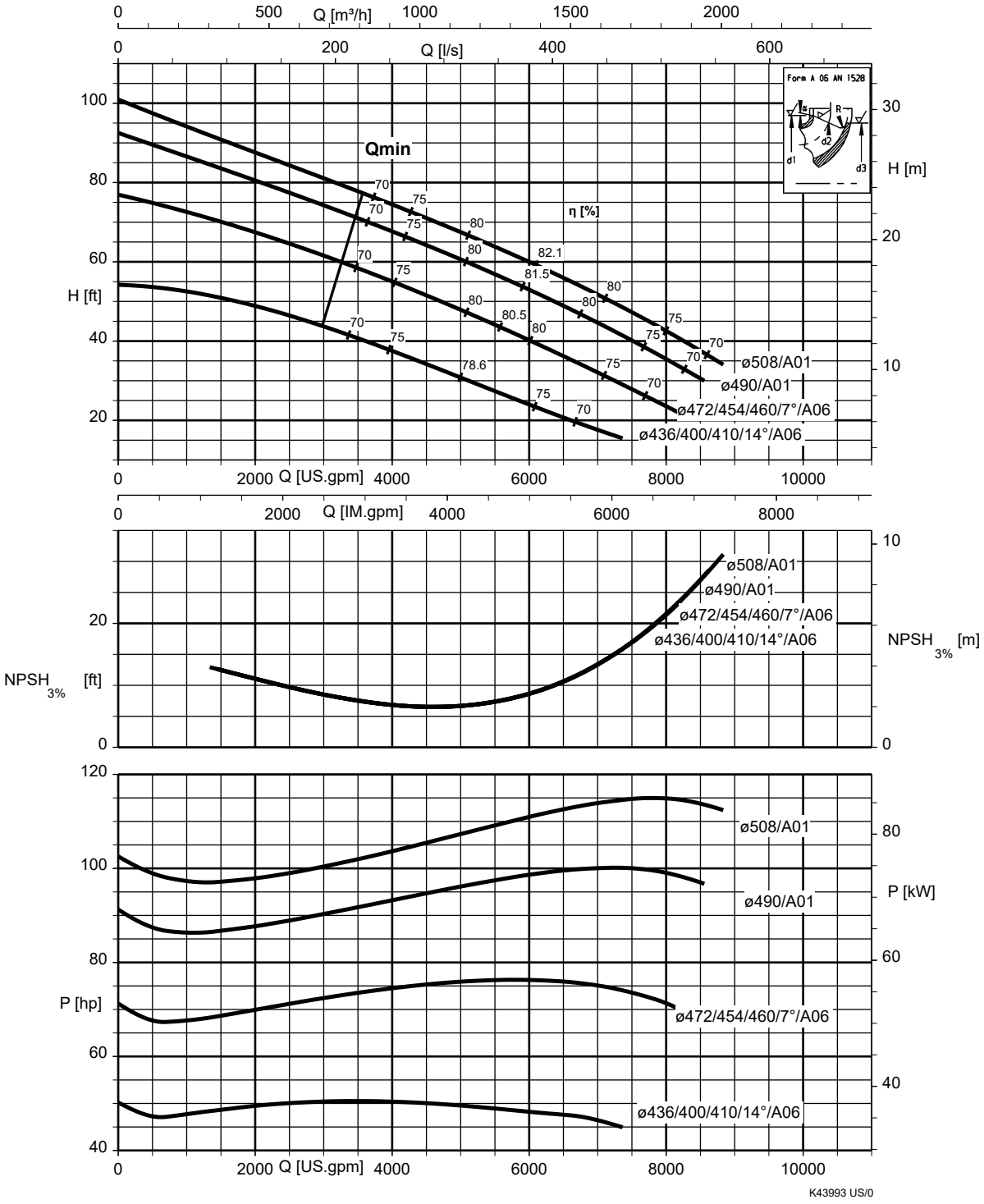
Free passage = 5 1/2 in [140 mm]

Table 75: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
758_N_	✗	✗	-	-	✗
908_N_	✗	✗	-	-	✗
1108_N_	✗	✗	-	-	✗
1308_N_	✗	✗	-	-	✗
1508_N_	✗	✗	-	-	✗
1858_N_	✗	✗	-	-	✗

Amarex KRT D 350-503, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 1/2 in [140 mm]

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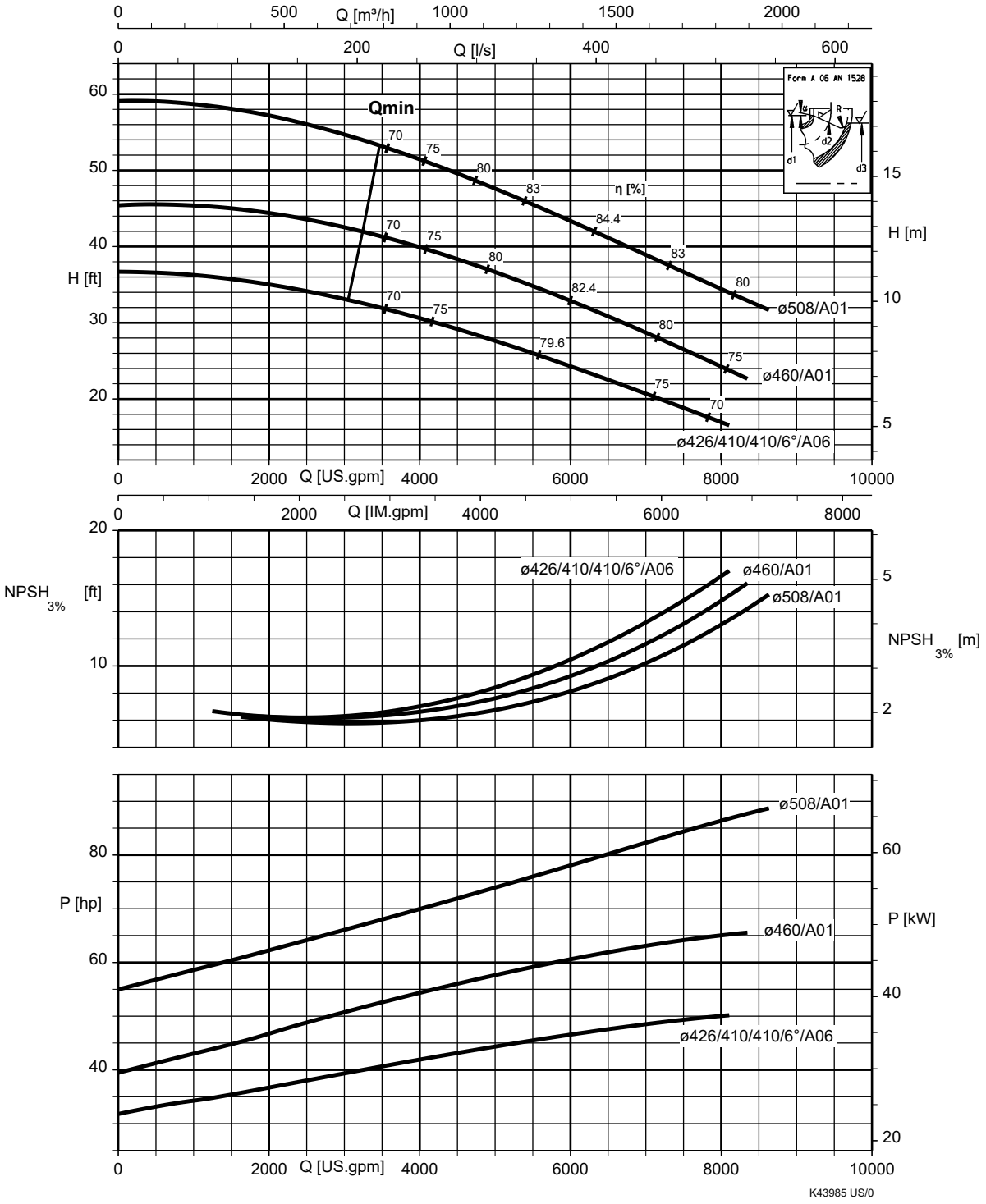
Table 76: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
508_N_	✗	✗	-	-	✗
658_N_	-	-	-	-	✗
758_N_	✗	✗	-	-	✗
908_N_	✗	✗	-	-	✗
1108_N_	✗	✗	-	-	✗
1308_N_	✗	✗	-	-	✗
1508_N_	✗	✗	-	-	✗

Amarex KRT D 350-502, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



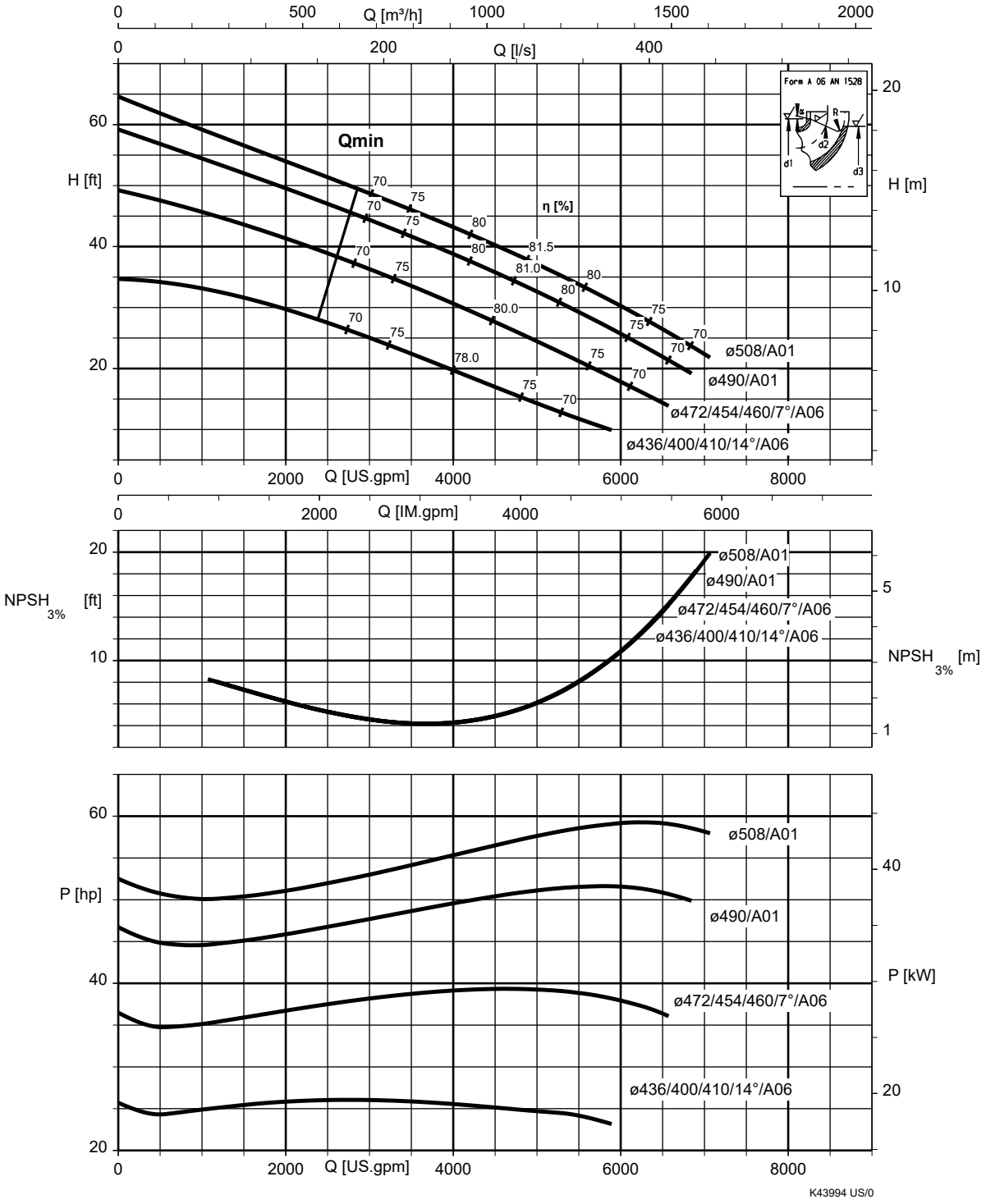
Free passage = 5 1/2 in [140 mm]

Table 77: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
4010_N_	✗	✗	-	-	✗
6010_N_	✗	✗	-	-	✗
7510_N_	✗	✗	-	-	✗

Amarex KRT D 350-503, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 1/2 in [140 mm]

Table 78: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
4010_N_	✗	✗	-	-	✗
6010_N_	✗	✗	-	-	✗

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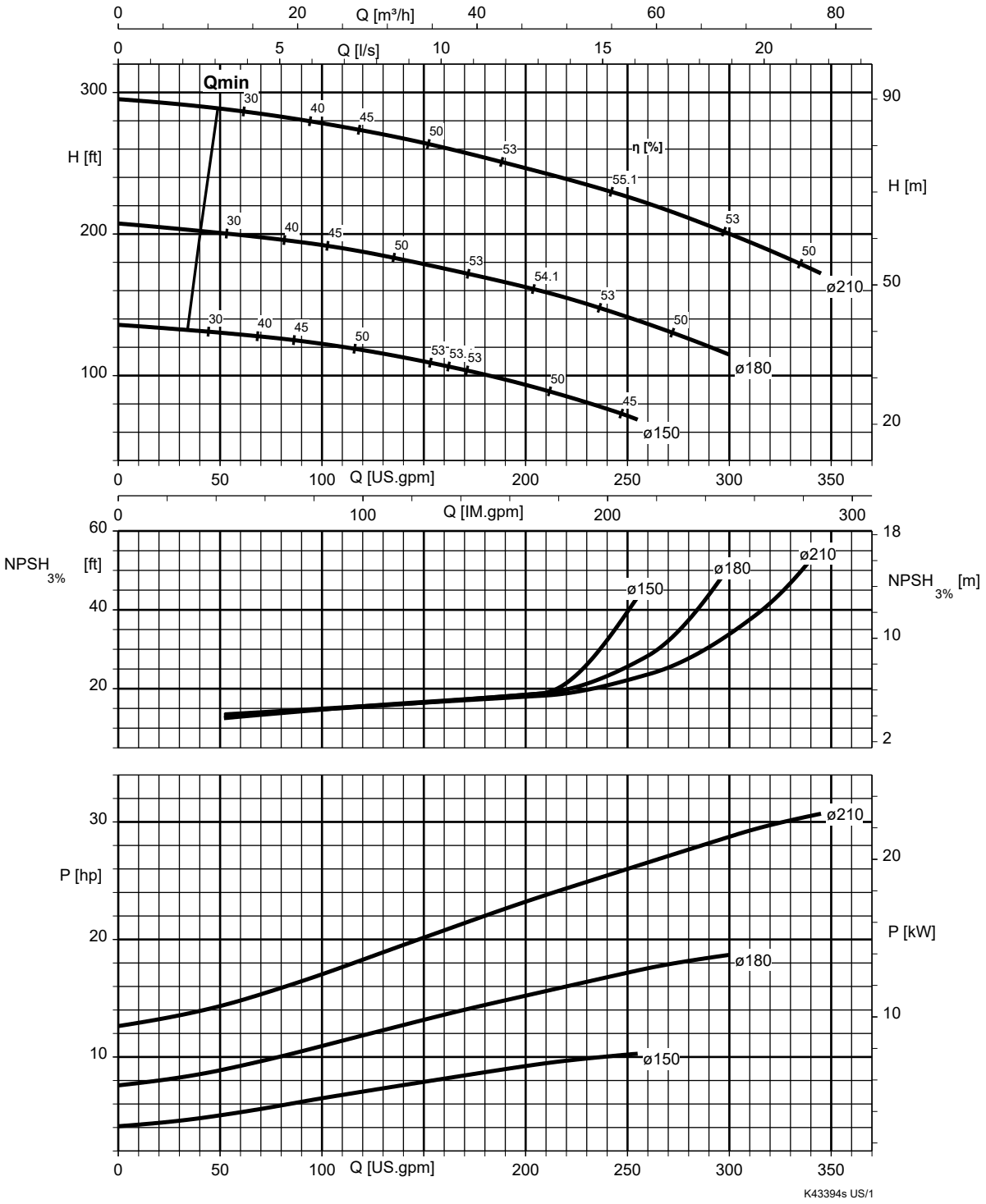
K impeller

Characteristic curves for K impeller

Fig. 6: K impeller

Amarex KRT K 40-252, n = 3500 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



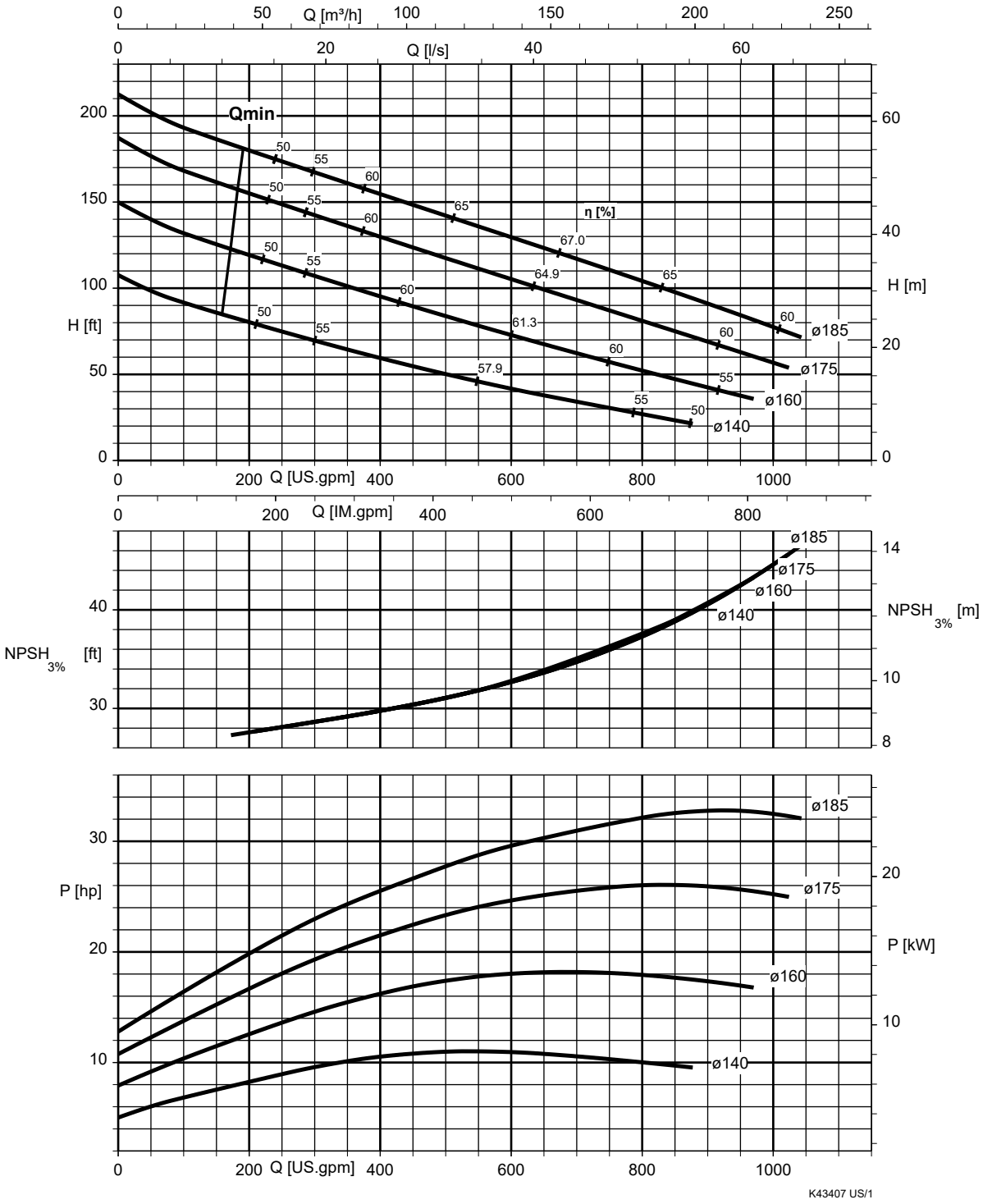
Free passage = 9/16 in [15 mm]

Table 79: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
52_E_	-	-	-	✗	✗	✗	✗
72_E_	-	-	-	✗	✗	✗	✗
112_E_	-	-	-	✗	✗	✗	✗
152_E_	-	-	-	✗	✗	✗	✗
182_E_	-	-	-	✗	✗	✗	✗
182_F_	✗	✗	✗	-	-	-	-
222_E_	-	-	-	✗	✗	✗	✗
222_F_	✗	✗	✗	-	-	-	-
262_E_	-	-	-	✗	✗	✗	✗
262_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 80-253, n = 3500 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



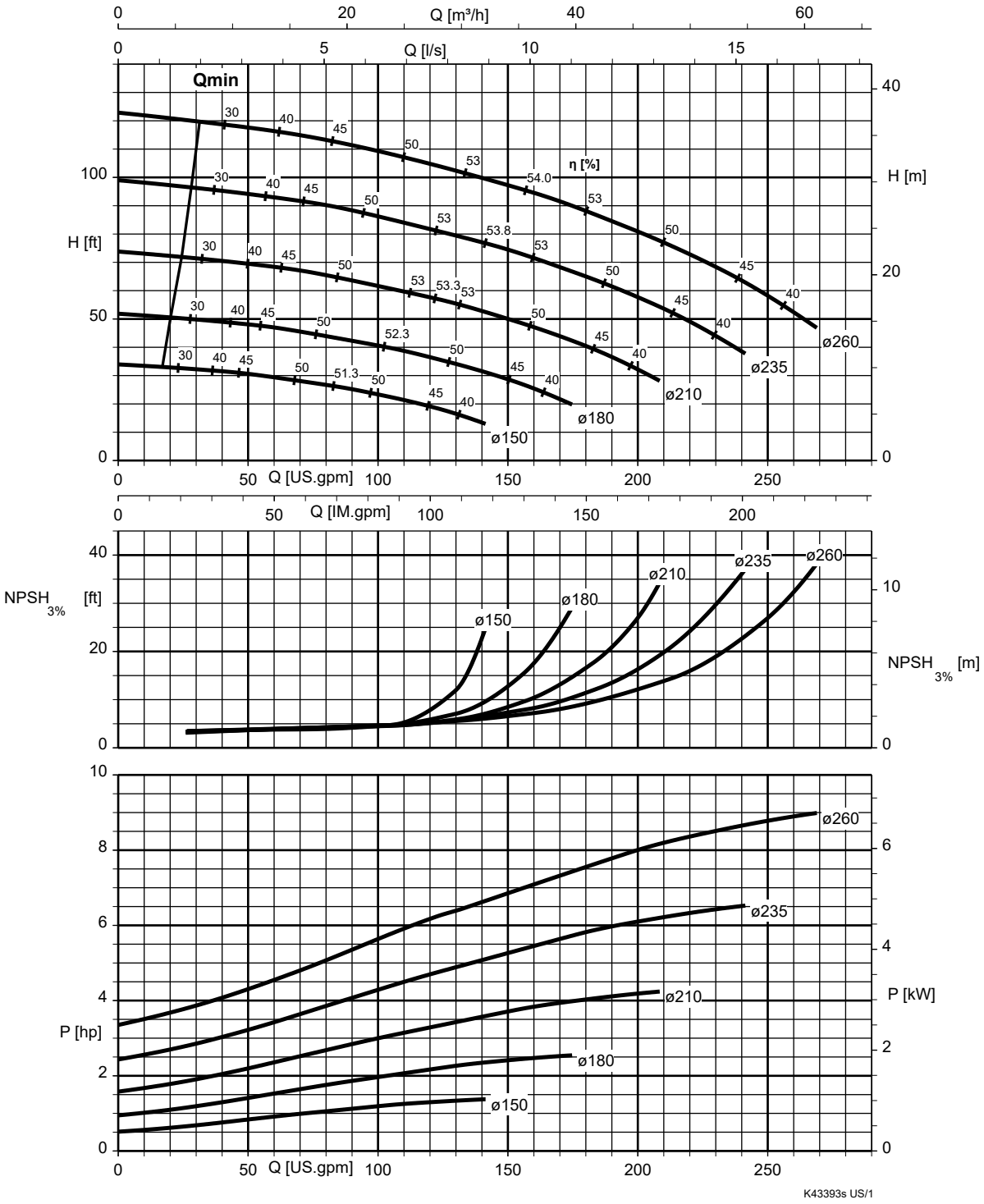
Free passage = 1 5/16 in [33 mm]

Table 80: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
72_E_	-	-	-	✗	✗	-	-
112_E_	-	-	-	✗	✗	✗	✗
152_E_	-	-	-	✗	✗	✗	✗
182_E_	-	-	-	✗	✗	✗	✗
182_F_	✗	✗	✗	-	-	-	-
222_E_	-	-	-	✗	✗	✗	✗
222_F_	✗	✗	✗	-	-	-	-
262_E_	-	-	-	✗	✗	✗	✗
262_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 40-252, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 9/16 in [15 mm]

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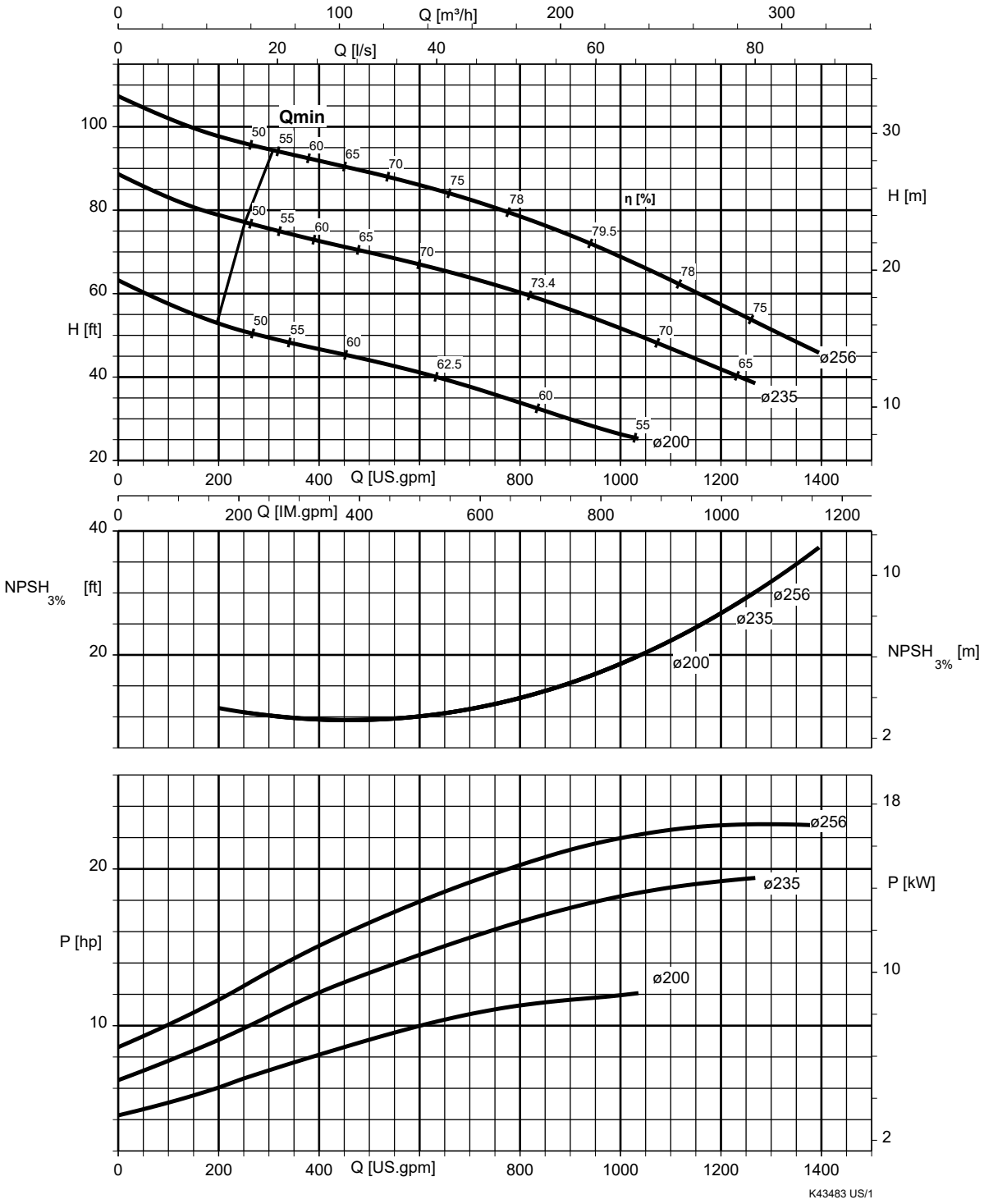
Table 81: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
44_E_	-	-	-	✗	✗	✗	✗
54_E_	-	-	-	✗	✗	✗	✗
74_E_	✗	✗	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-	-	-
184_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 100-253, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



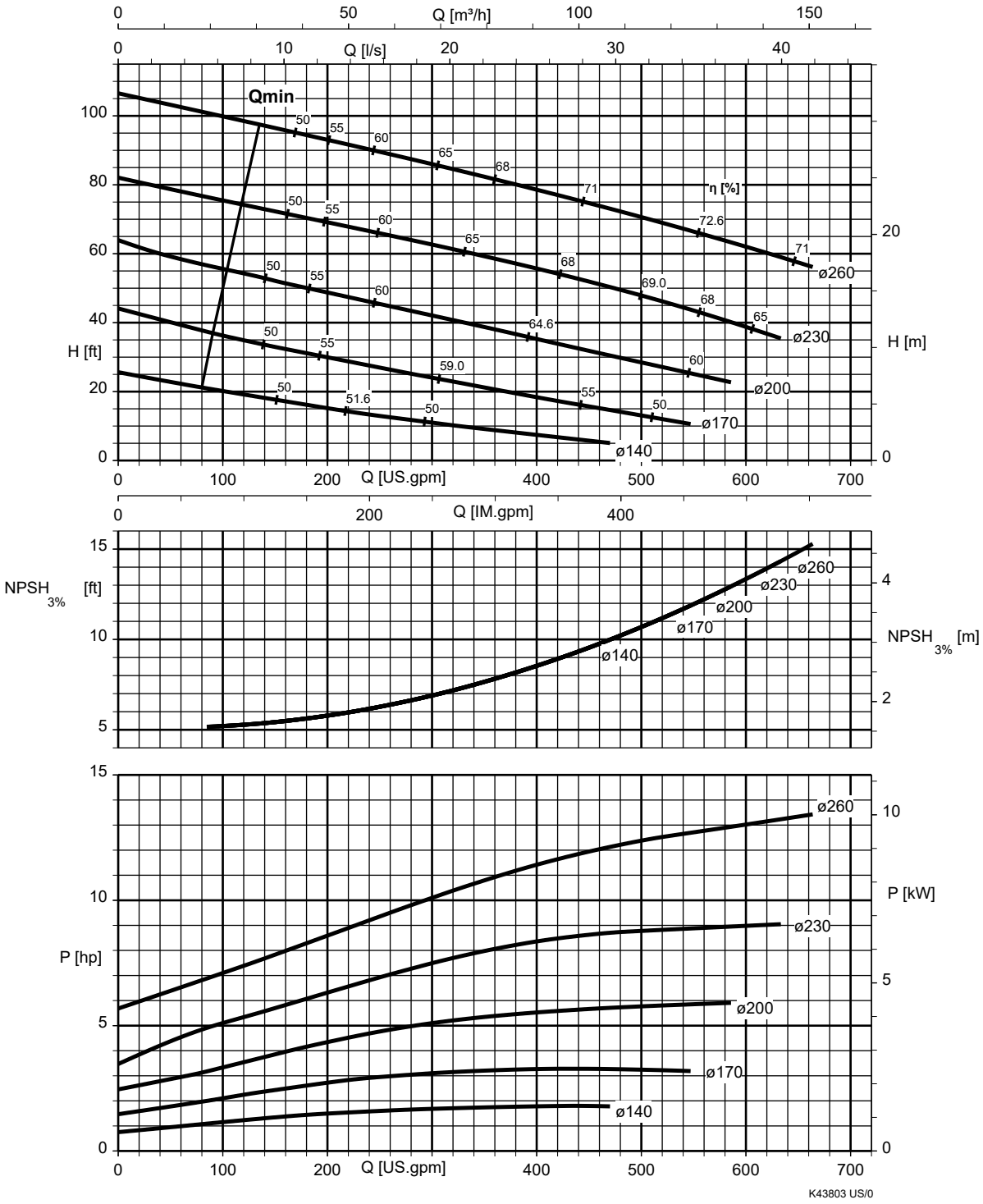
Free passage = 3 in [76 mm]

Table 82: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
44_E_	-	-	-	✗	✗		
54_E_	-	-	-	✗	✗		
74_E_	✗	✗	✗	✗	✗		
114_E_	✗	✗	✗	✗	✗		
154_E_	✗	✗	✗	✗	✗		
154_F_	✗	✗	✗	-	-		
184_E_	✗	✗	✗	✗	✗		
184_F_	✗	✗	✗	-	-		
224_E_	✗	✗	✗	✗	✗		
224_F_	✗	✗	✗	-	-		

Amarex KRT K 80-315, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 1 5/16 in [33 mm]

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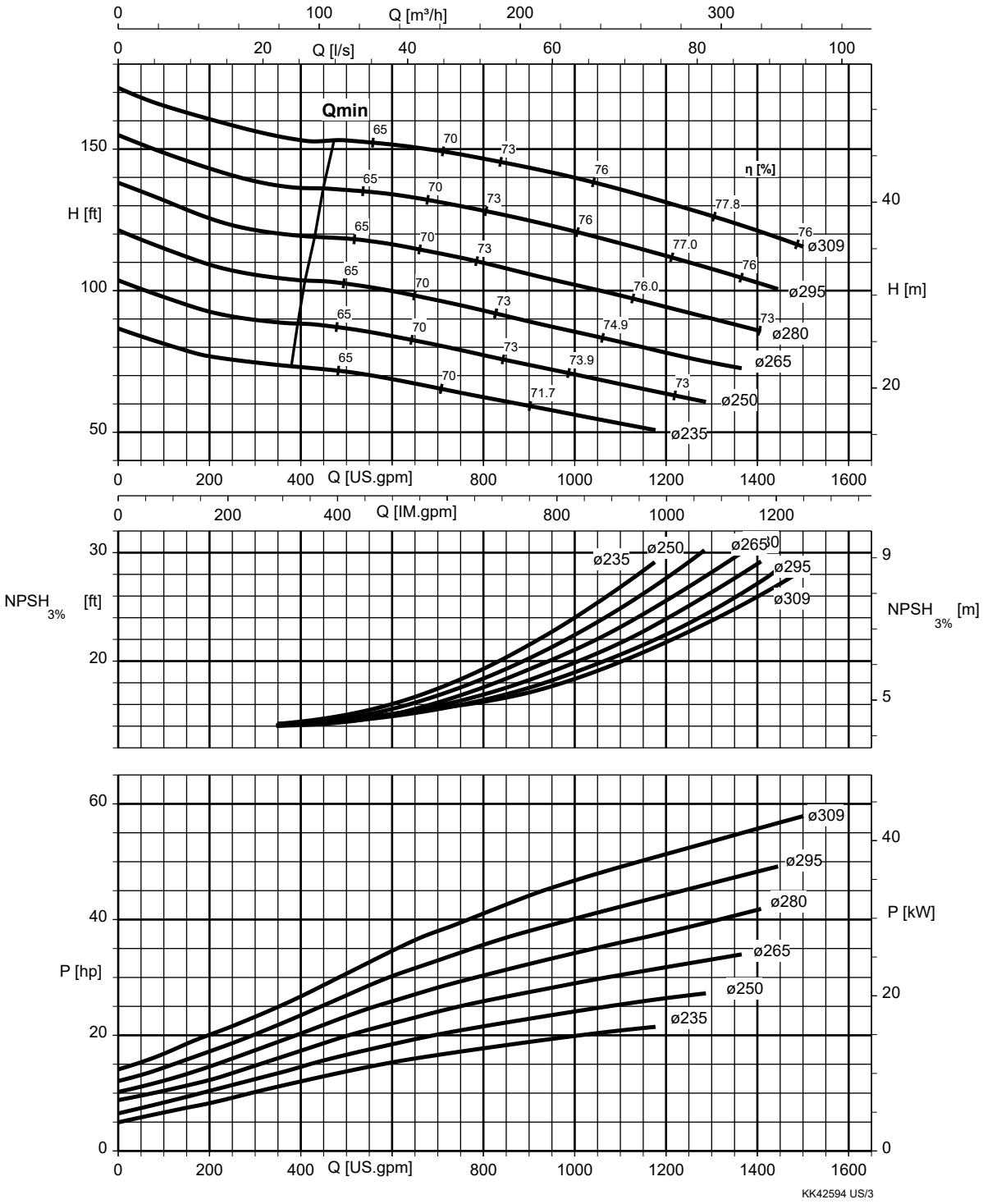
Table 83: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
74_E_	✗	✗	✗	✗	✗
114_E_	✗	✗	✗	✗	✗
154_E_	✗	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-
184_E_	✗	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-
224_E_	✗	✗	✗	✗	✗
224_F_	✗	✗	✗	-	-

Amarex KRT K 100-316, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



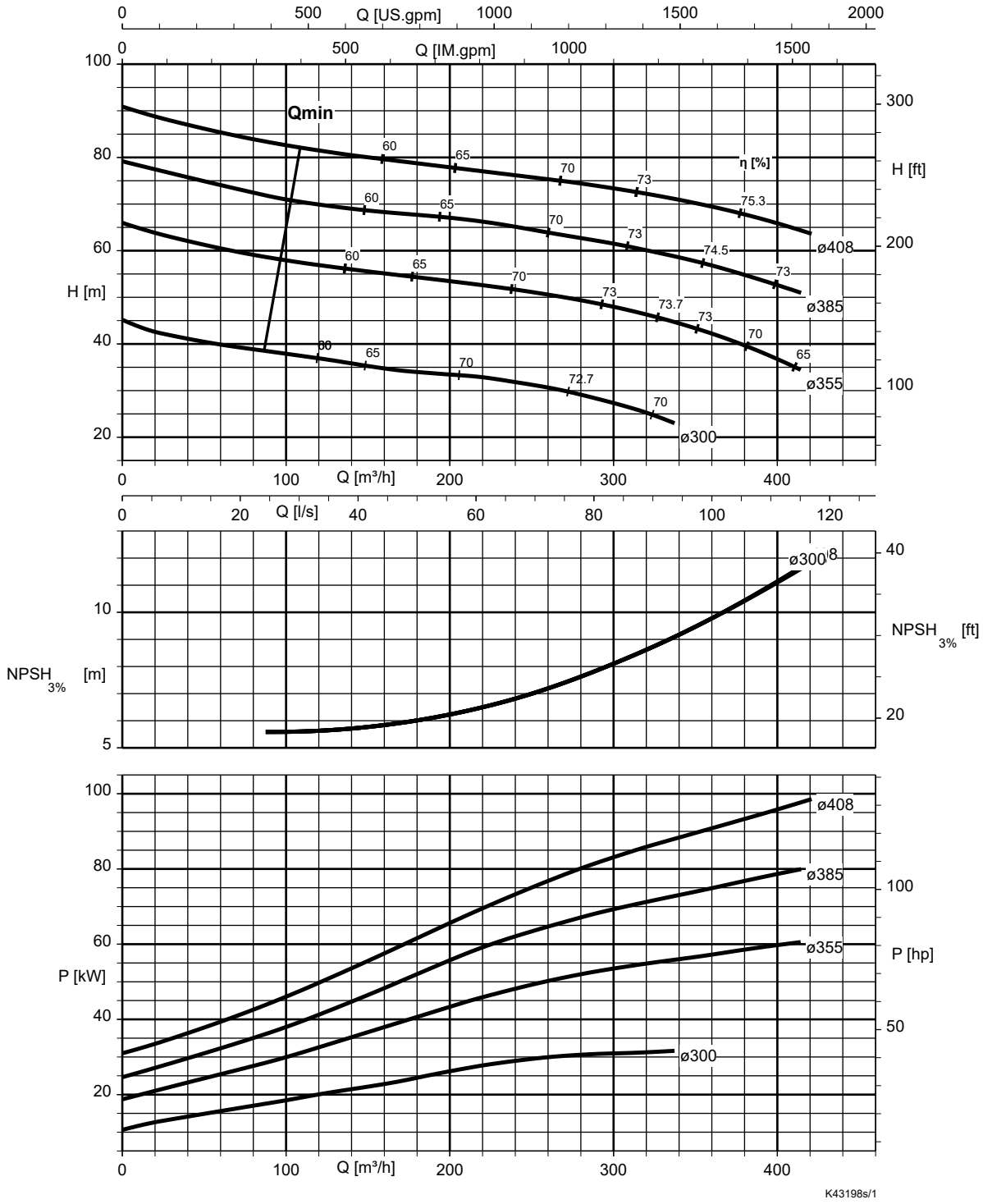
Free passage = 3 in [76 mm]

Table 84: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
114_E_	-	-	-	✗	✗	-	-
154_E_	-	-	-	✗	✗	✗	✗
154_F_	✗	✗	✗	-	-	-	-
184_E_	-	-	-	✗	✗	✗	✗
184_F_	✗	✗	✗	-	-	-	-
224_E_	-	-	-	✗	✗	✗	✗
224_F_	✗	✗	✗	-	-	-	-
304_E_	-	-	-	✗	✗	✗	✗
304_F_	✗	✗	✗	-	-	-	-
374_E_	-	-	-	✗	✗	✗	✗
374_F_	✗	✗	✗	-	-	-	-
454_E_	-	-	-	✗	✗	✗	✗
554_E_	-	-	-	✗	✗	✗	✗
554_F_	✗	✗	✗	-	-	-	-
654_E_	-	-	-	✗	✗	✗	✗
654_F_	✗	✗	✗	-	-	-	-
754_E_	-	-	-	✗	✗	✗	✗
754_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 100-400, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



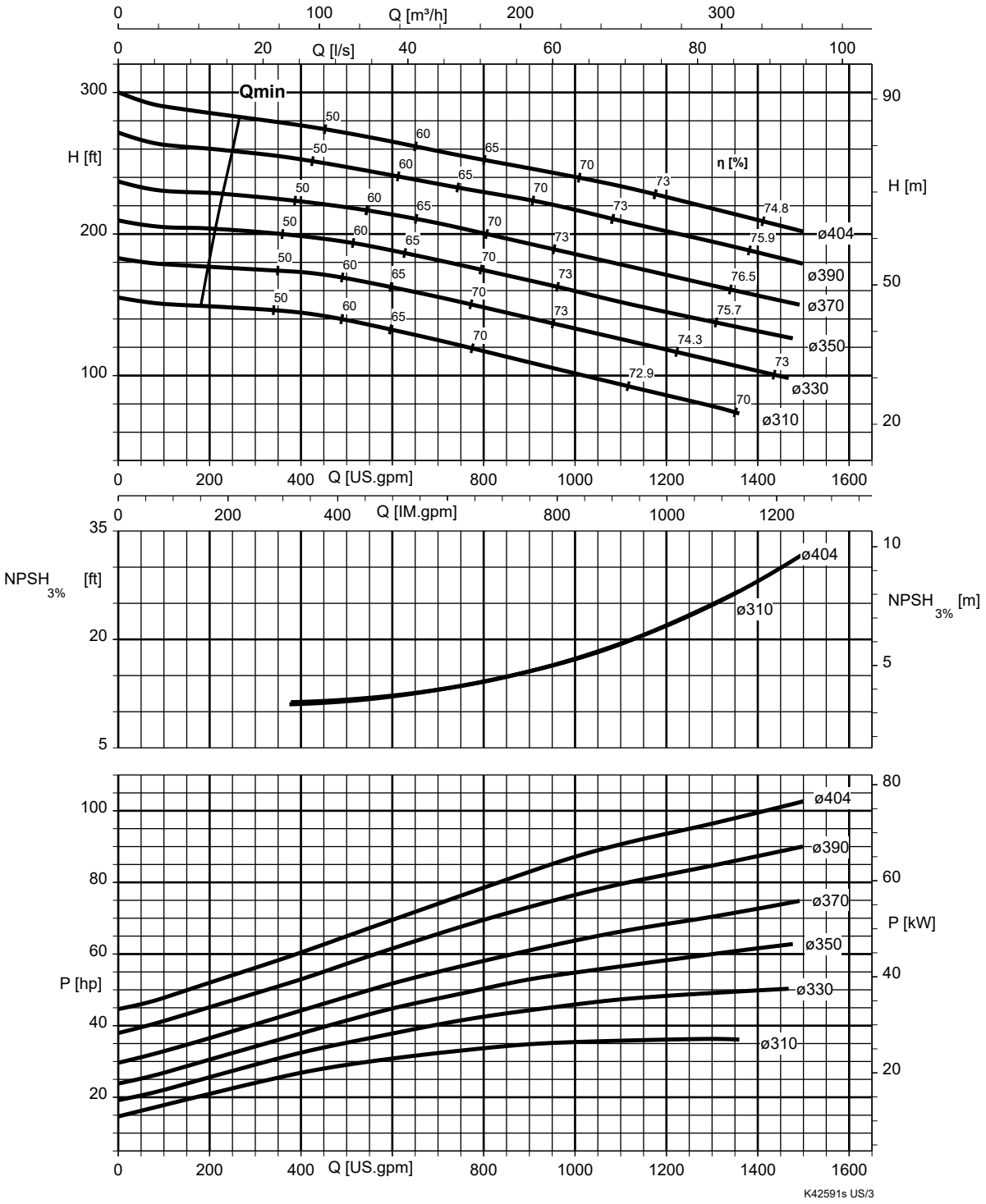
Free passage = 3 in [76 mm]

Table 85: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
304_E_	✗	✗	✗	✗	✗	✗	✗
304_F_	✗	✗	✗	-	-	-	-
374_E_	✗	✗	✗	✗	✗	✗	✗
374_F_	✗	✗	✗	-	-	-	-
454_E_	✗	✗	✗	✗	✗	✗	✗
554_E_	✗	✗	✗	✗	✗	✗	✗
554_F_	✗	✗	✗	-	-	-	-
654_E_	✗	✗	✗	✗	✗	✗	✗
654_F_	✗	✗	✗	-	-	-	-
754_E_	✗	✗	✗	✗	✗	✗	✗
754_F_	✗	✗	✗	-	-	-	-
804_N_	✗	✗	-	✗	✗	✗	✗
954_N_	✗	✗	-	✗	✗	✗	✗
1104_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 100-401, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 1 15/16 in [50 mm]

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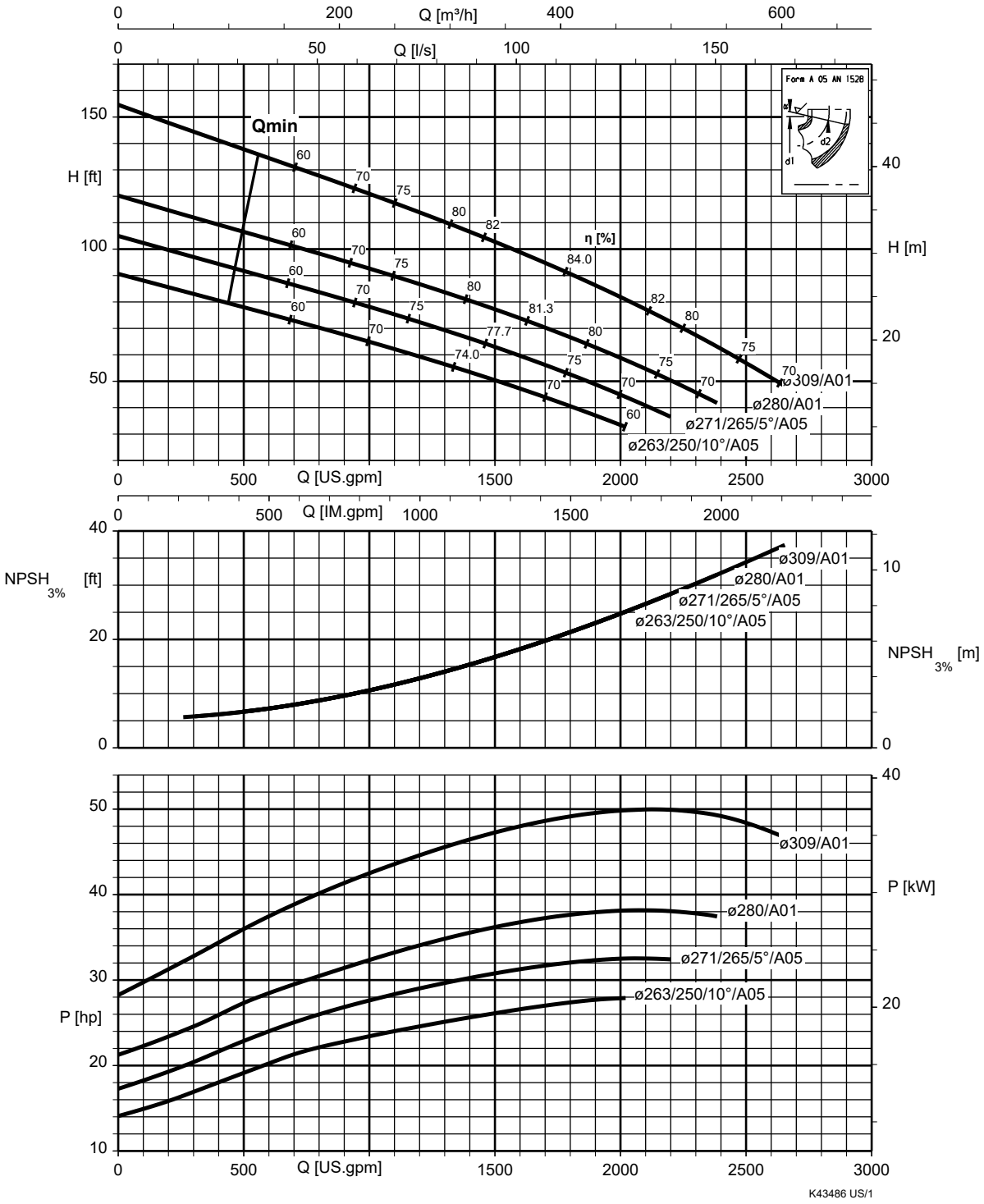
Table 86: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
304_E_	-	-	-	✗	✗	✗	✗
304_F_	✗	✗	✗	-	-	-	-
374_E_	-	-	-	✗	✗	-	-
374_F_	✗	✗	✗	-	-	✗	✗
454_E_	-	-	-	✗	✗	✗	✗
554_E_	-	-	-	✗	✗	✗	✗
554_F_	✗	✗	✗	-	-	-	-
654_E_	-	-	-	✗	✗	✗	✗
654_F_	✗	✗	✗	-	-	-	-
754_E_	-	-	-	✗	✗	✗	✗
754_F_	✗	✗	✗	-	-	-	-
804_N_	✗	✗	-	✗	✗	✗	✗
954_N_	✗	✗	-	✗	✗	✗	✗
1104_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 150-317, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



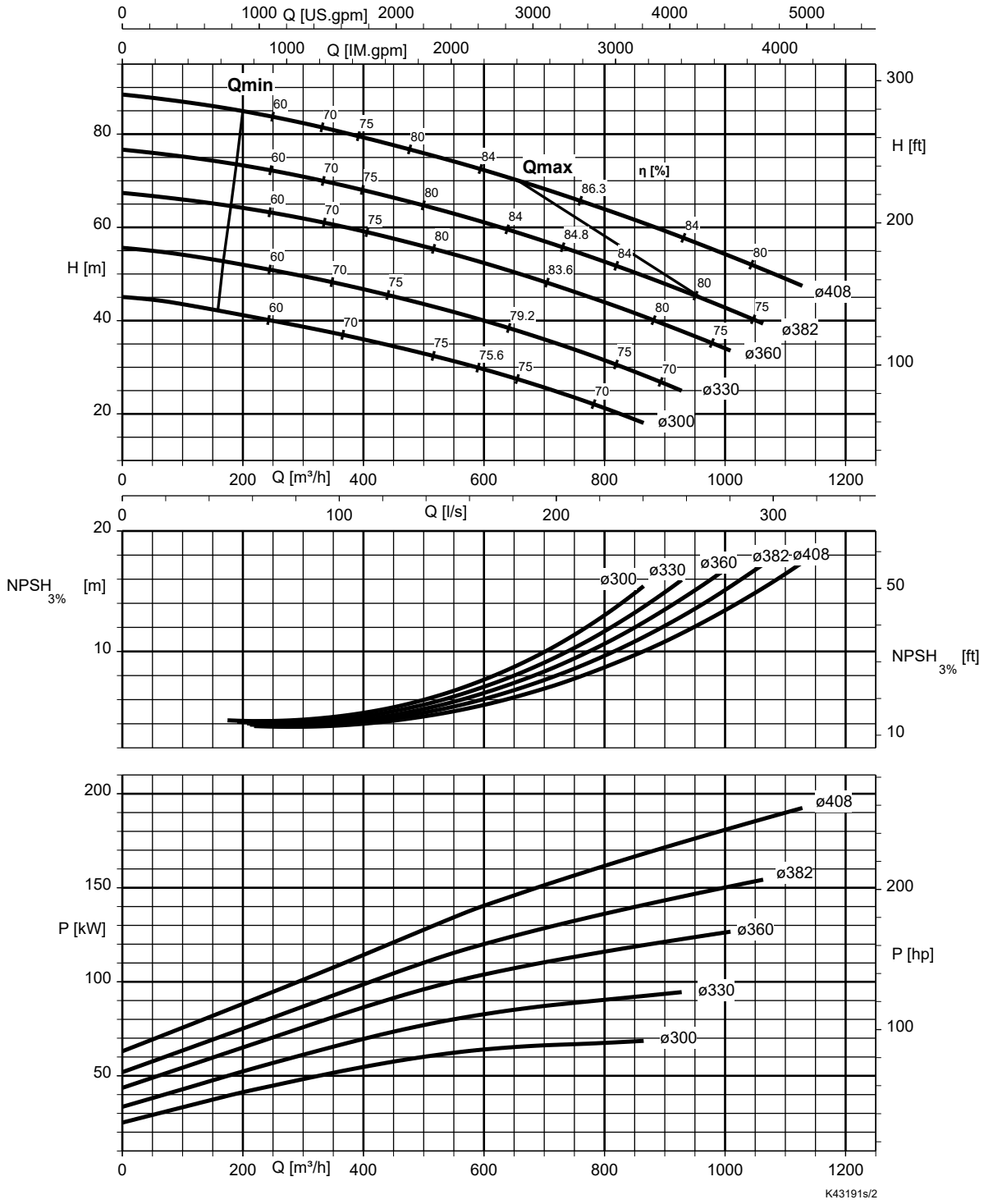
Free passage = 3 in [76 mm]

Table 87: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
184_E_	-	-	-	✗	✗	✗	✗
224_E_	-	-	-	✗	✗	✗	✗
304_E_	-	-	-	✗	✗	✗	✗
304_F_	✗	✗	✗	-	-	-	-
374_E_	-	-	-	✗	✗	✗	✗
374_F_	✗	✗	✗	-	-	-	-
454_E_	-	-	-	✗	✗	✗	✗
554_E_	-	-	-	✗	✗	✗	✗
554_F_	✗	✗	✗	-	-	-	-
654_E_	-	-	-	✗	✗	✗	✗
654_F_	✗	✗	✗	-	-	-	-
754_E_	-	-	-	✗	✗	✗	✗
754_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 150-400, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 in [76 mm]

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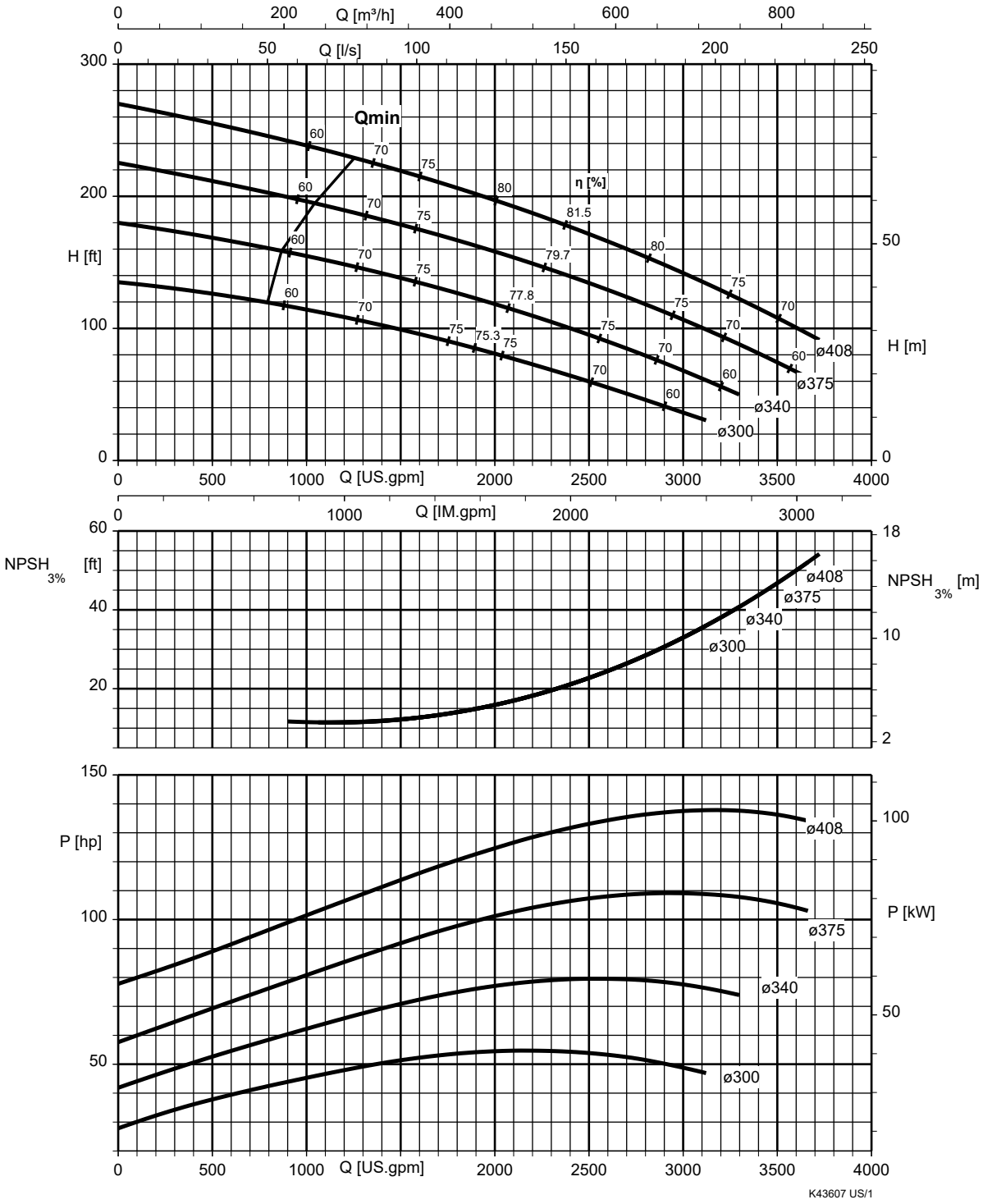
Table 88: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
654_E_	-	-	-	✗	✗	✗	✗
654_F_	✗	✗	✗	-	-	-	-
754_E_	-	-	-	✗	✗	✗	✗
754_F_	✗	✗	✗	-	-	-	-
804_N_	✗	✗	-	✗	✗	✗	✗
954_N_	✗	✗	-	✗	✗	✗	✗
1104_N_	✗	✗	-	✗	✗	✗	✗
1304_N_	✗	✗	-	✗	✗	✗	✗
1554_N_	✗	✗	-	✗	✗	✗	✗
1754_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 150-403, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 in [76 mm]

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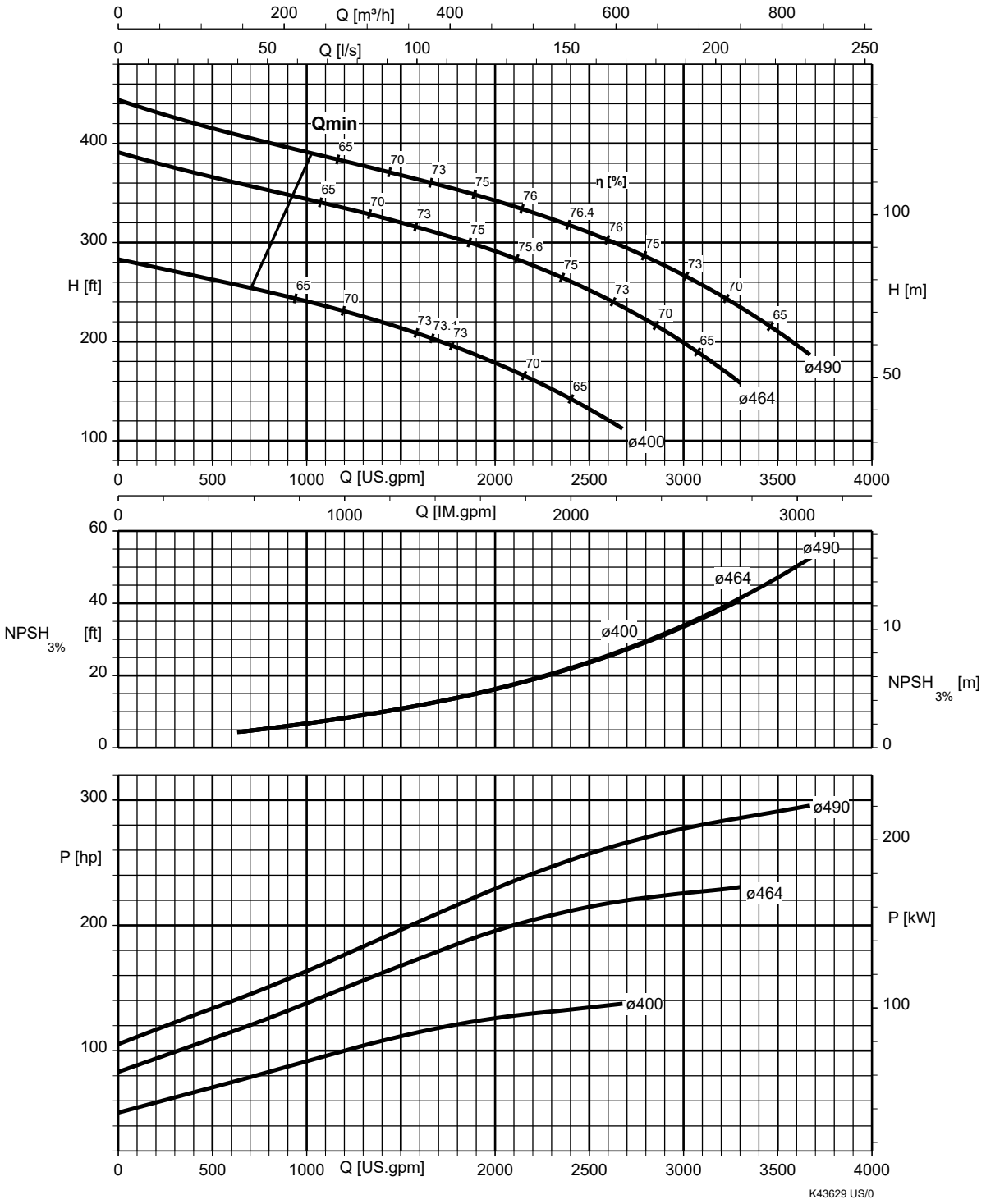
Table 89: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
304_E_	-	-	-	✗	✗	✗	✗
304_F_	✗	✗	✗	-	-	-	-
374_E_	-	-	-	✗	✗	✗	✗
374_F_	✗	✗	✗	-	-	-	-
454_E_	-	-	-	✗	✗	✗	✗
554_E_	-	-	-	✗	✗	✗	✗
554_F_	✗	✗	✗	-	-	-	-
654_E_	-	-	-	✗	✗	✗	✗
654_F_	✗	✗	✗	-	-	-	-
754_E_	-	-	-	✗	✗	✗	✗
754_F_	✗	✗	✗	-	-	-	-
804_N_	✗	✗	-	-	✗	-	✗
954_N_	✗	✗	-	-	✗	-	✗
1104_N_	✗	✗	-	-	✗	-	✗
1304_N_	✗	✗	-	-	✗	-	✗
1554_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 150-503, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



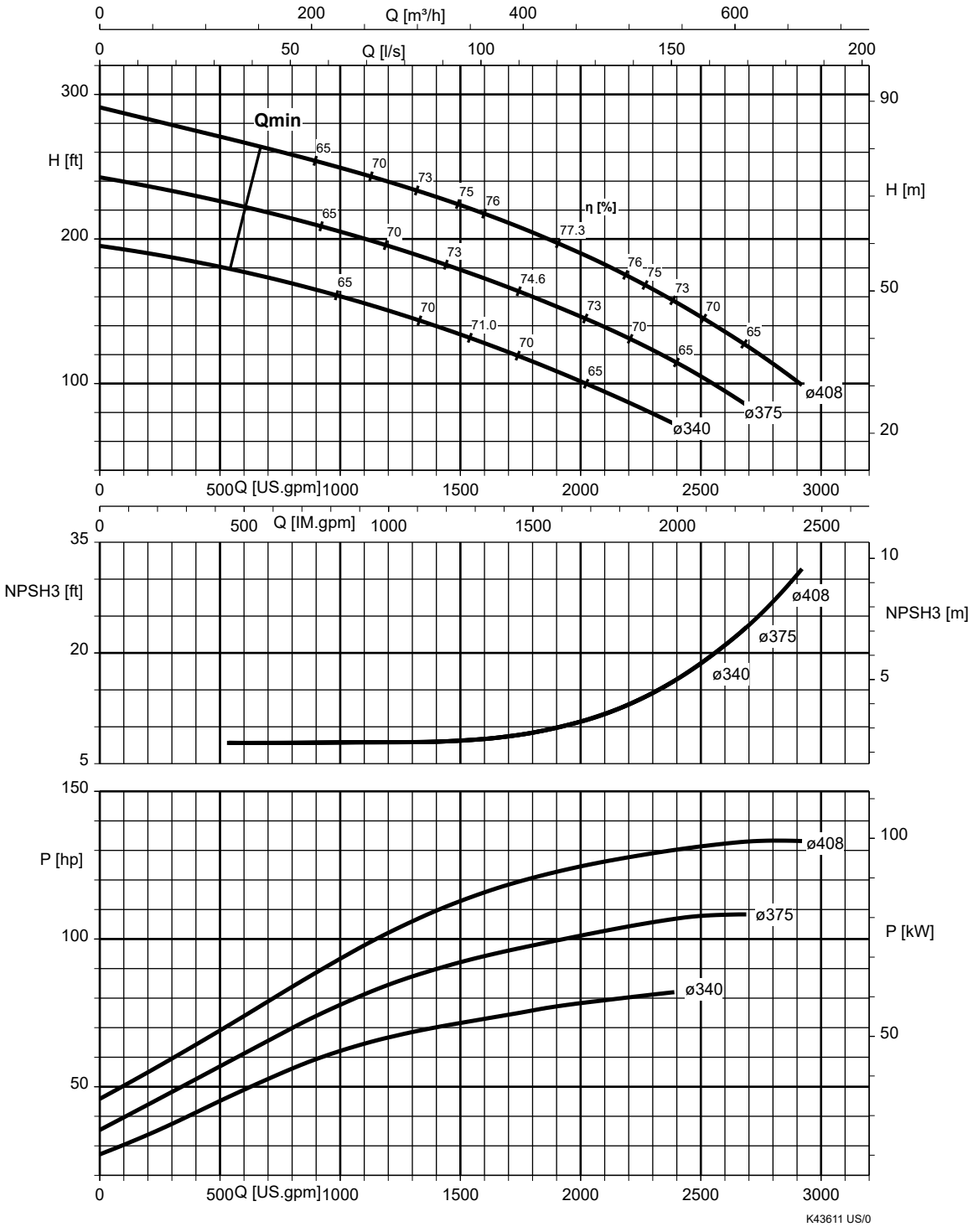
Free passage = 3 in [76 mm]

Table 90: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
804_N_	✗	✗	-	-	✗
954_N_	✗	✗	-	-	✗
1104_N_	✗	✗	-	-	✗
1304_N_	✗	✗	-	-	✗
1554_N_	✗	✗	-	-	✗
1754_N_	✗	✗	-	-	✗
2004_N_	✗	✗	-	-	✗
2504_N_	✗	✗	-	-	✗
3004_N_	✗	✗	-	-	✗

Amarex KRT K 151-403, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



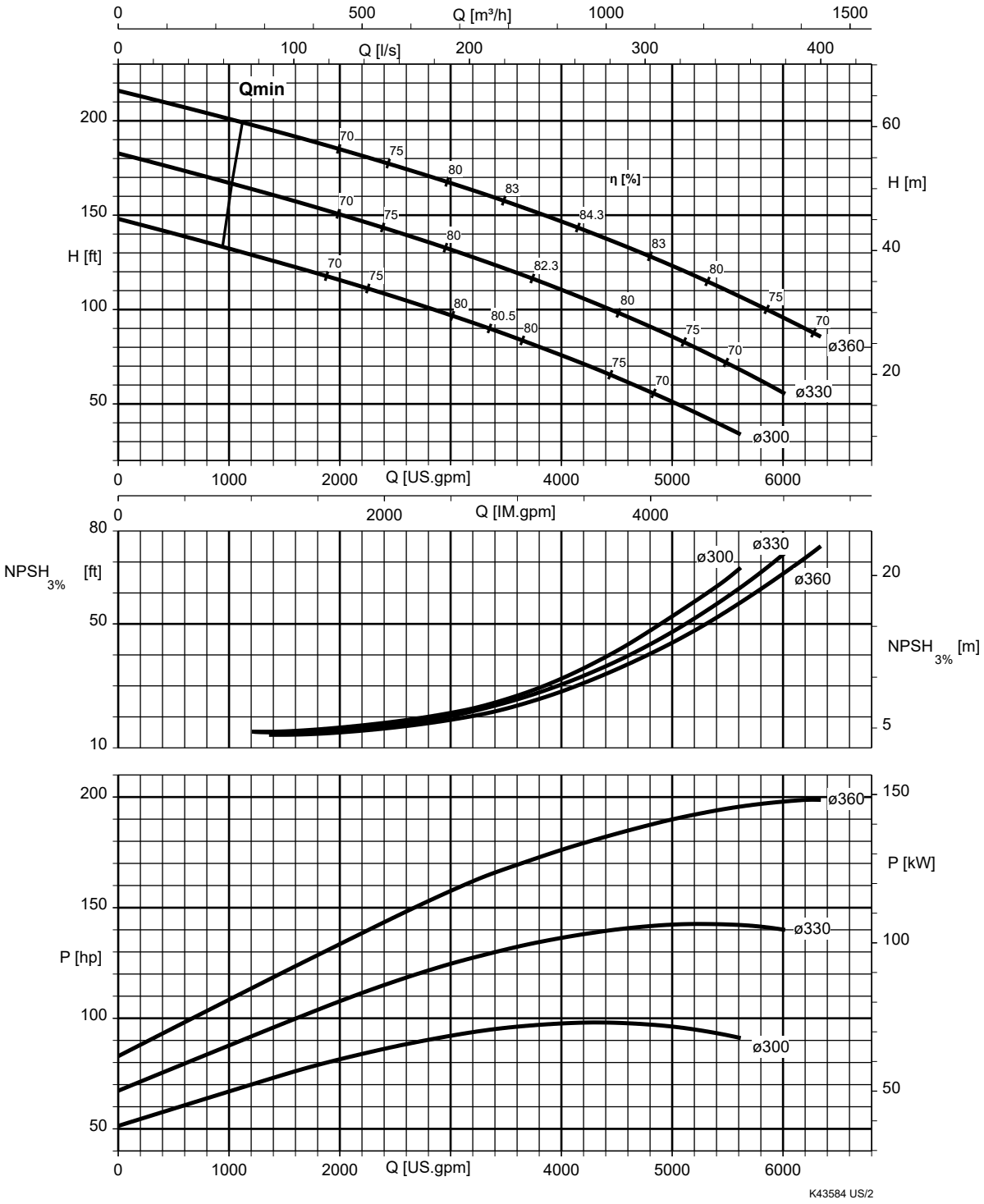
Free passage = 3 in [76 mm]

Table 91: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
554_E_	-	-	-	✗	✗	✗	✗
554_F_	✗	✗	✗	-	-	-	-
654_E_	-	-	-	✗	✗	✗	✗
654_F_	✗	✗	✗	-	-	-	-
754_E_	-	-	-	✗	✗	✗	✗
754_F_	✗	✗	✗	-	-	-	-
804_N_	✗	✗	-	-	✗	-	✗
954_N_	✗	✗	-	-	✗	-	✗
1104_N_	✗	✗	-	-	✗	-	✗
1304_N_	✗	✗	-	-	✗	-	✗
1554_N_	✗	✗	-	-	✗	-	✗
1754_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 200-402, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 3 1/8 in [80 mm]

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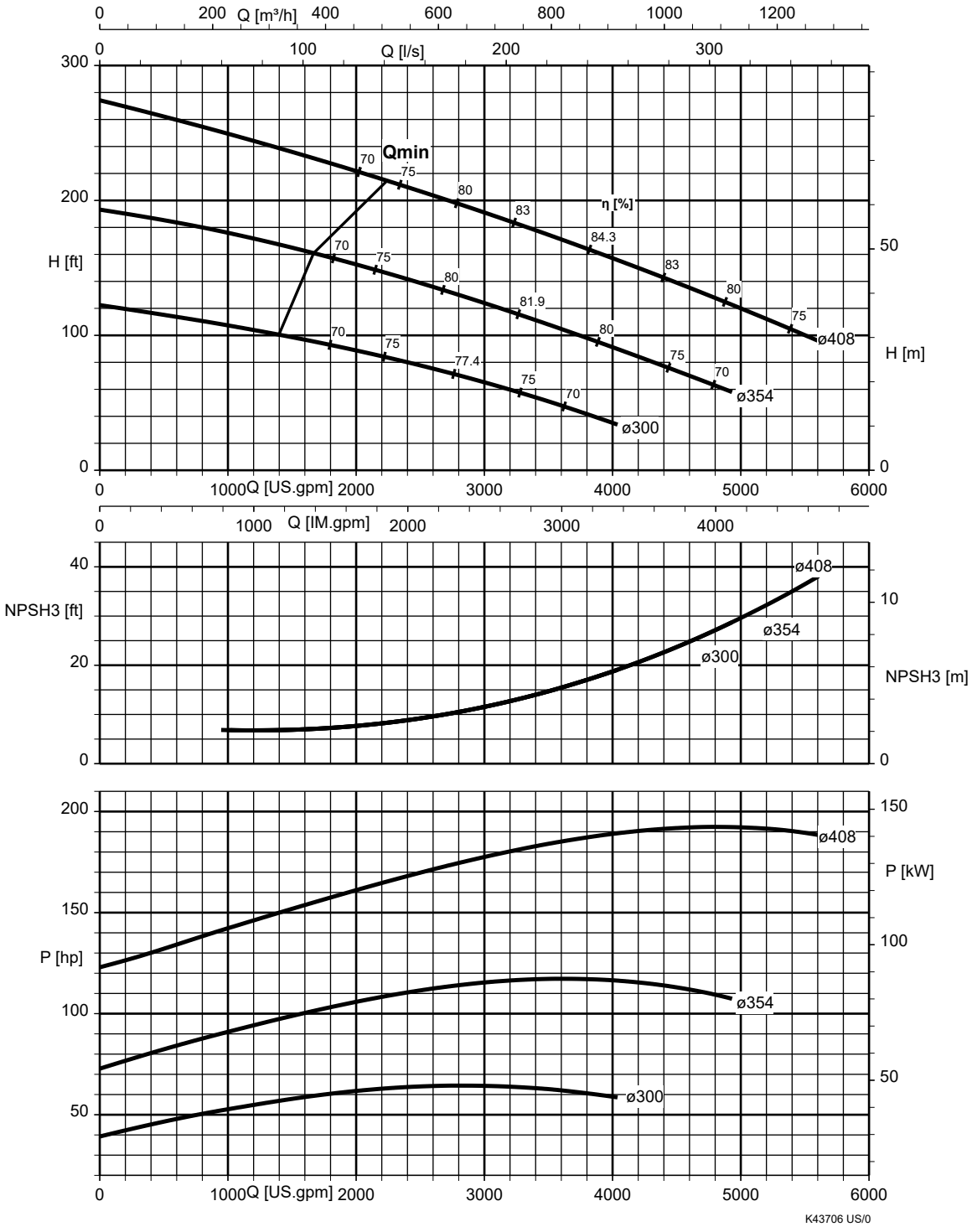
Table 92: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
804_N_	✗	✗	-	✗	✗	✗	✗
954_N_	✗	✗	-	✗	✗	✗	✗
1104_N_	✗	✗	-	✗	✗	✗	✗
1304_N_	✗	✗	-	✗	✗	✗	✗
1554_N_	✗	✗	-	✗	✗	✗	✗
1754_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 200-403, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



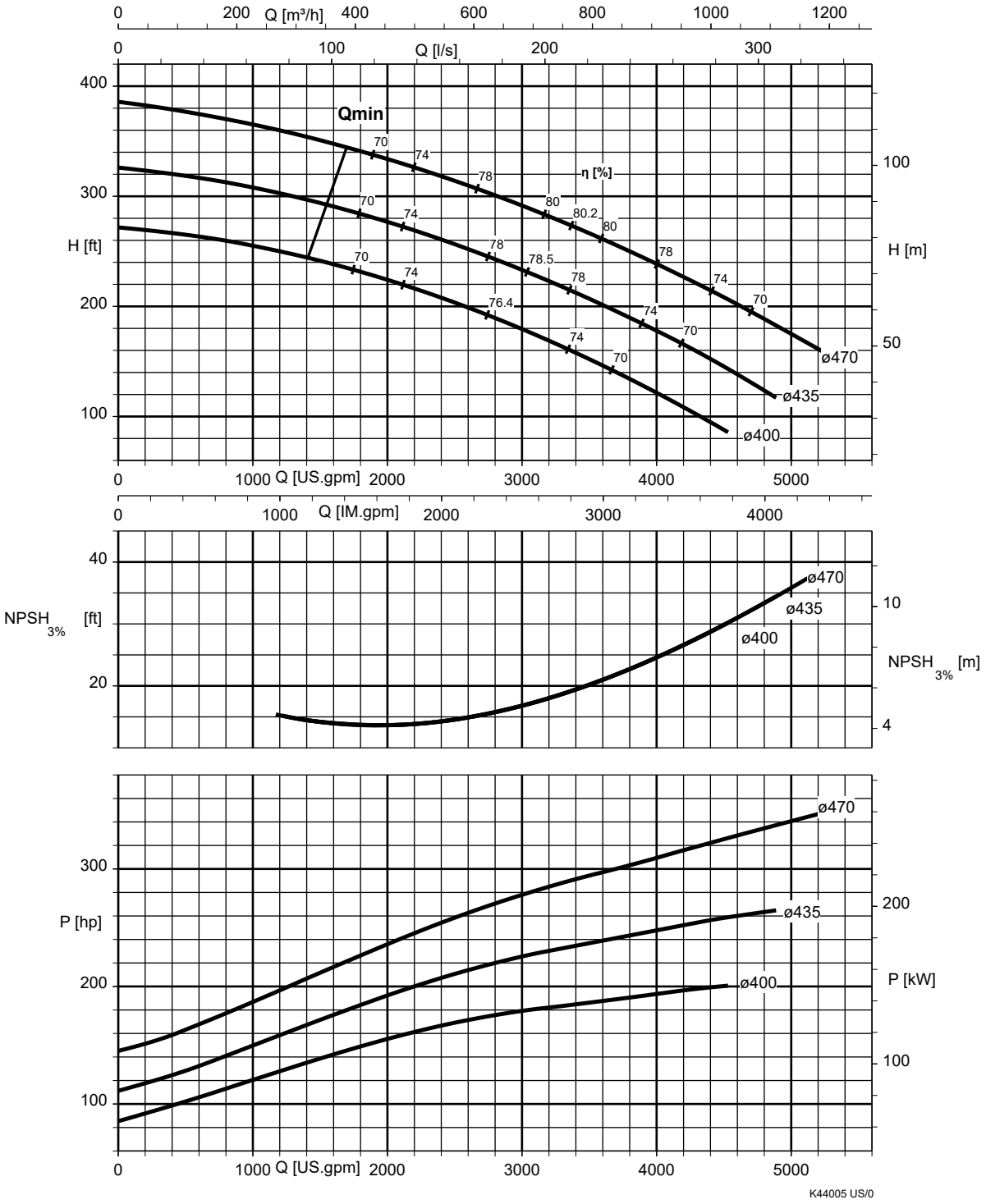
Free passage = 3 9/16 in [90 mm]

Table 93: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
454_E_	-	-	-	✗	✗	✗	✗
554_E_	-	-	-	✗	✗	✗	✗
554_F_	✗	✗	✗	-	-	-	-
654_E_	-	-	-	✗	✗	✗	✗
654_F_	✗	✗	✗	-	-	-	-
754_E_	-	-	-	✗	✗	✗	✗
754_F_	✗	✗	✗	-	-	-	-
804_N_	✗	✗	-	-	✗	-	✗
954_N_	✗	✗	-	-	✗	-	✗
1104_N_	✗	✗	-	-	✗	-	✗
1304_N_	✗	✗	-	-	✗	-	✗
1554_N_	✗	✗	-	-	✗	-	✗
1754_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 200-505, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



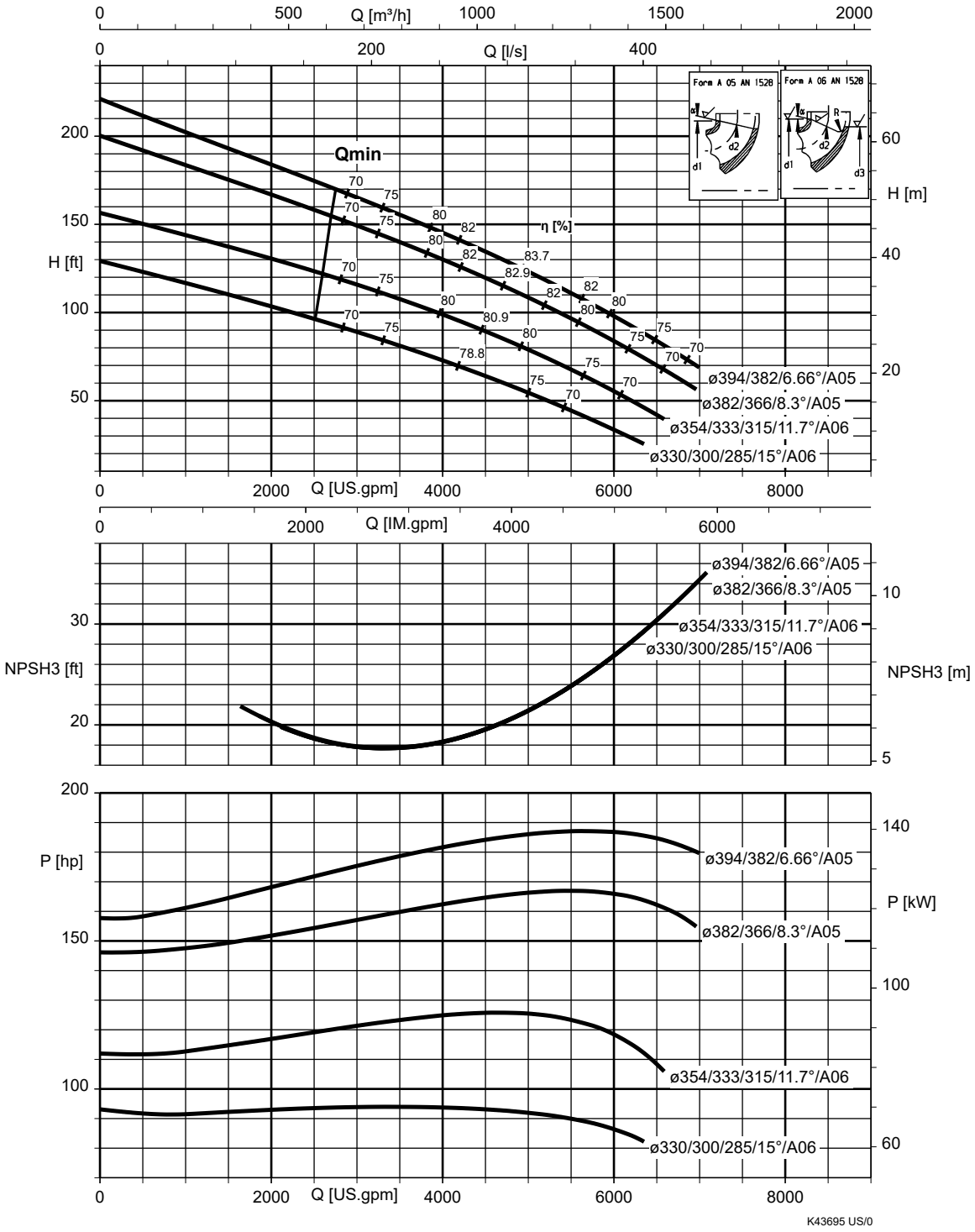
Free passage = 3 9/16 in [90 mm]

Table 94: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
804_N_	✗	✗	-	-	✗
954_N_	✗	✗	-	-	✗
1104_N_	✗	✗	-	-	✗
1304_N_	✗	✗	-	-	✗
1554_N_	✗	✗	-	-	✗
1754_N_	✗	✗	-	-	✗
2004_N_	✗	✗	-	-	✗
2504_N_	✗	✗	-	-	✗
3004_N_	✗	✗	-	-	✗
3504_N_	-	-	-	-	✗

Amarex KRT K 250-403, n = 1750 rpm

Characteristic curves to ISO 9906 Class 2B, below 10 kW to § 4.4.2. n = nominal speed



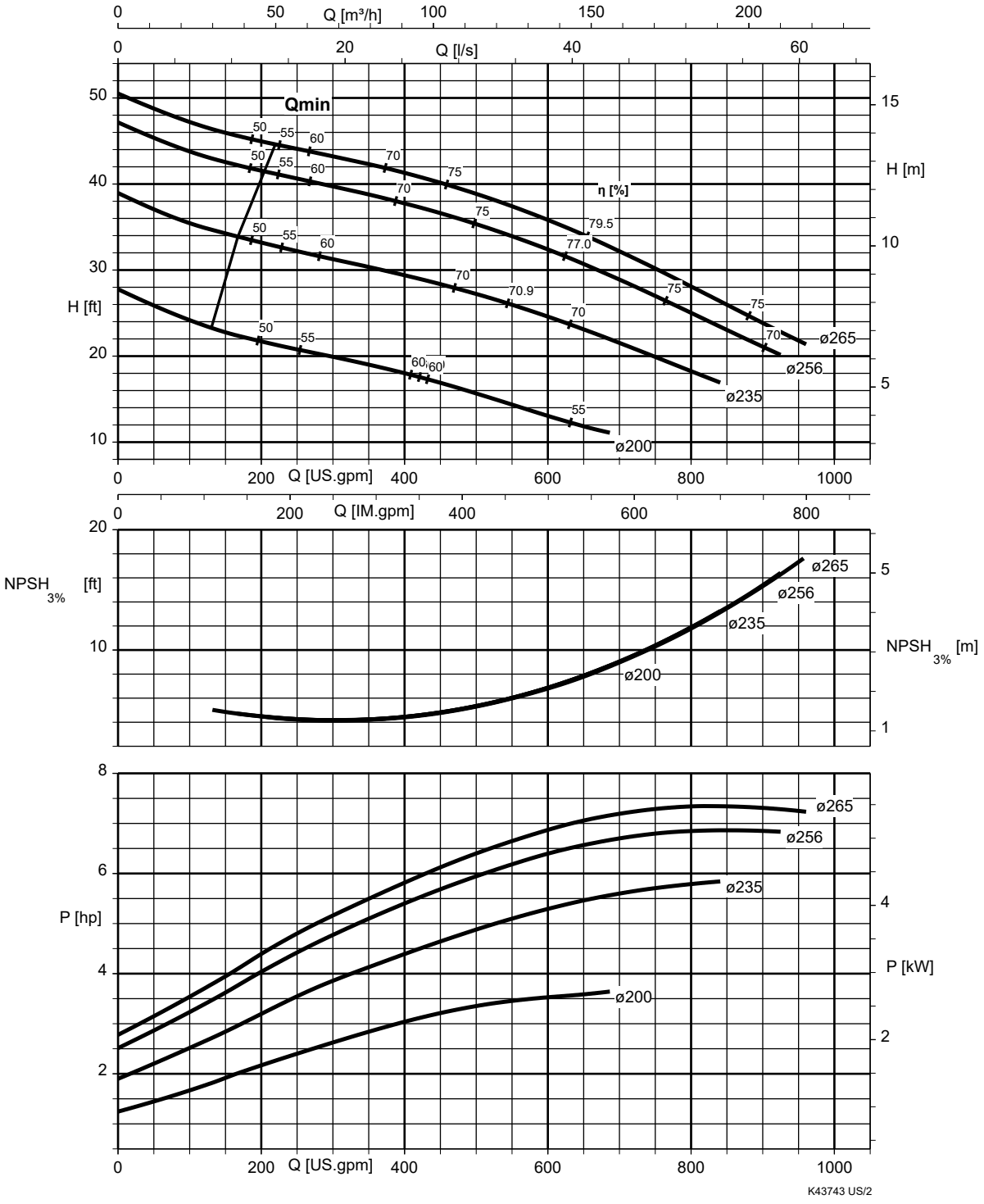
Free passage = 4 3/16 in [106 mm]

Table 95: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
804_N_	✗	✗	-	-	✗	-	✗
954_N_	✗	✗	-	-	✗	-	✗
1104_N_	✗	✗	-	-	✗	-	✗
1304_N_	✗	✗	-	-	✗	-	✗
1554_N_	✗	✗	-	-	✗	-	✗
1754_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 100-253, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



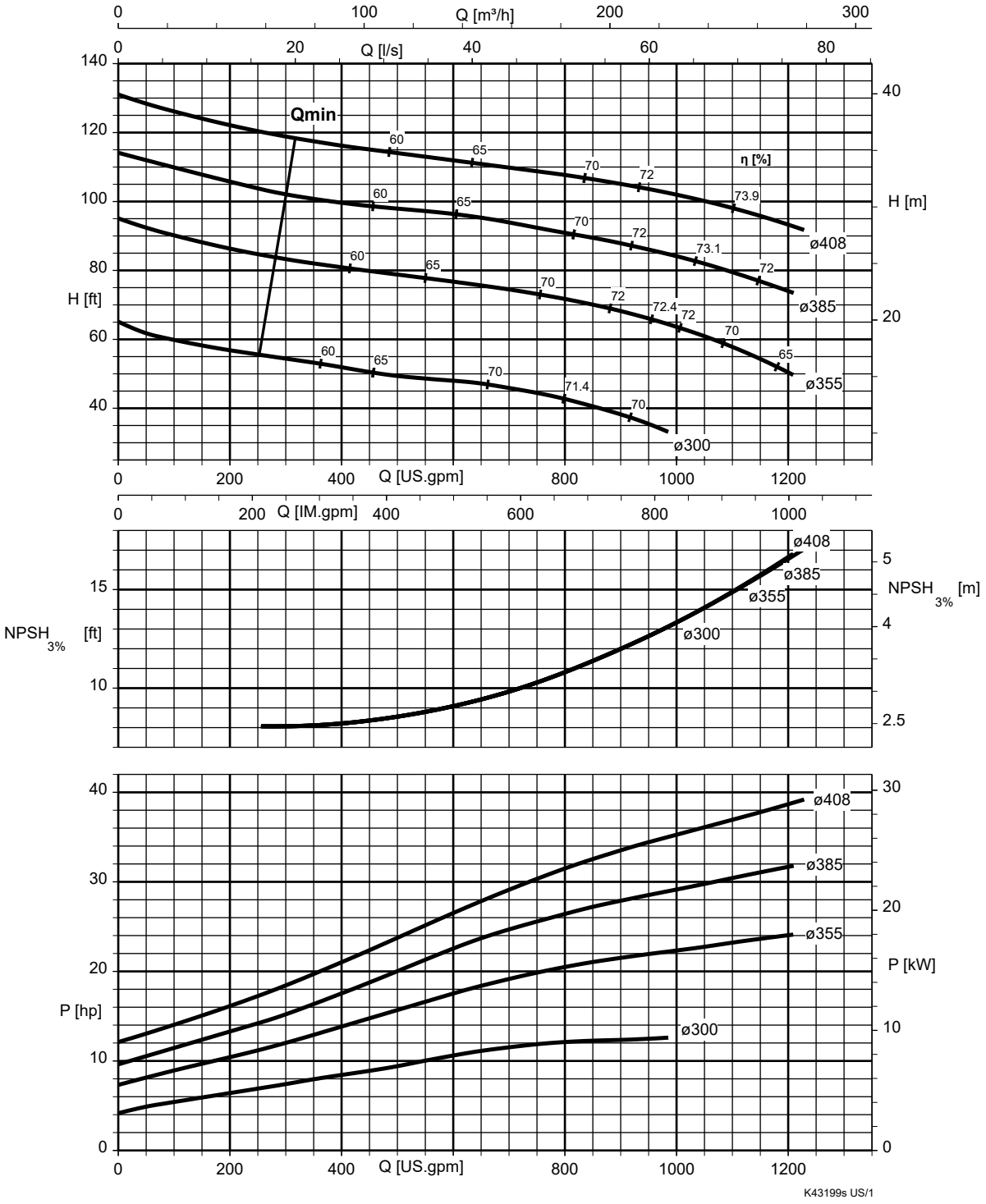
Free passage = 3 in [76 mm]

Table 96: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
76_E_	-	-	-	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-	-	-
186_E_	✗	✗	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 100-400, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



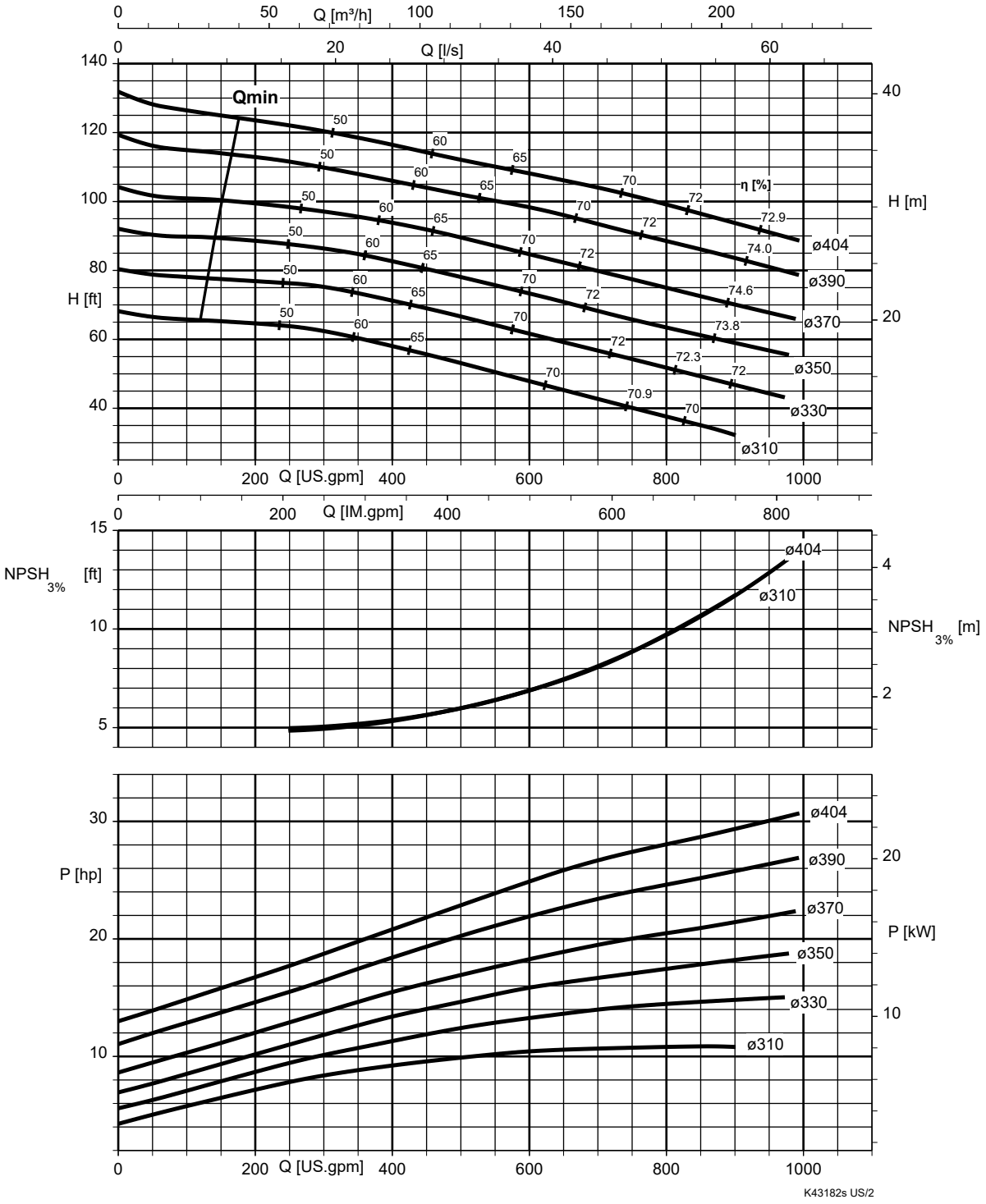
Free passage = 3 in [76 mm]

Table 97: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
226_E_	-	-	-	✗	✗	✗	-
226_F_	✗	✗	✗	-	-	-	-
306_E_	-	-	-	✗	✗	✗	-
306_F_	✗	✗	✗	-	-	-	-
316_E_	-	-	-	✗	✗	✗	-
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	-
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	-
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	-
556_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 100-401, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



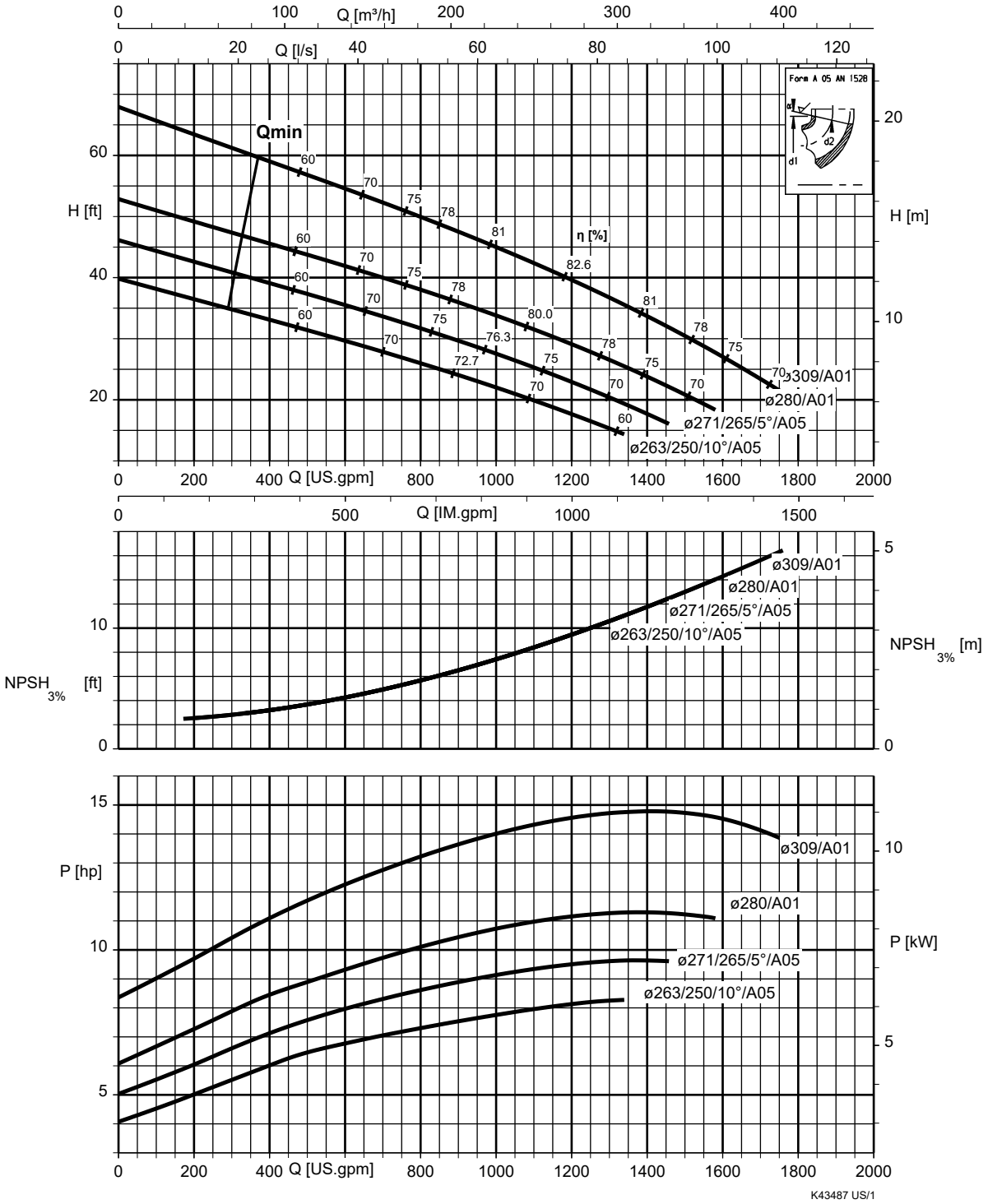
Free passage = 1 15/16 in [50 mm]

Table 98: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
226_E_	-	-	-	-	✗
226_F_	✗	✗	✗	-	-
306_E_	-	-	-	-	✗
306_F_	✗	✗	✗	-	-
316_E_	-	-	-	-	✗
316_F	✗	✗	✗	-	-
376_E_	-	-	-	-	✗
376_F_	✗	✗	✗	-	-
456_E_	-	-	-	-	✗
456_F_	✗	✗	✗	-	-
556_E_	-	-	-	-	✗
556_F_	✗	✗	✗	-	-

Amarex KRT K 150-317, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



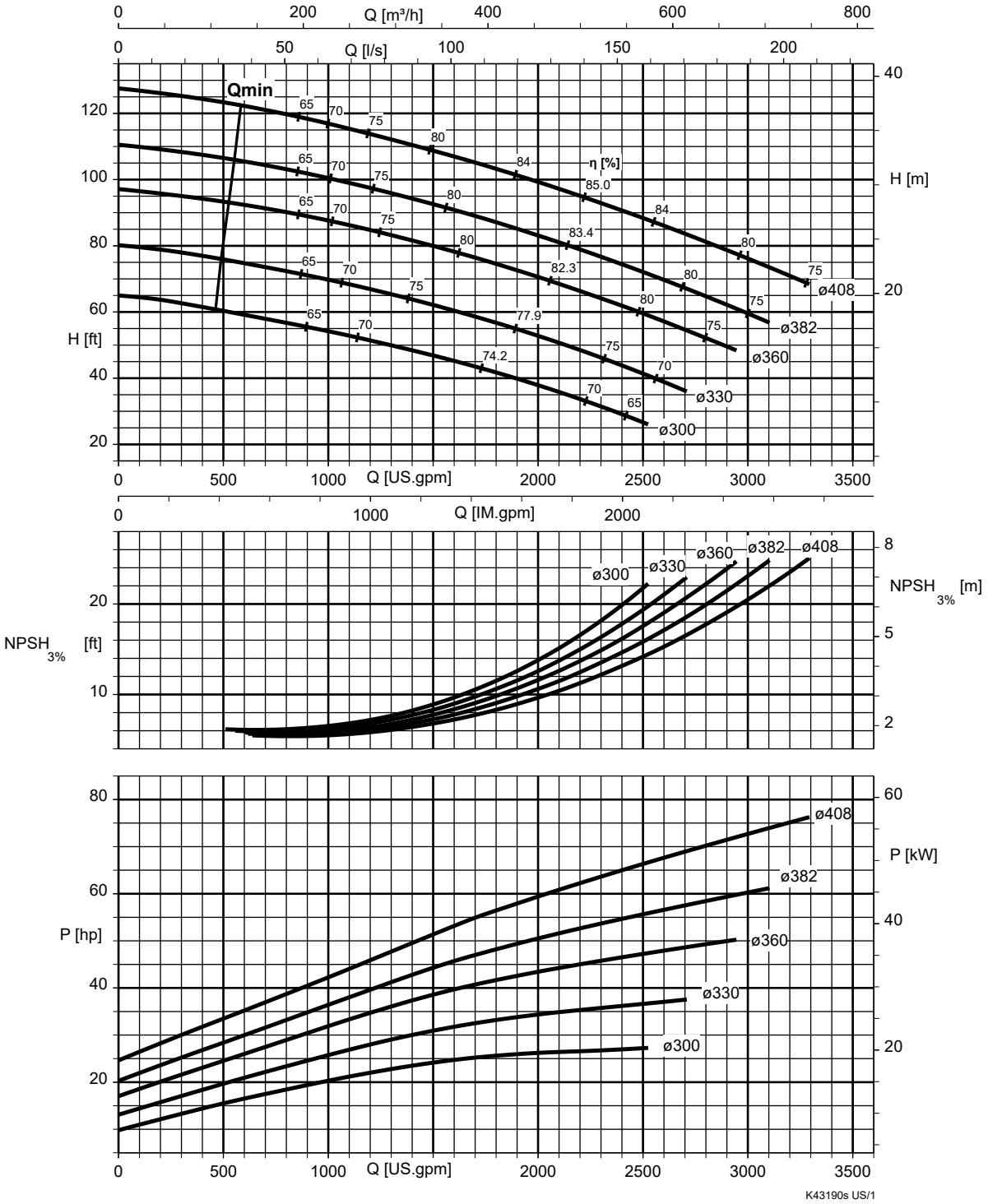
Free passage = 3 in [76 mm]

Table 99: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
76_E_	✗	✗	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-	-	-
186_E_	✗	✗	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-	-	-
226_E_	-	-	-	✗	✗	✗	✗
226_F_	✗	✗	✗	-	-	-	-
316_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 150-400, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



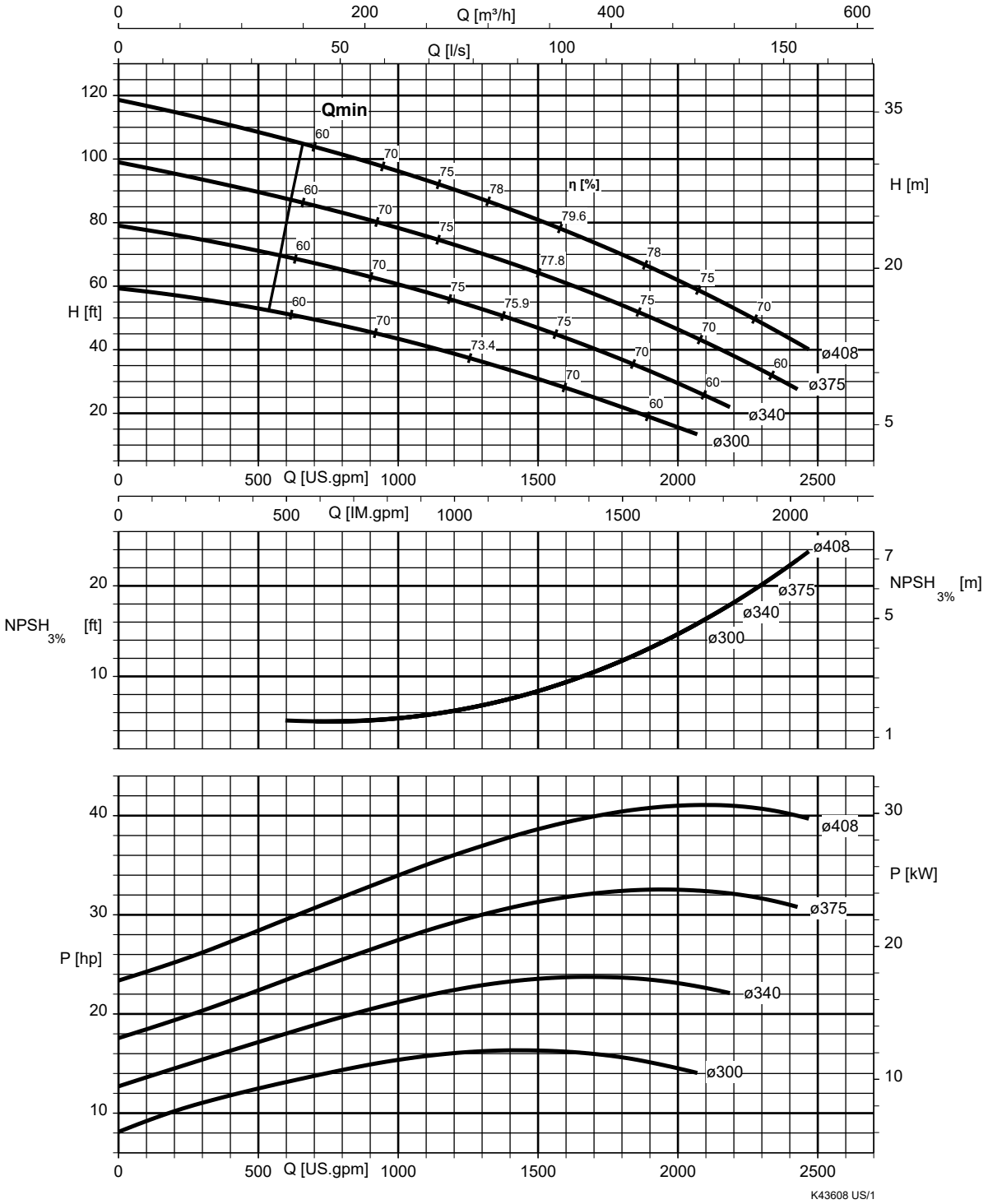
Free passage = 3 in [76 mm]

Table 100: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
226_E_	-	-	-	✗	✗	✗	✗
226_F_	✗	✗	✗	-	-	-	-
306_E_	-	-	-	✗	✗	✗	✗
306_F_	✗	✗	✗	-	-	-	-
316_E_	-	-	-	✗	✗	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 150-403, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



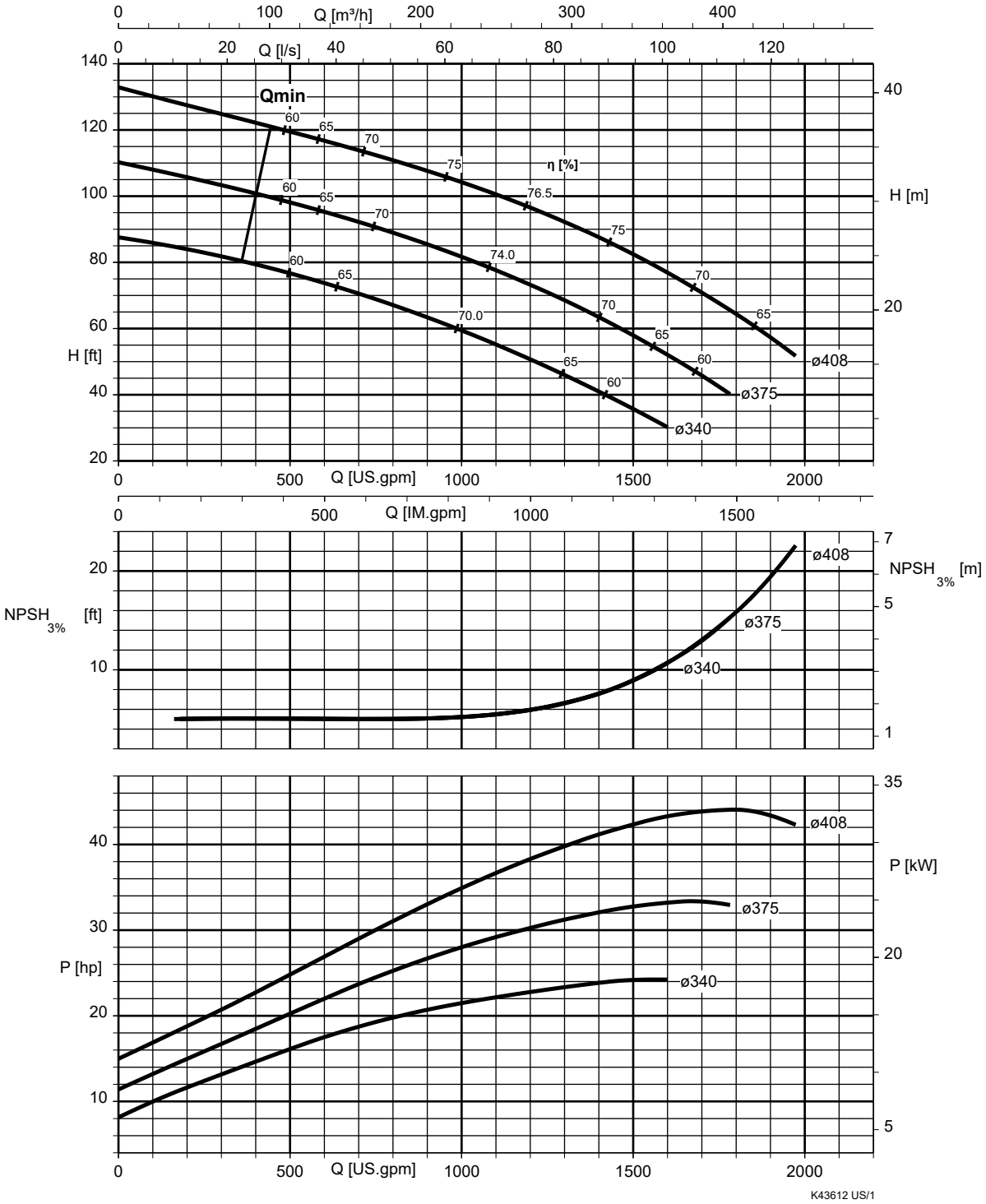
Free passage = 3 in [76 mm]

Table 101: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
226_E_	-	-	-	✗	✗	✗	✗
226_F_	✗	✗	✗	-	-	-	-
306_E_	-	-	-	✗	✗	✗	✗
306_F_	✗	✗	✗	-	-	-	-
316_E_	-	-	-	✗	✗	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	✗	✗
806_N_	✗	✗	-	✗	✗	✗	✗
1006_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 151-403, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



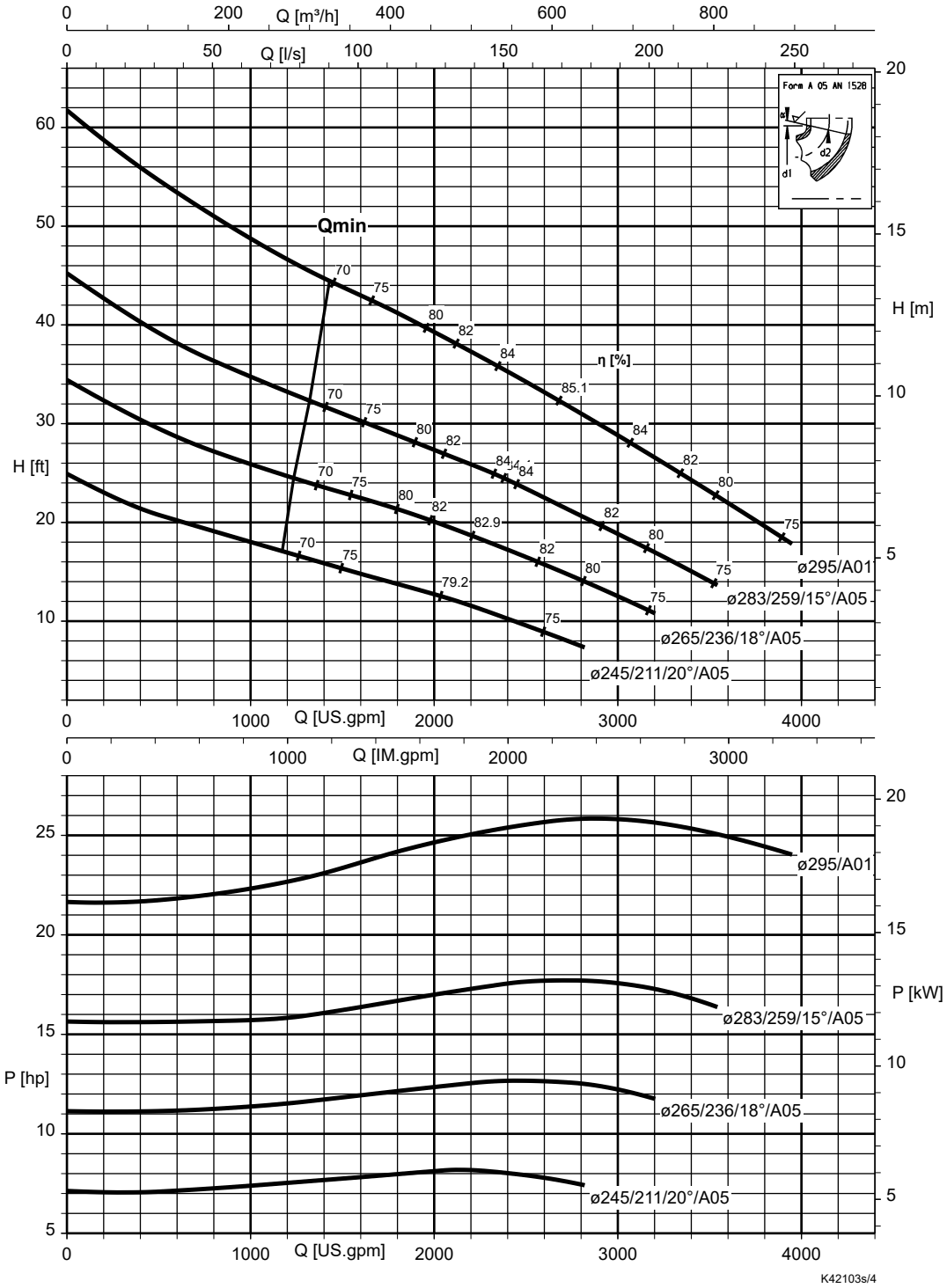
Free passage = 3 in [76 mm]

Table 102: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
226_E_	-	-	-	✗	✗	✗	✗
226_F_	✗	✗	✗	-	-	-	-
306_E_	-	-	-	✗	✗	✗	✗
306_F_	✗	✗	✗	-	-	-	-
316_E_	-	-	-	✗	✗	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	✗	✗
806_N_	✗	✗	-	✗	✗	✗	✗
1006_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 200-315, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



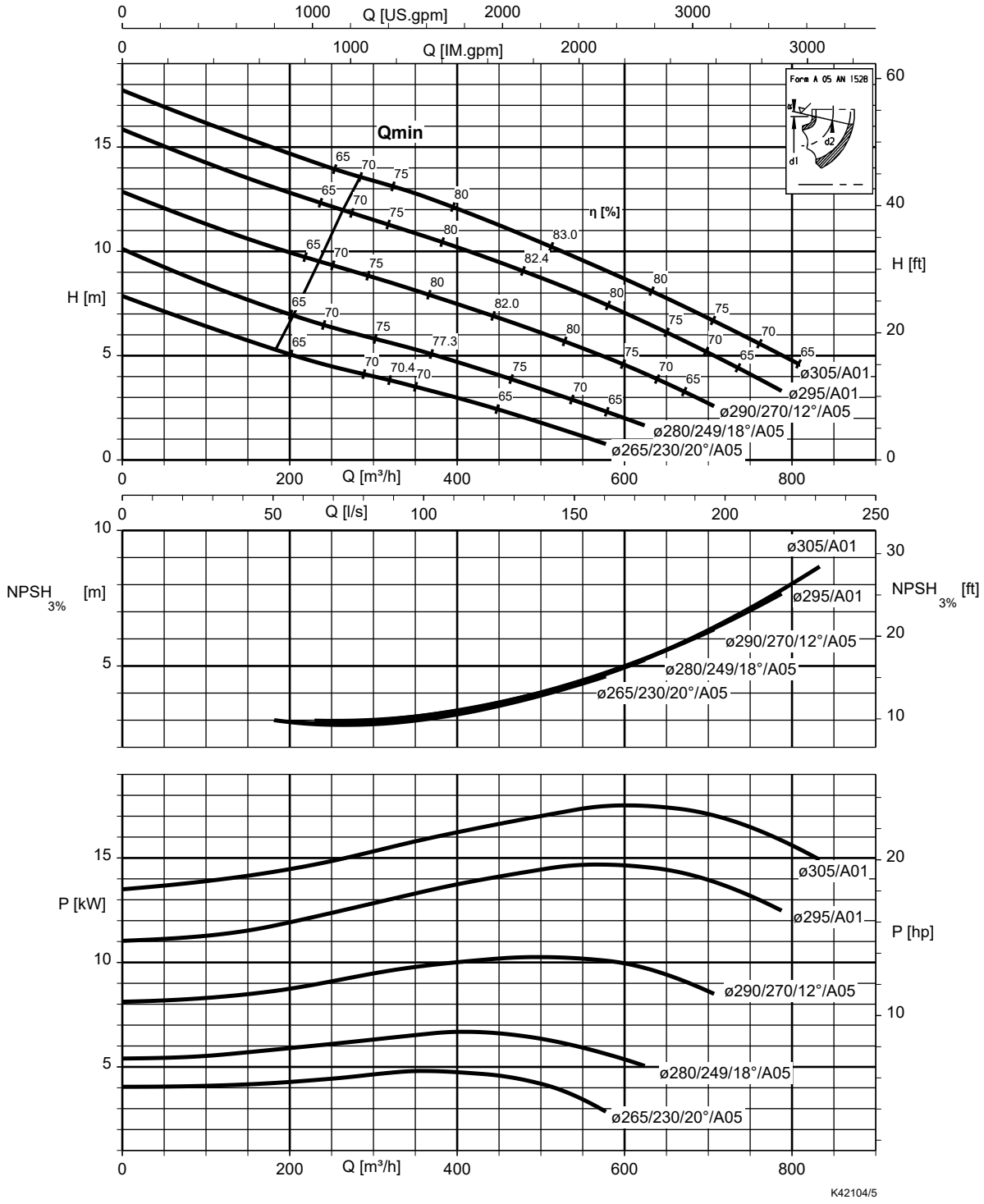
Free passage = 2 3/4 in [70 mm]

Table 103: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
76_E_	-	-	-	✗	✗	✗	✗
116_E_	-	-	-	✗	✗	✗	✗
156_E_	-	-	-	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-	-	-
186_E_	-	-	-	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-	-	-
226_E_	-	-	-	✗	✗	✗	✗
226_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 200-316, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



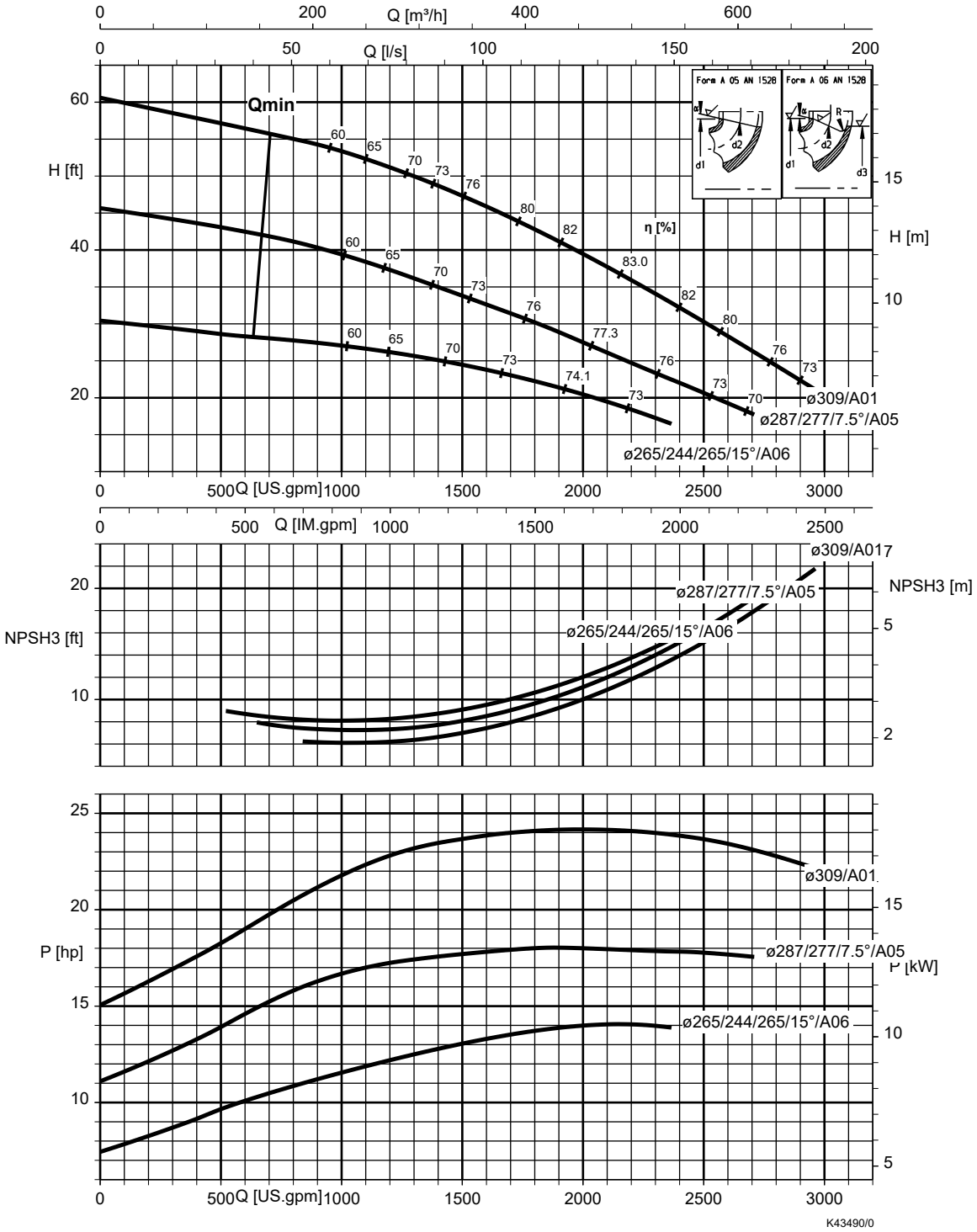
Free passage = 3 15/16 in [100 mm]

Table 104: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
76_E_	✗	✗	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-	-	-
186_E_	✗	✗	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-	-	-
226_E_	-	-	-	✗	✗	✗	✗
226_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 200-317, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



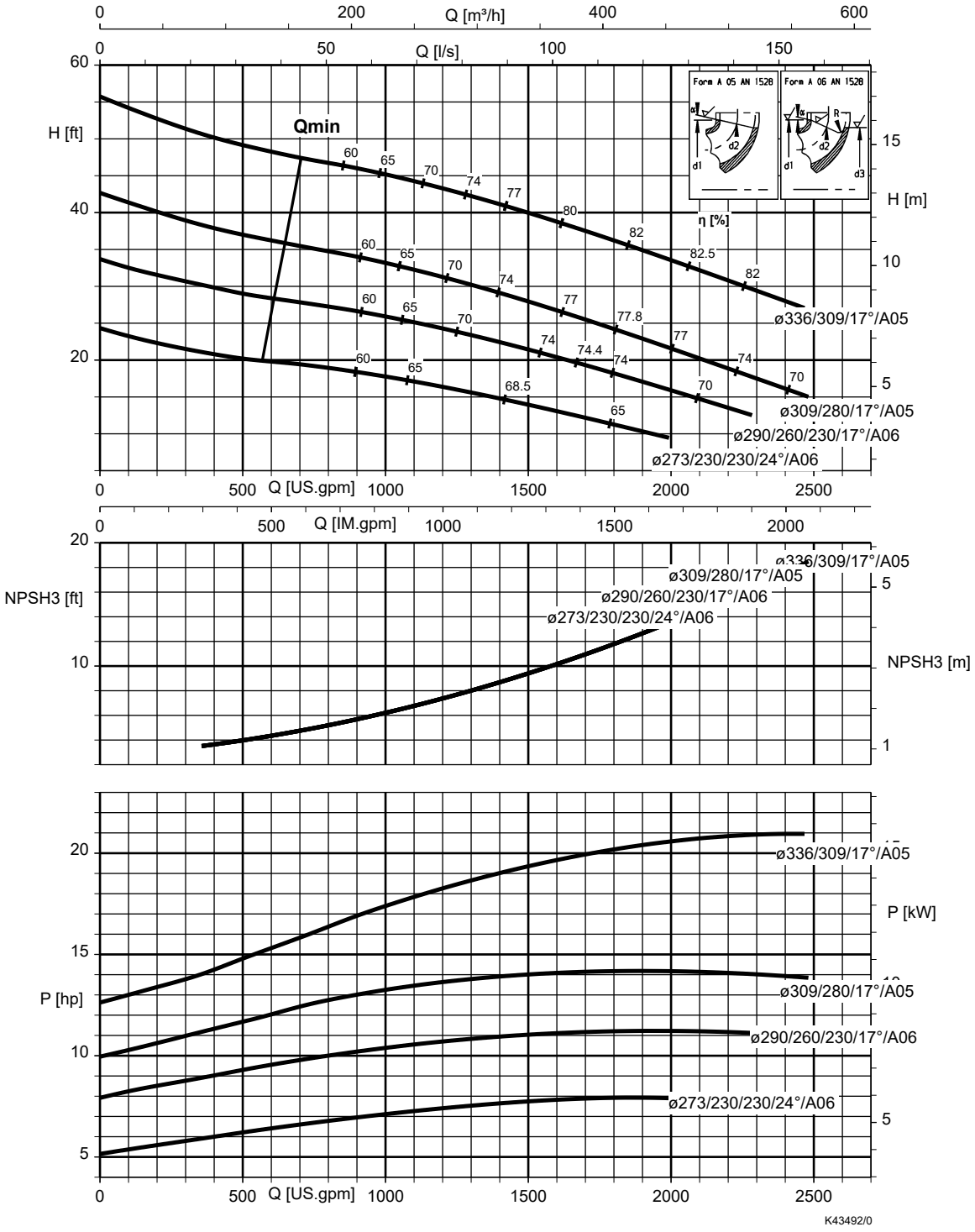
Free passage = 3 in [76 mm]

Table 105: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-
226_E_	-	-	✗	✗	✗
226_F_	✗	✗	✗	-	-
316_E_	-	-	✗	✗	✗
376_E_	-	-	✗	✗	✗

Amarex KRT K 200-318, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



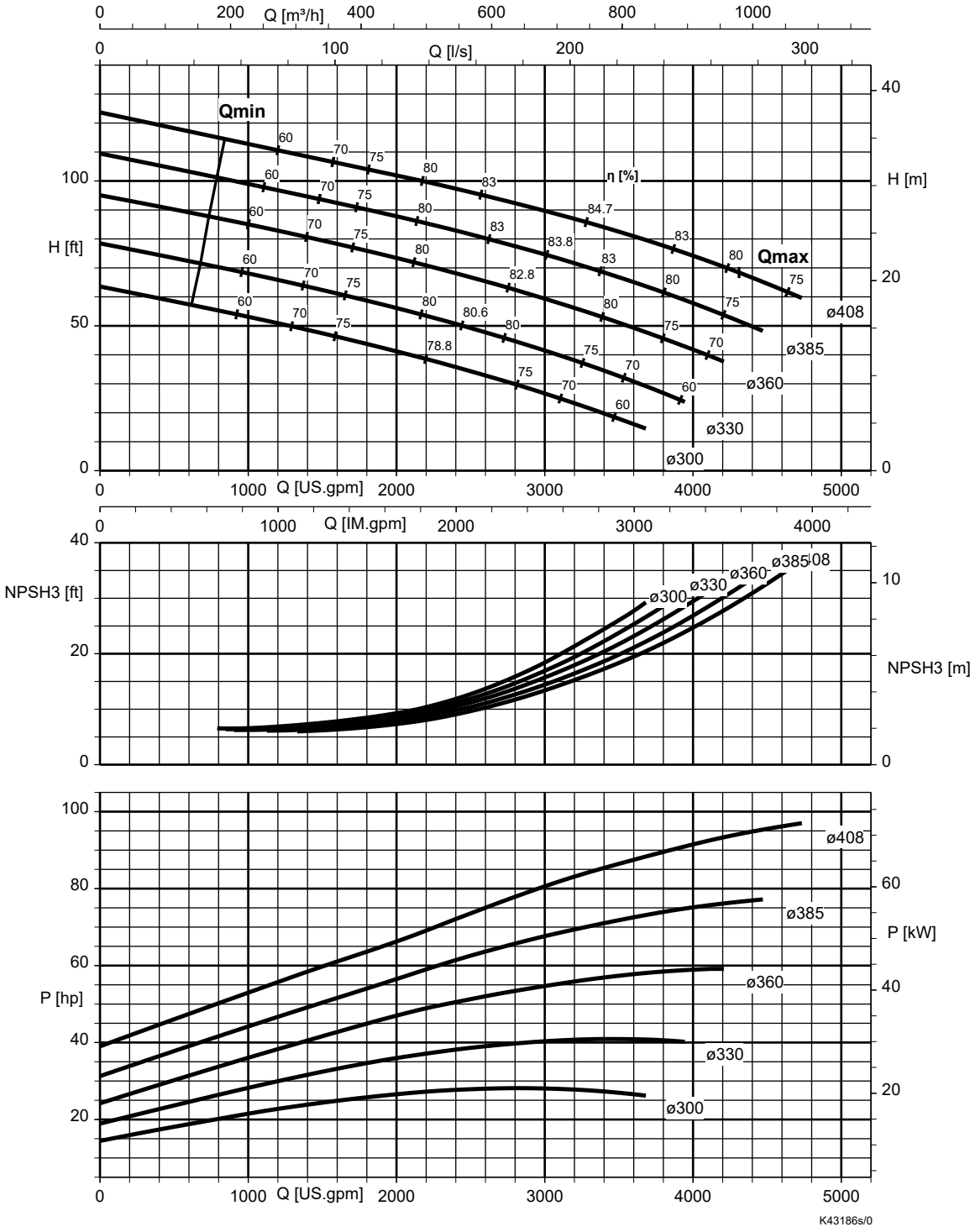
Free passage = 3 15/16 in [100 mm]

Table 106: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
76_E_	✗	✗	✗	✗	✗
116_E_	✗	✗	✗	✗	✗
156_E_	✗	✗	✗	✗	✗
156_F_	✗	✗	✗	-	-
186_E_	✗	✗	✗	✗	✗
186_F_	✗	✗	✗	-	-
226_E_	-	-	✗	✗	✗
226_F_	✗	✗	✗	-	-

Amarex KRT K 200-402, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



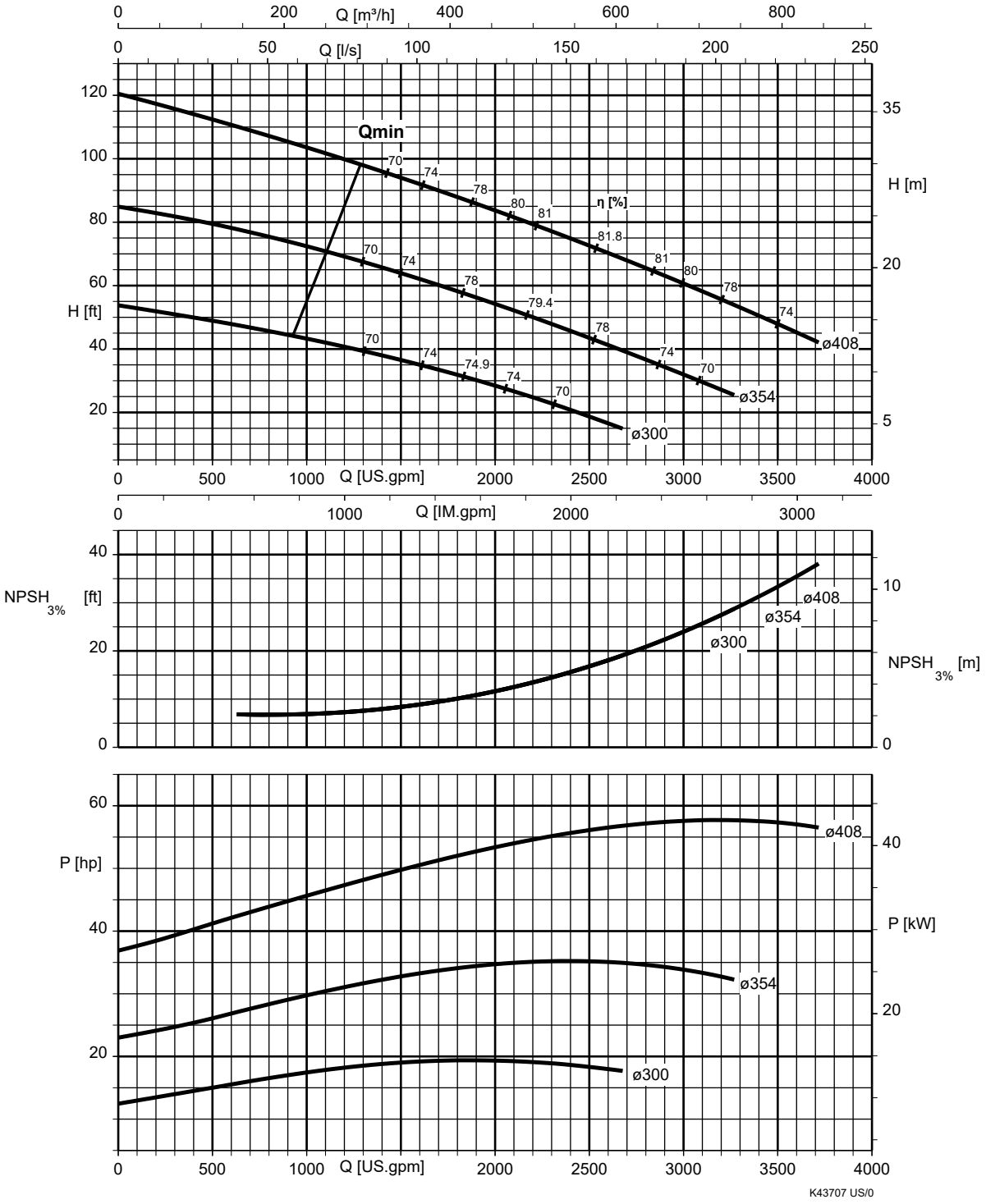
Free passage = 3 1/8 in [80 mm]

Table 107: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
226_E_	-	-	-	✗	✗	✗	✗
226_F_	✗	✗	✗	-	-	-	-
306_E_	-	-	-	✗	✗	✗	✗
306_F_	✗	✗	✗	-	-	-	-
316_E_	-	-	-	✗	✗	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	✗	✗
806_N_	✗	✗	-	✗	✗	✗	✗
1006_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 200-403, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



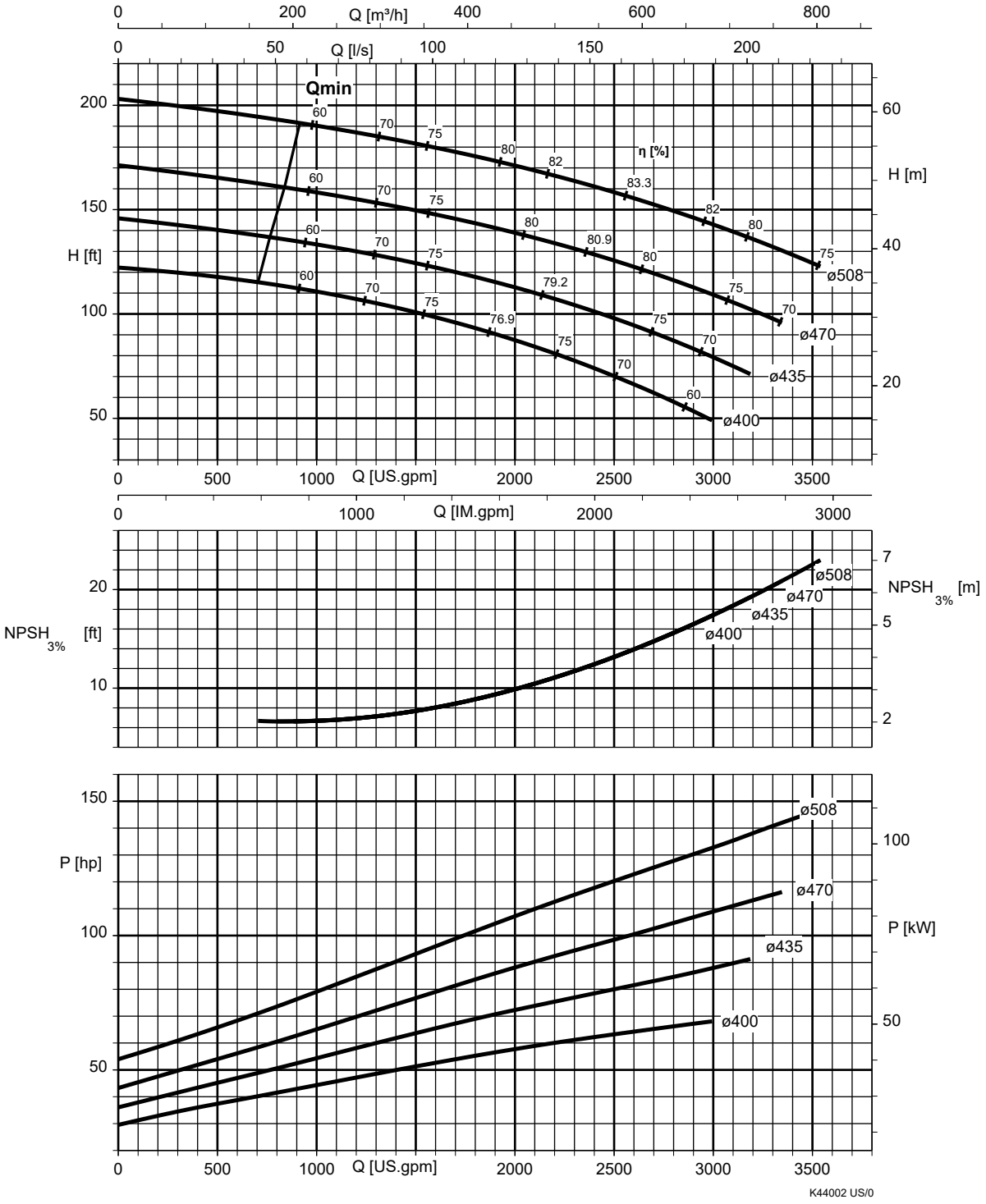
Free passage = 3 9/16 in [90 mm]

Table 108: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
226_E_	-	-	-	✗	✗	✗	✗
226_F_	✗	✗	✗	-	-	-	-
306_E_	-	-	-	✗	✗	✗	✗
306_F_	✗	✗	✗	-	-	-	-
316_E_	-	-	-	✗	✗	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	✗	✗
806_N_	✗	✗	-	✗	✗	✗	✗
1006_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 200-504, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



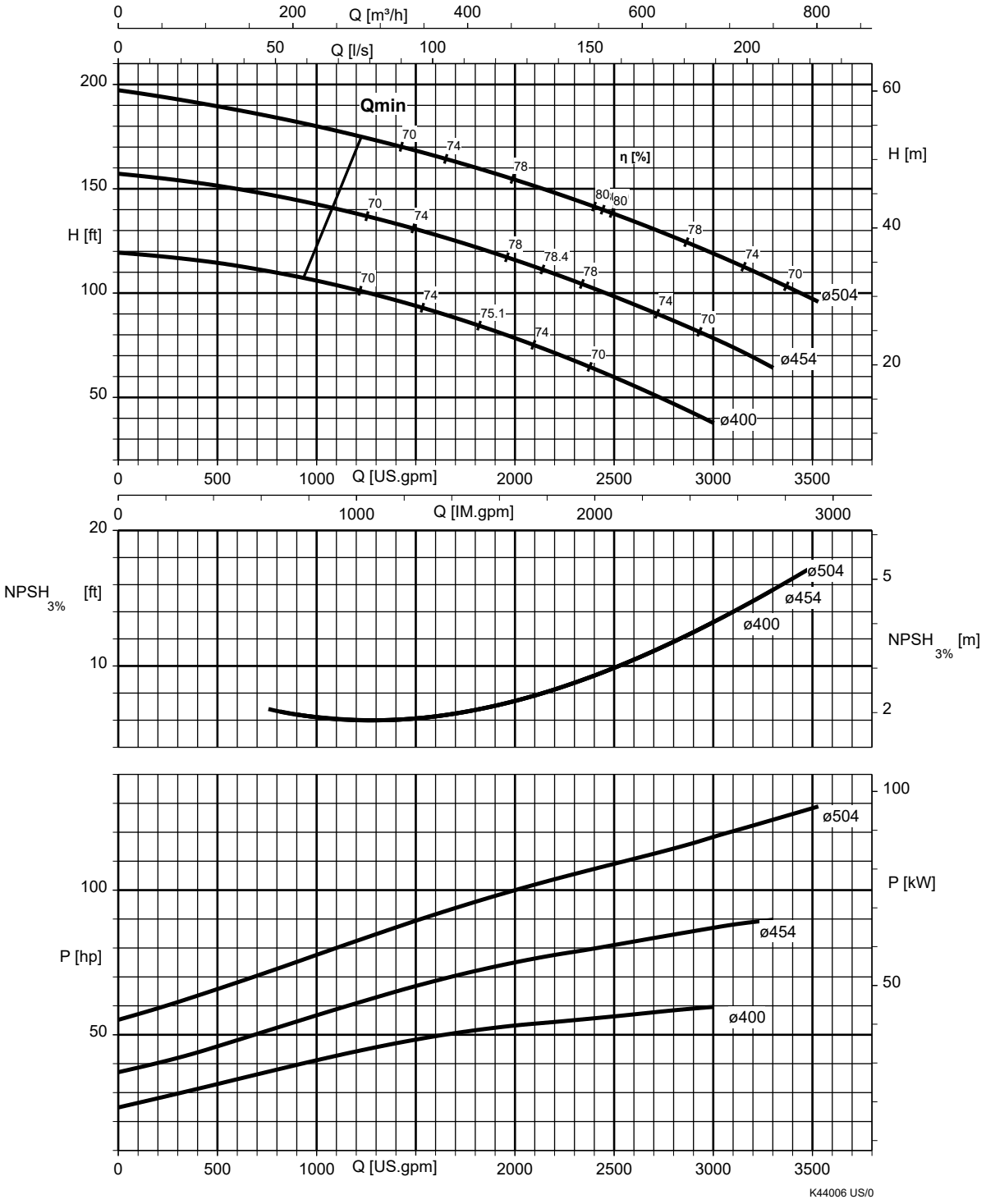
Free passage = 3 in [76 mm]

Table 109: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
606_N_	✗	✗	-	-	✗
806_N_	✗	✗	-	-	✗
1006_N_	✗	✗	-	-	✗
1206_N_	✗	✗	-	-	✗
1406_N_	✗	✗	-	-	✗
1656_N_	✗	✗	-	-	✗

Amarex KRT K 200-505, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



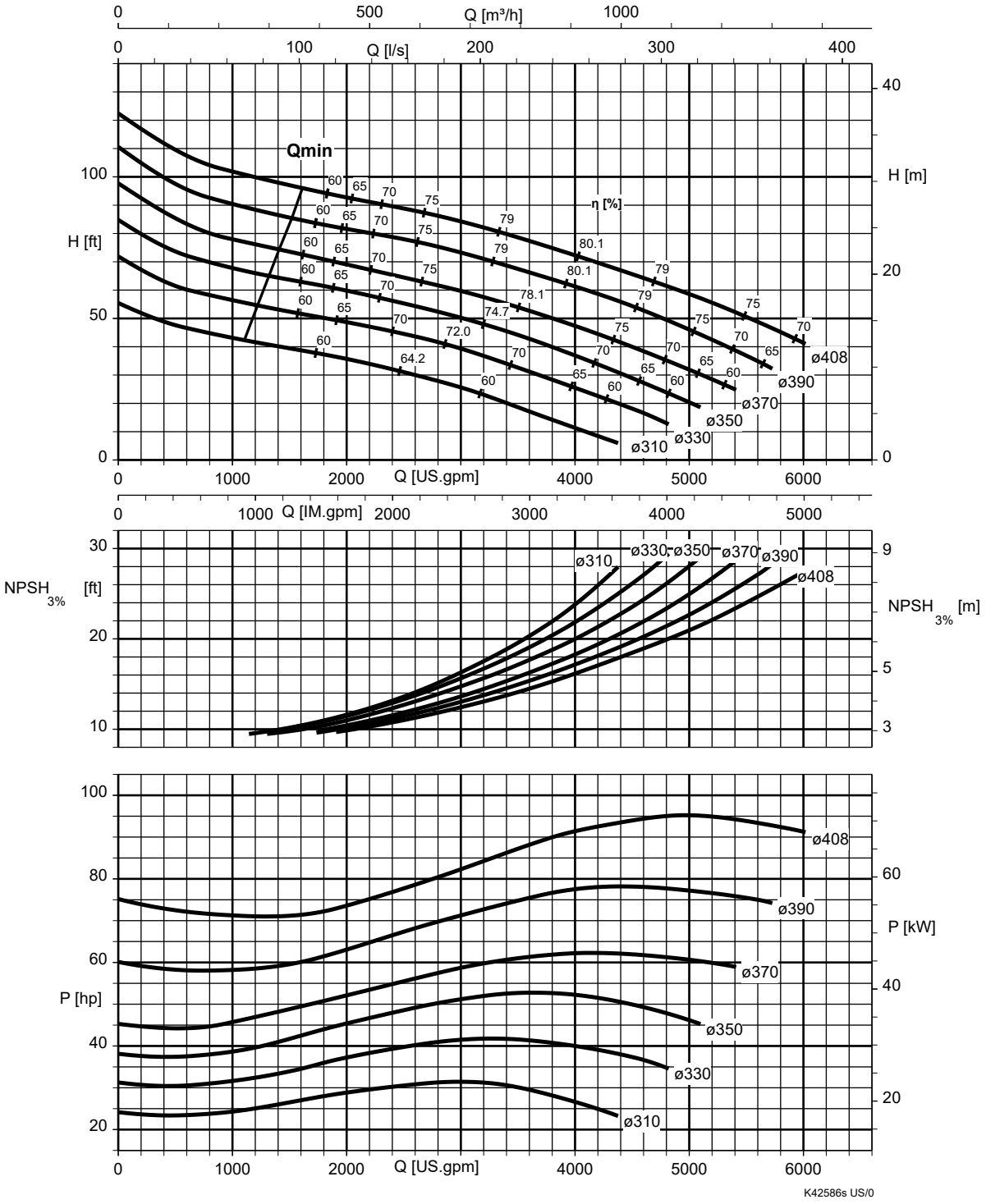
Free passage = 3 9/16 in [90 mm]

Table 110: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
606_N_	✗	✗	-	-	✗
806_N_	✗	✗	-	-	✗
1006_N_	✗	✗	-	-	✗
1206_N_	✗	✗	-	-	✗
1406_N_	✗	✗	-	-	✗
1656_N_	✗	✗	-	-	✗

Amarex KRT K 250-401, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



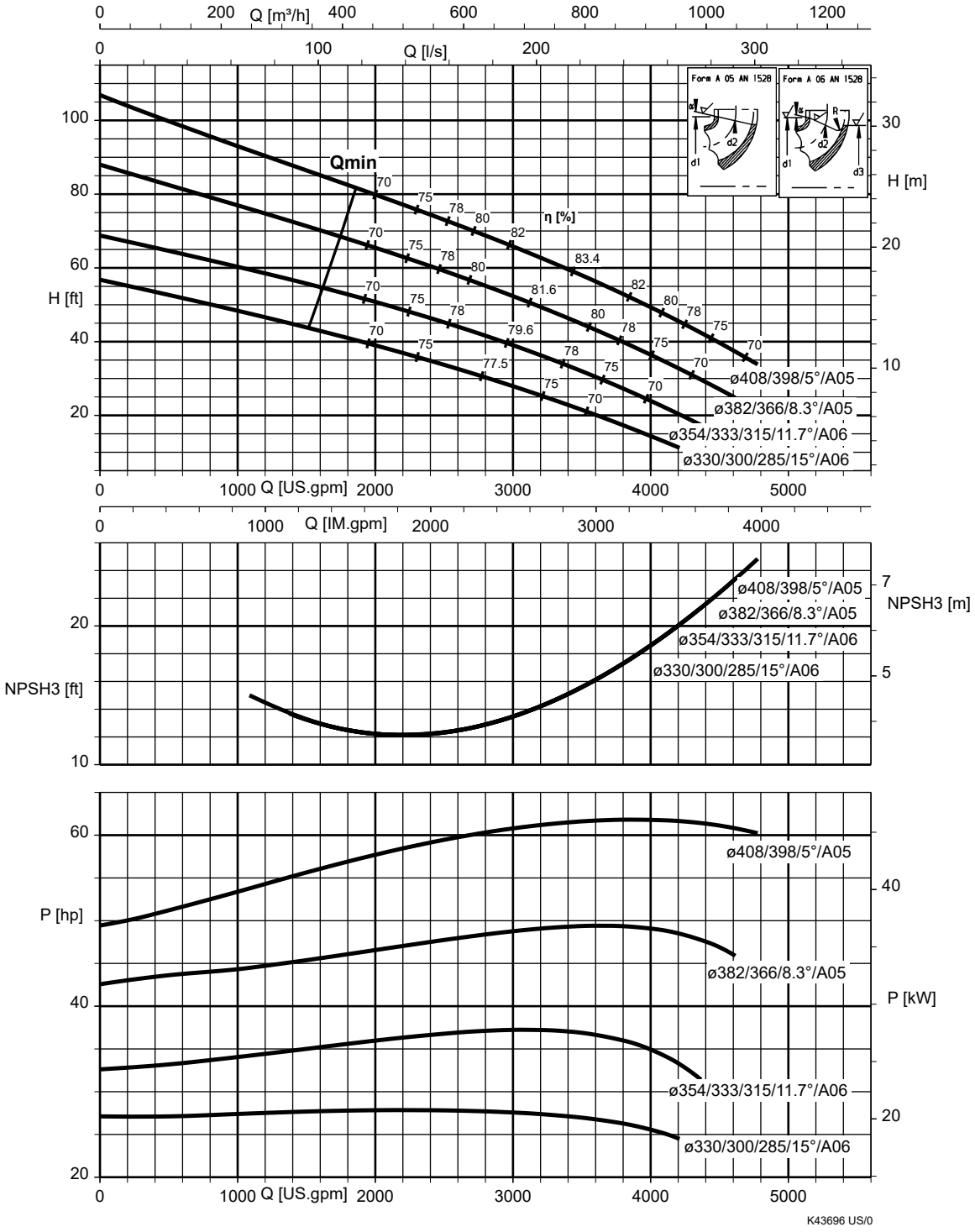
Free passage = 4 1/8 in [105 mm]

Table 111: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
306_F_	✗	✗	✗	-	-	-	-
316_E_	-	-	-	✗	✗	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	✗	✗
806_N_	✗	✗	-	✗	✗	✗	✗
1006_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 250-403, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



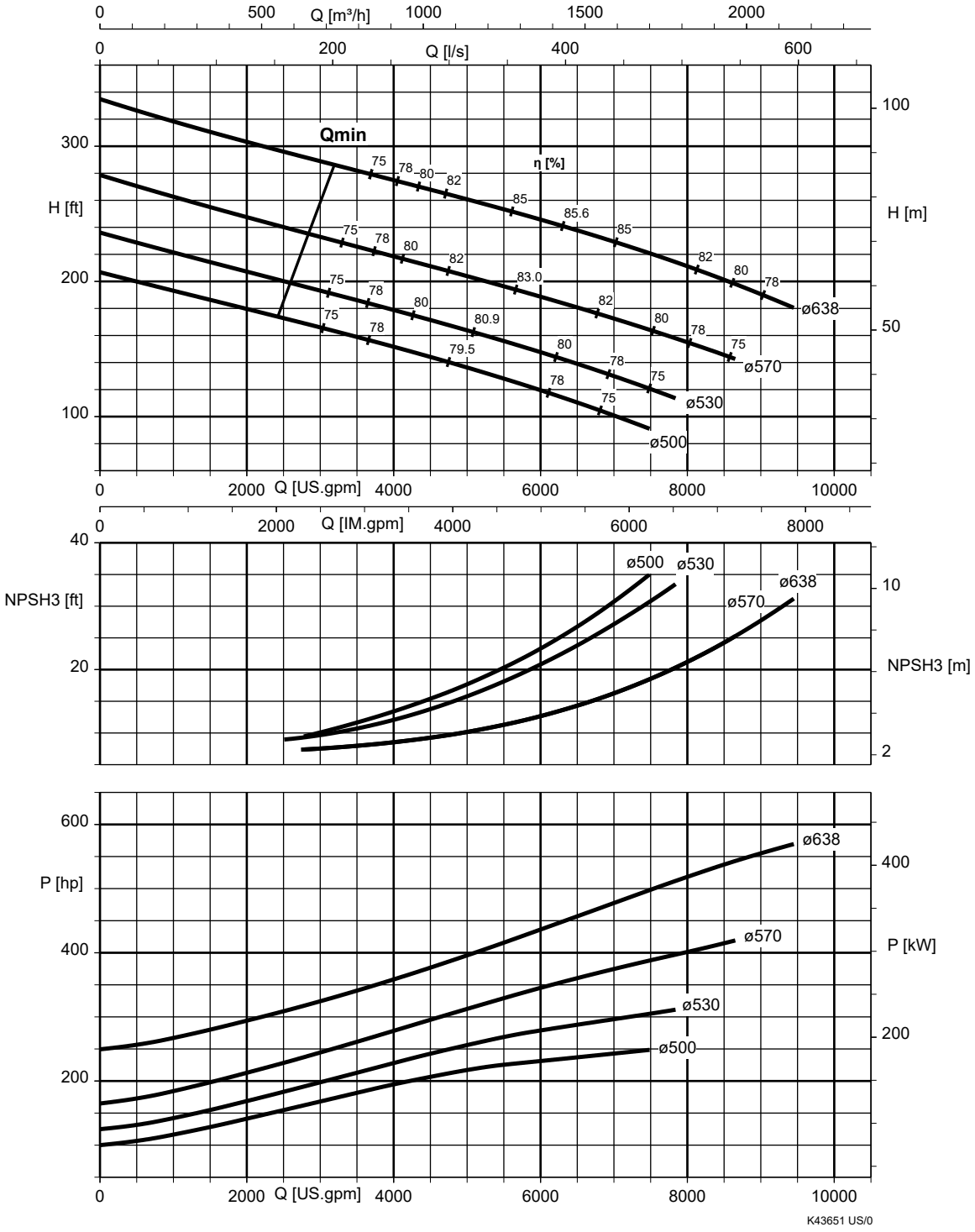
Free passage = 4 3/16 in [106 mm]

Table 112: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
226_E_	-	-	-	✗	✗	✗	✗
226_F_	✗	✗	✗	-	-	-	-
306_E_	-	-	-	✗	✗	✗	✗
306_F_	✗	✗	✗	-	-	-	-
316_E_	-	-	-	✗	✗	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	✗	✗
806_N_	✗	✗	-	✗	✗	✗	✗
1006_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 250-632, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



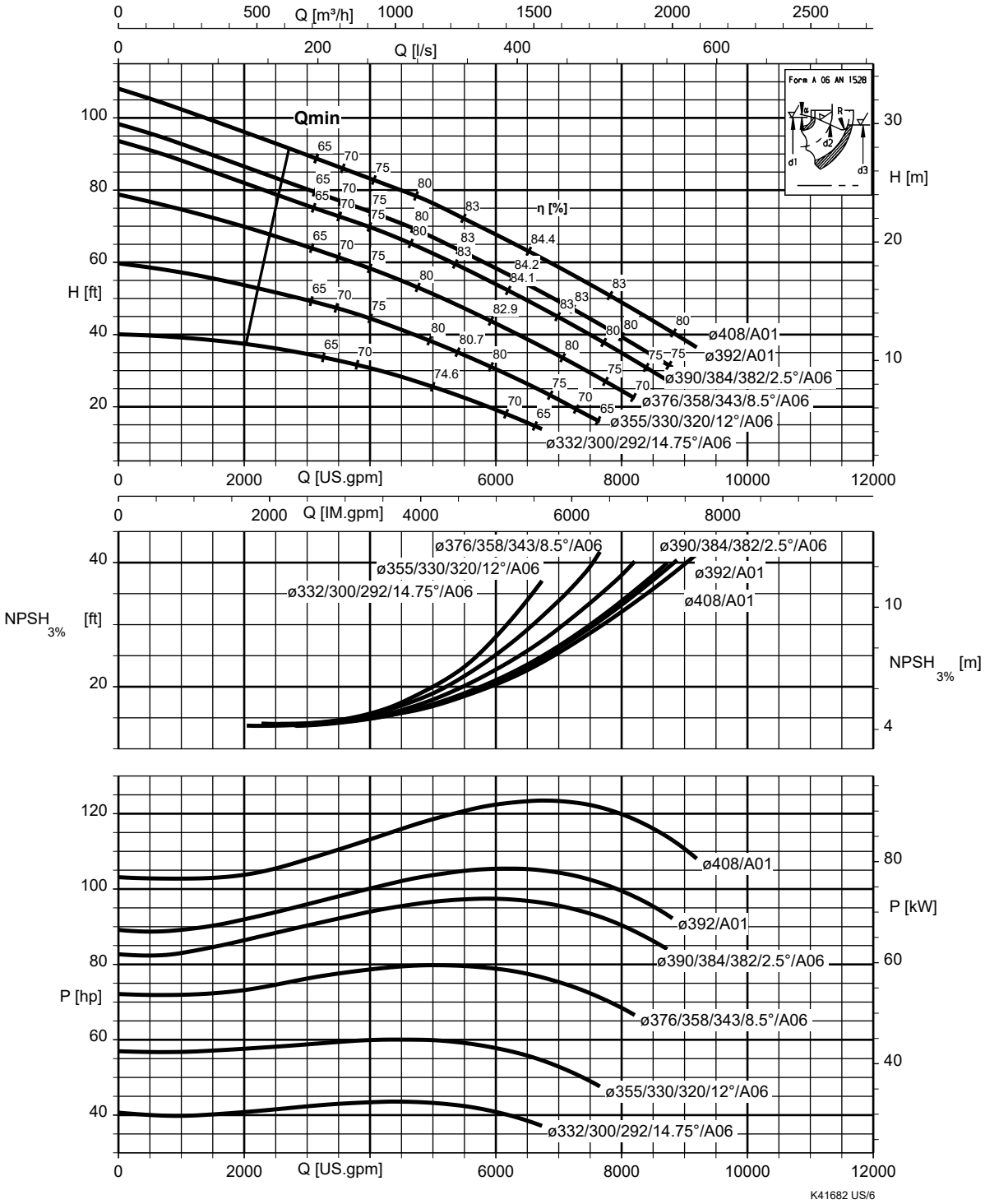
Free passage = 4 in [102 mm]

Table 113: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
1656_N_	✗	✗	-	-	✗
1906_N_	✗	✗	-	-	✗
2256_N_	✗	✗	-	-	✗
2606_N_	✗	✗	-	-	✗
3206_N_	✗	✗	-	-	✗
3606_N_	✗	✗	-	-	✗
4006_N_	✗	✗	-	-	✗
4406_N_	✗	✗	-	-	✗
4806_N_	✗	✗	-	-	✗

Amarex KRT K 300-400, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



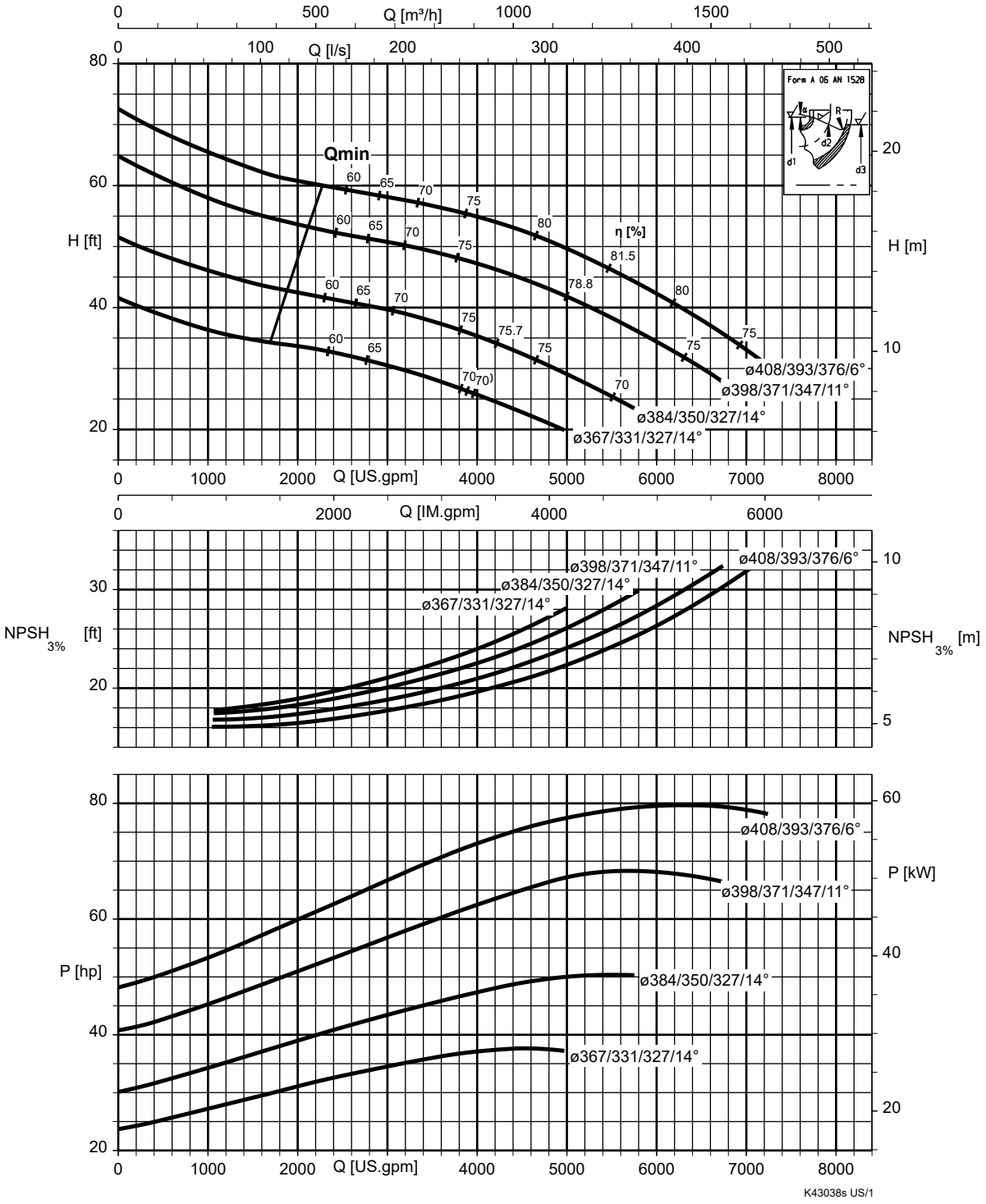
Free passage = 3 15/16 in [100 mm]

Table 114: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
316_E_	-	-	-	-	-	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	✗	✗
806_N_	✗	✗	-	✗	✗	✗	✗
1006_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 300-401, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



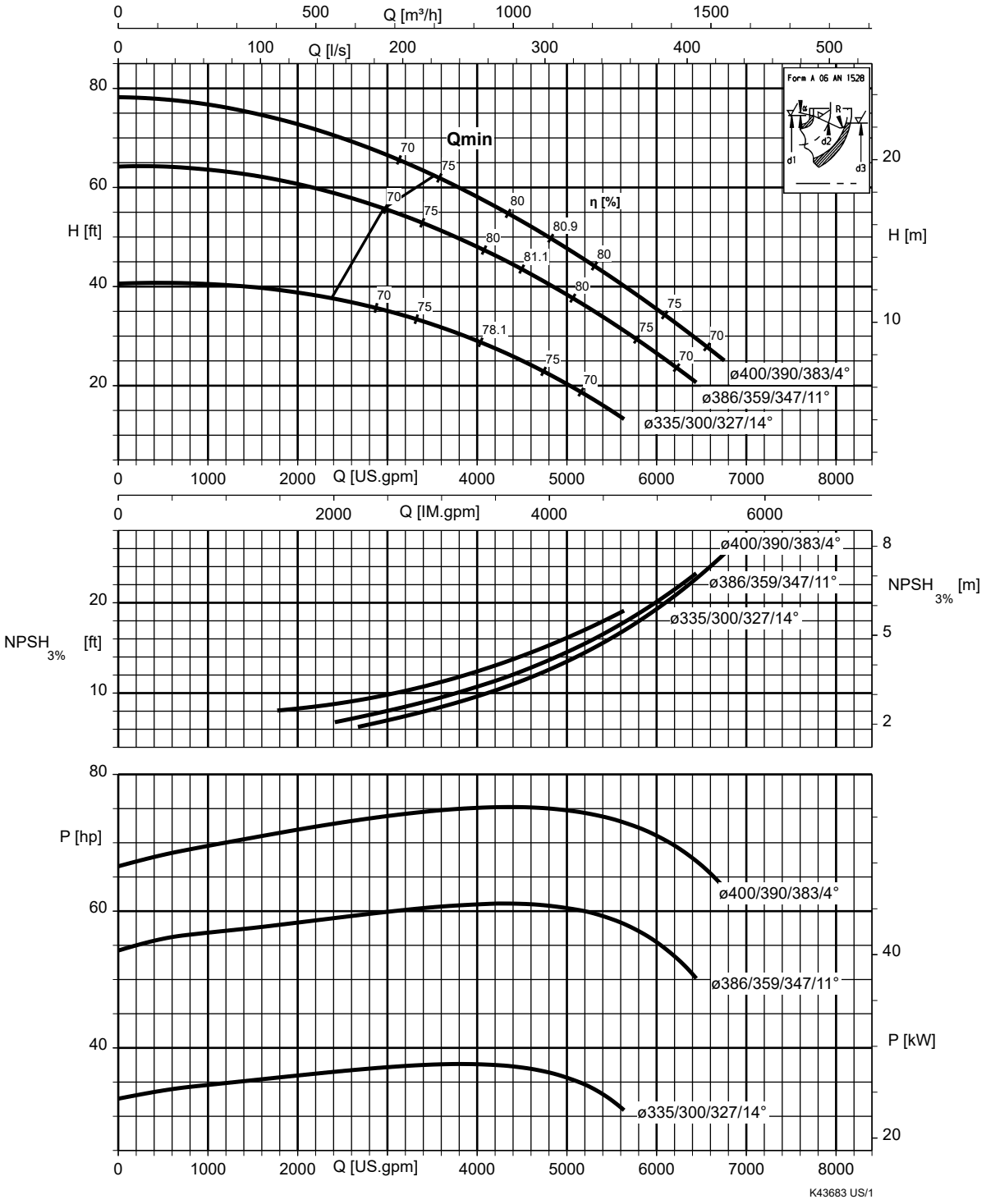
Free passage = 5 5/16 in [135 mm]

Table 115: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
316_E_	-	-	-	✗	✗	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	✗	✗
806_N_	✗	✗	-	✗	✗	✗	✗
1006_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 300-403, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



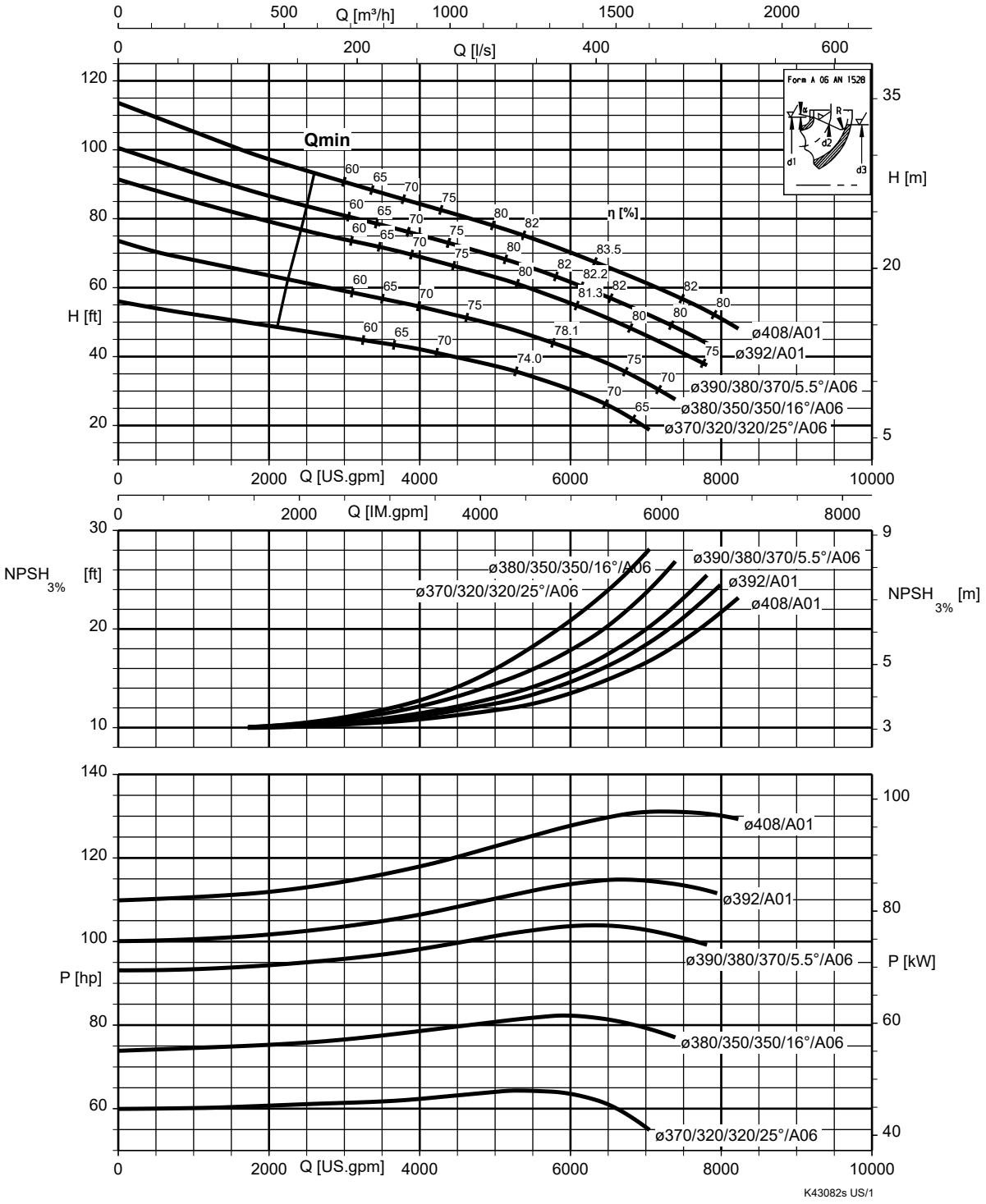
Free passage = 4 in [102 mm]

Table 116: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
306_E_	-	-	-	✗	✗	✗	✗
316_F_	✗	✗	✗	-	-	-	-
376_E_	-	-	-	✗	✗	✗	✗
376_F_	✗	✗	✗	-	-	-	-
456_E_	-	-	-	✗	✗	✗	✗
456_F_	✗	✗	✗	-	-	-	-
556_E_	-	-	-	✗	✗	✗	✗
556_F_	✗	✗	✗	-	-	-	-
606_N_	✗	✗	-	✗	✗	-	✗
806_N_	✗	✗	-	✗	✗	-	✗
1006_N_	✗	✗	-	✗	✗	-	✗

Amarex KRT K 300-420, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



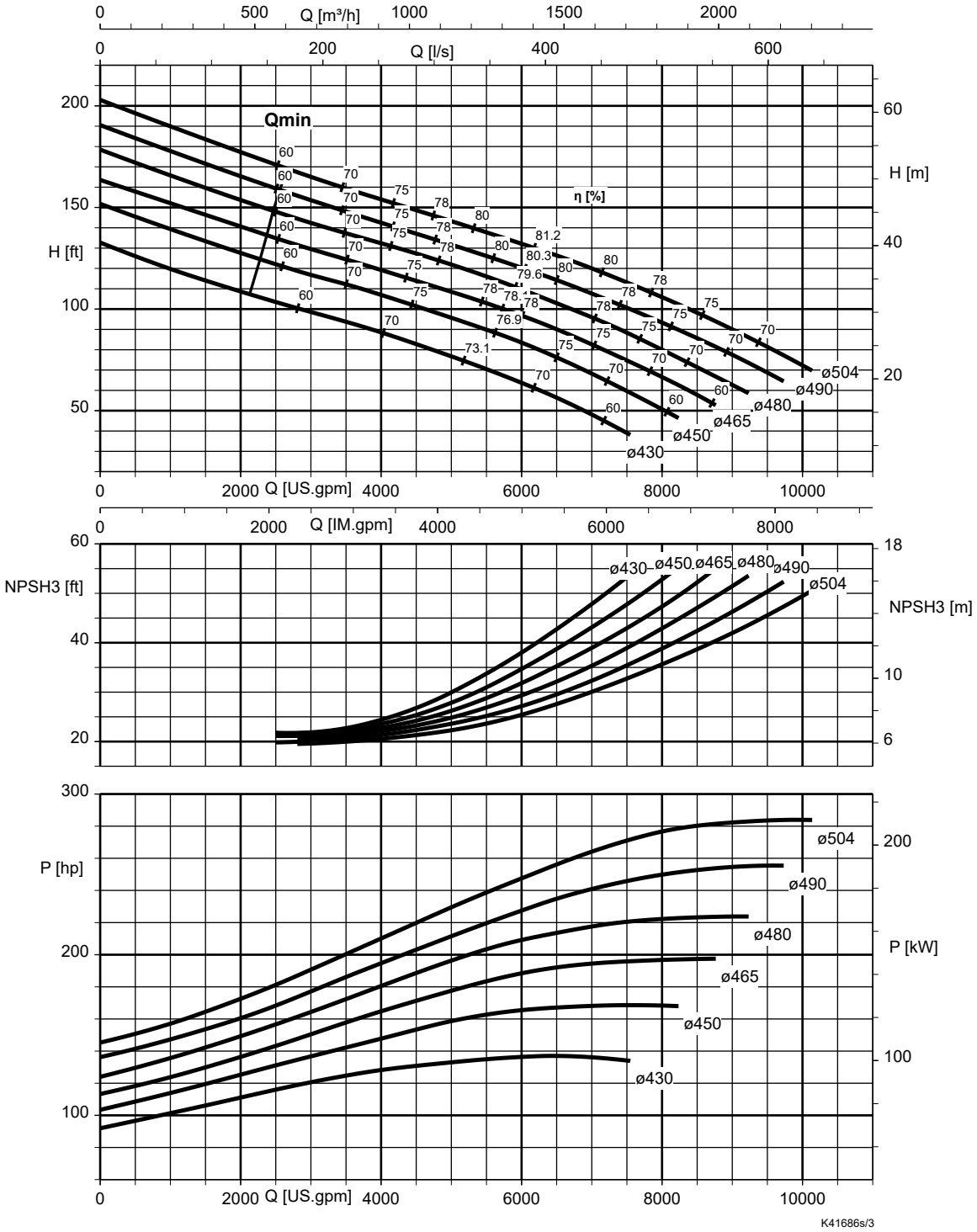
Free passage = 3 15/16 in [100 mm]

Table 117: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
606_N_	✗	✗	-	-	✗
806_N_	✗	✗	-	-	✗
1006_N_	✗	✗	-	-	✗
1206_N_	✗	✗	-	-	✗
1406_N_	✗	✗	-	-	✗

Amarex KRT K 300-500, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



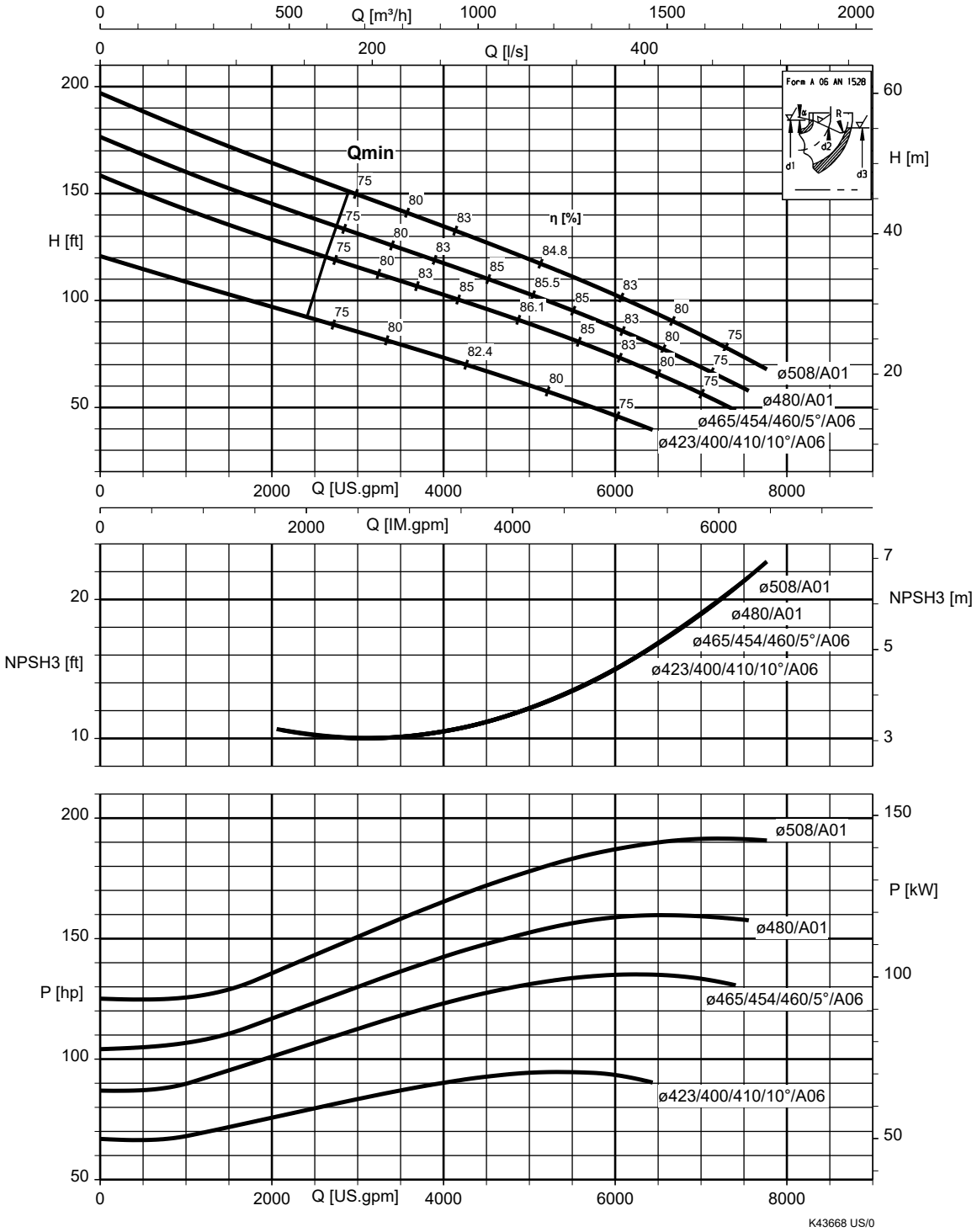
Free passage = 3 9/16 in [90 mm]

Table 118: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
1206_N_	✗	✗	-	-	✗	-	✗
1406_N_	✗	✗	-	-	✗	-	✗
1656_N_	✗	✗	-	-	✗	-	✗
1906_N_	✗	✗	-	-	✗	-	✗
2256_N_	✗	✗	-	-	✗	-	✗
2606_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 300-505, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 4 in [102 mm]

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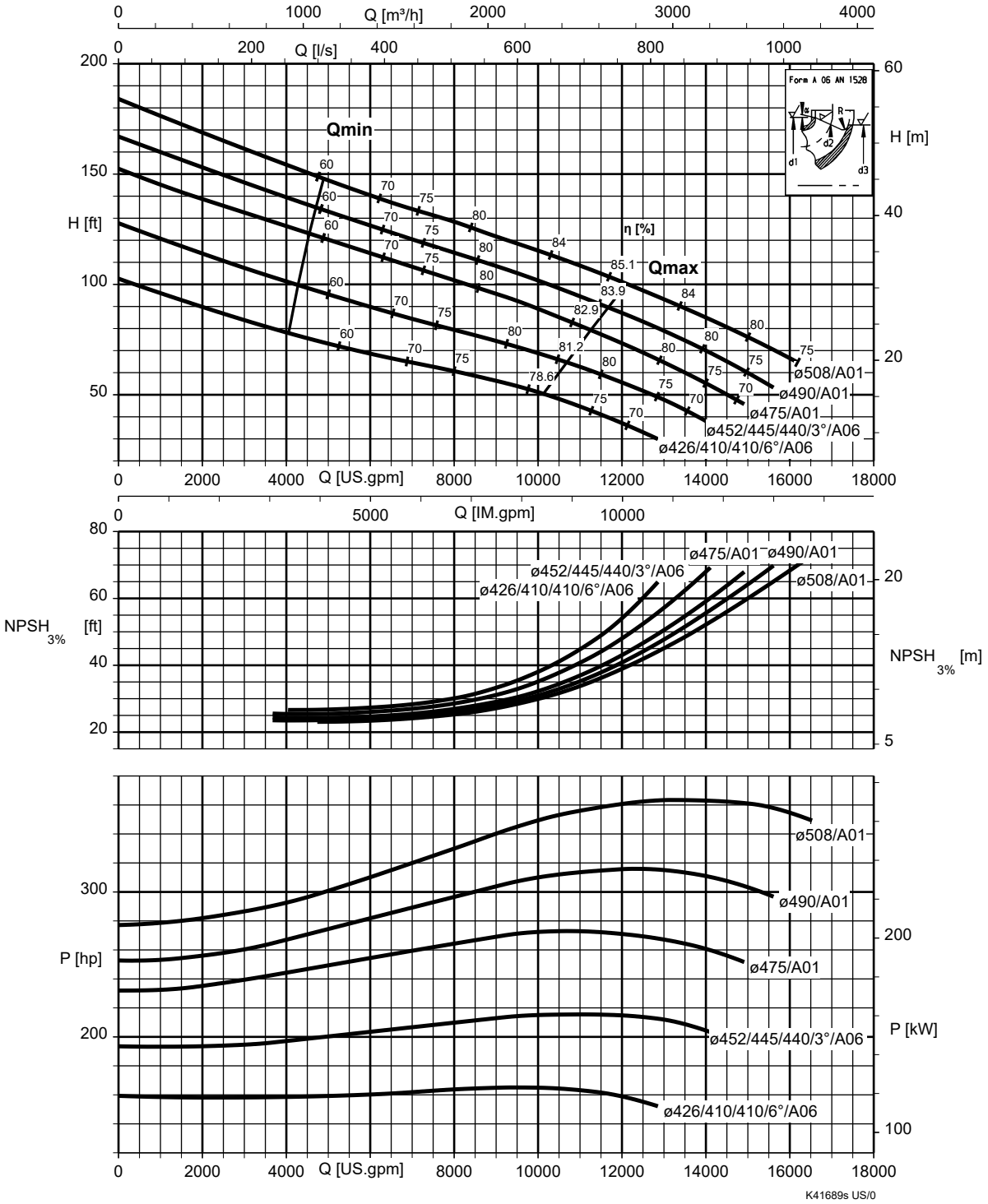
Table 119: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
606_N_	✗	✗	-	-	✗
806_N_	✗	✗	-	-	✗
1006_N_	✗	✗	-	-	✗
1206_N_	✗	✗	-	-	✗
1406_N_	✗	✗	-	-	✗
1656_N_	✗	✗	-	-	✗
1906_N_	✗	✗	-	-	✗
2256_N_	✗	✗	-	-	✗
2606_N_	✗	✗	-	-	✗

Amarex KRT K 350-500, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



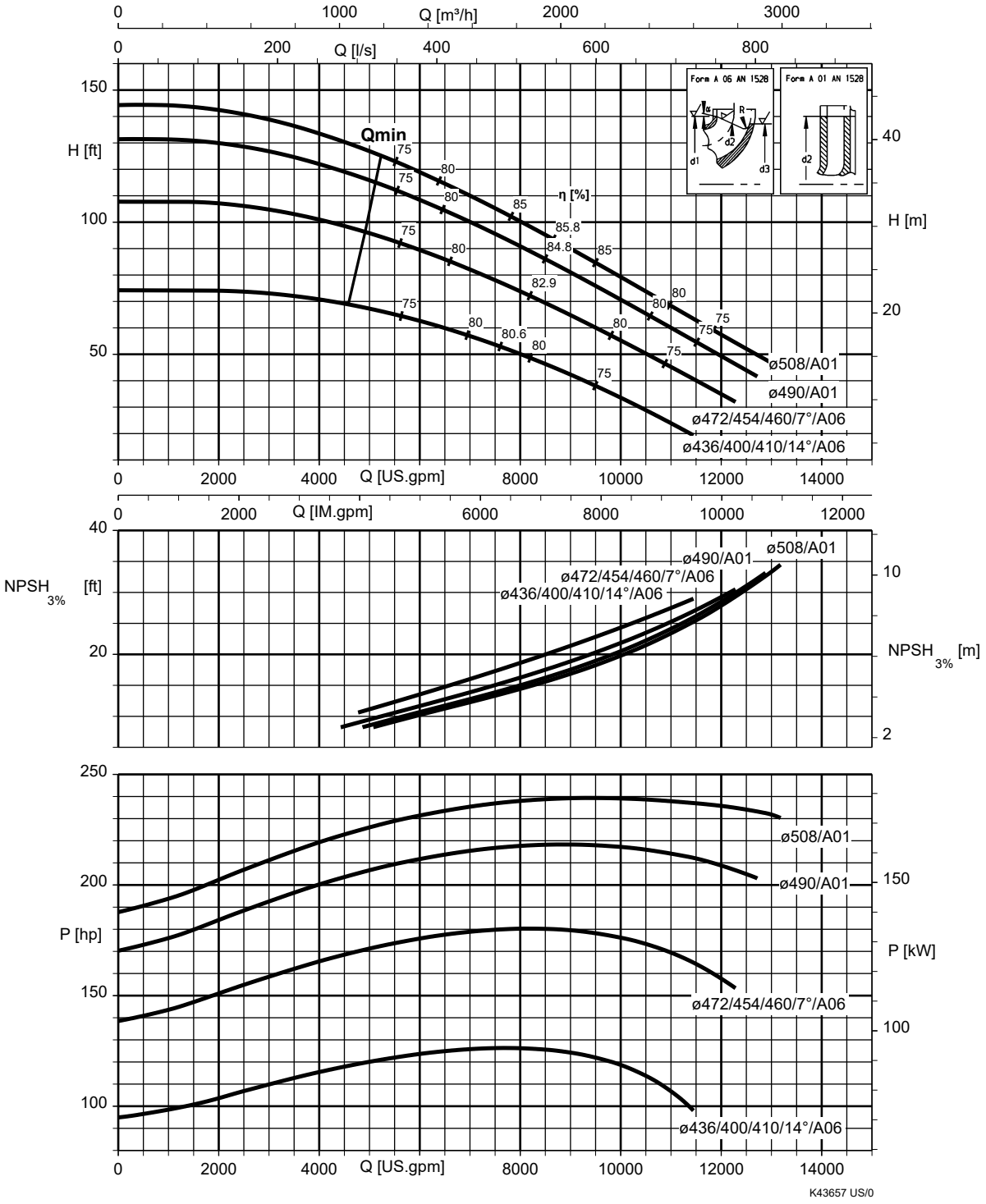
Free passage = 4 5/16 in [110 mm]

Table 120: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
1406_N_	✗	✗	-	-	✗	-	-
1656_N_	✗	✗	-	-	✗	-	✗
1906_N_	✗	✗	-	-	✗	-	✗
2256_N_	✗	✗	-	-	✗	-	✗
2606_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 350-503, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



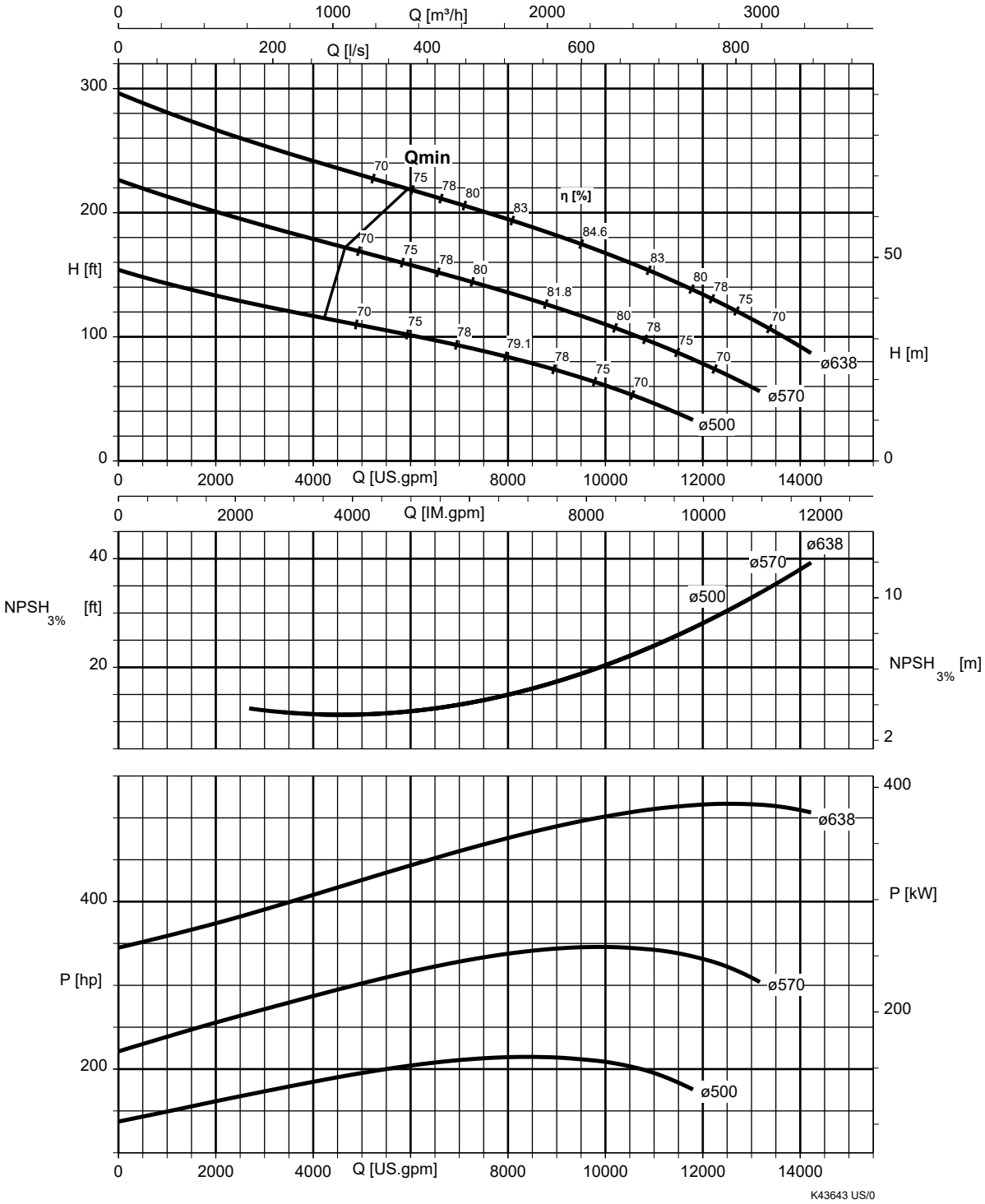
Free passage = 5 1/2 in [140 mm]

Table 121: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
1006_N_	✗	✗	-	-	✗
1206_N_	✗	✗	-	-	✗
1406_N_	✗	✗	-	-	✗
1656_N_	✗	✗	-	-	✗
1906_N_	✗	✗	-	-	✗
2256_N_	✗	✗	-	-	✗
2606_N_	✗	✗	-	-	✗

Amarex KRT K 350-633, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



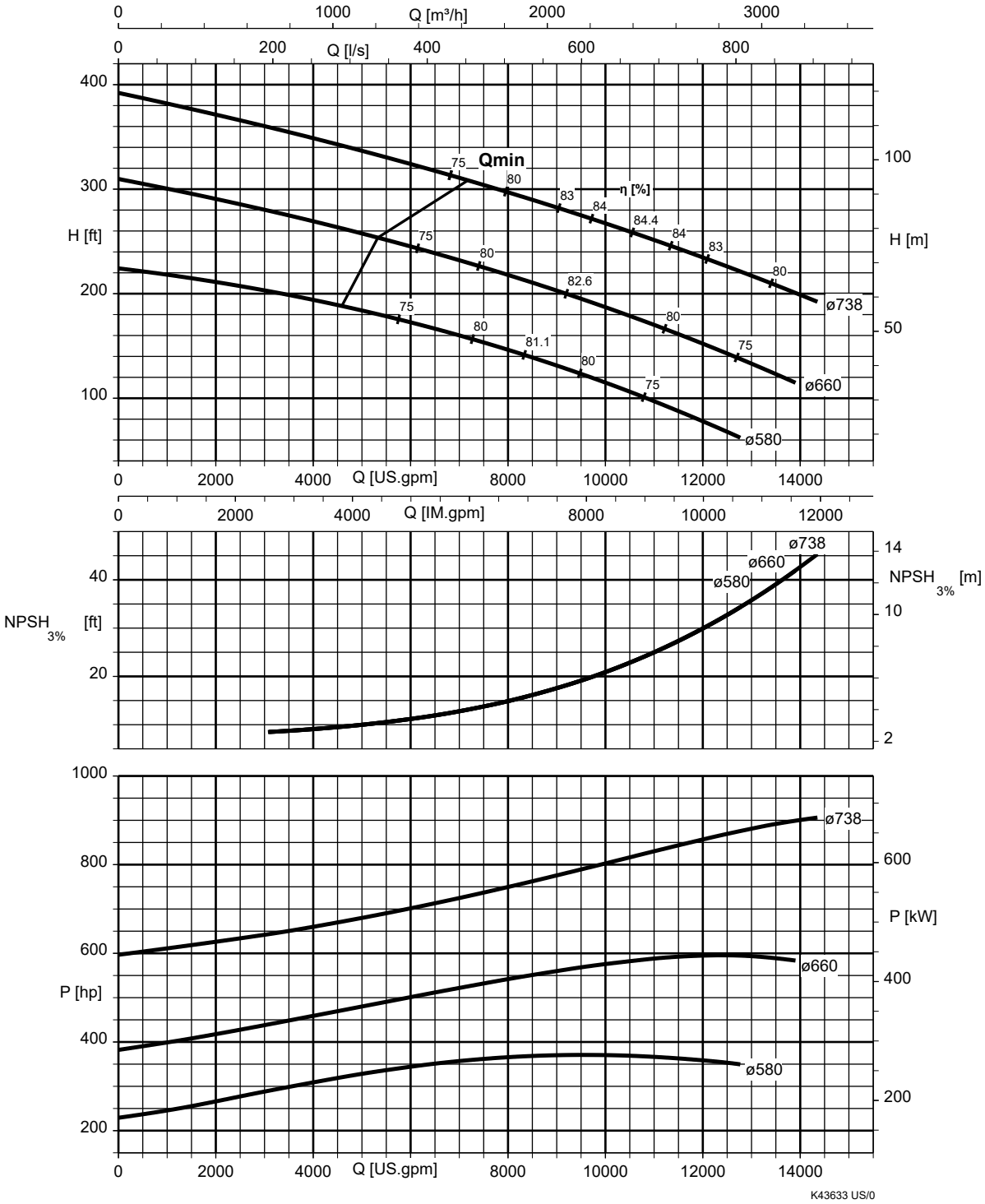
Free passage = 5 5/16 in [135 mm]

Table 122: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
1656_N_	✗	✗	-	-	✗
1906_N_	✗	✗	-	-	✗
2256_N_	✗	✗	-	-	✗
2606_N_	✗	✗	-	-	✗
3206_N_	✗	✗	-	-	✗
3606_N_	✗	✗	-	-	✗
4006_N_	✗	✗	-	-	✗
4406_N_	✗	✗	-	-	✗
4806_N_	✗	✗	-	-	✗

Amarex KRT K 350-713, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



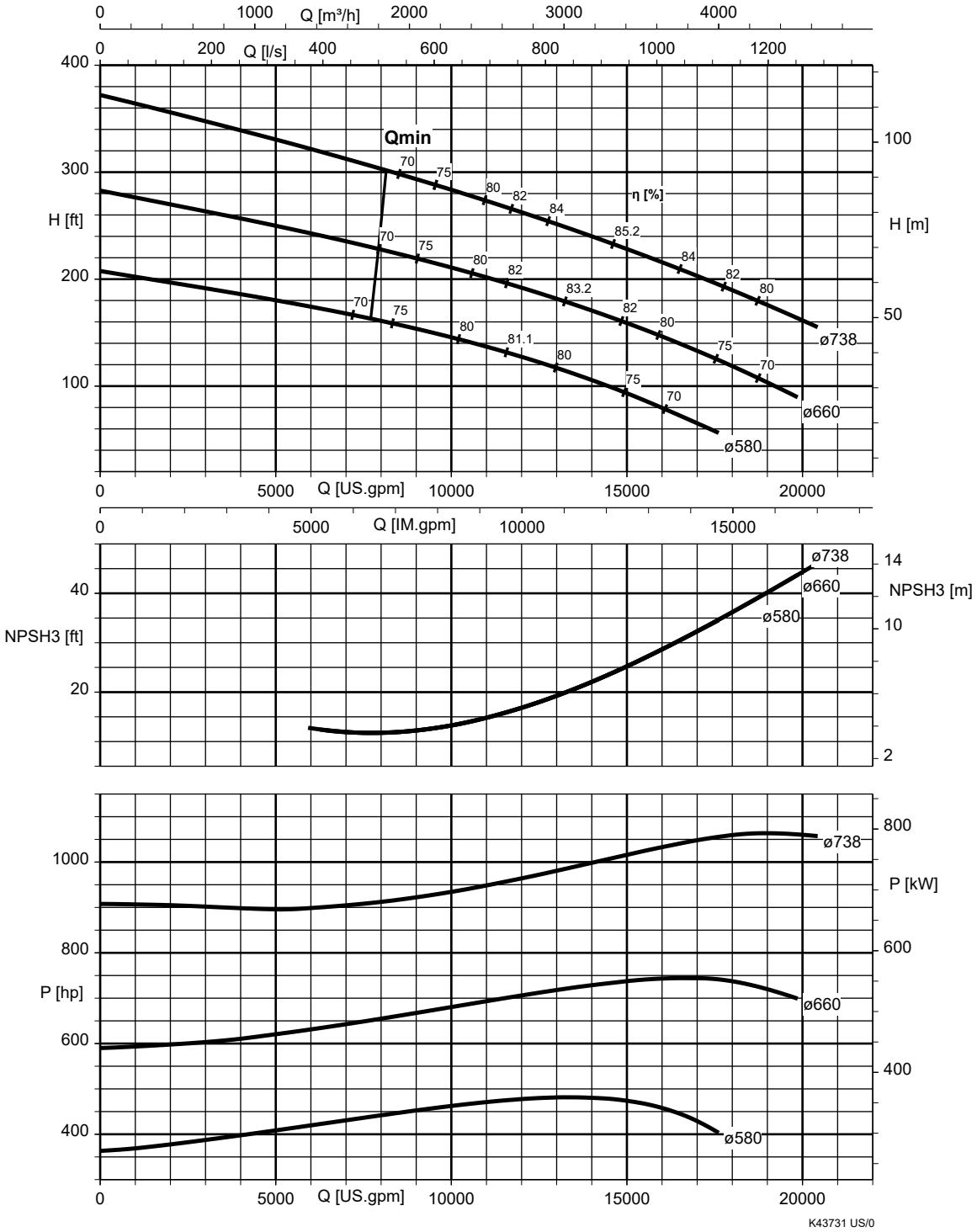
Free passage = 4 15/16 in [125 mm]

Table 123: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
2606_N_	✗	✗	-	-	✗
3206_N_	✗	✗	-	-	✗
3606_N_	✗	✗	-	-	✗
4006_N_	✗	✗	-	-	✗
4406_N_	✗	✗	-	-	✗
4806_N_	✗	✗	-	-	✗
5306_N_	✗	✗	-	-	✗
5806_N_	✗	✗	-	-	✗
6306_N_	✗	✗	-	-	✗
6906_N_	✗	✗	-	-	✗

Amarex KRT K 401-713, n = 1160 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



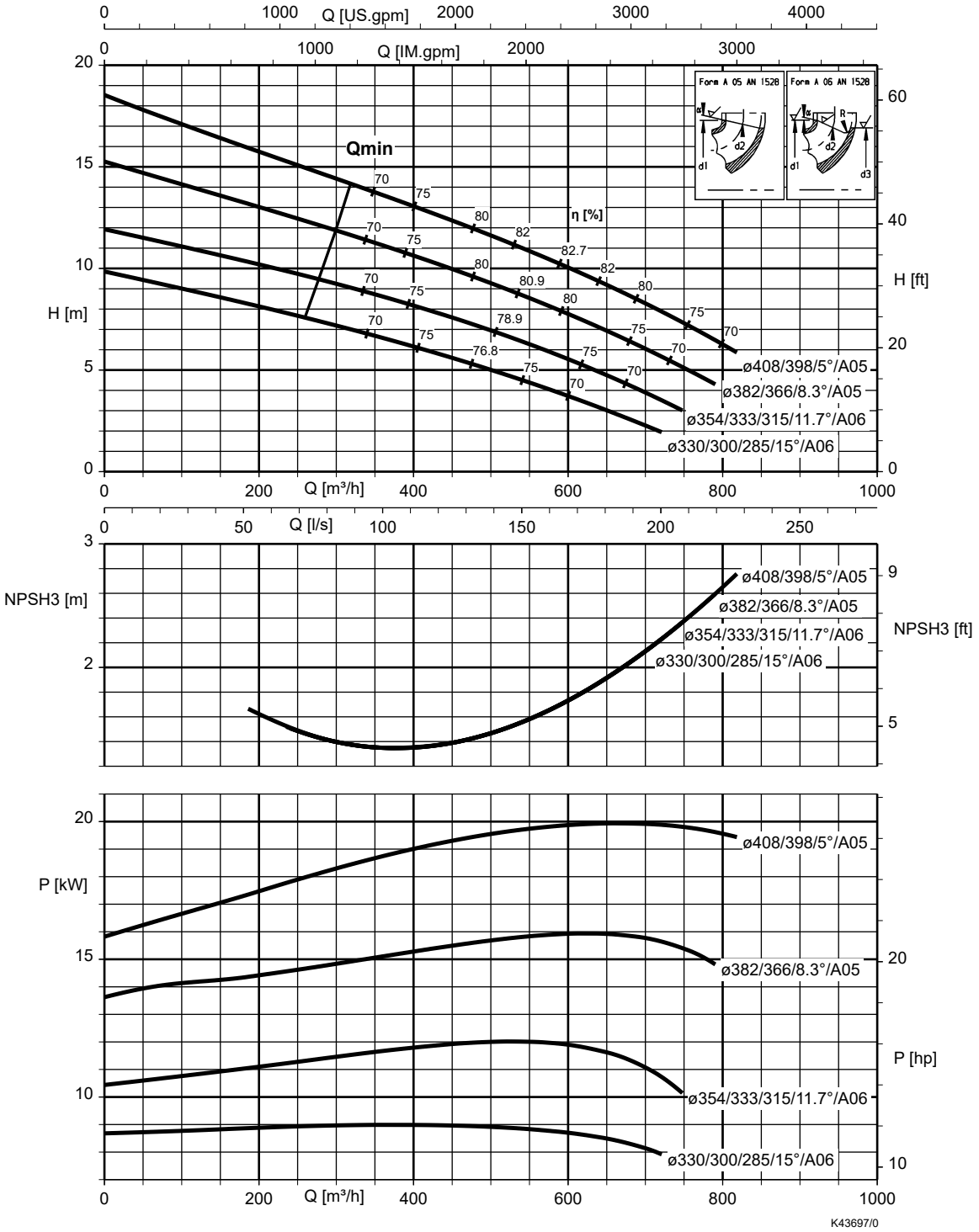
Free passage = 5 3/4 in [145 mm]

Table 124: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
3606_N_	✗	✗	-	-	✗
4006_N_	✗	✗	-	-	✗
4406_N_	✗	✗	-	-	✗
4806_N_	✗	✗	-	-	✗
5306_N_	✗	✗	-	-	✗
5806_N_	✗	✗	-	-	✗
6306_N_	✗	✗	-	-	✗
6906_N_	✗	✗	-	-	✗
7706_N_	-	-	-	-	✗
8506_N_	-	-	-	-	✗

Amarex KRT K 250-403, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



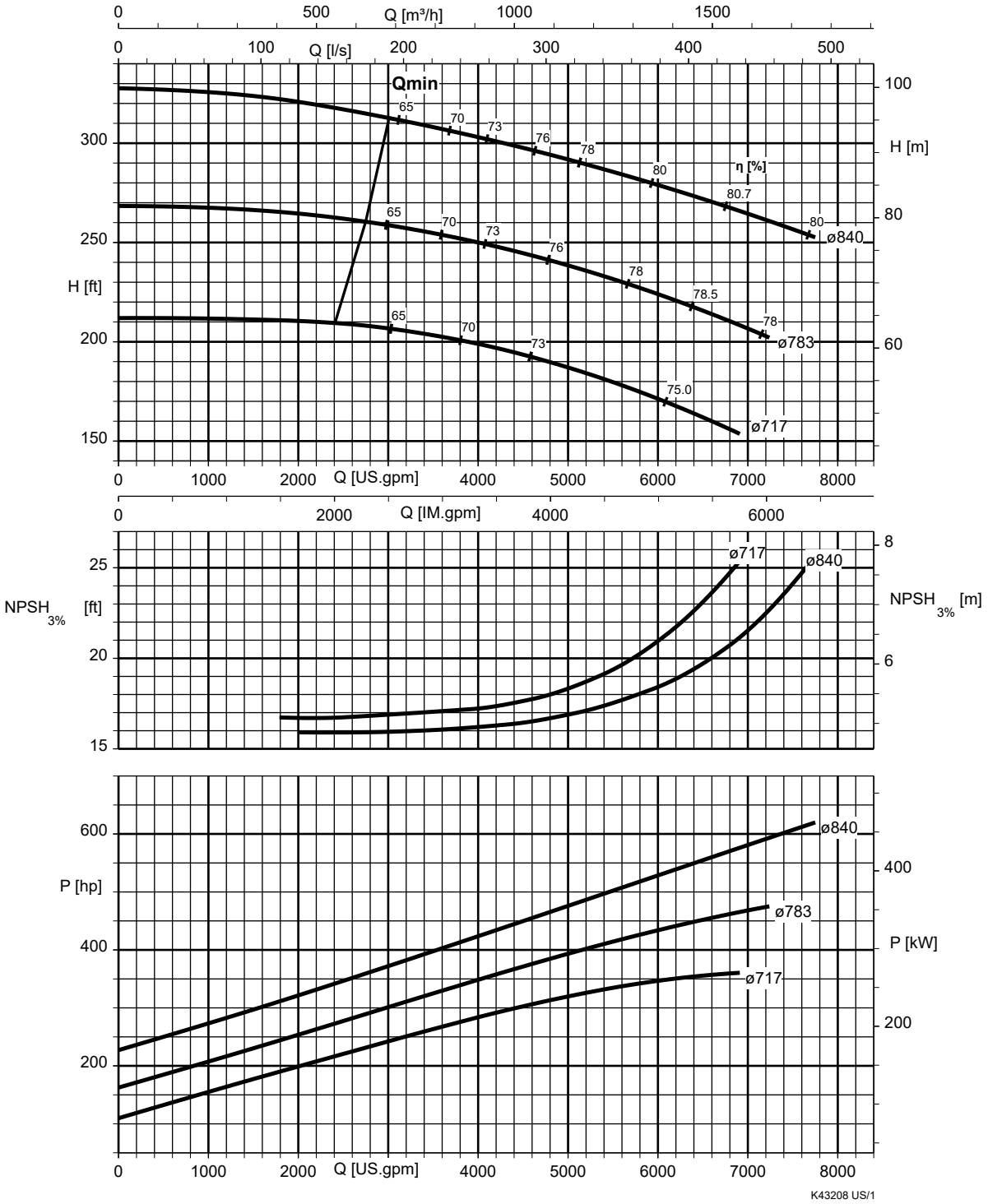
Free passage = 4 3/16 in [106 mm]

Table 125: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
118_E_	-	-	-	✗	✗
158_E_	-	-	-	✗	✗
158_F_	✗	✗	✗	-	-
188_E_	-	-	-	✗	✗
188_F_	✗	✗	✗	-	-
228_E_	-	-	-	✗	✗
228_F_	✗	✗	✗	-	-
308_E_	-	-	-	✗	✗
308_F_	✗	✗	✗	-	-
378_E_	-	-	-	✗	✗
458_E_	-	-	-	✗	✗

Amarex KRT K 250-900, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



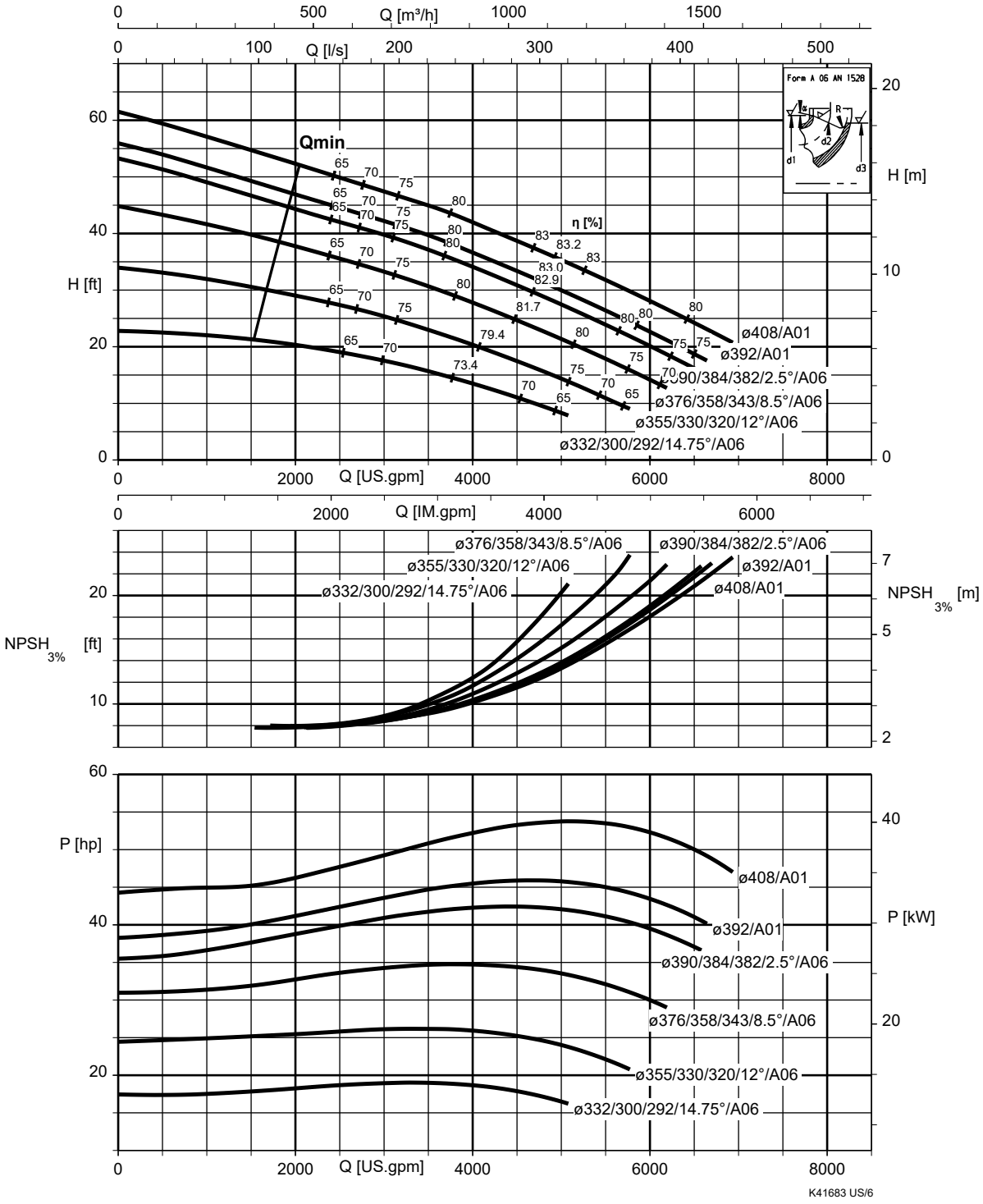
Free passage = 4 5/16 in [110 mm]

Table 126: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
2608_N_	✗	✗	-	-	✗
3008_N_	✗	✗	-	-	✗
3508_N_	✗	✗	-	-	✗
4008_N_	✗	✗	-	-	✗
4608_N_	✗	✗	-	-	✗
5308_N_	✗	✗	-	-	✗
5808_N_	✗	✗	-	-	✗
6308_N_	✗	✗	-	-	✗

Amarex KRT K 300-400, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



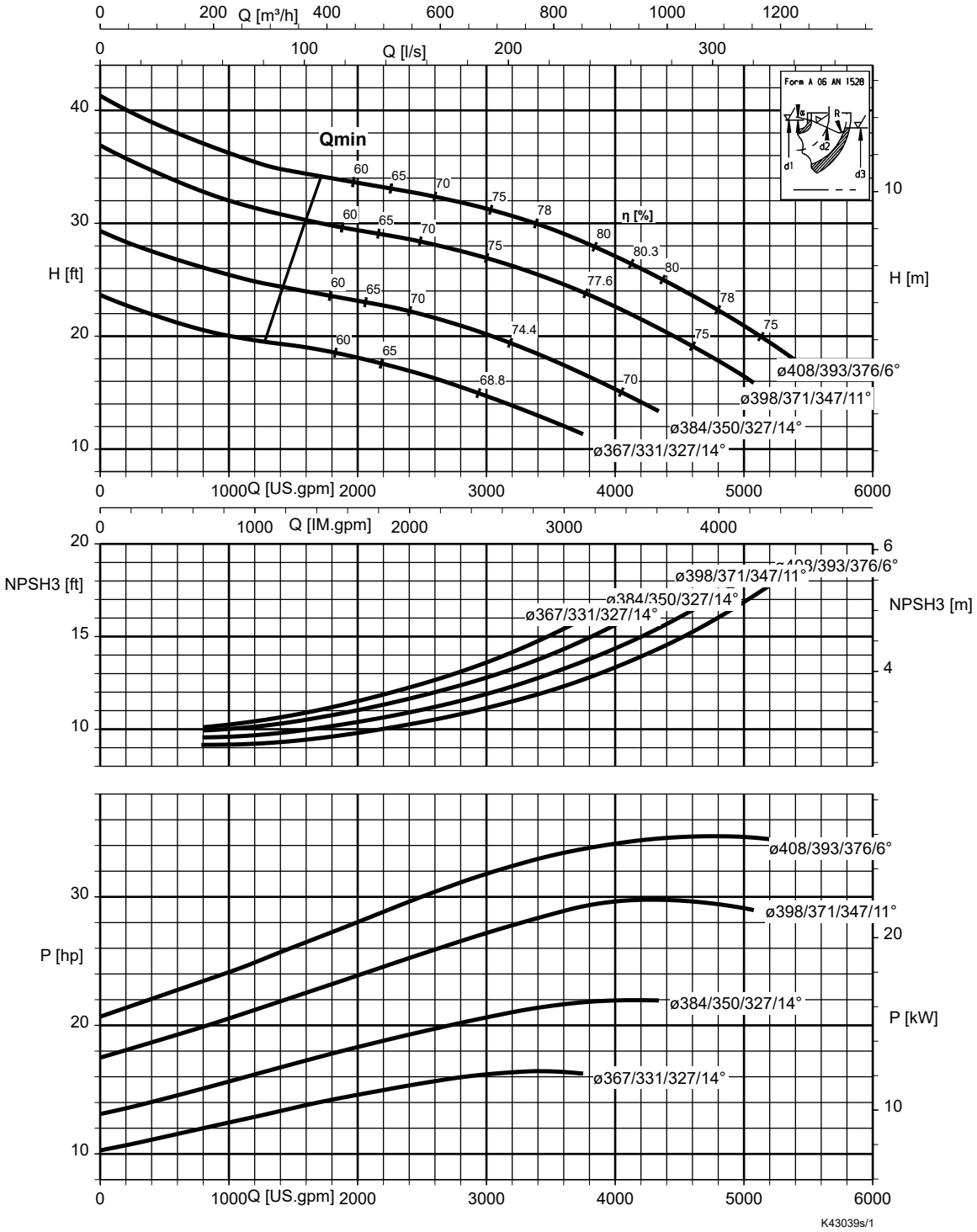
Free passage = 3 15/16 in [100 mm]

Table 127: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
118_E_	-	-	-	✗	✗	-	-
158_E_	-	-	-	✗	✗	-	-
158_F_	✗	✗	✗	-	-	-	-
188_E_	-	-	-	✗	✗	✗	✗
188_F_	✗	✗	✗	-	-	-	-
228_E_	-	-	-	✗	✗	✗	✗
228_F_	✗	✗	✗	-	-	-	-
308_E_	-	-	-	✗	✗	✗	✗
308_F_	✗	✗	✗	-	-	-	-
378_E_	-	-	-	✗	✗	✗	✗
378_F_	✗	✗	✗	-	-	-	-
458_E_	-	-	-	✗	✗	✗	✗
458_F_	✗	✗	✗	-	-	-	-
508_N_	✗	✗	-	✗	✗	✗	✗

Amarex KRT K 300-401, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 5/16 in [135 mm]

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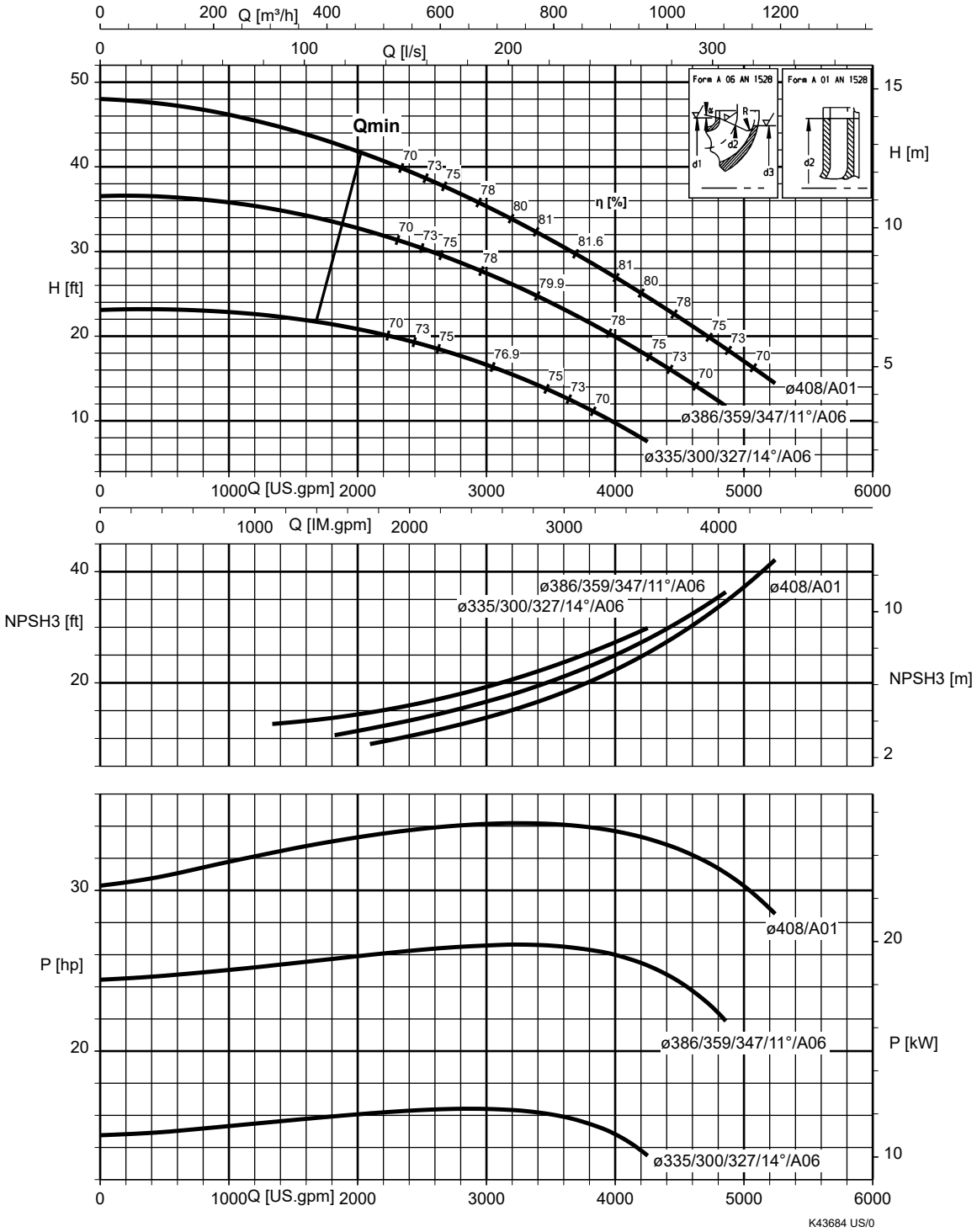
Table 128: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
118_E_	-	-	-	✗	✗	-	-
158_E_	-	-	-	✗	✗	-	-
158_F_	✗	✗	✗	-	-	-	-
188_E_	-	-	-	✗	✗	✗	✗
188_F_	✗	✗	✗	-	-	-	-
228_E_	-	-	-	✗	✗	✗	✗
228_F_	✗	✗	✗	-	-	-	-
308_E_	-	-	-	✗	✗	✗	✗
308_F_	✗	✗	✗	-	-	-	-
378_E_	-	-	-	✗	✗	✗	✗
378_F_	✗	✗	✗	-	-	-	-
458_E_	-	-	-	✗	✗	✗	✗
458_F_	✗	✗	✗	-	-	-	-

Amarex KRT K 300-403, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



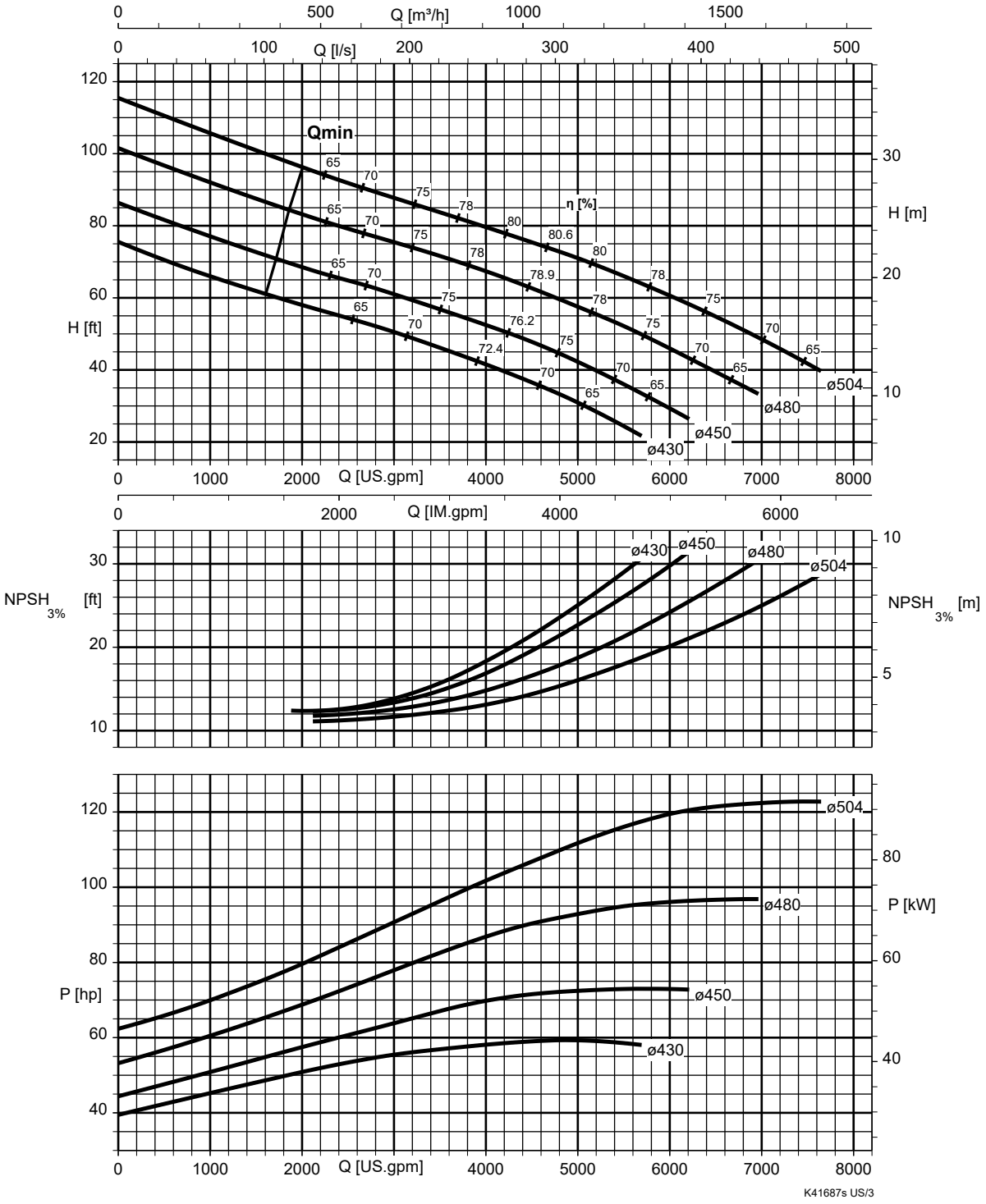
Free passage = 4 in [102 mm]

Table 129: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
118_E_	-	-	-	✗	✗	✗	✗
158_E_	-	-	-	✗	✗	✗	✗
158_F_	✗	✗	✗	-	-	-	-
188_E_	-	-	-	✗	✗	✗	✗
188_F_	✗	✗	✗	-	-	-	-
228_E_	-	-	-	✗	✗	✗	✗
228_F_	✗	✗	✗	-	-	-	-
308_E_	-	-	-	✗	✗	✗	✗
308_F_	✗	✗	✗	-	-	-	-
378_E_	-	-	-	✗	✗	✗	✗
378_F_	✗	✗	✗	-	-	-	-
458_E_	-	-	-	✗	✗	✗	✗
458_F_	✗	✗	✗	-	-	-	-
508_N_	✗	✗	-	-	✗	-	-
658_N_	-	-	-	✗	✗	✗	✗
758_N_	✗	✗	-	-	✗	-	-

Amarex KRT K 300-500, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



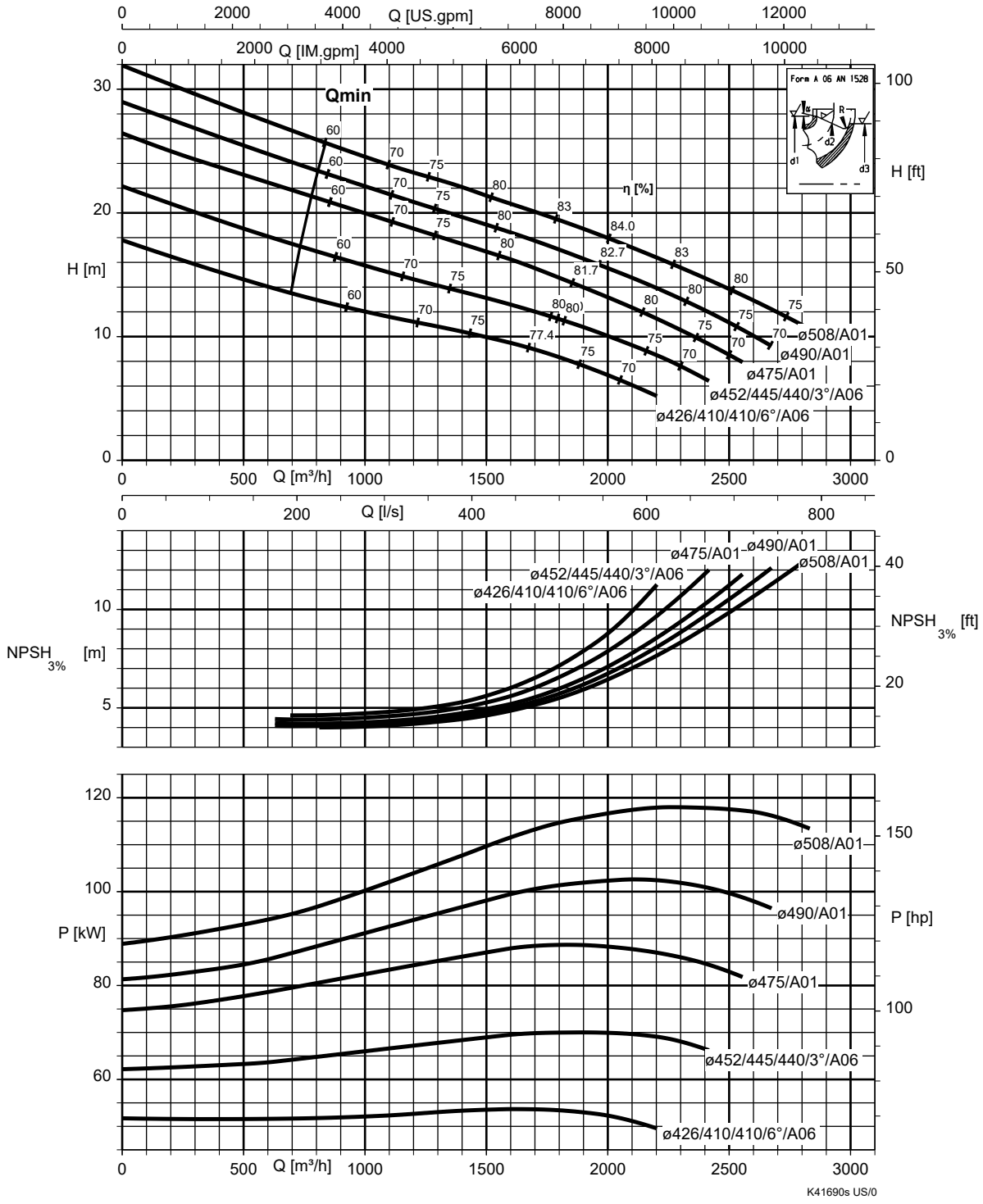
Free passage = 3 9/16 in [90 mm]

Table 130: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
508_N_	✗	✗	-	-	✗	-	✗
658_N_	-	-	-	-	✗	-	✗
758_N_	✗	✗	-	-	✗	-	✗
908_N_	✗	✗	-	-	✗	-	✗
1108_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 350-500, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



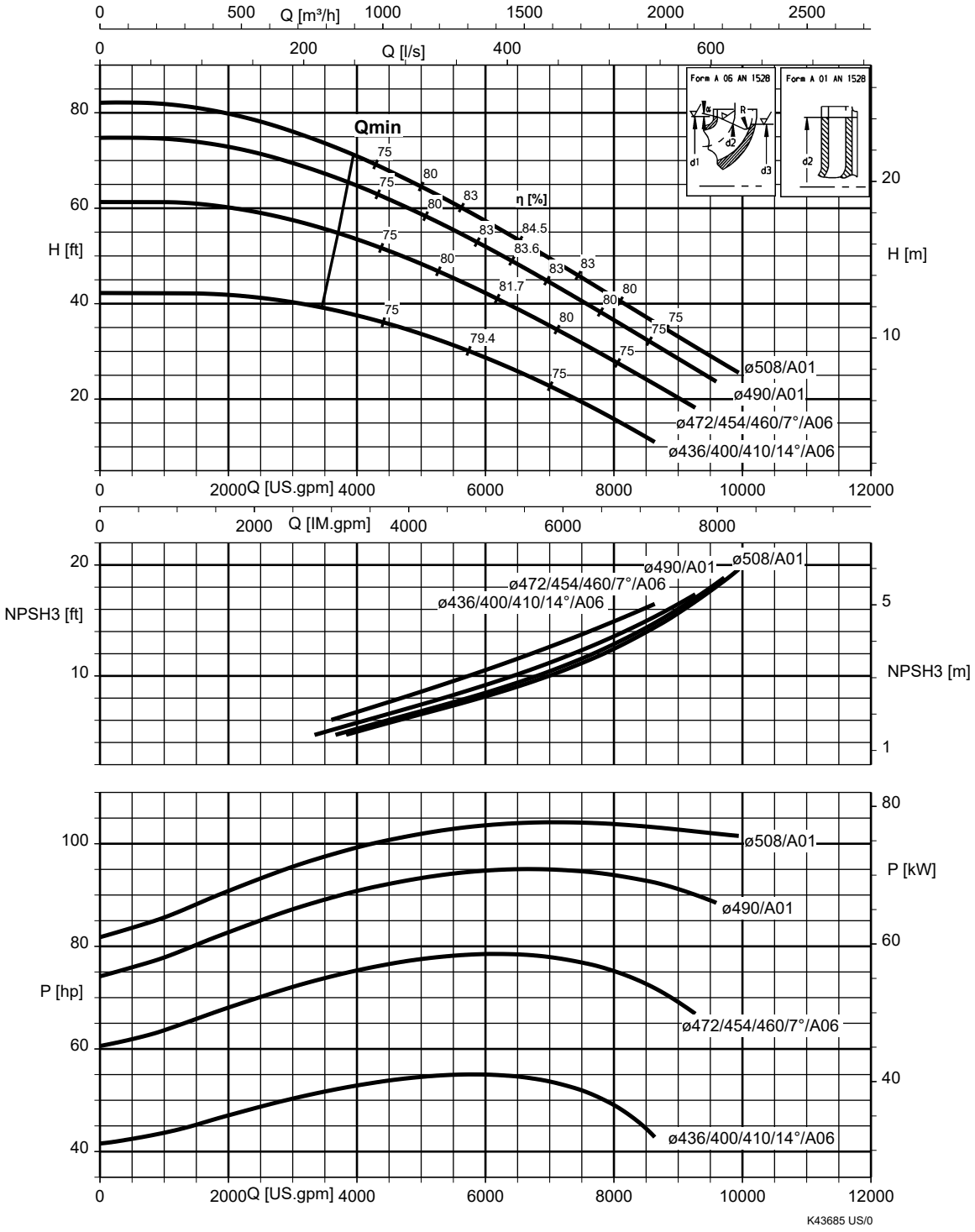
Free passage = 4 5/16 in [110 mm]

Table 131: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
758_N_	✗	✗	-	-	✗	-	✗
908_N_	✗	✗	-	-	✗	-	✗
1108_N_	✗	✗	-	-	✗	-	✗
1308_N_	✗	✗	-	-	✗	-	✗
1508_N_	✗	✗	-	-	✗	-	✗
1858_N_	-	-	-	-	-	-	✗

Amarex KRT K 350-503, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



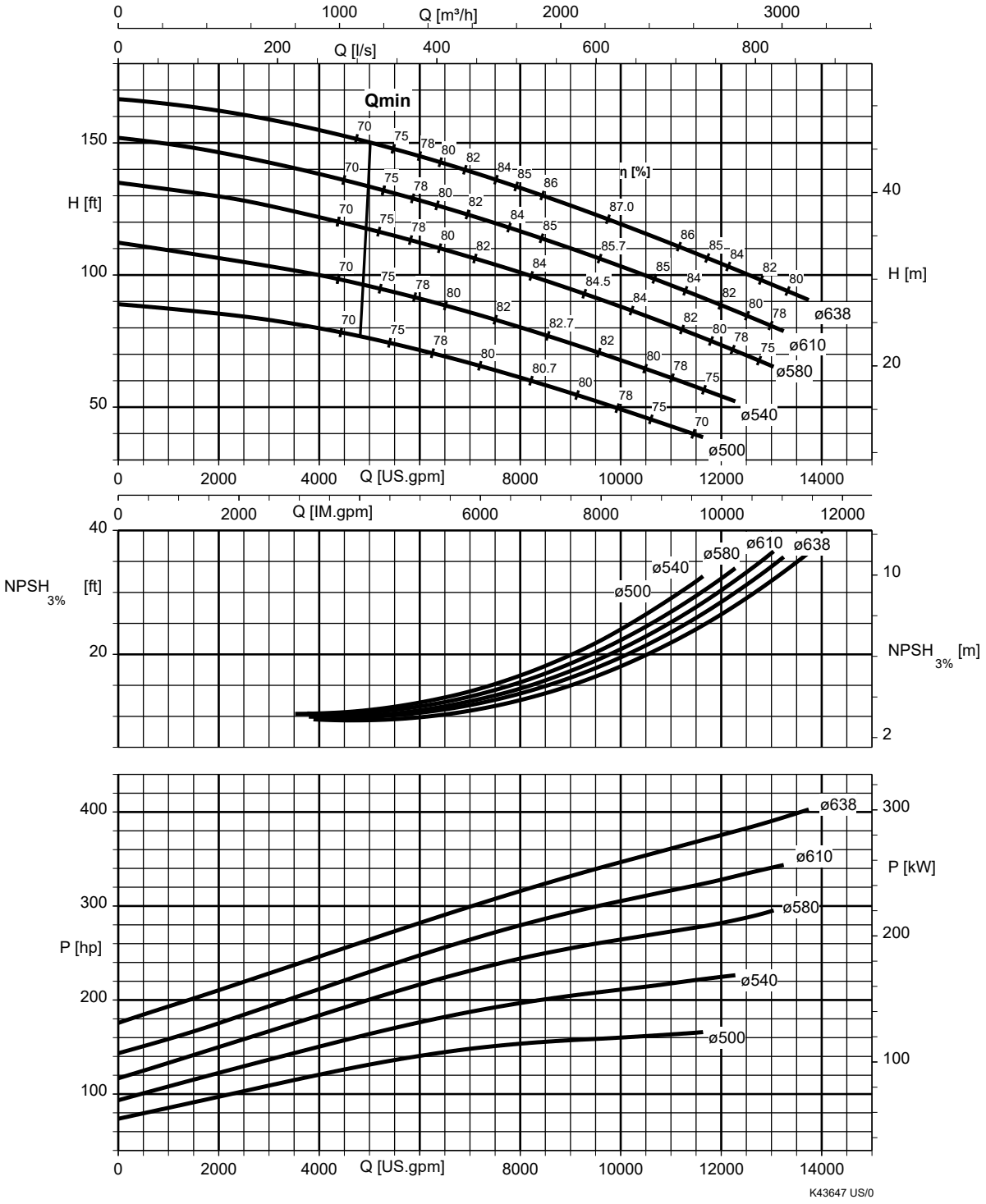
Free passage = 5 1/2 in [140 mm]

Table 132: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
508_N_	✗	✗	-	-	✗
658_N_	-	-	-	-	✗
758_N_	✗	✗	-	-	✗
908_N_	✗	✗	-	-	✗
1108_N_	✗	✗	-	-	✗
1308_N_	✗	✗	-	-	✗
1508_N_	✗	✗	-	-	✗

Amarex KRT K 350-632, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



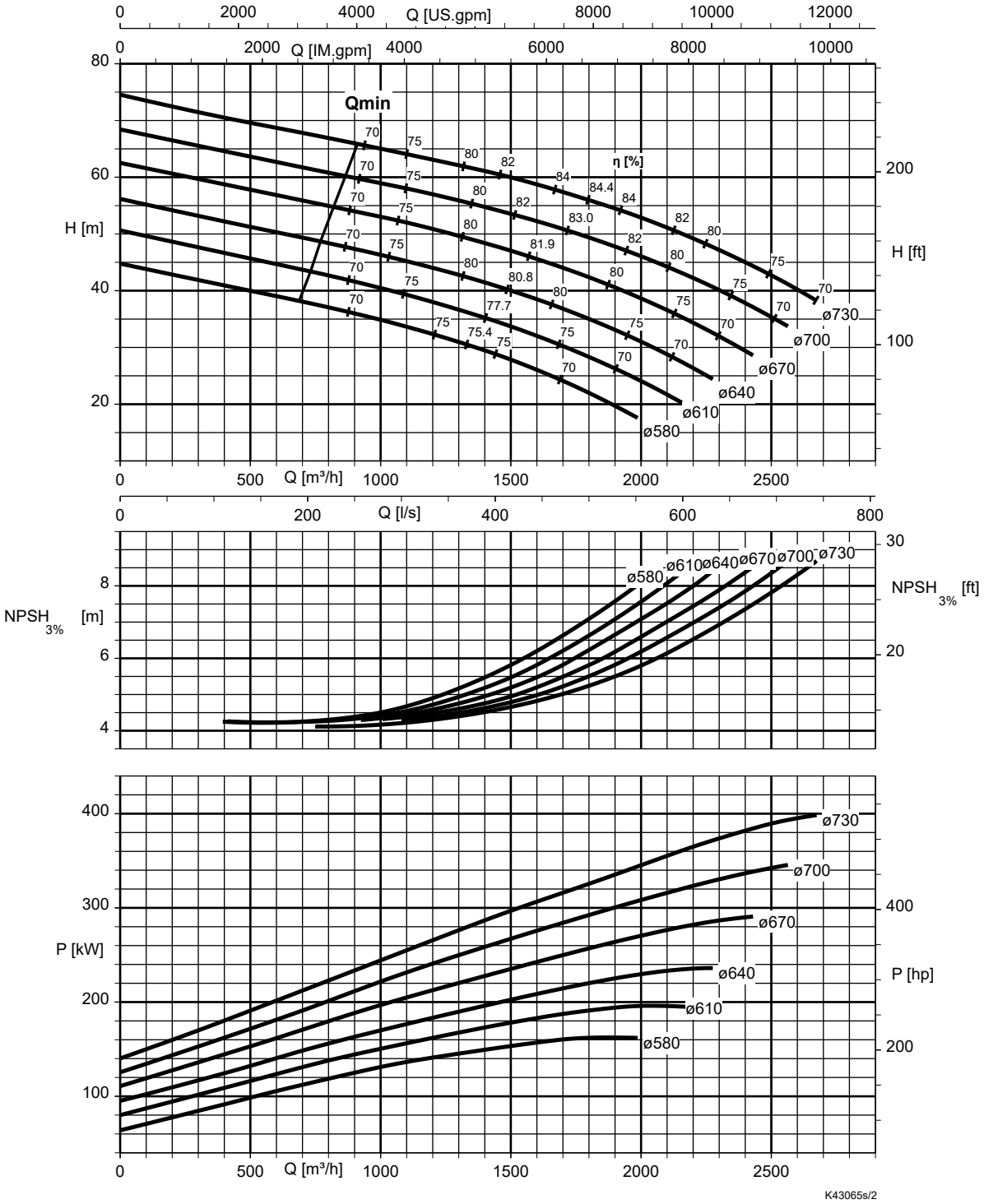
Free passage = 5 1/2 in [140 mm]

Table 133: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
1308_N_	✗	✗	-	-	✗	-	-
1508_N_	✗	✗	-	-	✗	-	-
1858_N_	✗	✗	-	-	✗	-	-
2208_N_	✗	✗	-	-	✗	-	-
2608_N_	✗	✗	-	-	✗	-	-
3008_N_	✗	✗	-	-	✗	-	-
3508_N_	✗	✗	-	-	✗	-	-
4008_N_	✗	✗	-	-	✗	-	-

Amarex KRT K 350-710, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 4 5/16 in [110 mm]

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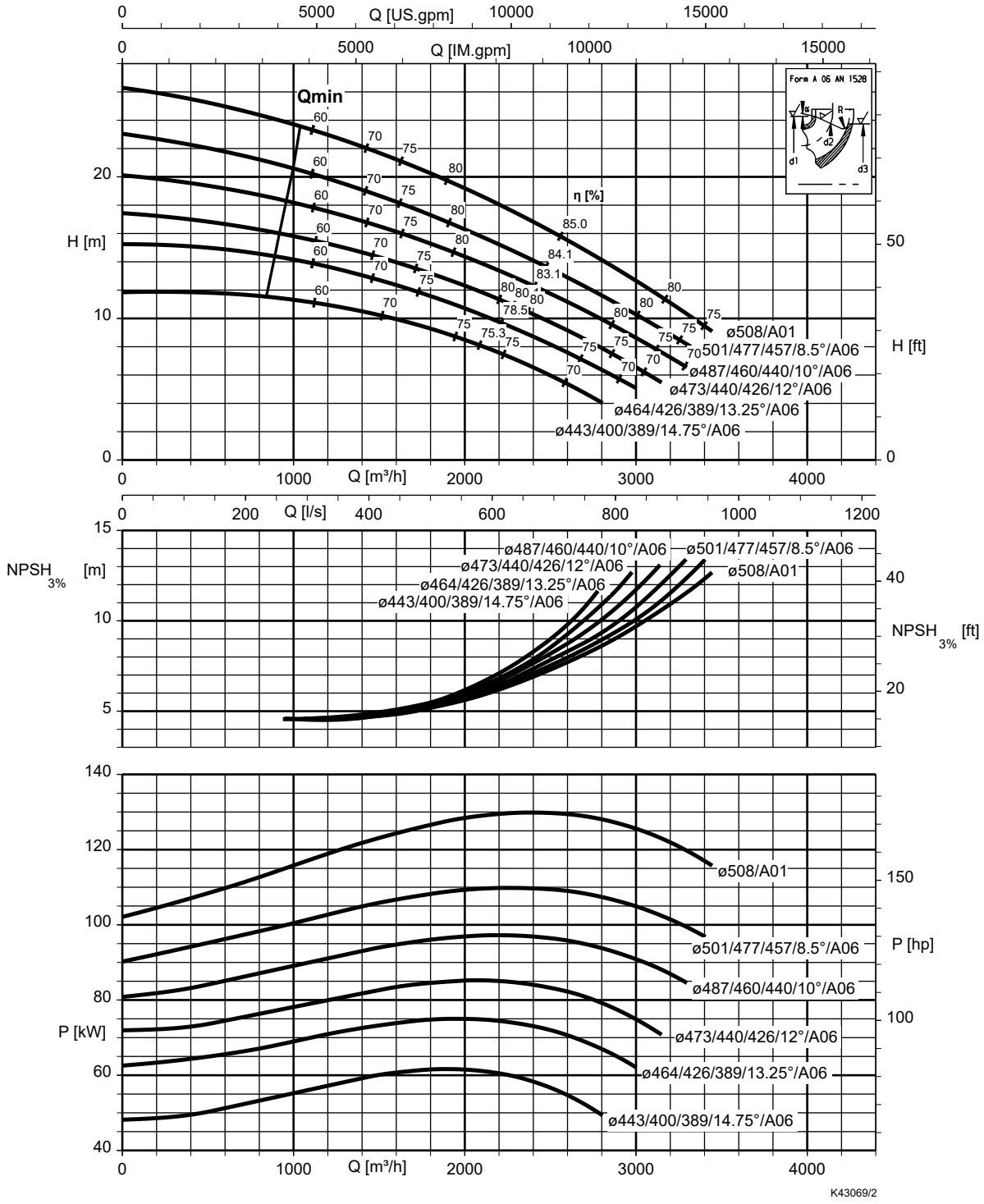
Table 134: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
2608_N_	✗	✗	-	-	✗	-	✗
3008_N_	✗	✗	-	-	✗	-	✗
3508_N_	✗	✗	-	-	✗	-	✗
4008_N_	✗	✗	-	-	✗	-	✗
4608_N_	✗	✗	-	-	✗	-	-

Amarex KRT K 400-500, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 1/8 in [130 mm]

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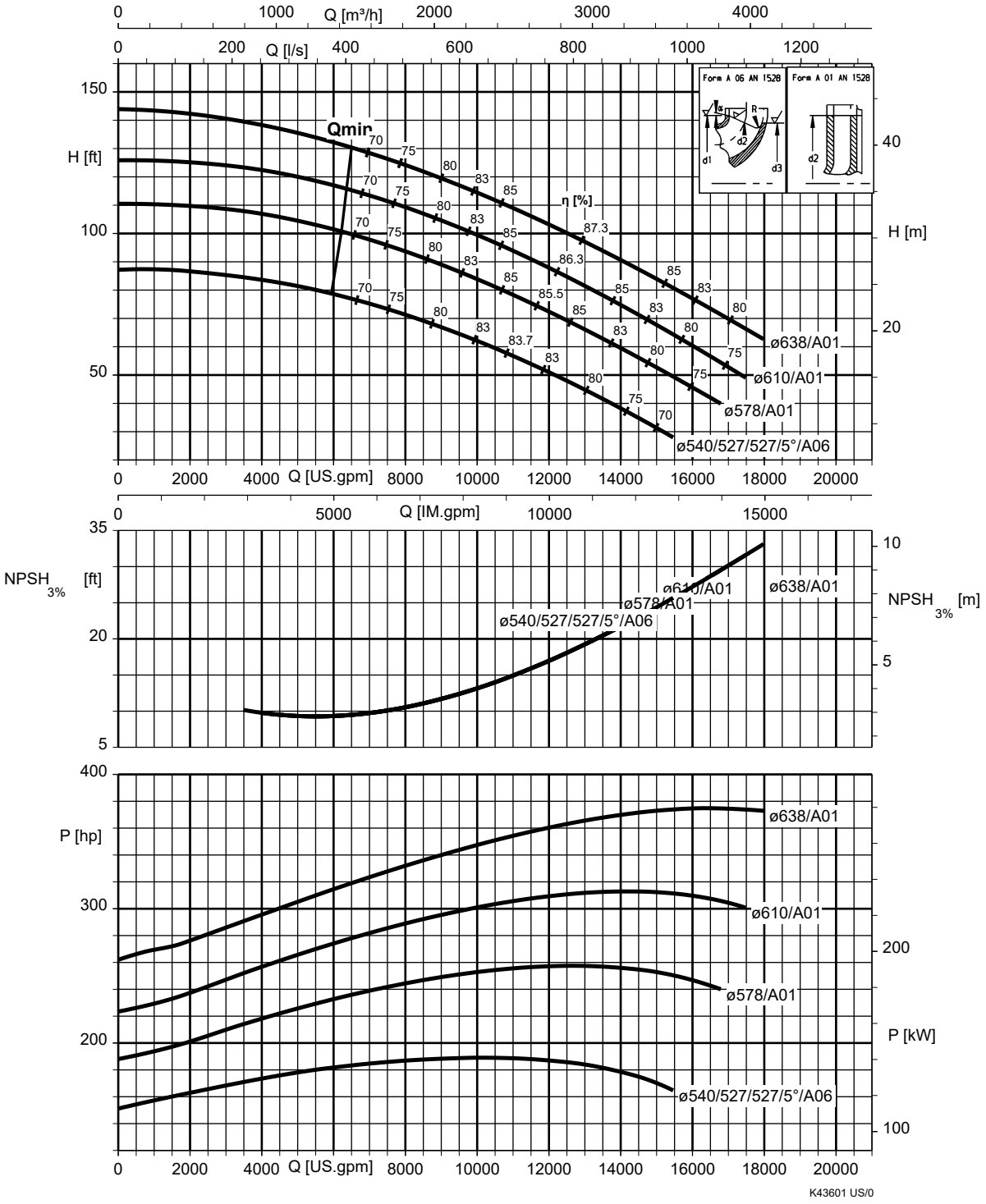
Table 135: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
758_N_	✗	✗	-	-	✗	-	✗
908_N_	✗	✗	-	✗	✗	-	✗
1108_N_	✗	✗	-	-	✗	-	✗
1308_N_	✗	✗	-	-	✗	-	✗
1508_N_	✗	✗	-	-	✗	-	✗
1858_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 400-632, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 1/2 in [140 mm]

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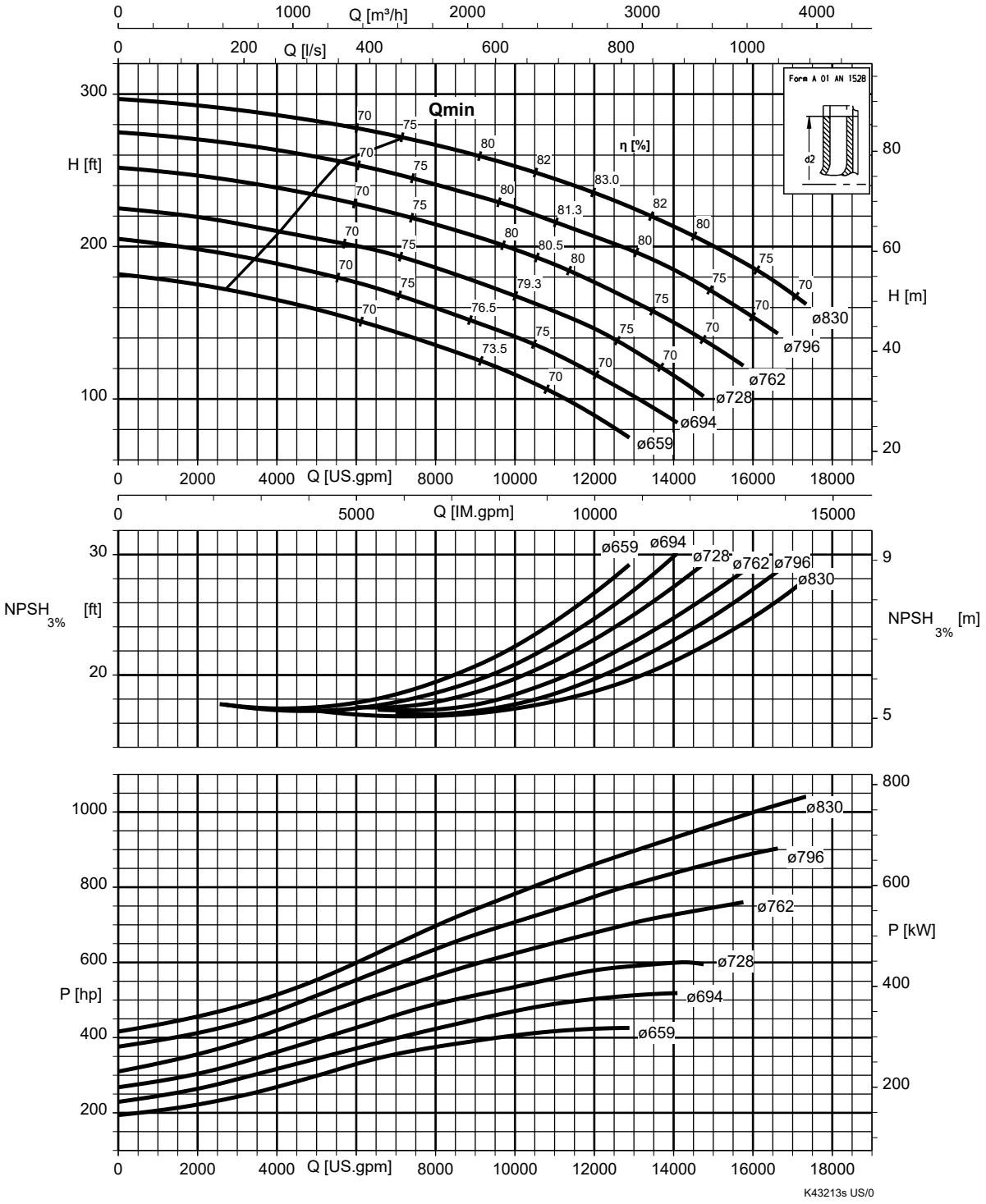
Table 136: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
1858_N_	✗	✗	-	-	✗
2208_N_	✗	✗	-	-	✗
2608_N_	✗	✗	-	-	✗
3008_N_	✗	✗	-	-	✗
3508_N_	✗	✗	-	-	✗
4008_N_	✗	✗	-	-	✗

Amarex KRT K 400-900, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



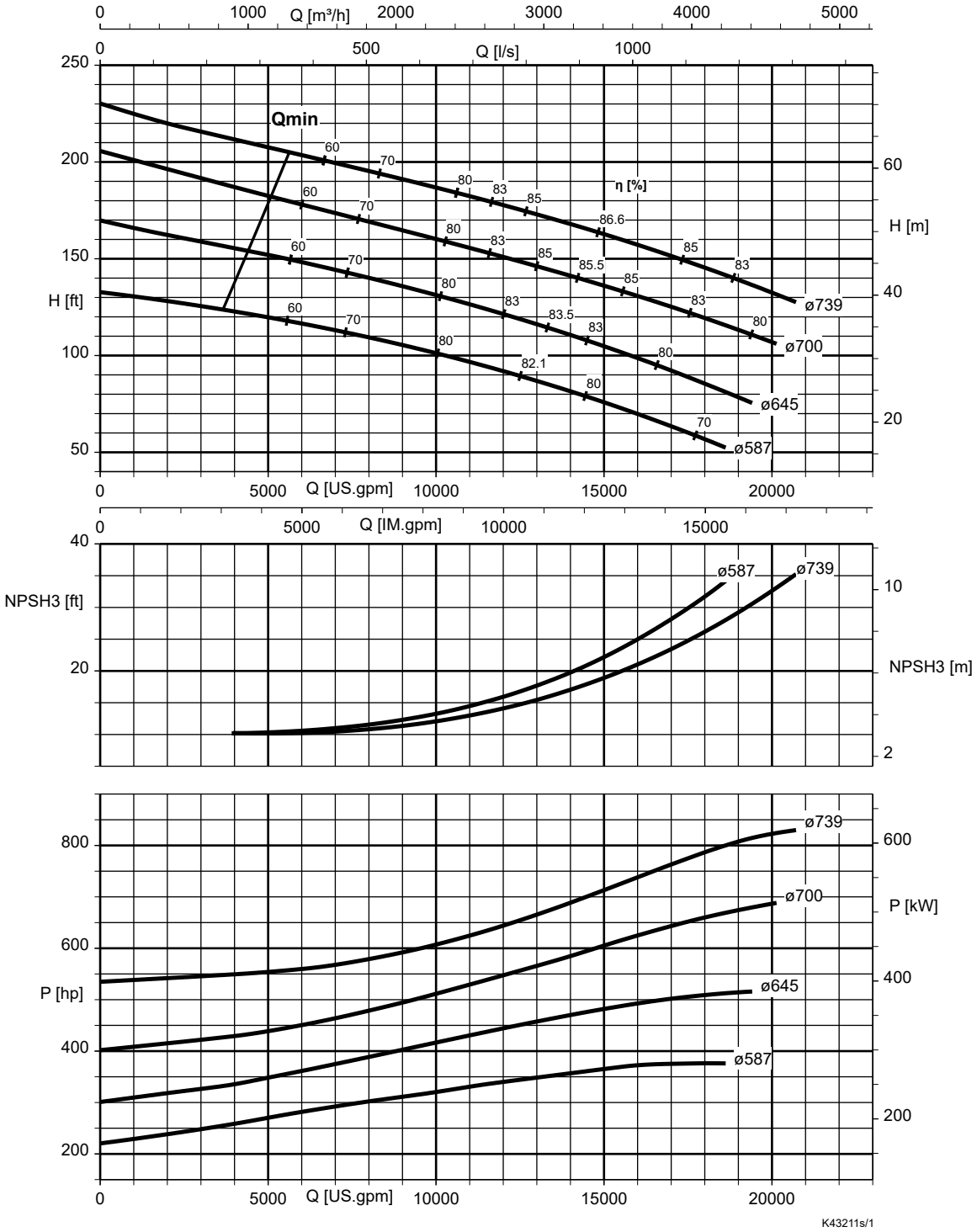
Free passage = 4 15/16 in [125 mm]

Table 137: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
3508_N_	✗	✗	-	-	✗
4008_N_	✗	✗	-	-	✗
4608_N_	✗	✗	-	-	✗
5308_N_	✗	✗	-	-	✗
5808_N_	✗	✗	-	-	✗
6308_N_	✗	✗	-	-	✗
6908_N_	✗	✗	-	-	✗
7608_N_	✗	✗	-	-	✗

Amarex KRT K 401-710, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



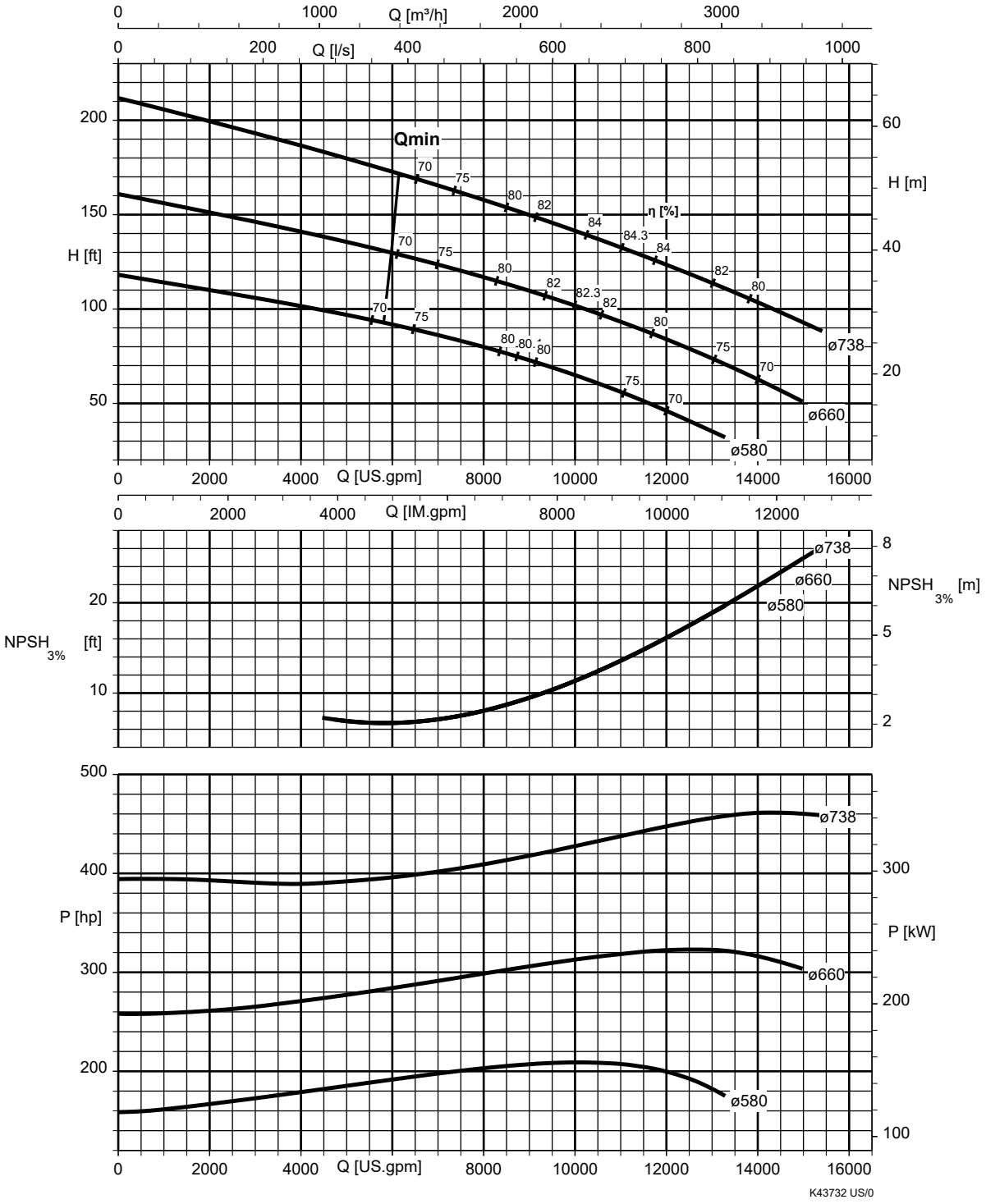
Free passage = 5 3/4 in [145 mm]

Table 138: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
2608_N_	✗	✗	-	-	✗
3008_N_	✗	✗	-	-	✗
3508_N_	✗	✗	-	-	✗
4008_N_	✗	✗	-	-	✗
4608_N_	✗	✗	-	-	✗
5308_N_	✗	✗	-	-	✗
5808_N_	✗	✗	-	-	✗
6308_N_	✗	✗	-	-	✗
6908_N_	-	-	-	-	✗
7608_N_	-	-	-	-	✗

Amarex KRT K 401-713, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



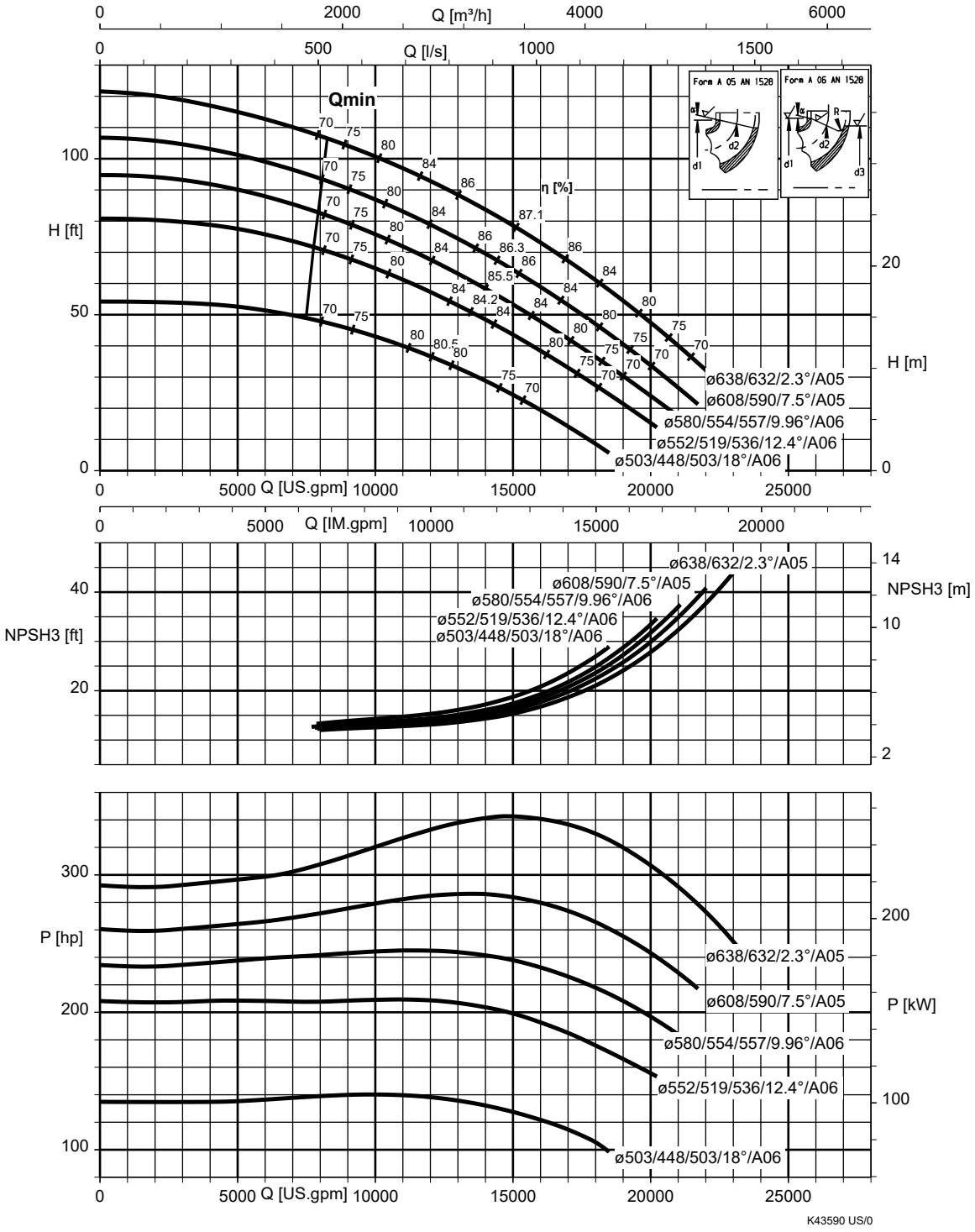
Free passage = 5 3/4 in [145 mm]

Table 139: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
1508_N_	✗	✗	-	-	✗
1858_N_	✗	✗	-	-	✗
2208_N_	✗	✗	-	-	✗
2608_N_	✗	✗	-	-	✗
3008_N_	✗	✗	-	-	✗
3508_N_	✗	✗	-	-	✗
4008_N_	✗	✗	-	-	✗
4608_N_	✗	✗	-	-	✗
5308_N_	✗	✗	-	-	✗
5808_N_	✗	✗	-	-	✗
6308_N_	✗	✗	-	-	✗
6908_N_	-	-	-	-	✗
7608_N_	-	-	-	-	✗

Amarex KRT K 500-634, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



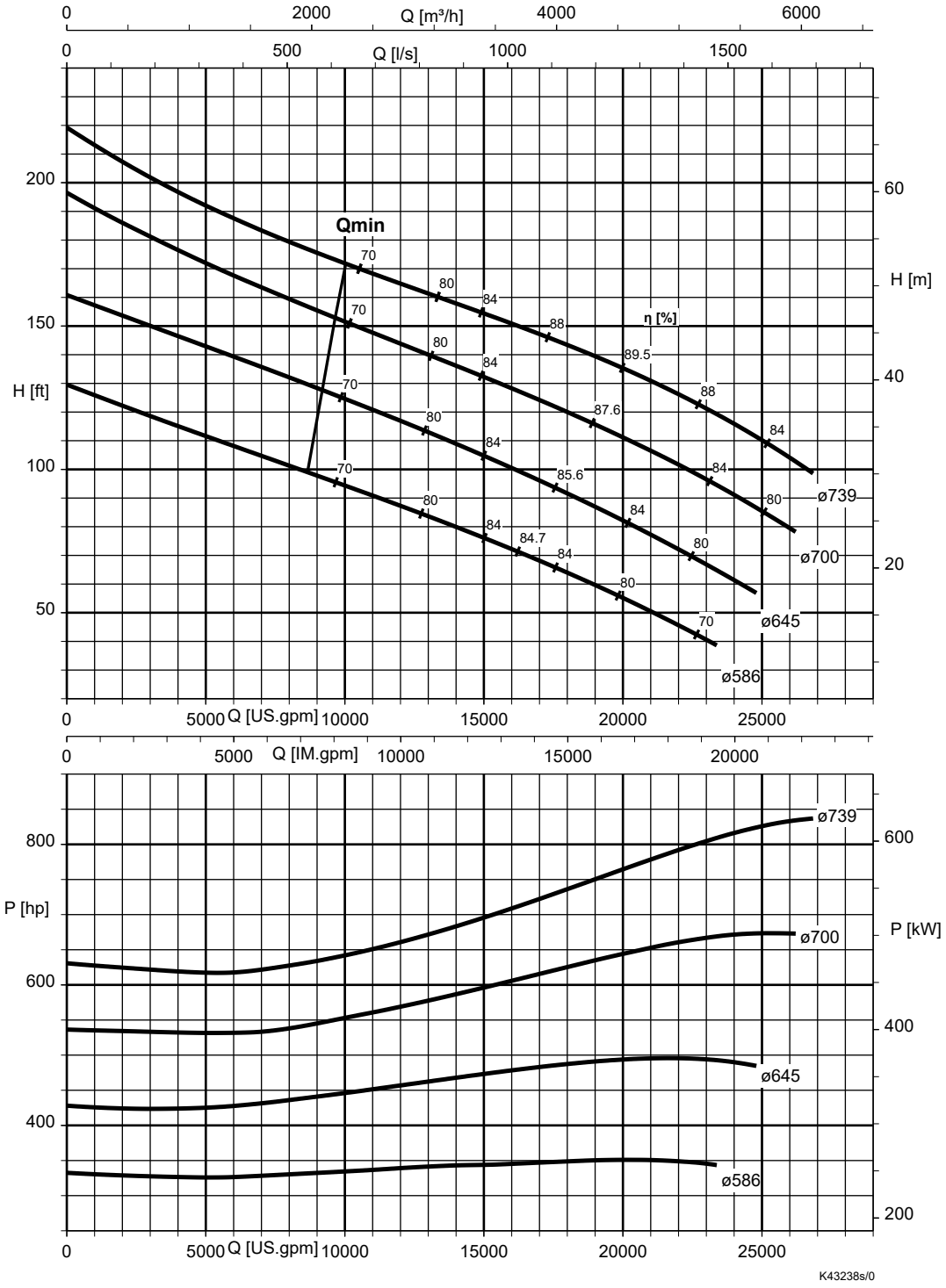
Free passage = 5 1/4 in [134 mm]

Table 140: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
908_N_	✗	✗	-	-	✗
1108_N_	✗	✗	-	-	✗
1308_N_	✗	✗	-	-	✗
1508_N_	✗	✗	-	-	✗
1858_N_	✗	✗	-	-	✗
2208_N_	✗	✗	-	-	✗
2608_N_	✗	✗	-	-	✗

Amarex KRT K 501-710, n = 875 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



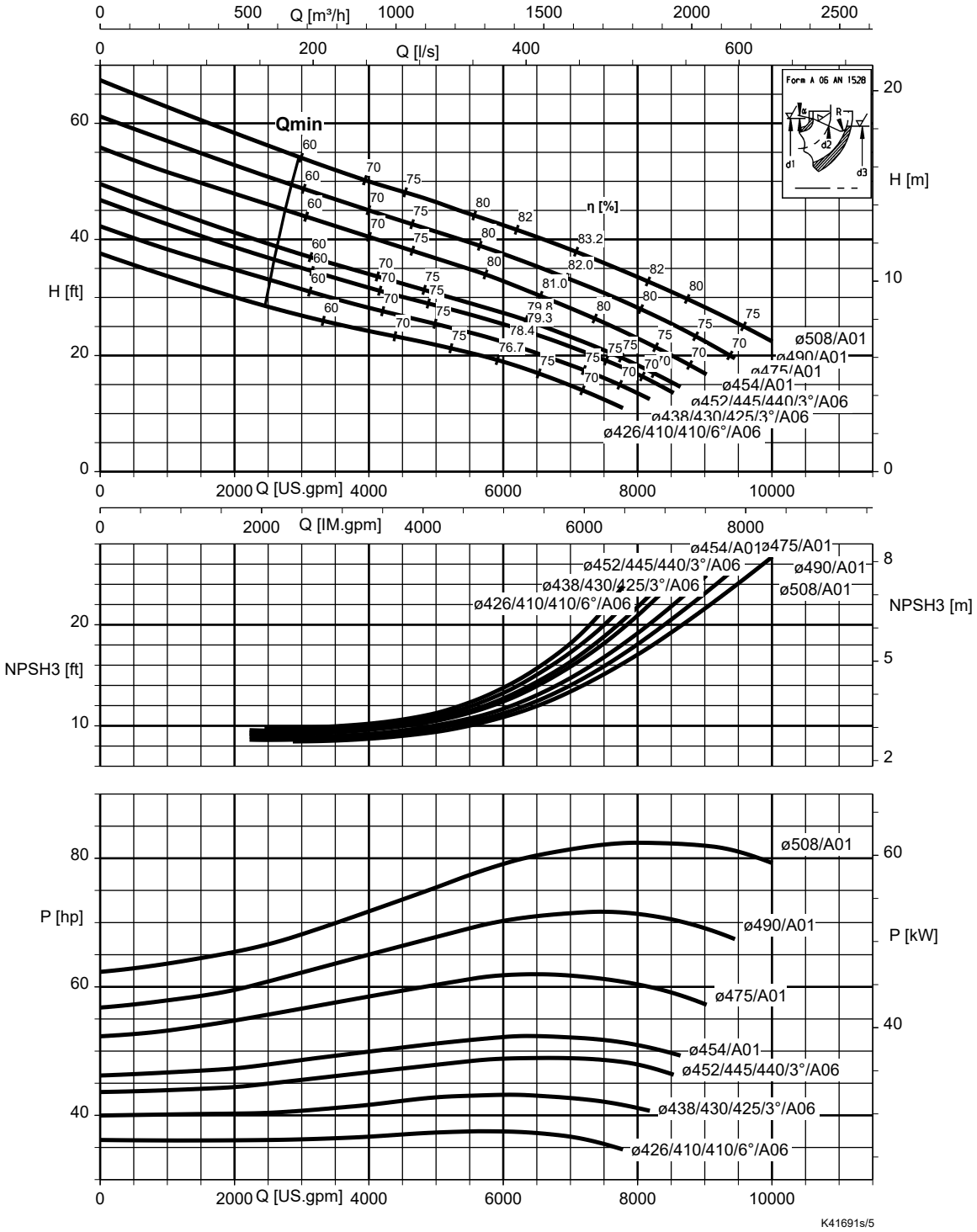
Free passage = 5 15/16 in [150 mm]

Table 141: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
2608_N_	✗	✗	-	-	✗
3008_N_	✗	✗	-	-	✗
3508_N_	✗	✗	-	-	✗
4008_N_	✗	✗	-	-	✗
4608_N_	✗	✗	-	-	✗
5308_N_	✗	✗	-	-	✗
5808_N_	✗	✗	-	-	✗
6308_N_	✗	✗	-	-	✗
6908_N_	-	-	-	-	✗
7608_N_	-	-	-	-	✗

Amarex KRT K 350-500, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



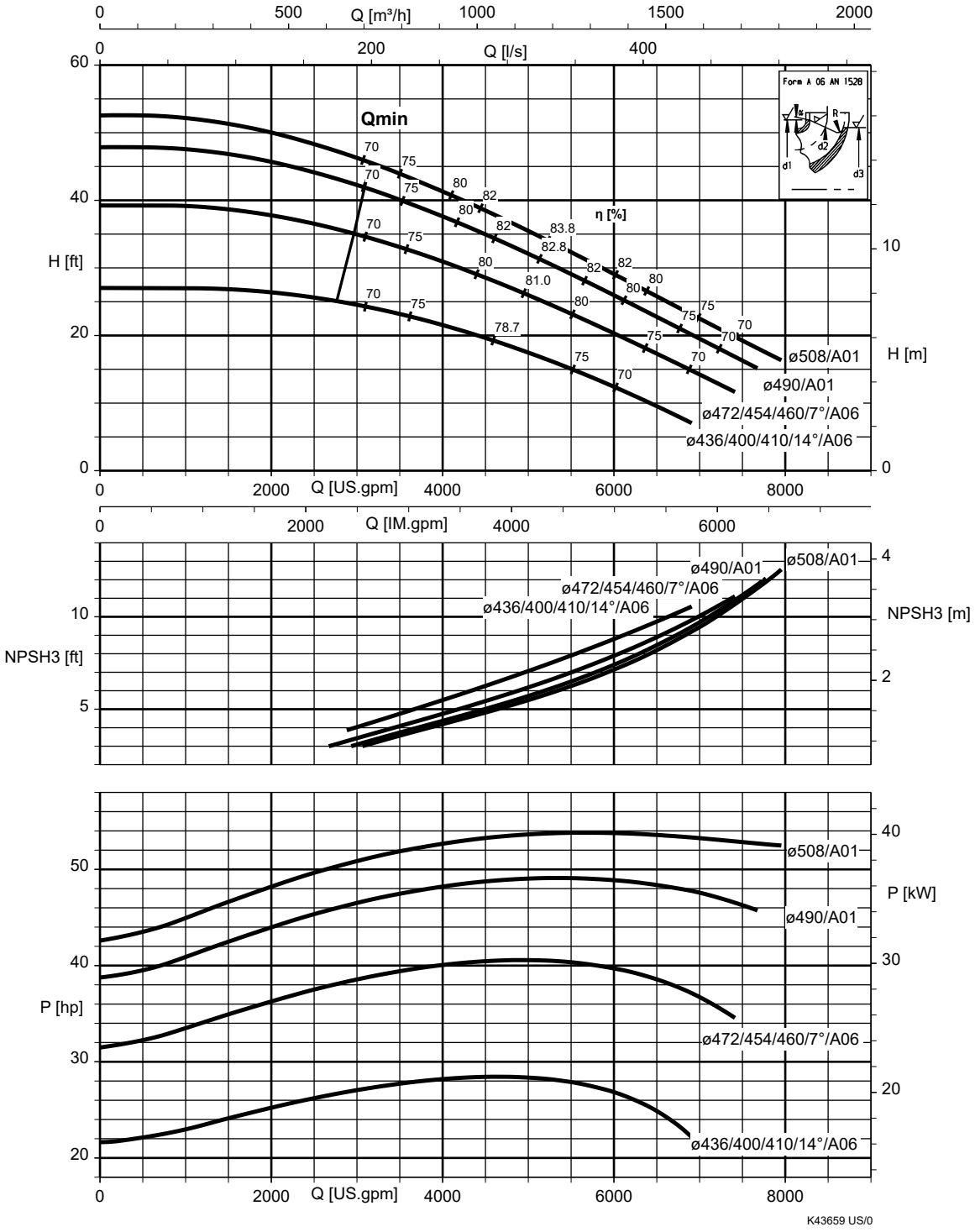
Free passage = 4 5/16 in [110 mm]

Table 142: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
4010_N_	✗	✗	-	-	✗	-	✗
6010_N_	✗	✗	-	-	✗	-	✗
7510_N_	✗	✗	-	-	✗	-	✗
9010_N_	-	-	-	-	-	-	✗

Amarex KRT K 350-503, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 1/2 in [140 mm]

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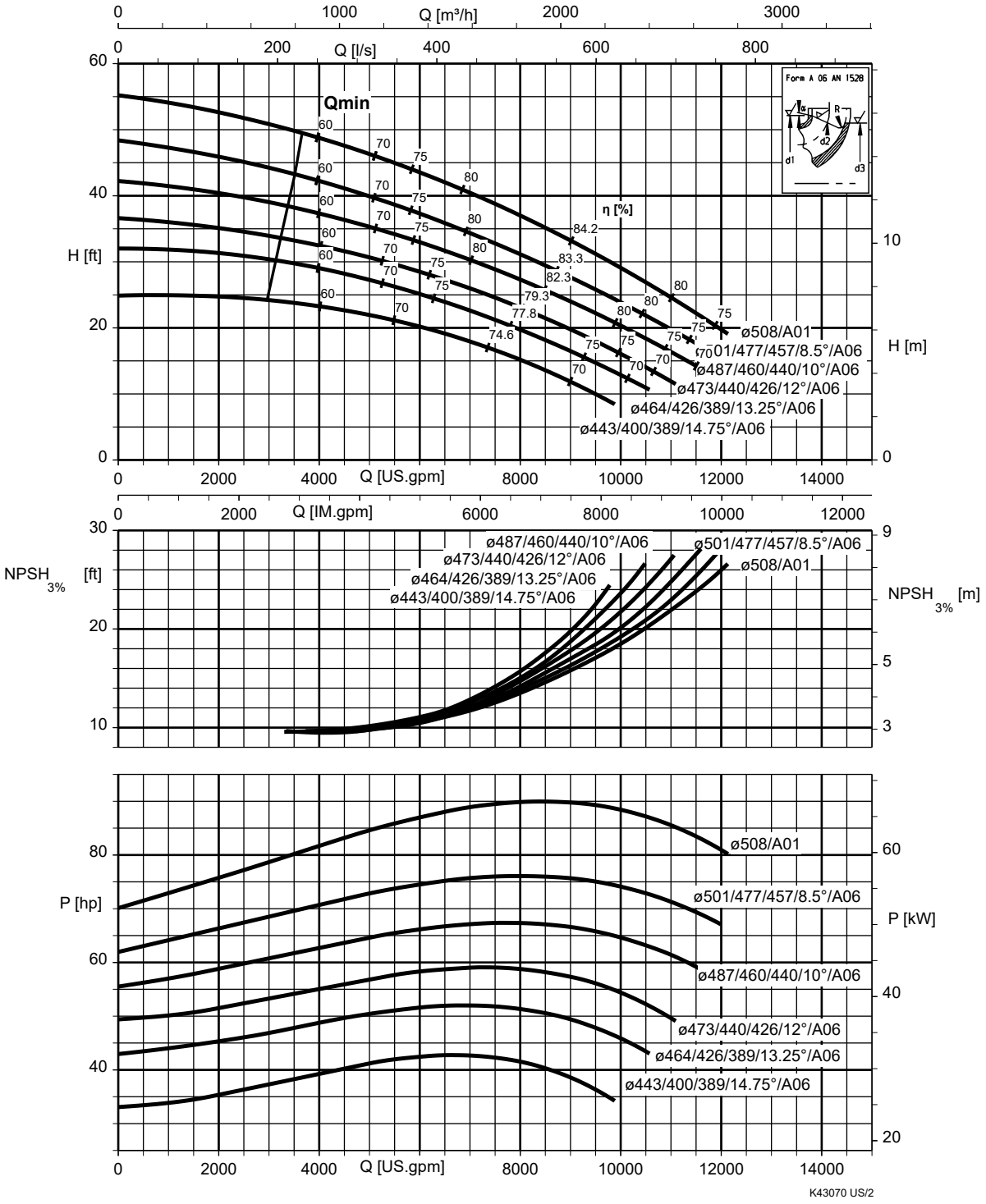
Table 143: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
4010_N_	✗	✗	-	-	✗
6010_N_	✗	✗	-	-	✗
7510_N_	✗	✗	-	-	✗
9010_N_	✗	✗	-	-	✗

Amarex KRT K 400-500, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



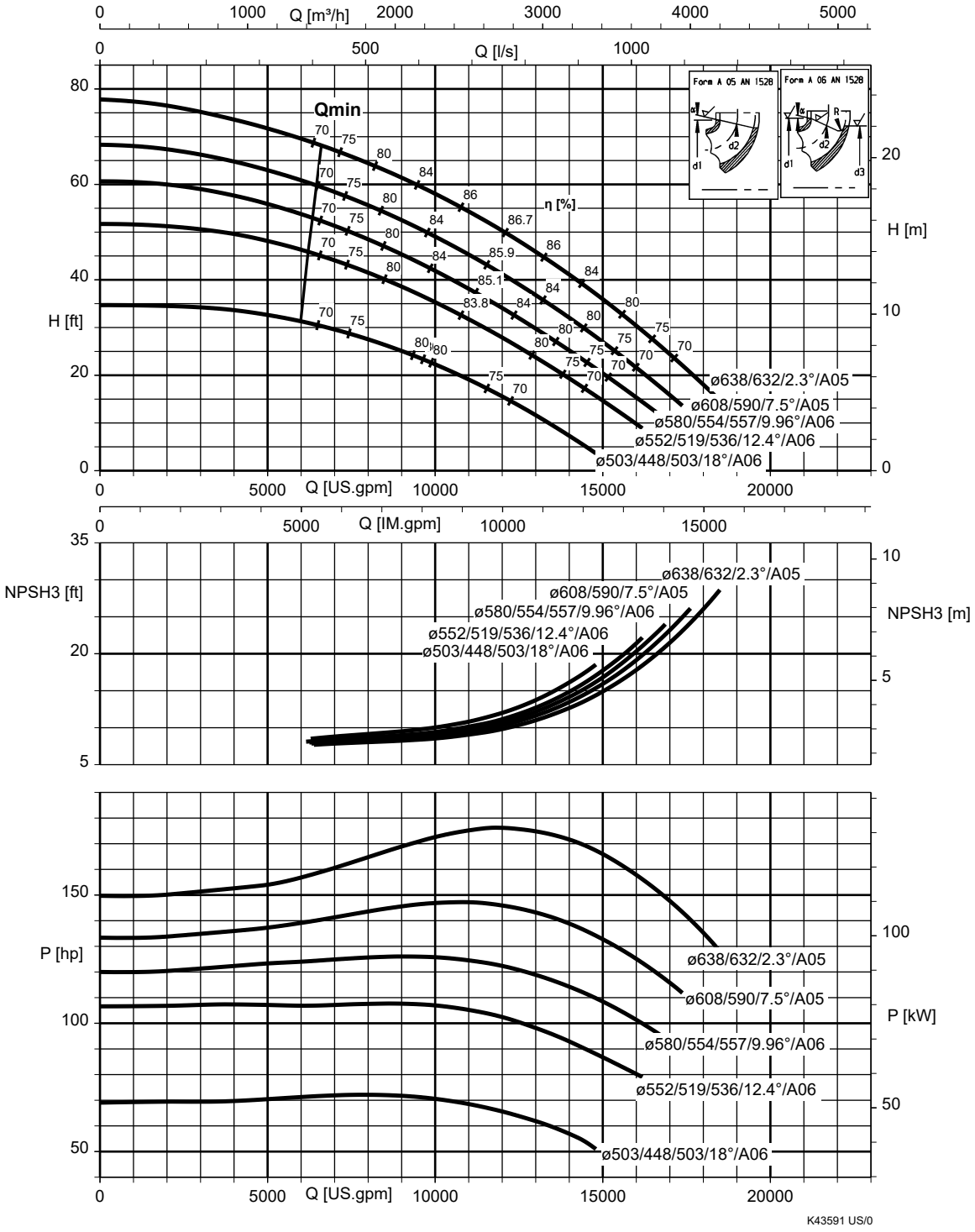
Free passage = 5 1/8 in [130 mm]

Table 144: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
4010_N_	✗	✗	-	-	✗	-	✗
6010_N_	✗	✗	-	-	✗	-	✗
7510_N_	✗	✗	-	-	✗	-	✗
9010_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 500-634, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 5 1/4 in [134 mm]

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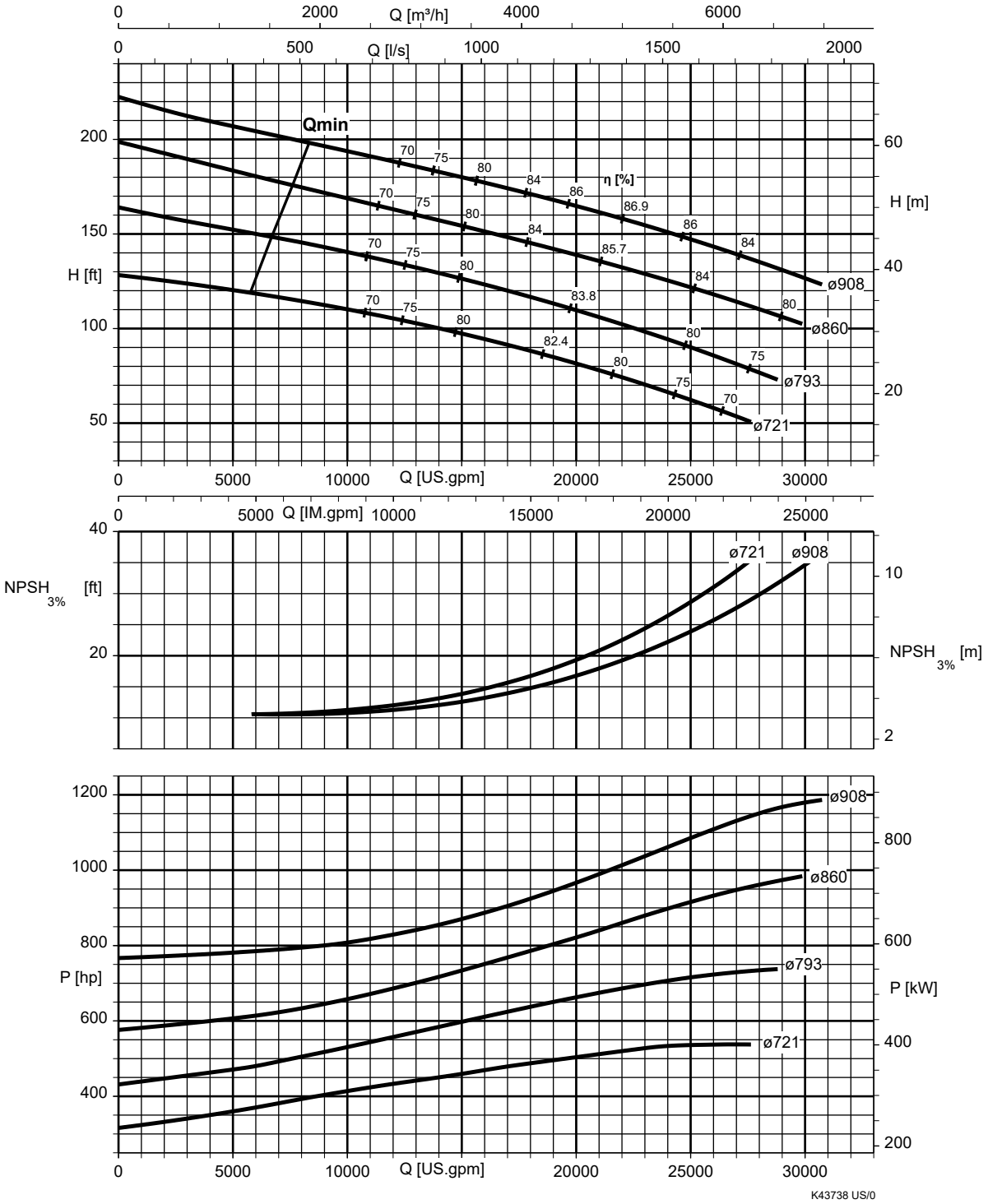
Table 145: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
6010_N_	✗	✗	-	-	✗	-	✗
7510_N_	✗	✗	-	-	✗	-	✗
9010_N_	✗	✗	-	-	✗	-	✗
11010_N_	✗	✗	-	-	✗	-	✗
15010_N_	✗	✗	-	-	✗	-	✗
19010_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 501-900, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



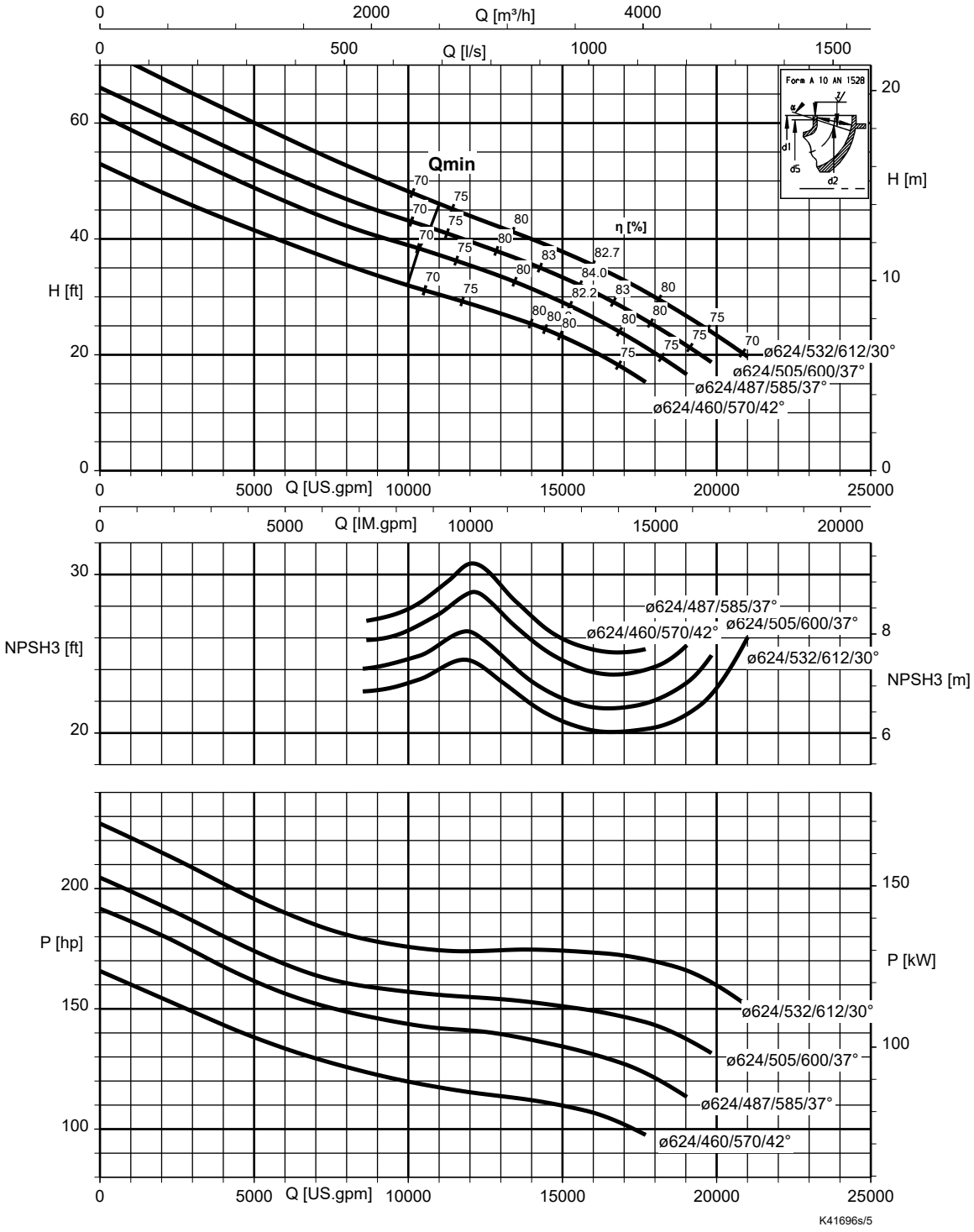
Free passage = 7 in [178 mm]

Table 146: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
39010_N_	✗	✗	-	-	✗
43010_N_	✗	✗	-	-	✗
47510_N_	✗	✗	-	-	✗
53510_N_	✗	✗	-	-	✗
60010_N_	✗	✗	-	-	✗
66010_N_	✗	✗	-	-	✗

Amarex KRT K 600-520, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



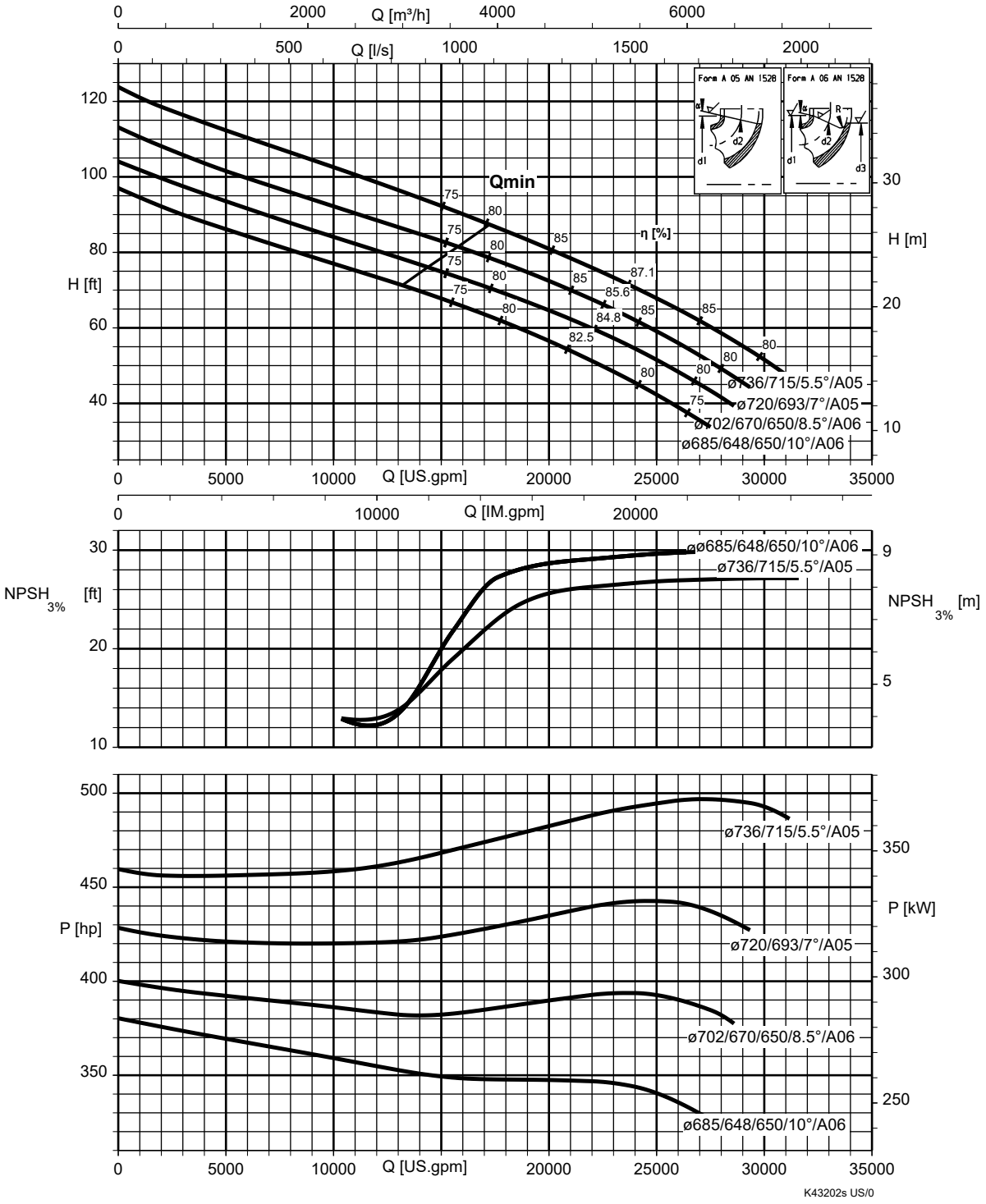
Free passage = 5 3/4 in [145 mm]

Table 147: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
11010_N_	✗	✗	-	-	✗	-	✗
15010_N_	✗	✗	-	-	✗	-	✗
19010_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 600-710, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



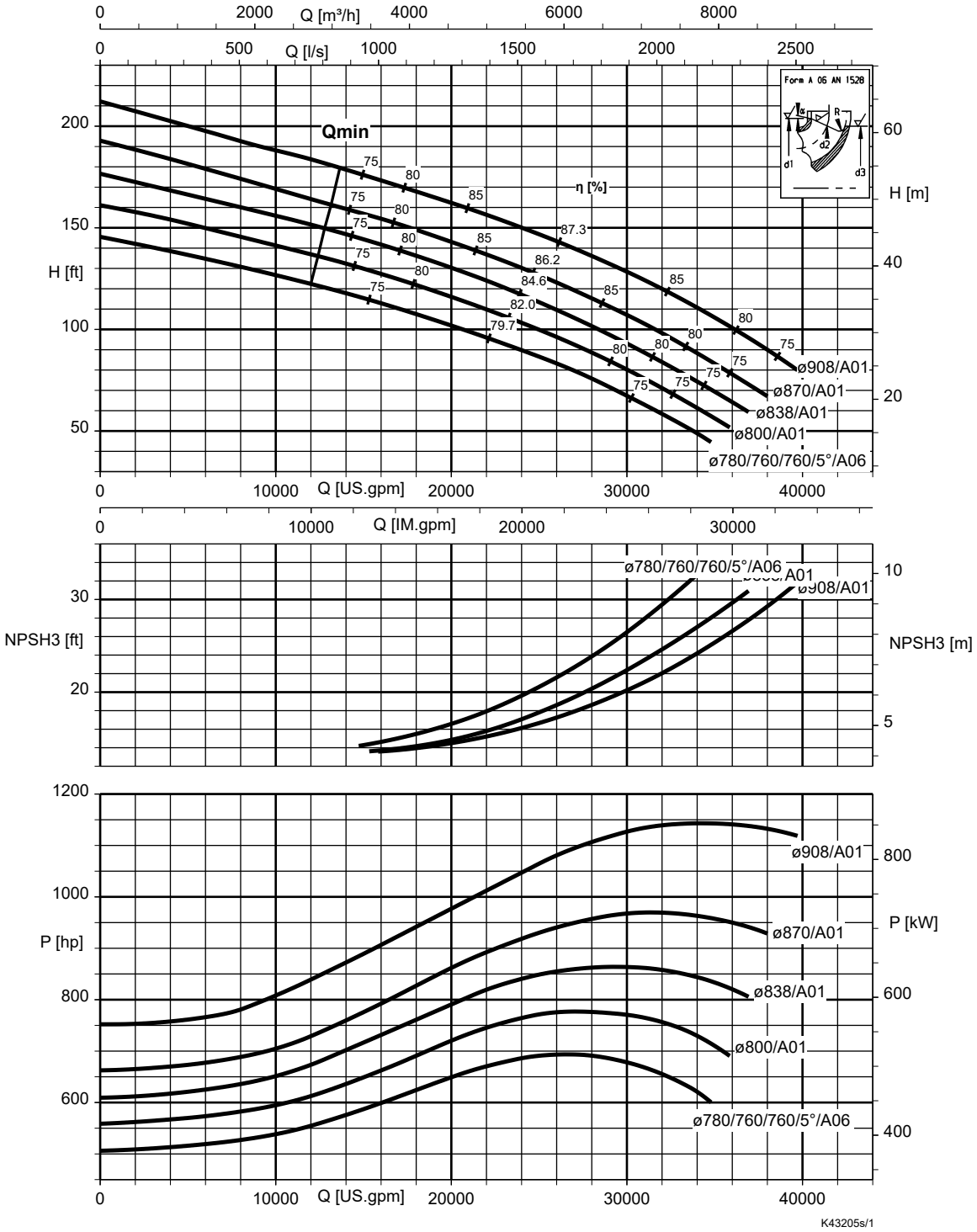
Free passage = 6 1/2 in [165 mm]

Table 148: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
31010_N_	✗	✗	-	-	✗
35010_N_	✗	✗	-	-	✗
39010_N_	✗	✗	-	-	✗
43010_N_	✗	✗	-	-	✗
47510_N_	✗	✗	-	-	✗

Amarex KRT K 700-901, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



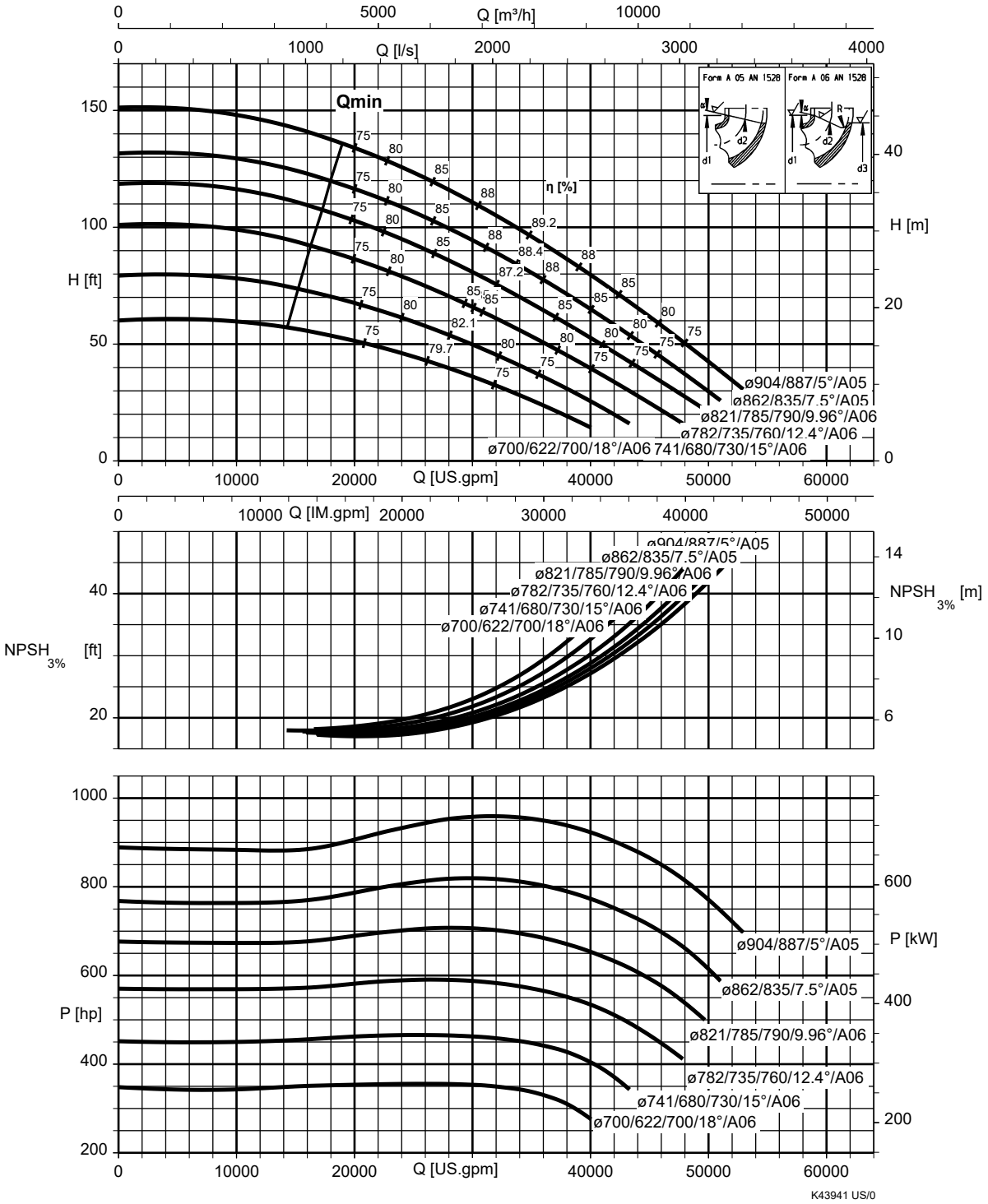
Free passage = 7 1/8 in [180 mm]

Table 149: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
53510_N_	✗	✗	-	-	✗
60010_N_	✗	✗	-	-	✗
66010_N_	✗	✗	-	-	✗

Amarex KRT K 701-902, n = 700 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



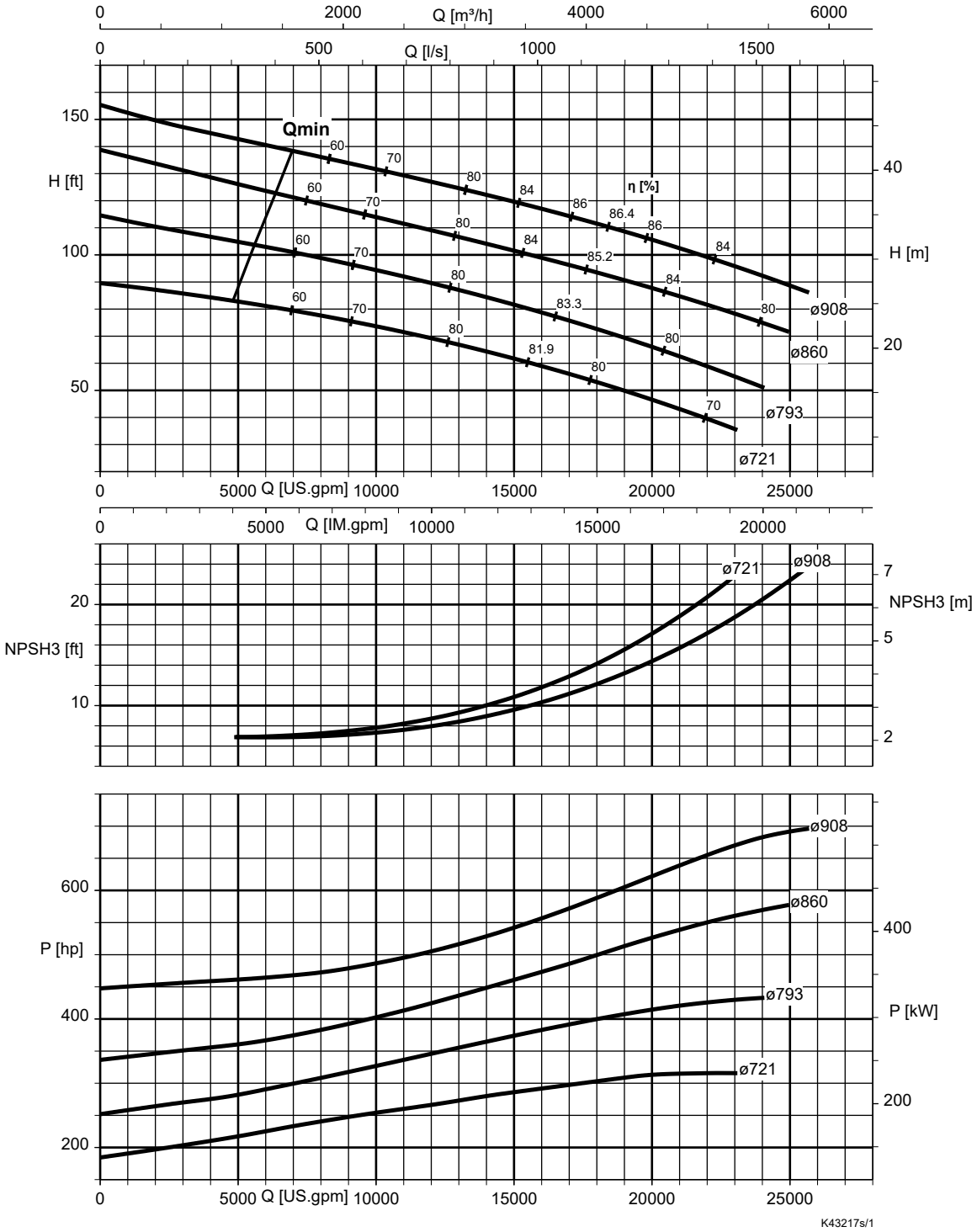
Free passage = 7 1/2 in [190 mm]

Table 150: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
39010_N_	-	✗	-	-	✗
43010_N_	-	✗	-	-	✗
43010_N_	-	✗	-	-	✗
47510_N_	-	✗	-	-	✗
53510_N_	-	✗	-	-	✗
60010_N_	-	✗	-	-	✗
66010_N_	-	✗	-	-	✗

Amarex KRT K 501-900, n = 585 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



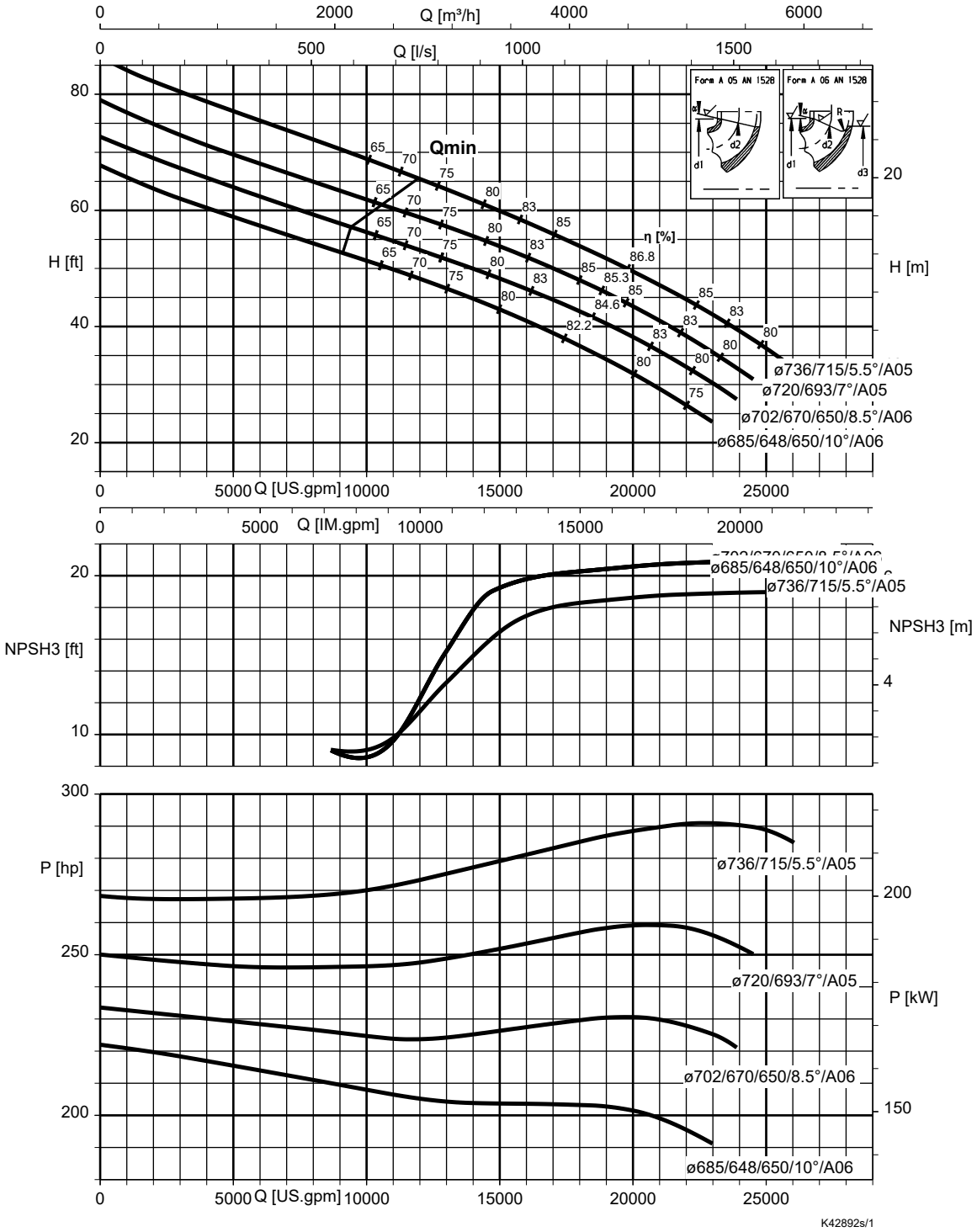
Free passage = 7 in [178 mm]

Table 151: Motor depending on material variant and installation type

Motor	G				
	Installation type				
	D	K	H	P	S
34012_N_	✗	✗	-	-	✗
38012_N_	✗	✗	-	-	✗
45012_N_	✗	✗	-	-	✗
49012_N_	✗	✗	-	-	✗
56012_N_	✗	✗	-	-	✗

Amarex KRT K 600-710, n = 585 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



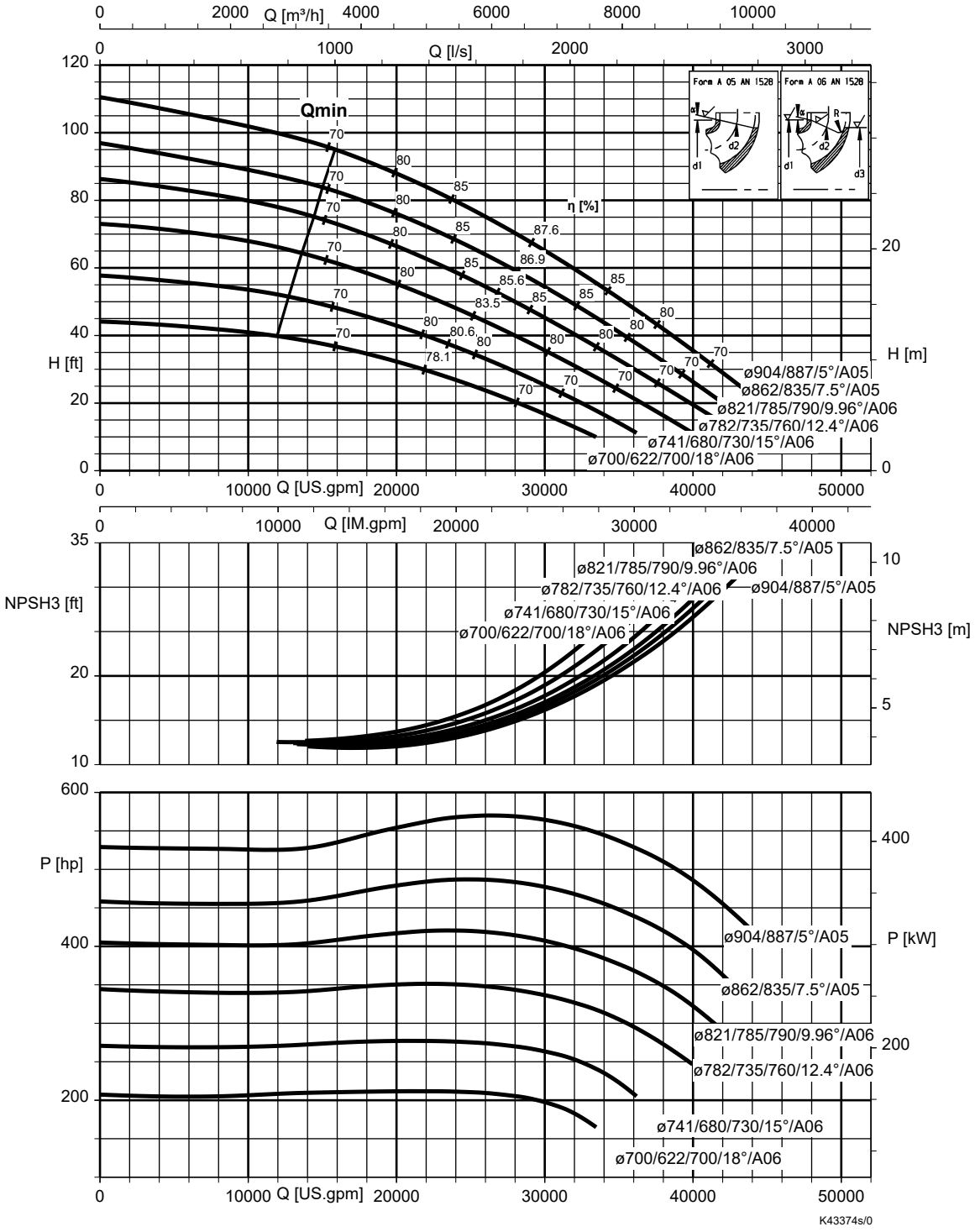
Free passage = 6 1/2 in [165 mm]

Table 152: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
19512_N_	✗	✗	-	-	✗	-	-
23012_N_	✗	✗	-	-	✗	-	✗
26512_N_	✗	✗	-	-	✗	-	✗
30012_N_	✗	✗	-	-	✗	-	✗

Amarex KRT K 700-902, n = 585 rpm

Characteristic curves to ISO 9906 Class 3B, below 10 kW to § 4.4.2. n = nominal speed



Free passage = 7 1/2 in [190 mm]

Table 153: Motor depending on material variant and installation type

Motor	G					C	
	Installation type					Installation type	
	D	K	H	P	S	P	S
34012_N_	✗	✗	-	-	✗	-	-
38012_N_	✗	✗	-	-	✗	-	-
45012_N_	✗	✗	-	-	✗	-	-
49012_N_	✗	✗	-	-	✗	-	-
56012_N_	✗	✗	-	-	✗	-	-

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KSB SE & Co. KGaA
Johann-Klein-Straße 9 • 67227 Frankenthal (Germany)
Tel. +49 6233 86-0
www.ksb.com

KSB SE & Co. KGaA
Turmstraße 92 • 06110 Halle (Germany)
Tel. +49 345 4826-0
www.ksb.com

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