

CERTIFICAT / *CERTIFICATE* N° 02.18.221

délivré pour la gamme de pompes pour systèmes sprinkleurs
delivered for the range of sprinkler system pumps

Marque commerciale / Brand name : KSB

Gamme / Range : ETANORM FXA

Nombre de modèle(s) / Number of model(s) : 26

Commercialisée par / Marketed by : KSB SAS

**Adresse / Adress : 10/14 rue de la gare – CS 50012 – 76250 DEVILLE LES ROUEN -
FRANCE**

Siret N° 569 801 897 00434

Droit d'usage de la marque CNPP Certified attribué conformément à la procédure A221 (Octobre 2019)
CNPP Certified right of use granted in accordance with the A221 procedure (october 2019)

Ce certificat est complété par une annexe composée de 40 pages
This certificate is completed by the 40 attached pages.

Il annule et remplace tout certificat antérieur.
This cancels and replaces all the previous certificate.

Sa validité peut être vérifiée sur : / Its validity can be verified at : www.cnpp.com

Date de prise d'effet / Date of establishment : 19/04/2021

Date de fin de validité / Date of end of validity : 18/04/2024

Amaury LEQUETTE
Directeur CNPP Cert. / CNPP Cert. Manager

Pompes pour systèmes sprinkleurs / *Sprinkler system pumps*

Annexe au certificat n°02.18.221 délivré pour la gamme ETANORM FXA sous la marque KSB

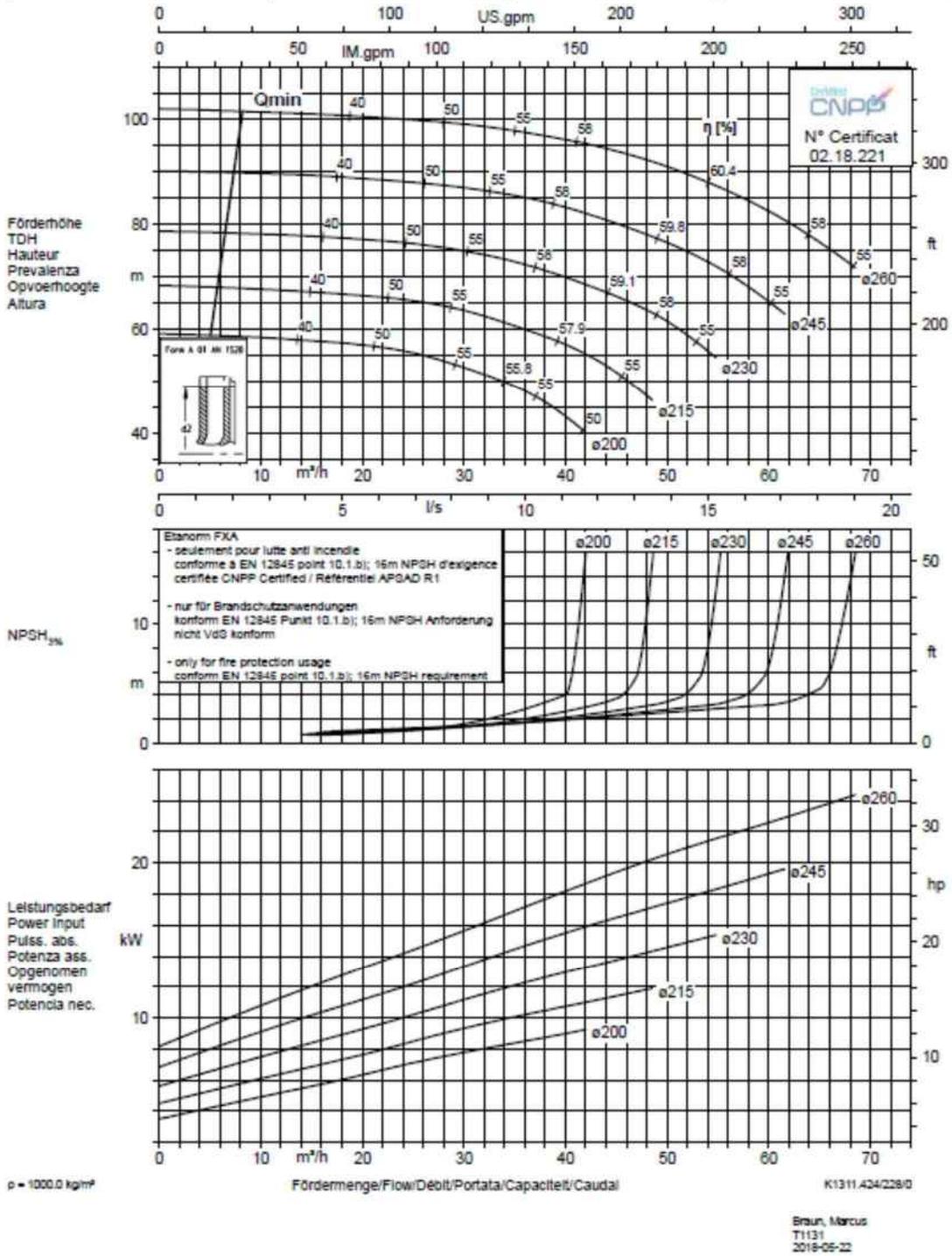
Appendix to the certificate n°02.18.221 delivered for the range ETANORM FXA under the brand KSB

Liste des modèles couverts / *List of covered model(s)* :

| Modèles / Models | Vitesse du courbier / curve rated speed | Vitesse maxi d'utilisation / maximal use speed | Diamètre de roue maxi (mm) / maximal impeller diameter (mm) | N° de la courbe / curve n° |
|-------------------------|----------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------|
| 65-40-250 | 3000 | 3000 | 260 = maxi | K1311.424/228/0 |
| 65-40-315 | 2800 | 3000 | 317 | K1311.424/229/1 |
| | | 2900 | 324 | K1311.452/229/0 |
| | | 2800 | 326 = maxi | K1311.423/229/0 |
| 65-50-160 | 3600 | 3600 | 174 = maxi | K1311.429/231/0 |
| 65-50-200 | 3000 | 3000 | 219 = maxi | K1311.452/232/0 |
| 65-50-250 | 3000 | 3000 | 260 = maxi | K1311.424/233/0 |
| 65-50-315 | 3000 | 3000 | 323 = maxi | K1311.424/234/0 |
| 80-65-160 | 3600 | 3600 | 174 = maxi | K1311.429/236/0 |
| 80-65-200 | 3000 | 2940 | 219 = maxi | K1311.452/237/0 |
| 80-65-250 | 3000 | 3000 | 260 = maxi | K1311.424/238/0 |
| 80-65-315 | 3000 | 3000 | 320 = maxi | K1311.424/239/0 |
| 100-80-160 | 3600 | 3600 | 174 = maxi | K1311.429/240/0 |
| 100-80-200 | 3600 | 3600 | 219 = maxi | K1311.429/241/0 |
| 100-80-250 | 3000 | 3000 | 269 = maxi | K1311.424/242/0 |
| 100-80-315 | 2800 | 3000 | 320 | K1311.424/243/0 |
| | | 2900 | 332 | K1311.452/243/0 |
| | | 2800 | 334 = maxi | K1311.423/243/0 |
| 100-80-400 | 2400 | 2400 | 398 = maxi | K1311.419/244/0 |
| 125-100-200 | 3000 | 2940 | 219 = maxi | K1311.452/246/0 |
| 125-100-250 | 3000 | 3000 | 269 = maxi | K1311.424/247/2 |
| | | 2600 | 269 = maxi | K1311.421/247/1 |
| 125-100-315 | 2700 | 3000 | 318 | K1311.424/248/1 |
| | | 2900 | 325 | K1311.452/248/1 |
| | | 2800 | 331 | K1311.423/248/1 |
| | | 2700 | 334 = maxi | K1311.422/248/1 |
| 125-100-400 | 2400 | 2400 | 401 = maxi | K1311.419/249/0 |
| 150-125-250 | 3000 | 3000 | 269 = maxi | K1311.424/251/0 |
| 150-125-315 | 2800 | 2800 | 334 = maxi | K1311.423/252/1 |
| | | 2500 | | K1311.420/252/1 |
| 150-125-400 | 1900 | 1900 | 419 = maxi | K1311.414/253/0 |
| 200-150-250 | 2400 | 2400 | 269 = maxi | K1311.419/256/0 |
| 200-150-315 | 2300 | 2500 | 314 | K1311.420/261/0 |
| | | 2400 | 328 | K1311.419/261/0 |
| | | 2300 | 334 = maxi | K1311.418/261/0 |
| 200-150-400 | 1900 | 1900 | 419 = maxi | K1311.414/262/0 |
| 250-150-400 | 2100 | 2100 | 435 = maxi | K1311.416/259/0 |
| | | 1950 | 435 = maxi | K1311.414/259/0 |
| | | 1700 | 435 = maxi | K1311.412/259/0 |

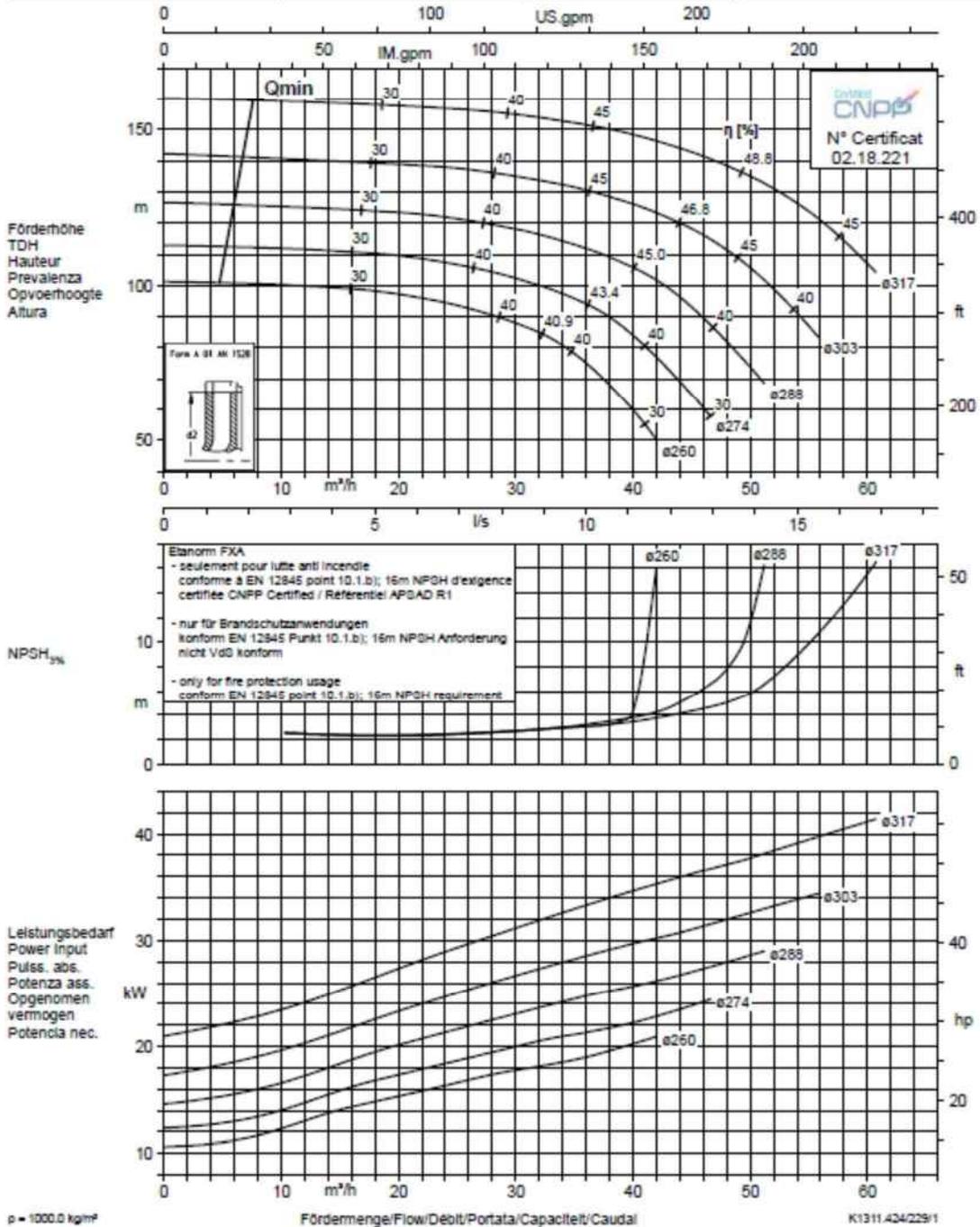
Annexe 1/40 au certificat CNPP Certified : / Appendix 1/40 of the CNPP Certified certificate : n°02.18.221 du/ of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocity of rotation nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktiengesellschaft Johann-Plehn-Strasse 9 67227 Frankfurt |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenz. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postenz. Pos.-Nr. | |



Annexe 2/40 au certificat CNPP Certified : / Appendix 2/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

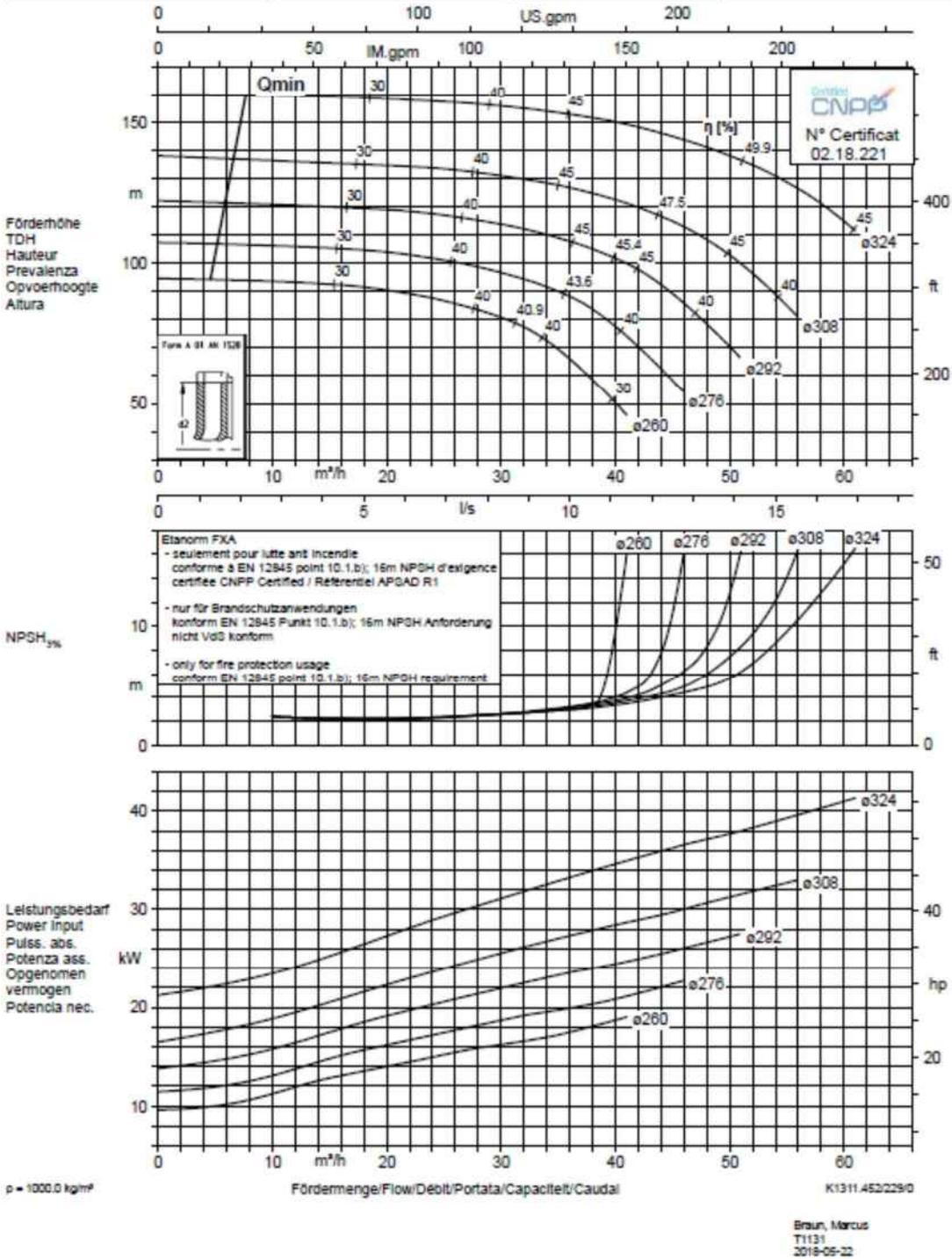
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| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Alder Gesellschaft Johann-Flehn-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttern. Pos.-Nr. | |
| Etanorm FXA 65-40-315 | | 3000 1/min | | | | |



Braun, Marcus
 T1131
 2019-05-22

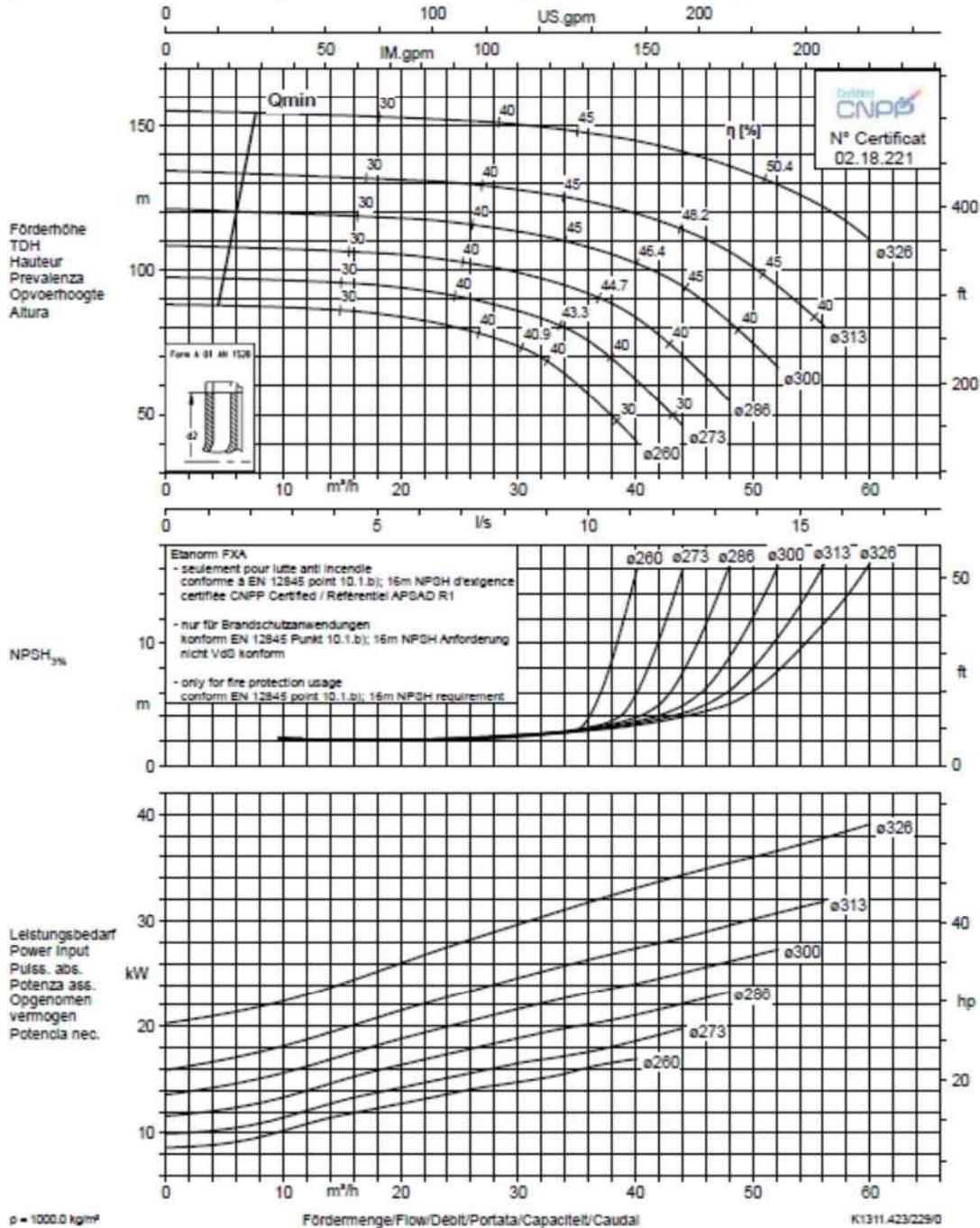
Annexe 3/40 au certificat CNPP Certified : / Appendix 3/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|-----------------------------------------------|----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocity of rotation nom. Nominal rotational Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldinggesellschaft Johann-Klein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de l'offre | Offerta-No. Offerter. Oferta-No. | Pos.-Nr. Item No. No. de pos. | Pos.-Nr. Position. Pos.-Nr. | |



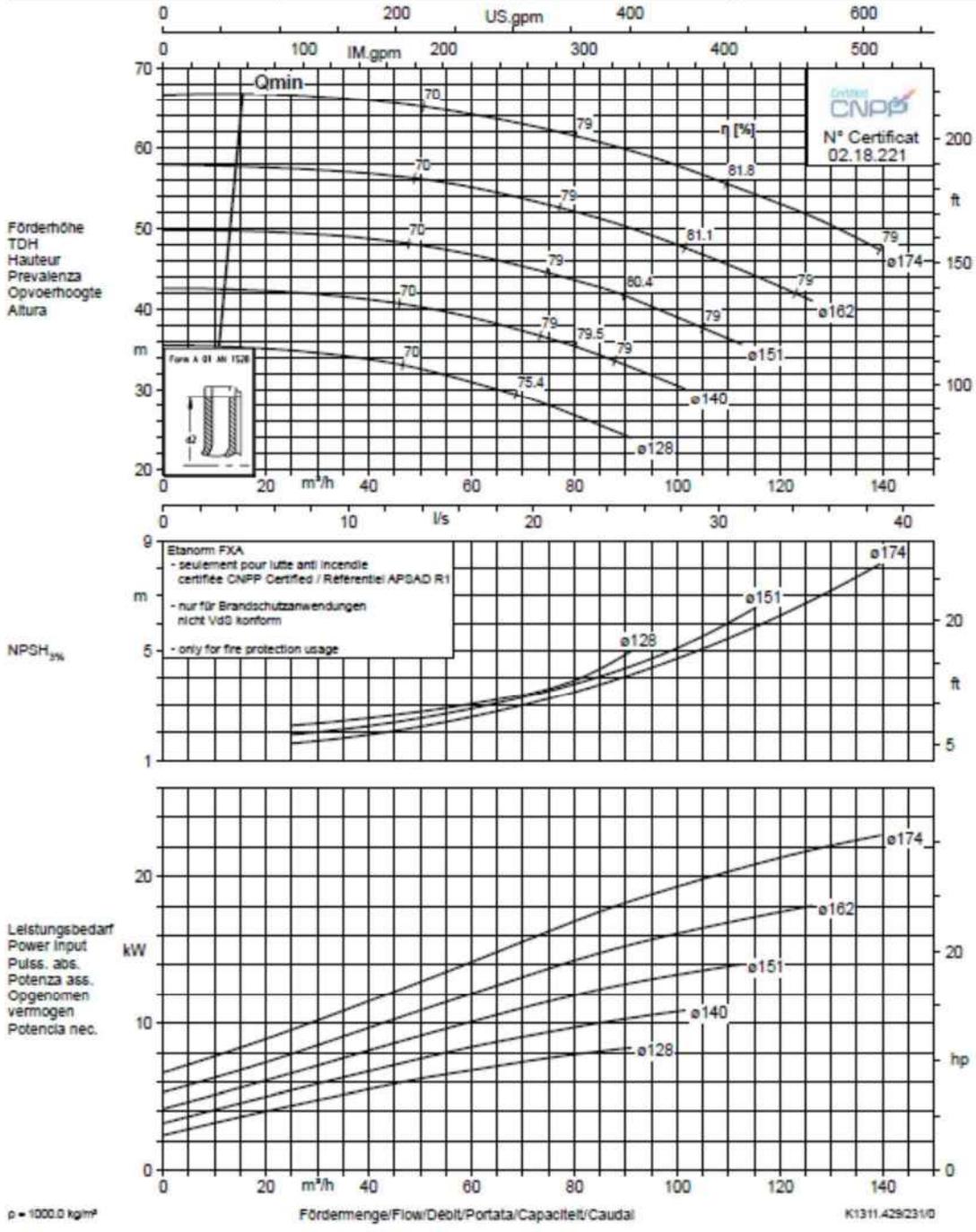
Annexe 4/40 au certificat CNPP Certified : / Appendix 4/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|-----------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoperical Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Plein-Strasse 9 67227 Frankenthal |
| Etanorm FXA 65-40-315 | | 2800 1/min | | | | |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de l'offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



Annexe 5/40 au certificat CNPP Certified : / Appendix 5/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

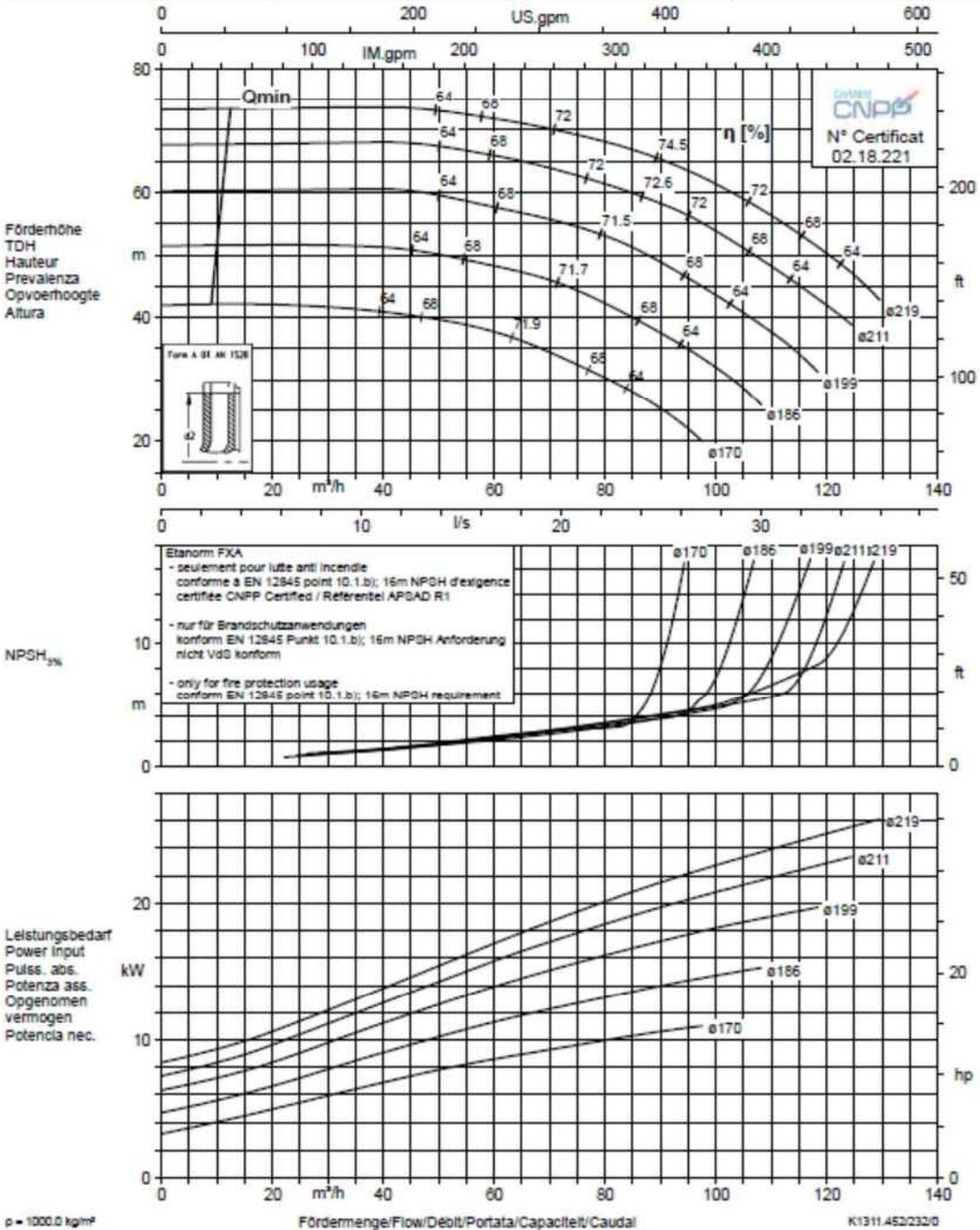
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| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal rotational Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Alder Gesellschaft Johann-Klein-Strasse 9 67227 Frankenthal |
| Etanorm FXA 65-50-160 | | 3600 1/min | | | | |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-Nr. Offerterr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postterr. Pos.-Nr. | |



Braun, Marcus
T1131
2019-05-22

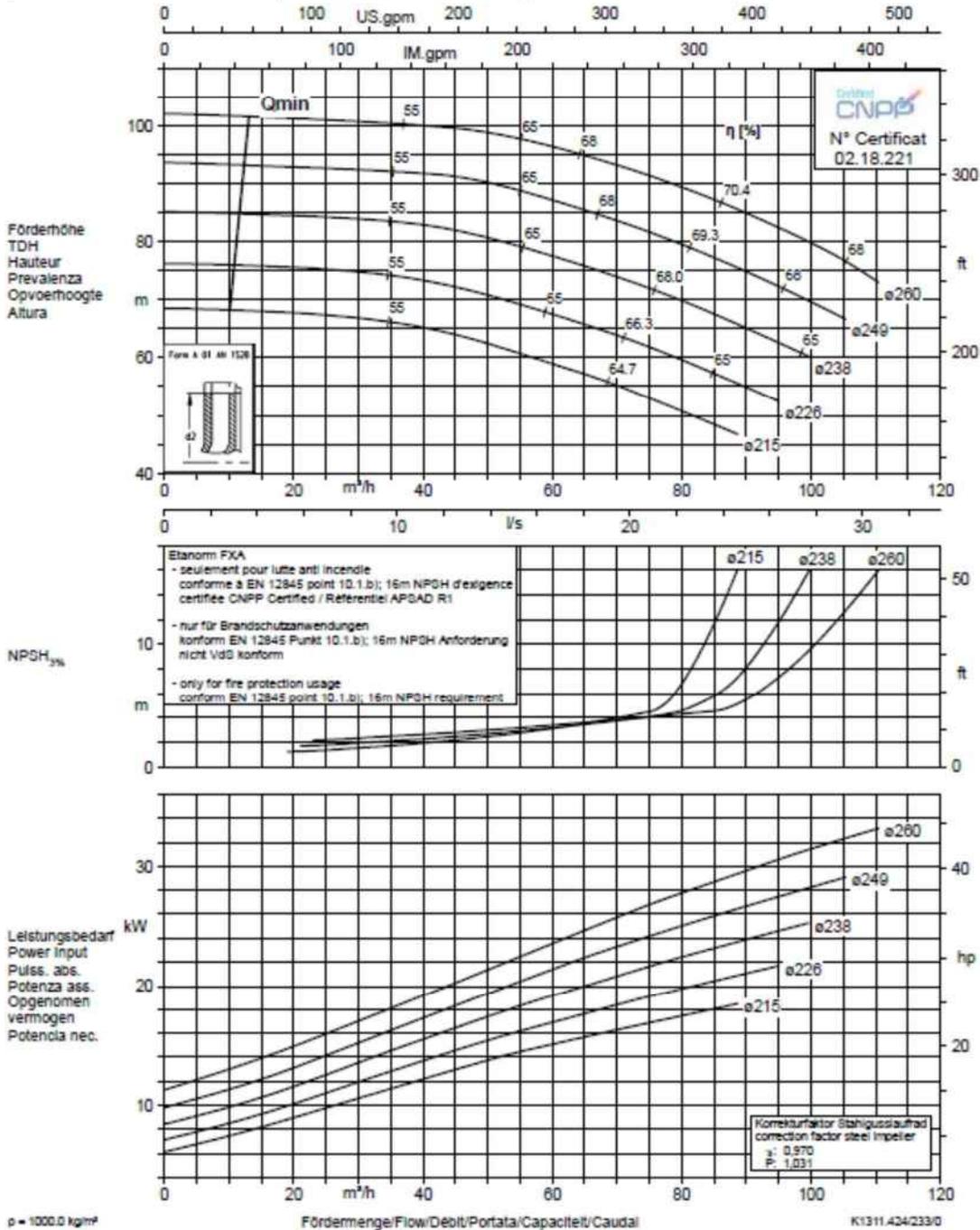
Annexe 6/40 au certificat CNPP Certified : / Appendix 6/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Pfehn-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Project Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



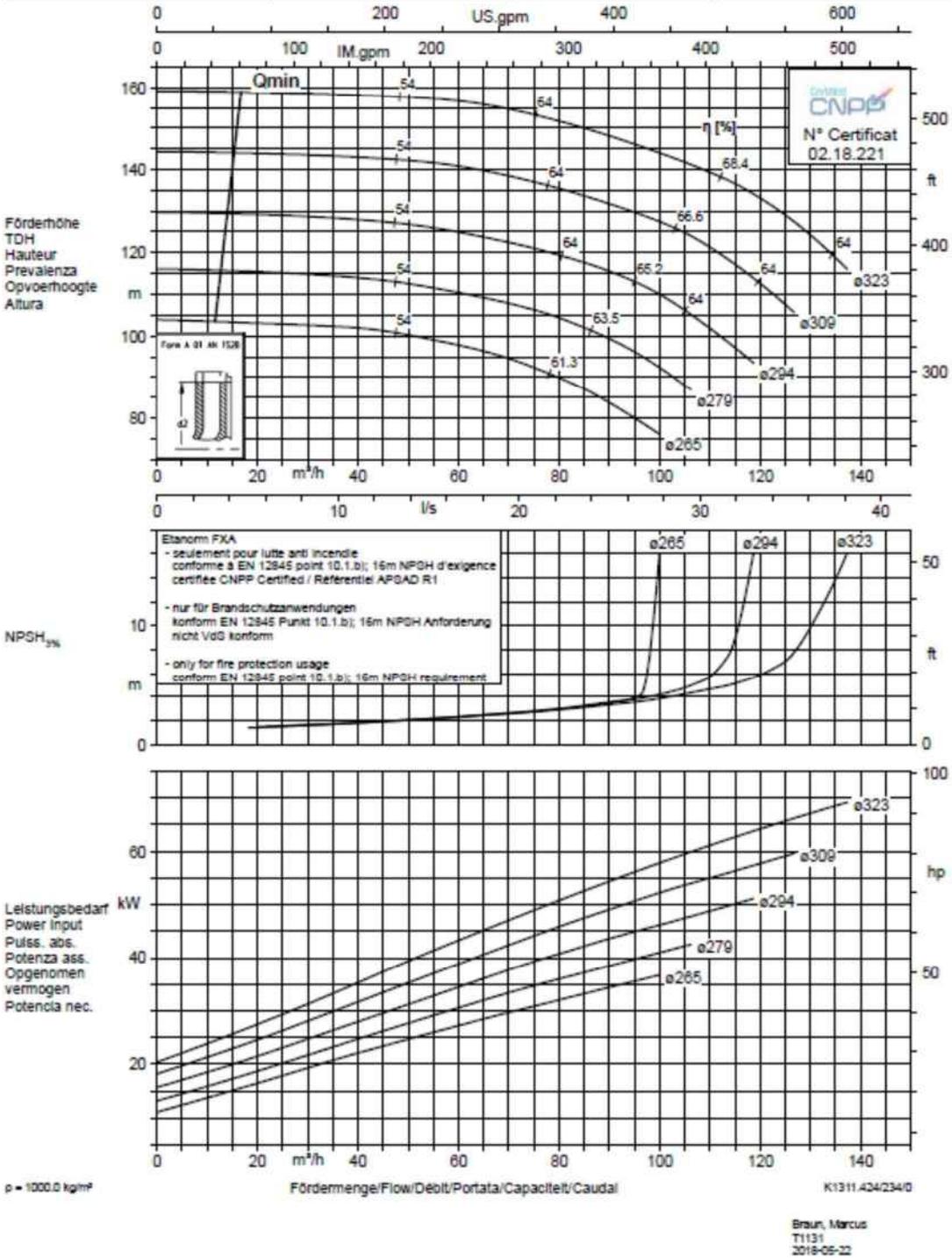
Annexe 7/40 au certificat CNPP Certified : / Appendix 7/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocity of rotation nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Flein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de l'offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |
| Etanorm FXA 65-50-250 | | 3000 1/min | | | | |



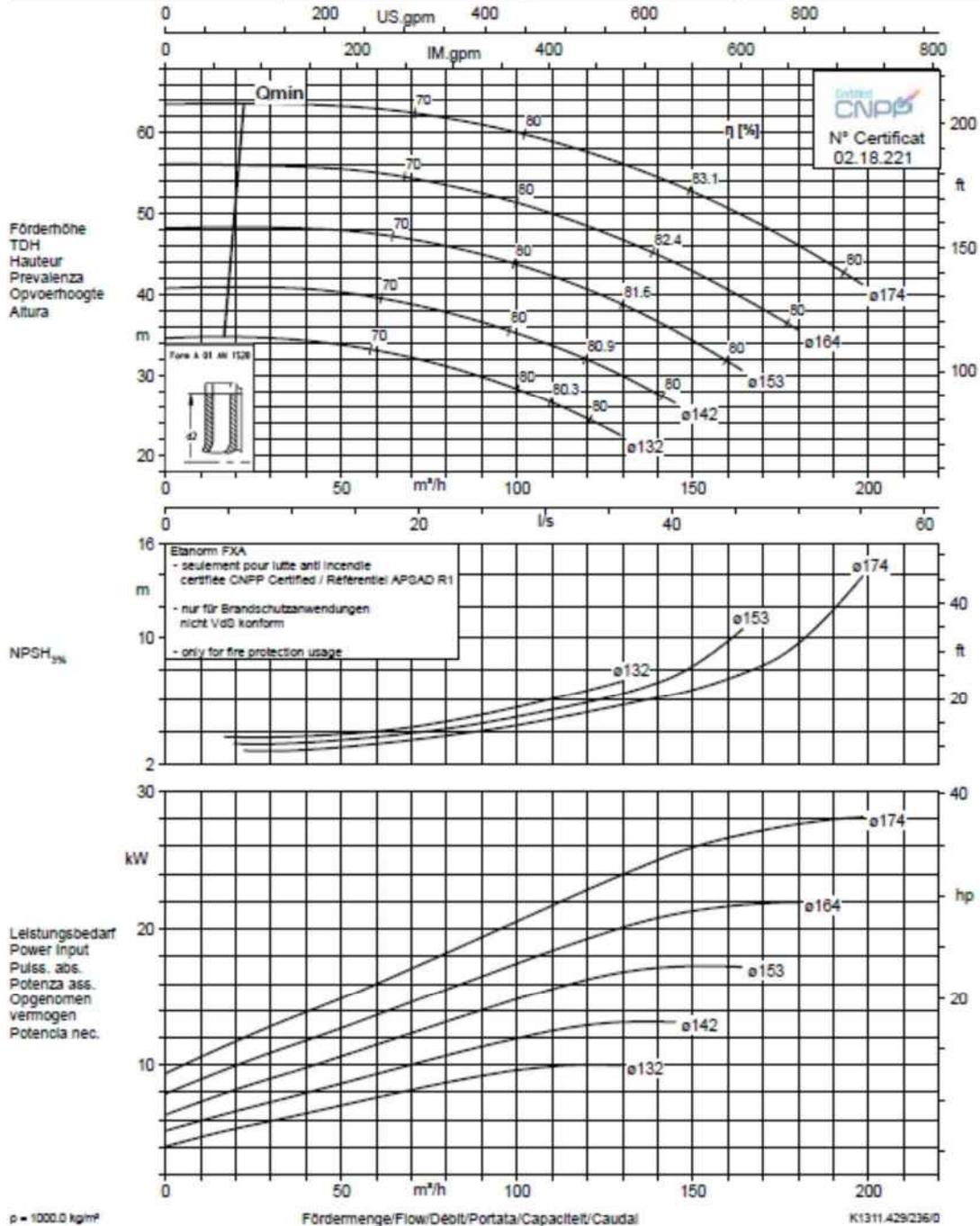
Annexe 8/40 au certificat CNPP Certified : / Appendix 8/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Pfeil-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



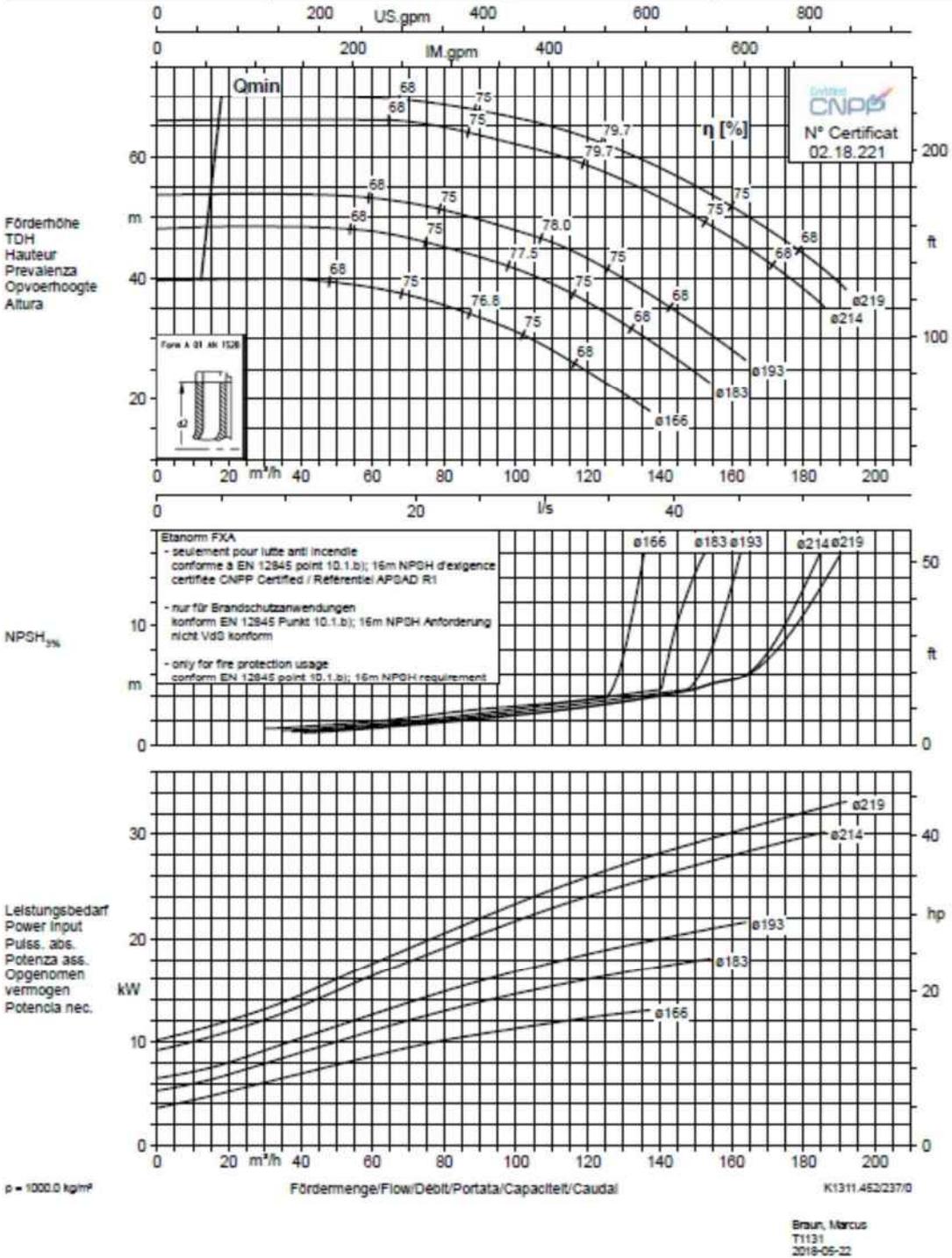
Annexe 9/40 au certificat CNPP Certified : / Appendix 9/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldien Gesellschaft Johann-Flein-Strasse 9 67227 Frankenthal |
| Etanorm FXA 80-65-160 | | 3600 1/min | | | | |
| Projekt Project Projet | Progetto Projekt Projecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



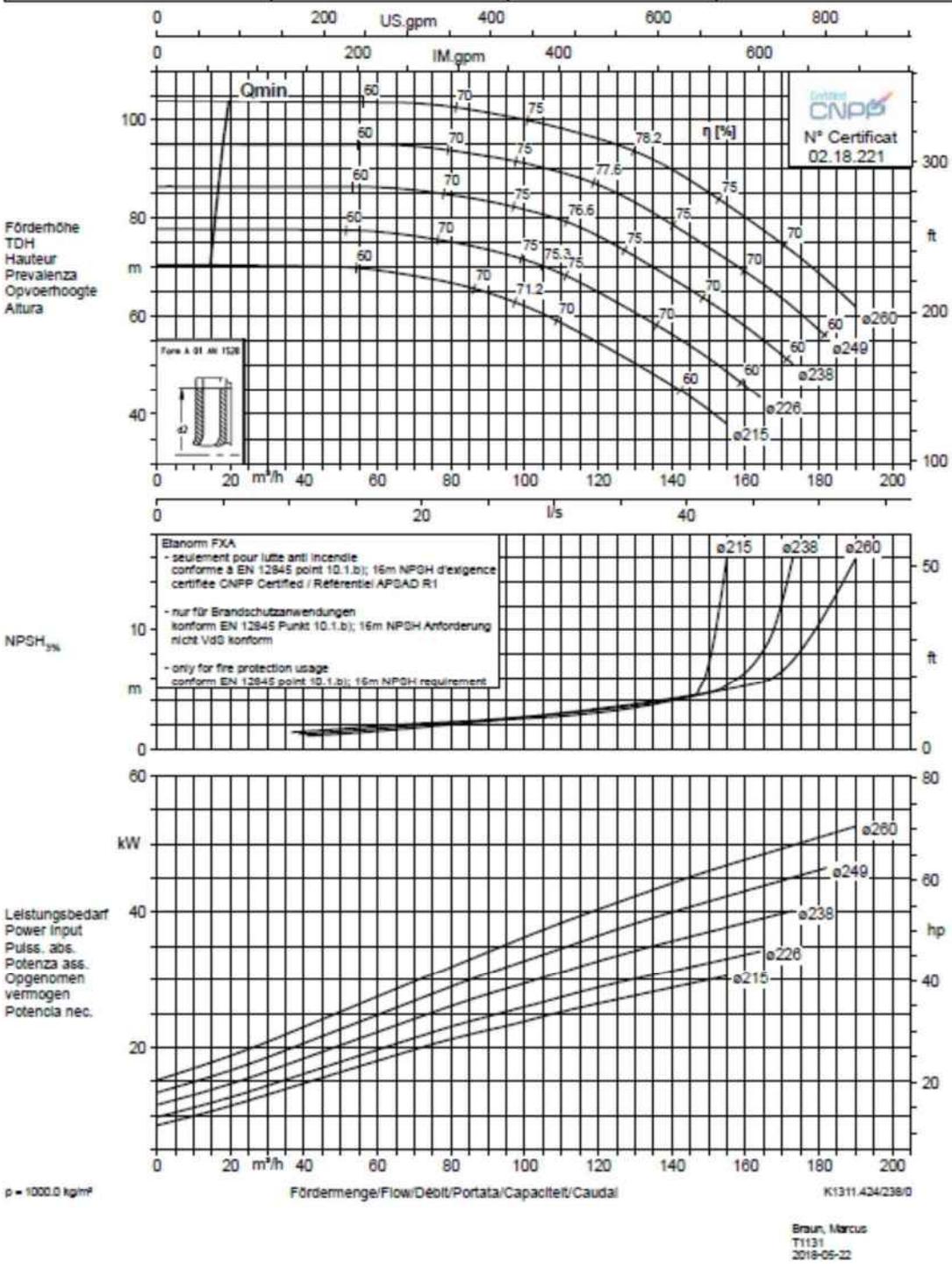
Annexe 10/40 au certificat CNPP Certified : / Appendix 10/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktien-Gesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



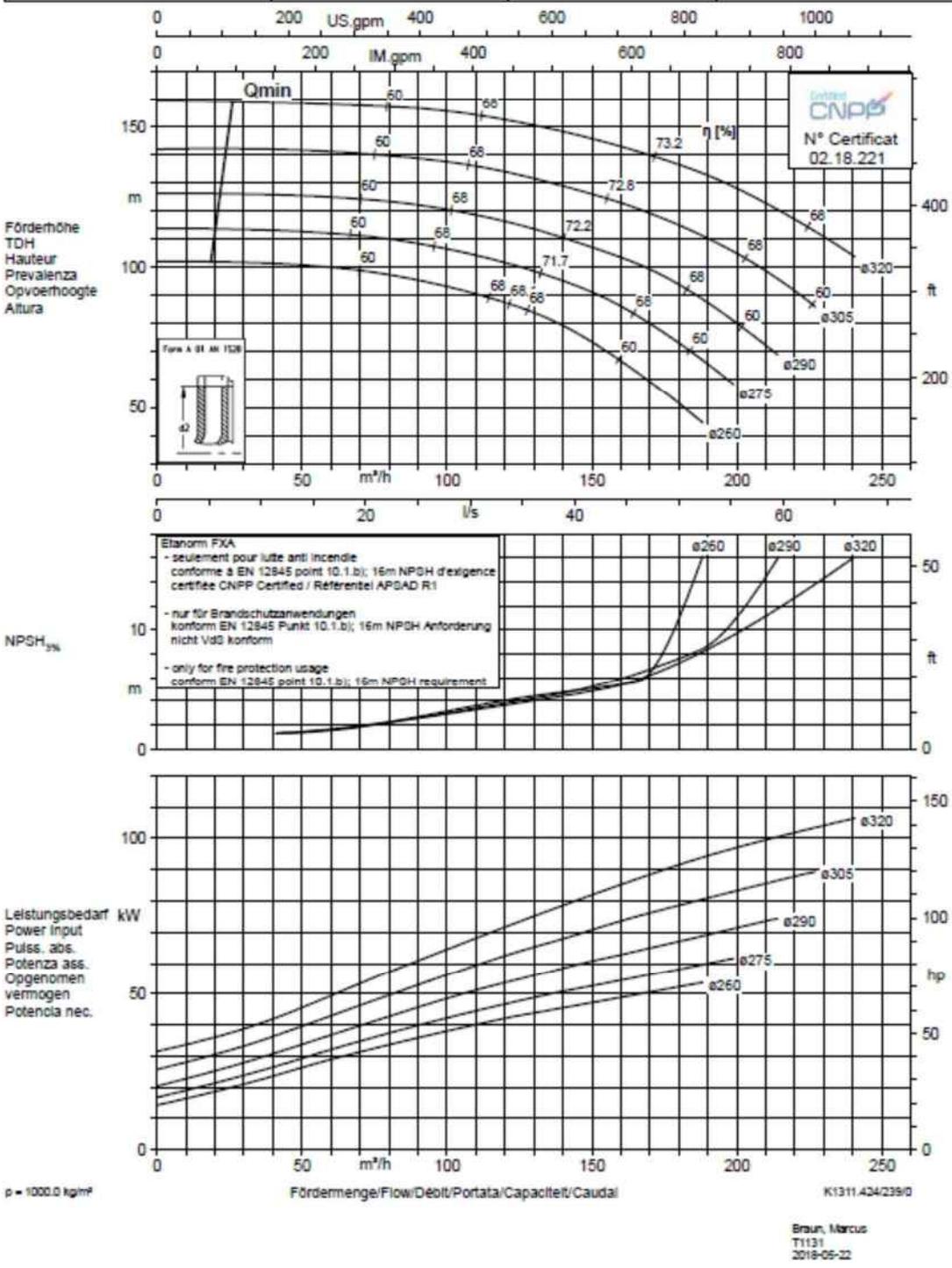
Annexe 11/40 au certificat CNPP Certified : / Appendix 11/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn-drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktien-Gesellschaft Johann-Pfein-Strasse 9 67227 Frankfurt |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



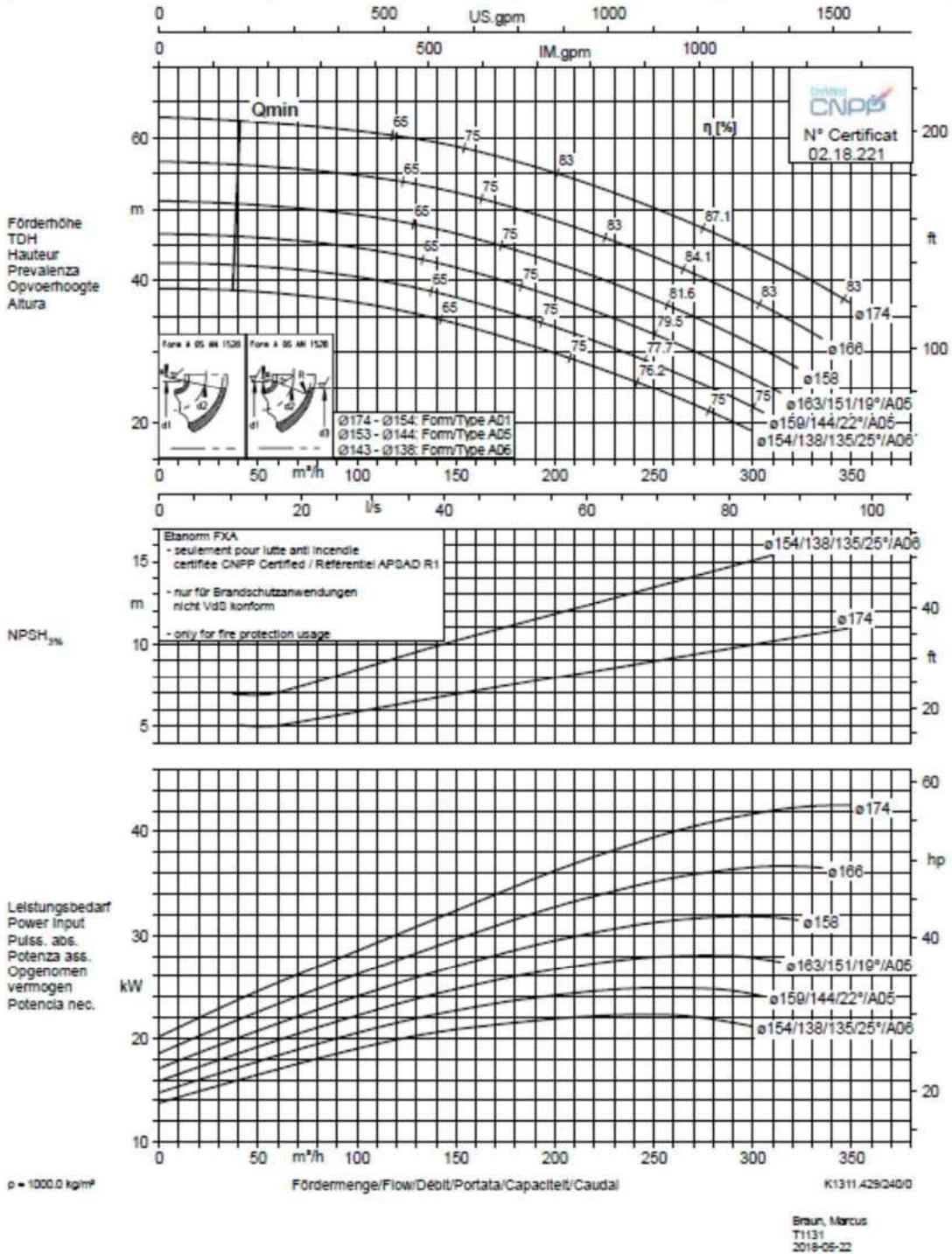
Annexe 12/40 au certificat CNPP Certified : / Appendix 12/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktien-Gesellschaft Johann-Plehn-Strasse 9 67227 Frankfurt |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



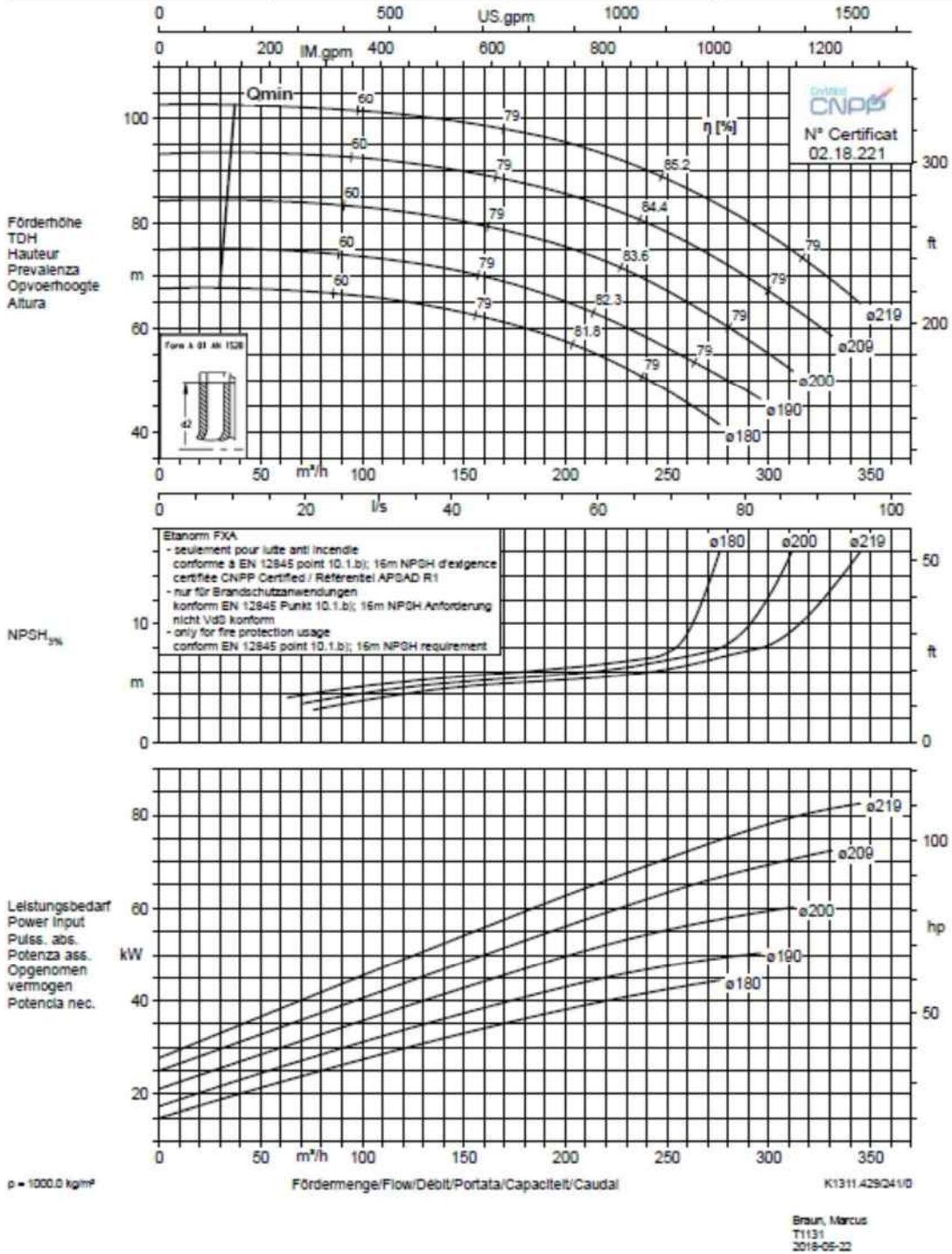
Annexe 13/40 au certificat CNPP Certified : / Appendix 13/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|-----------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocity of rotation nom Nominal Isorental Revolutions nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktiengesellschaft Johann-Plehn-Strasse 9 67227 Frankfurt |
| Etanorm FXA 100-80-160 | | 3600 1/min | | | | |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de l'offre | Offerta-No. Offertenz. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



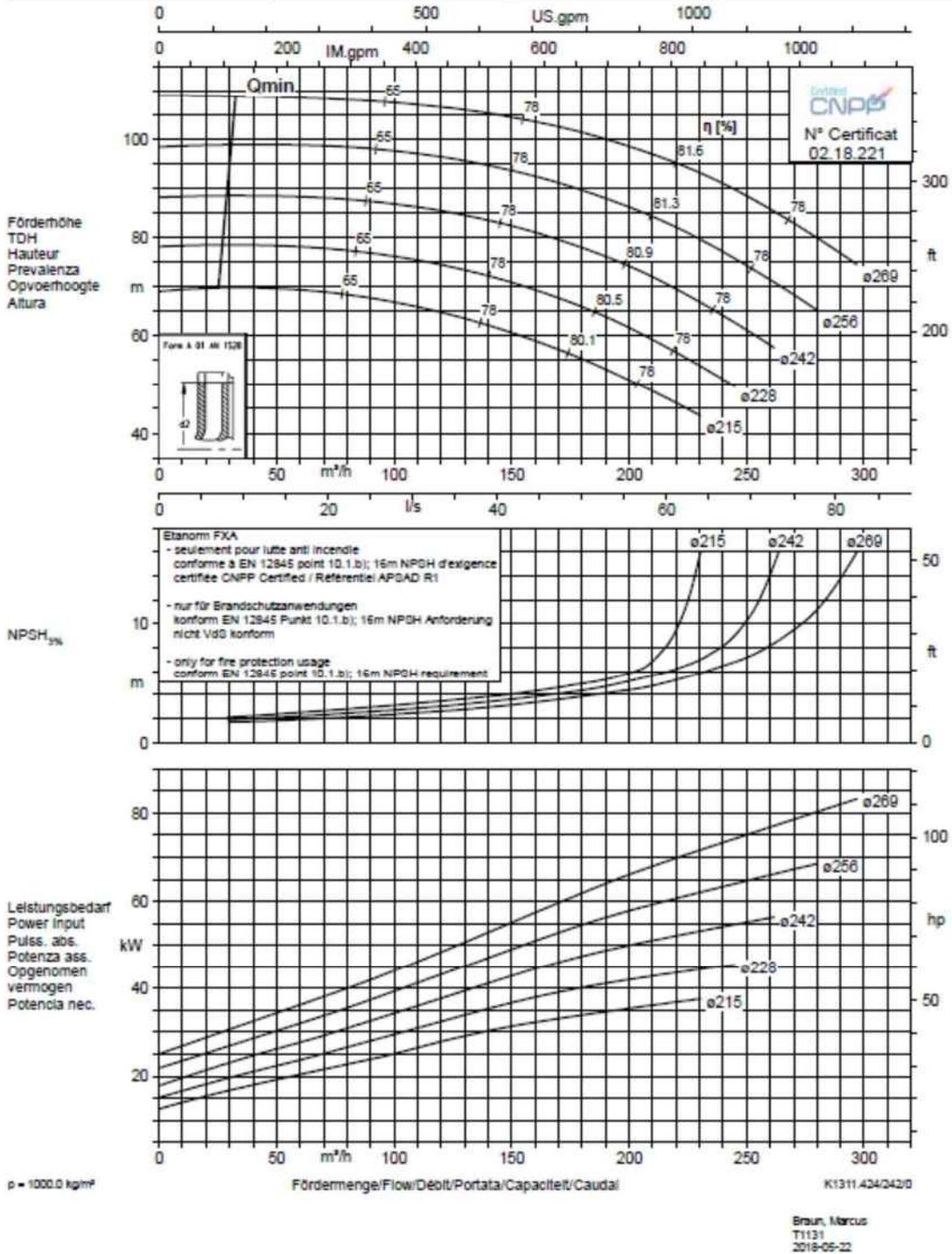
Annexe 14/40 au certificat CNPP Certified : / Appendix 14/40 of the CNPP Certified certificate : n°02.18.221 du/ of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal rotational Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Flehn-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |
| Etanorm FXA 100-80-200 | | 3600 1/min | | | | |



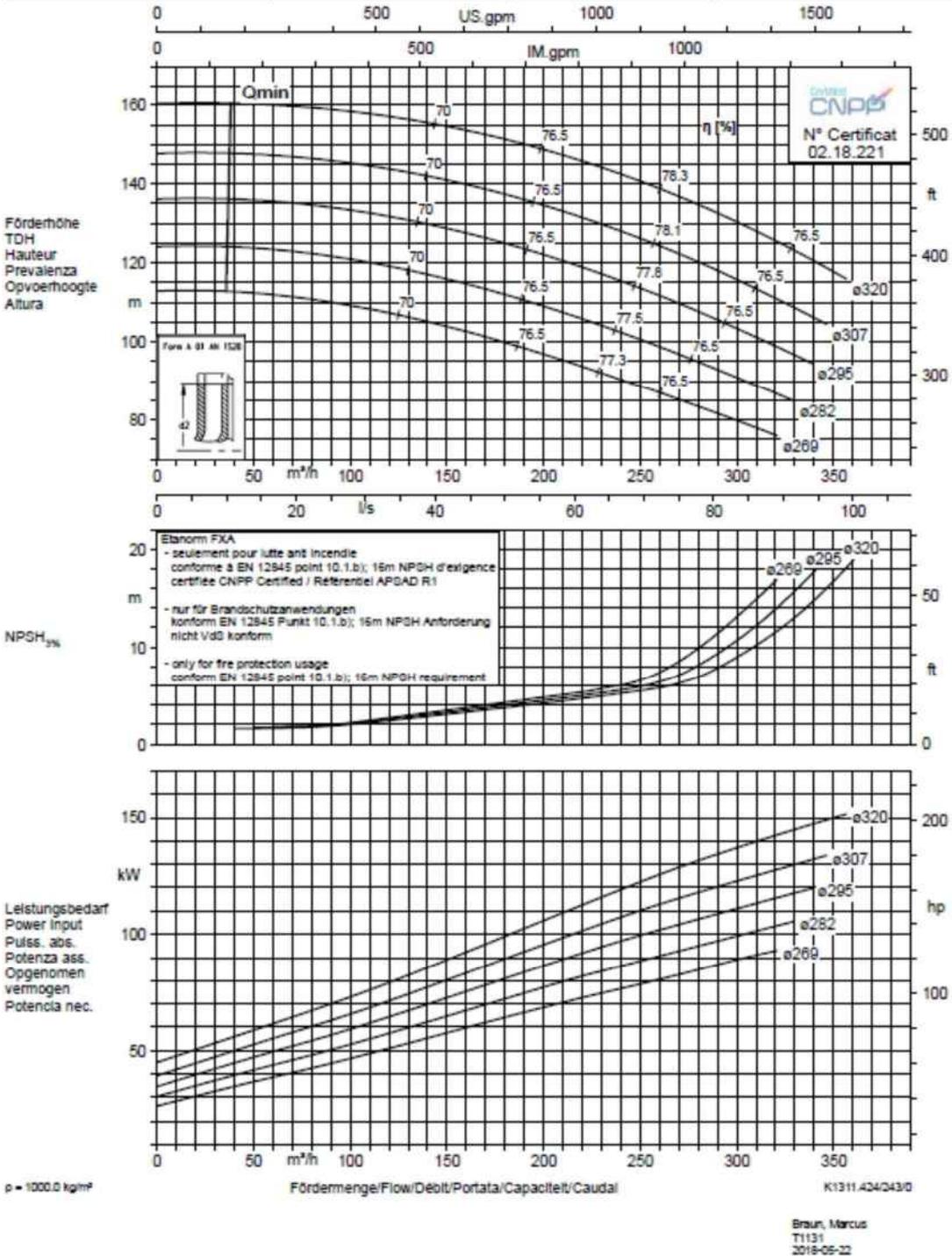
Annexe 15/40 au certificat CNPP Certified : / Appendix 15/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktien-Gesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Etanorm FXA 100-80-250 | | 3000 1/min | | | | |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



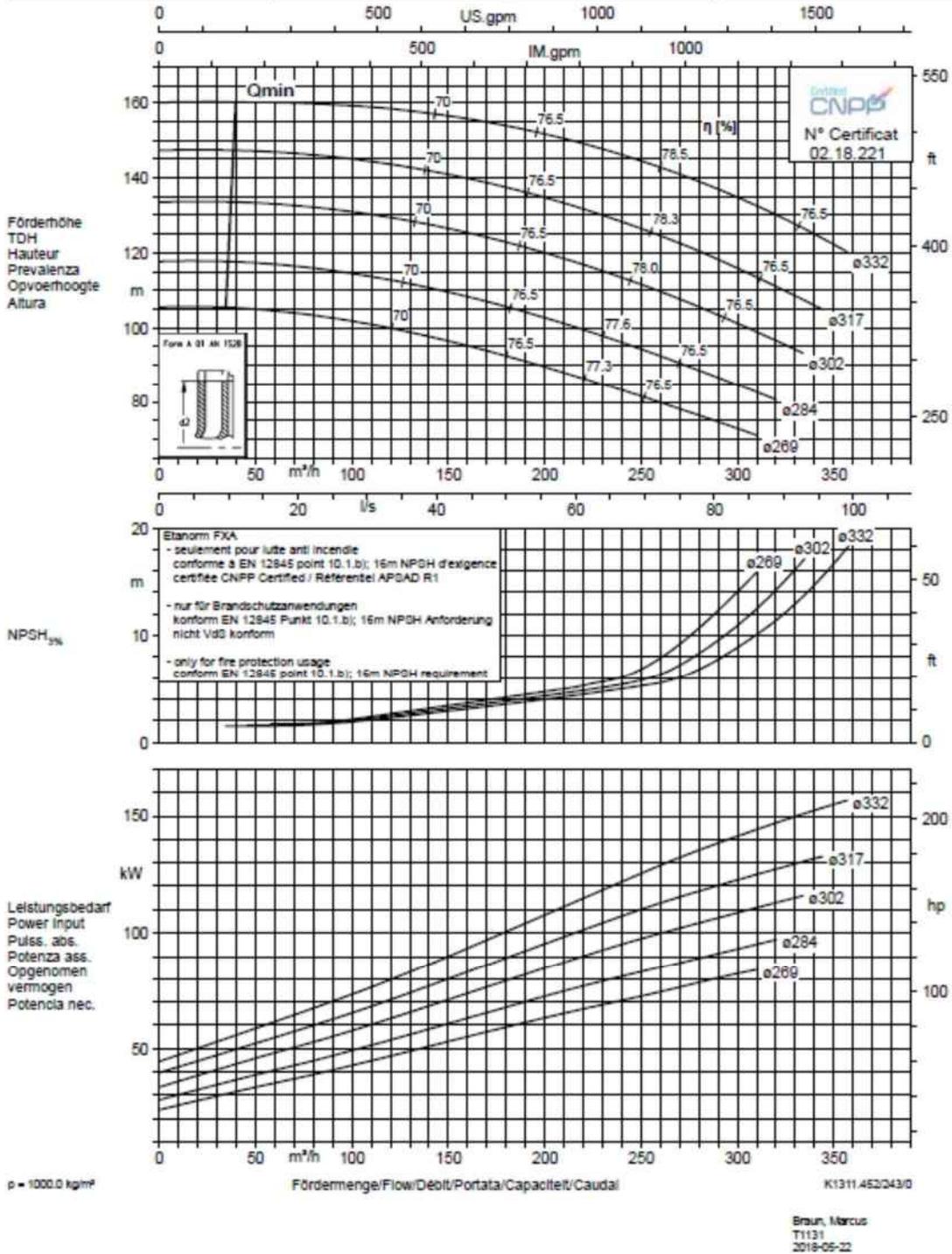
Annexe 16/40 au certificat CNPP Certified : / Appendix 16/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



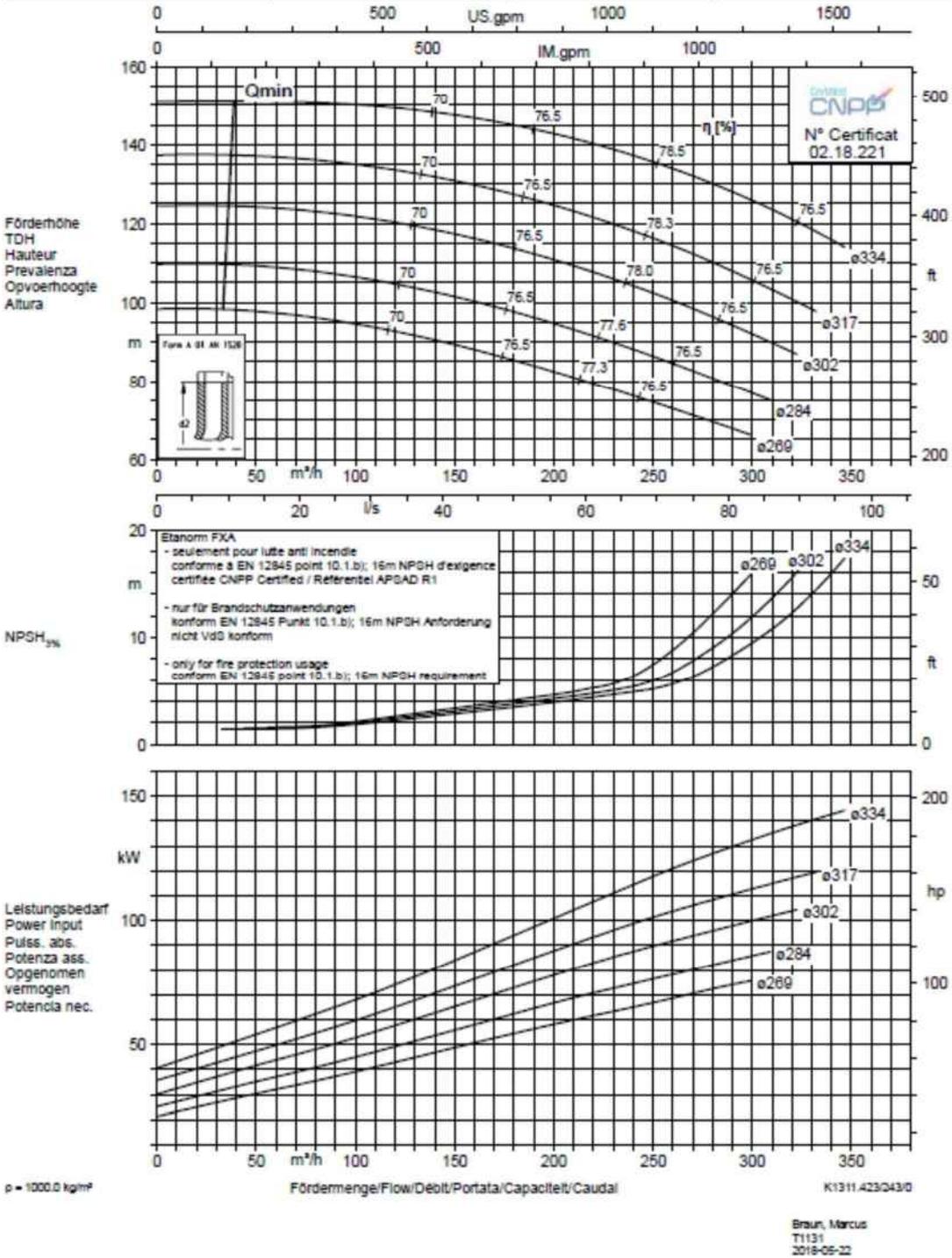
Annexe 17/40 au certificat CNPP Certified : / Appendix 17/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldinggesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Etanorm FXA 100-80-315 | | 2900 1/min | | | | |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



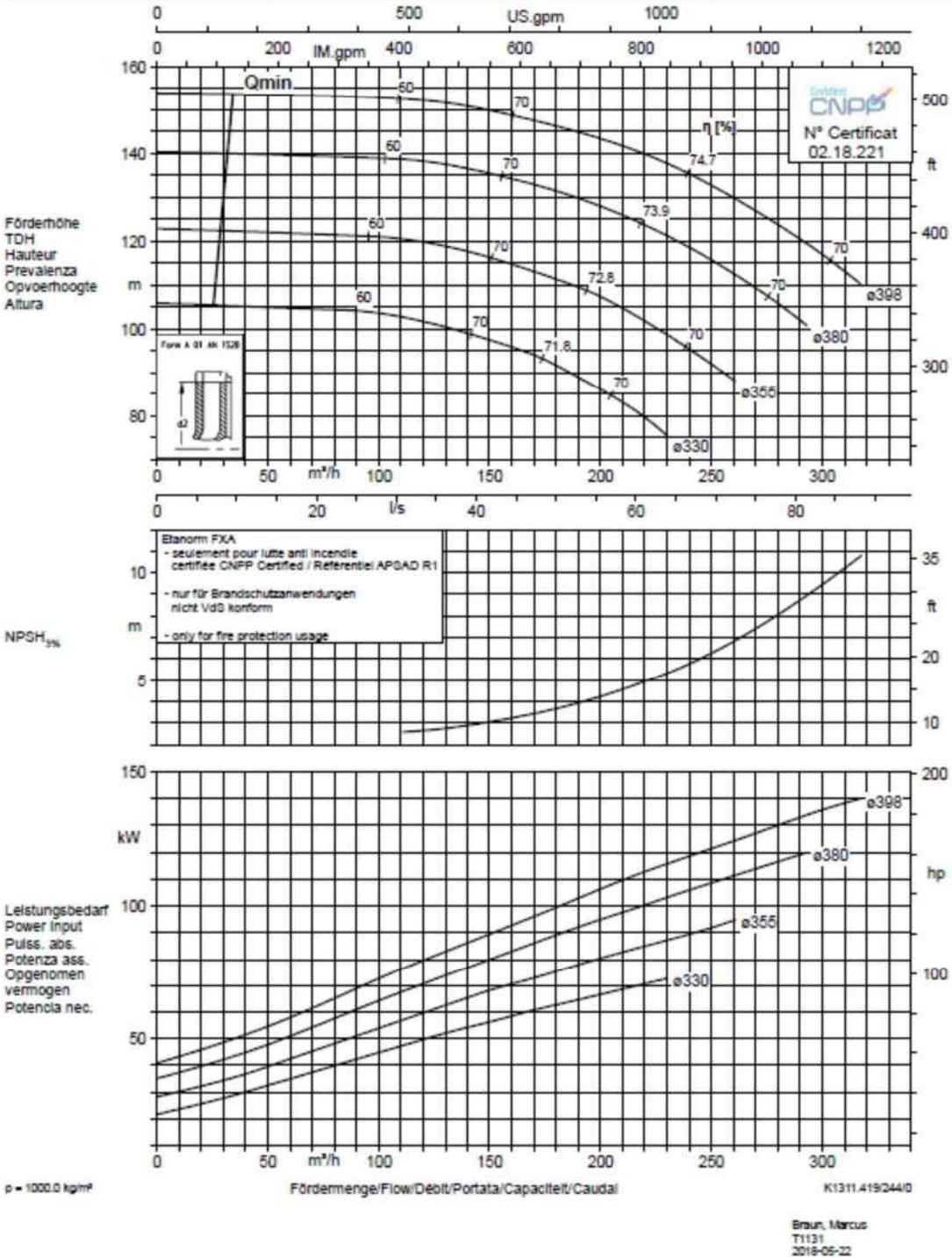
Annexe 18/40 au certificat CNPP Certified : / Appendix 18/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



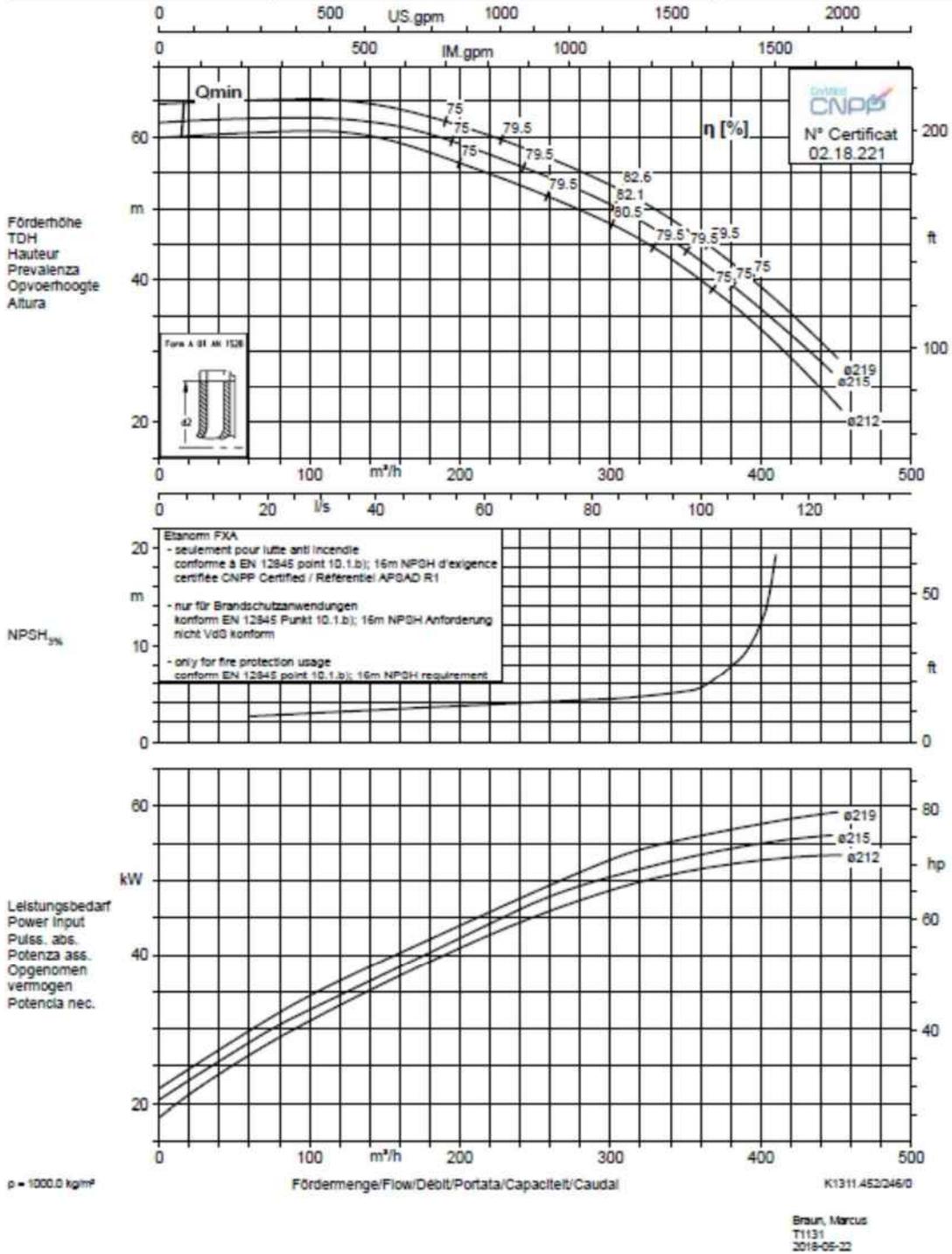
Annexe 19/40 au certificat CNPP Certified : / Appendix 19/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktiengesellschaft Johann-Plehn-Straße 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



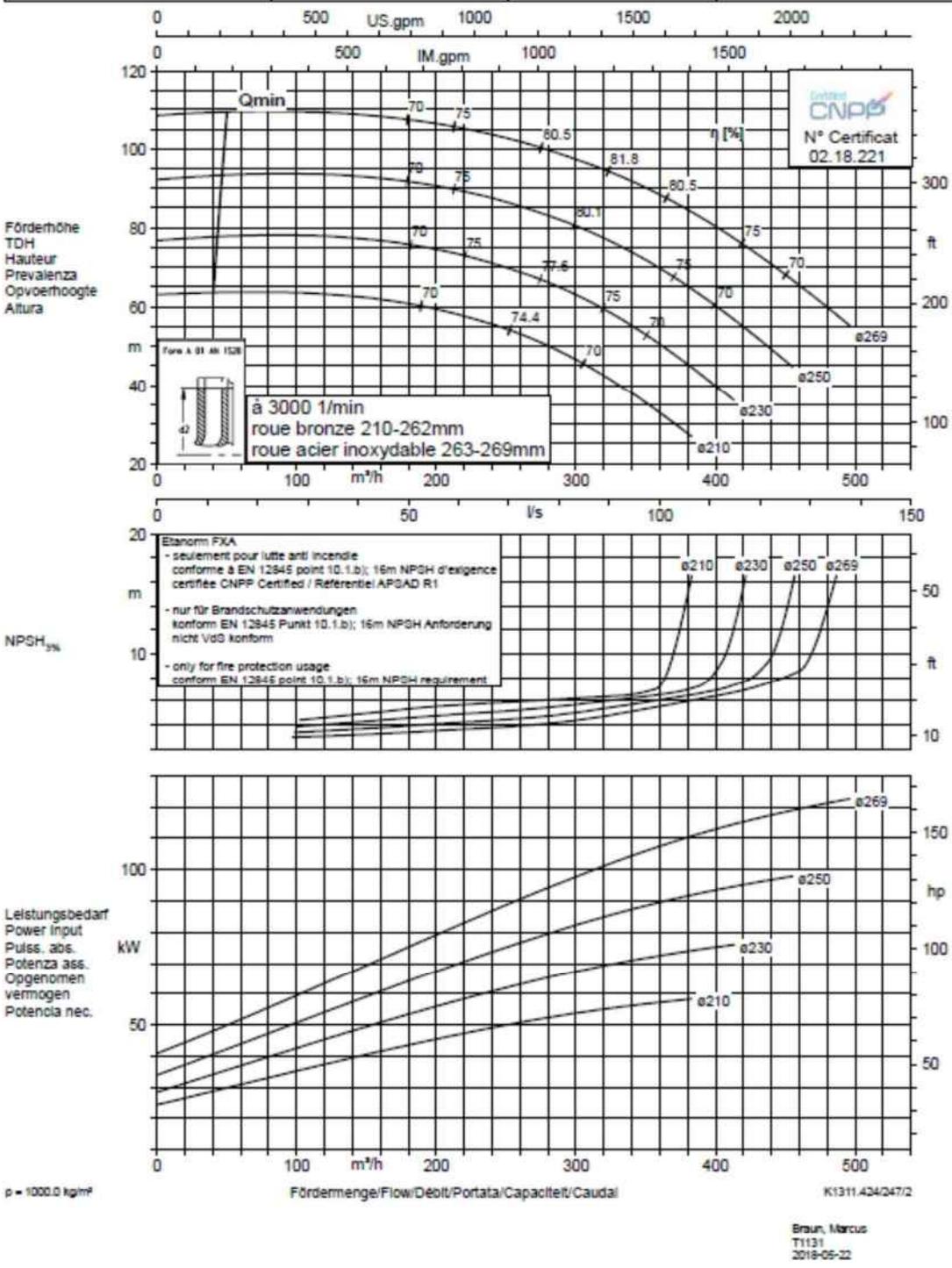
Annexe 20/40 au certificat CNPP Certified : / Appendix 20/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Alder Gesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



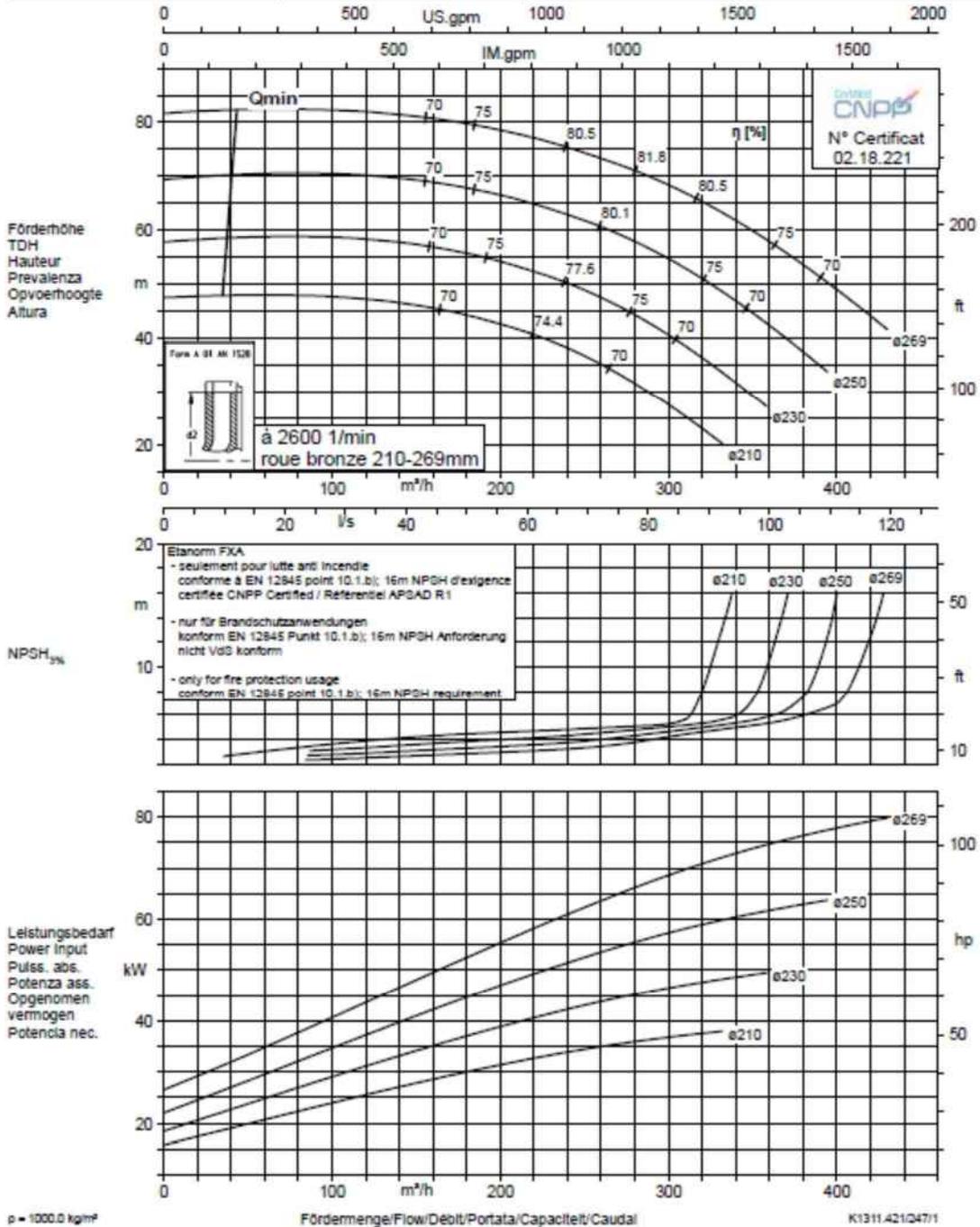
Annexe 21/40 au certificat CNPP Certified : / Appendix 21/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal rotational Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldien Gesellschaft Johann-Flein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Project Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-Nr. Offerter. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postter. Pos.-Nr. | |



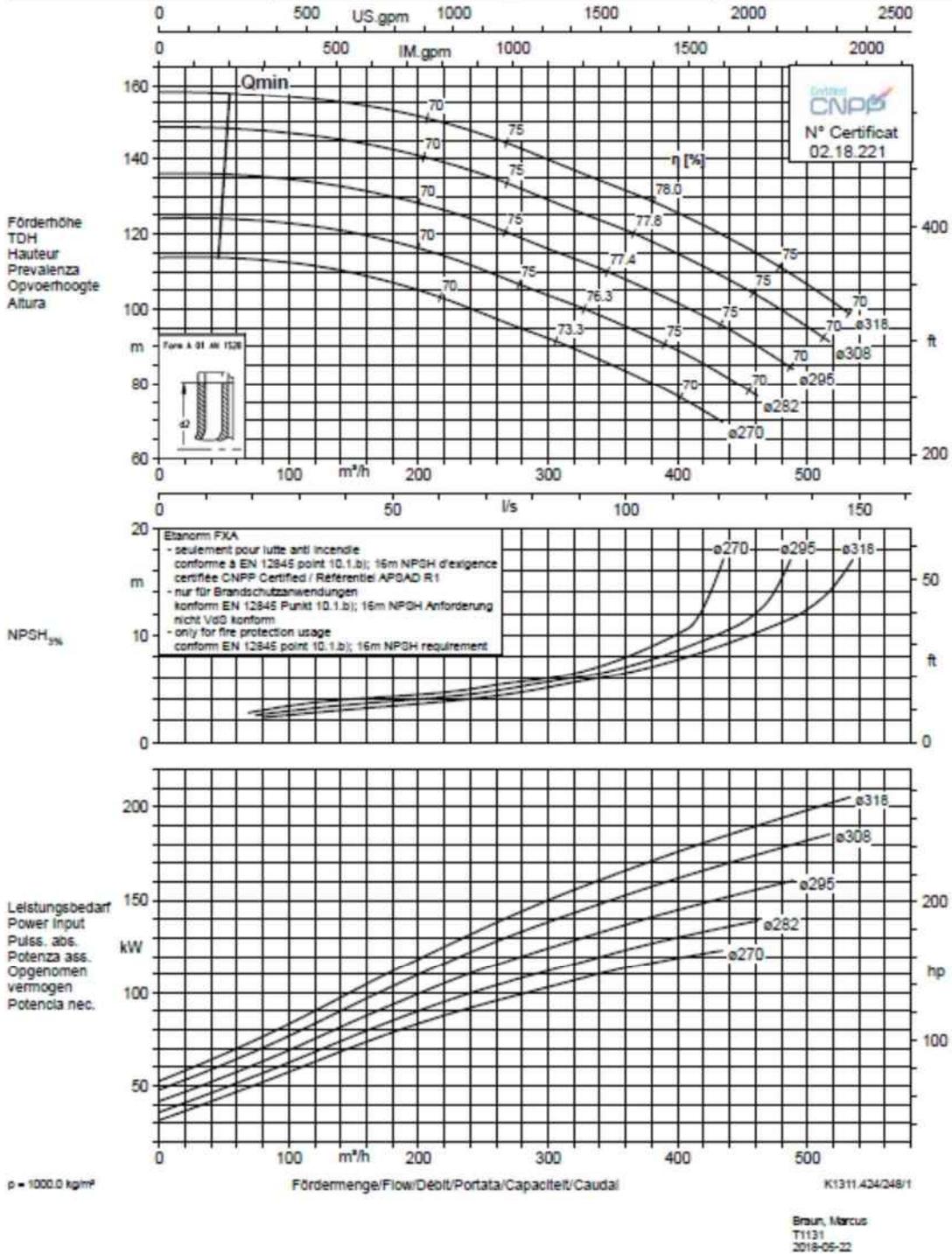
Annexe 22/40 au certificat CNPP Certified : / Appendix 22/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertnr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttentr. Pos.-Nr. | |



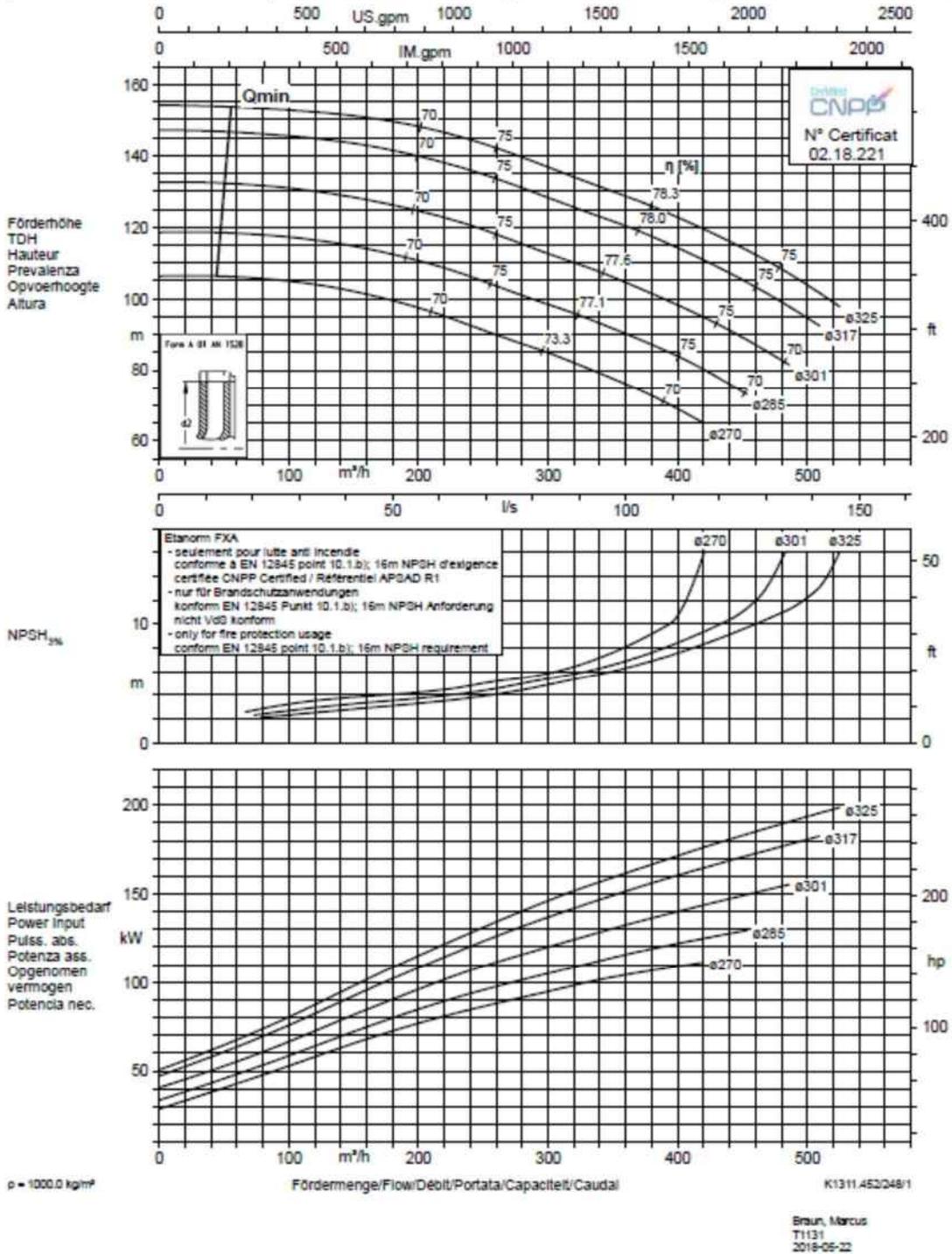
Annexe 23/40 au certificat CNPP Certified : / Appendix 23/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktien-Gesellschaft Johann-Pfein-Strasse 9 67227 Frankfurt |
| Projekt Project Projet | Progetto Project Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |
| Etanorm FXA 125-100-315 | | 3000 1/min | | | | |



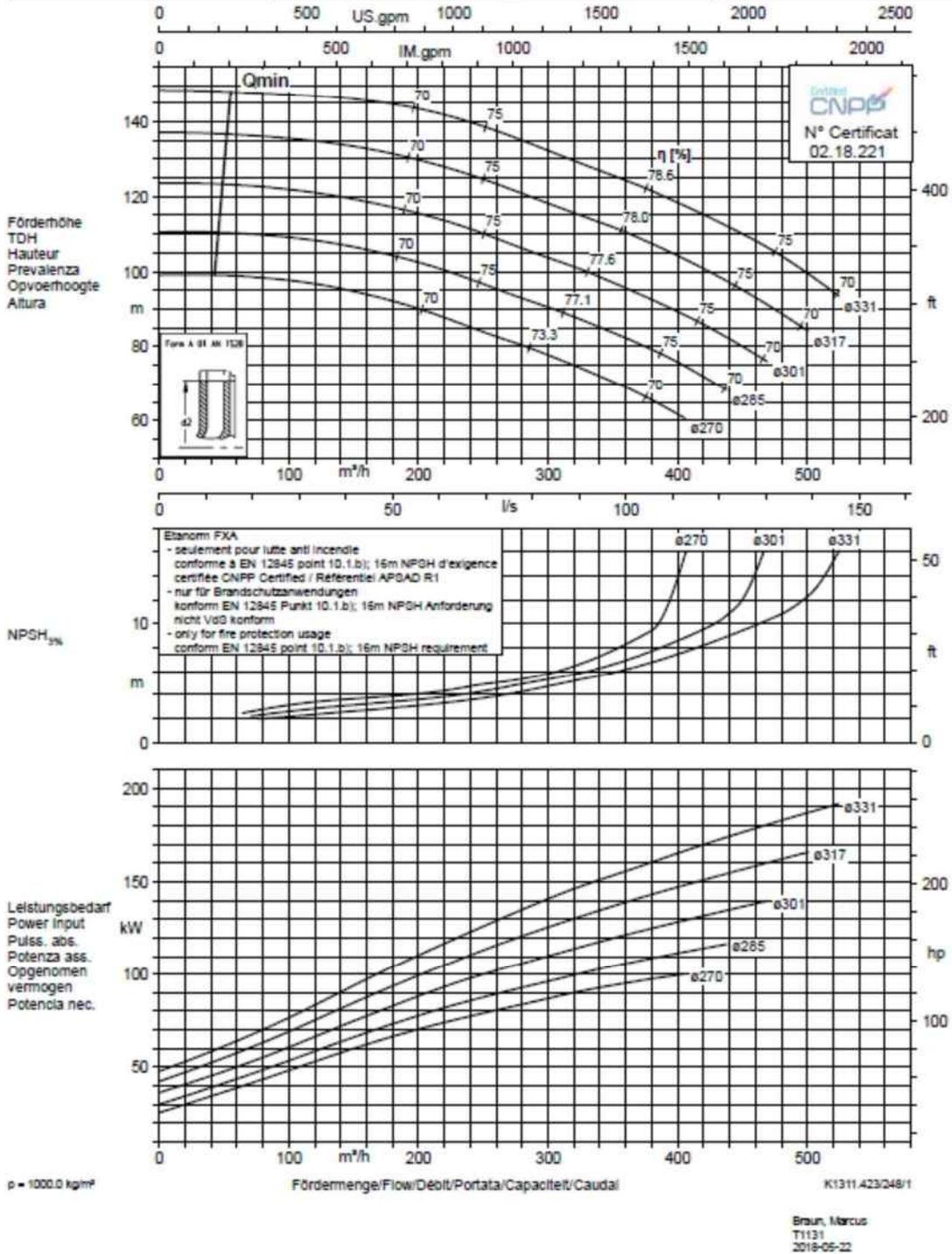
Annexe 24/40 au certificat CNPP Certified : / Appendix 24/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|-----------------------------------------------|----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocity of rotation nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktiengesellschaft Johann-Plehn-Straße 9 67227 Frankfurt |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de l'offre | Offerta-No. Offertenz. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postenz. Pos.-Nr. | |
| Etanorm FXA 125-100-315 | | 2900 1/min | | | | |



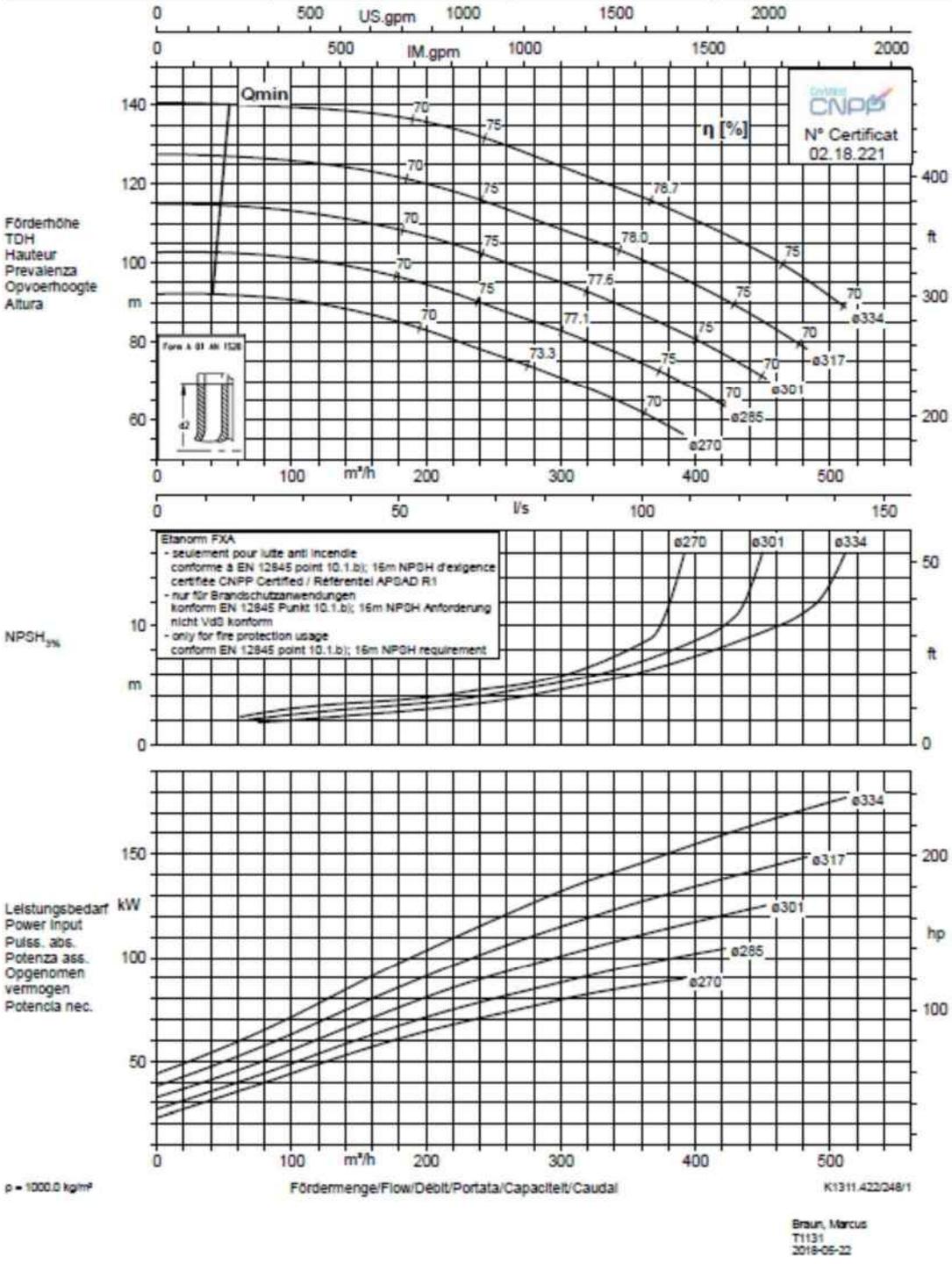
Annexe 25/40 au certificat CNPP Certified : / Appendix 25/40 of the CNPP Certified certificate : n°02.18.221 du/ of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktiengesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |
| Etanorm FXA 125-100-315 | | 2800 1/min | | | | |



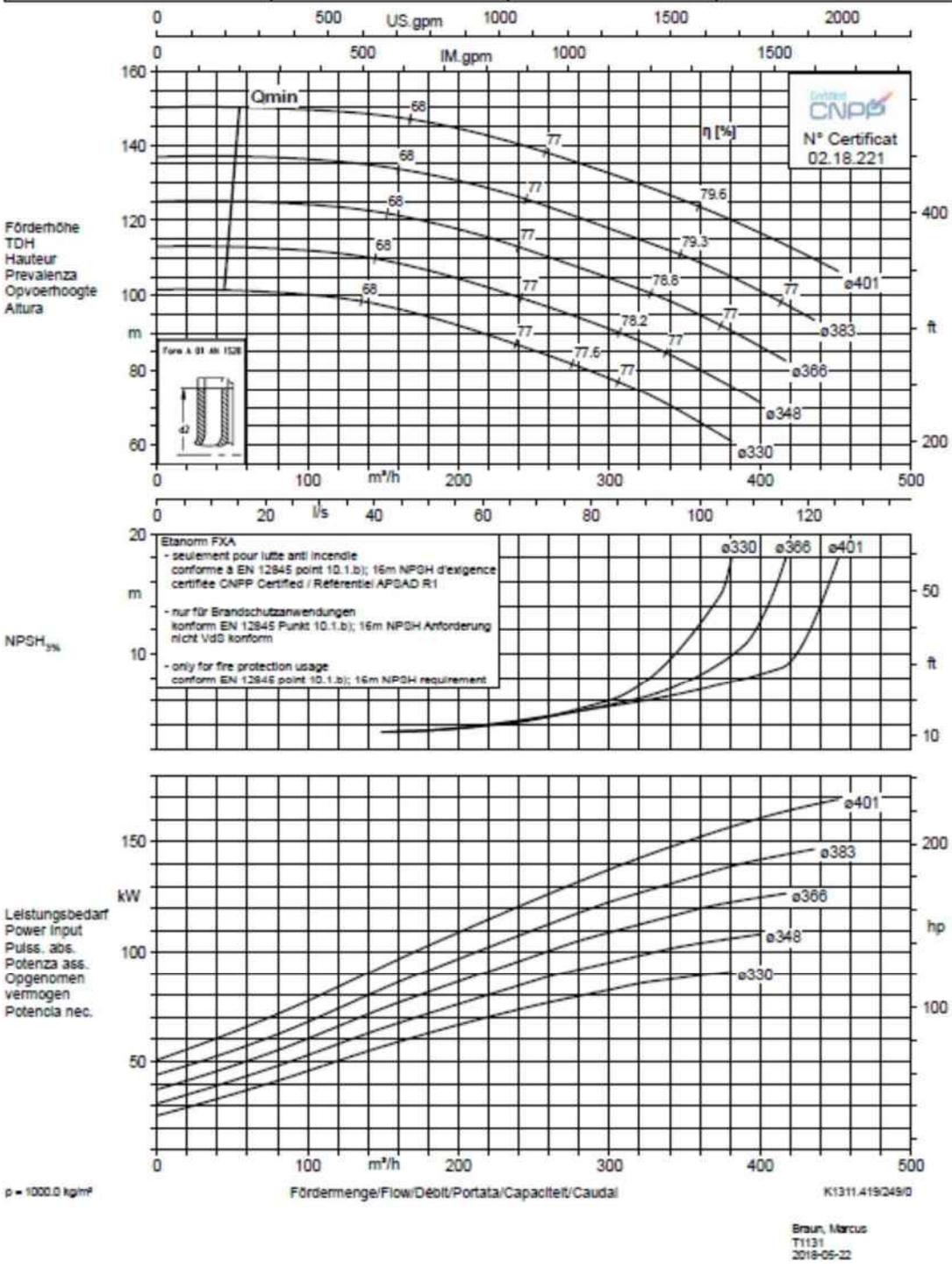
Annexe 26/40 au certificat CNPP Certified : / Appendix 26/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Alder Gesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



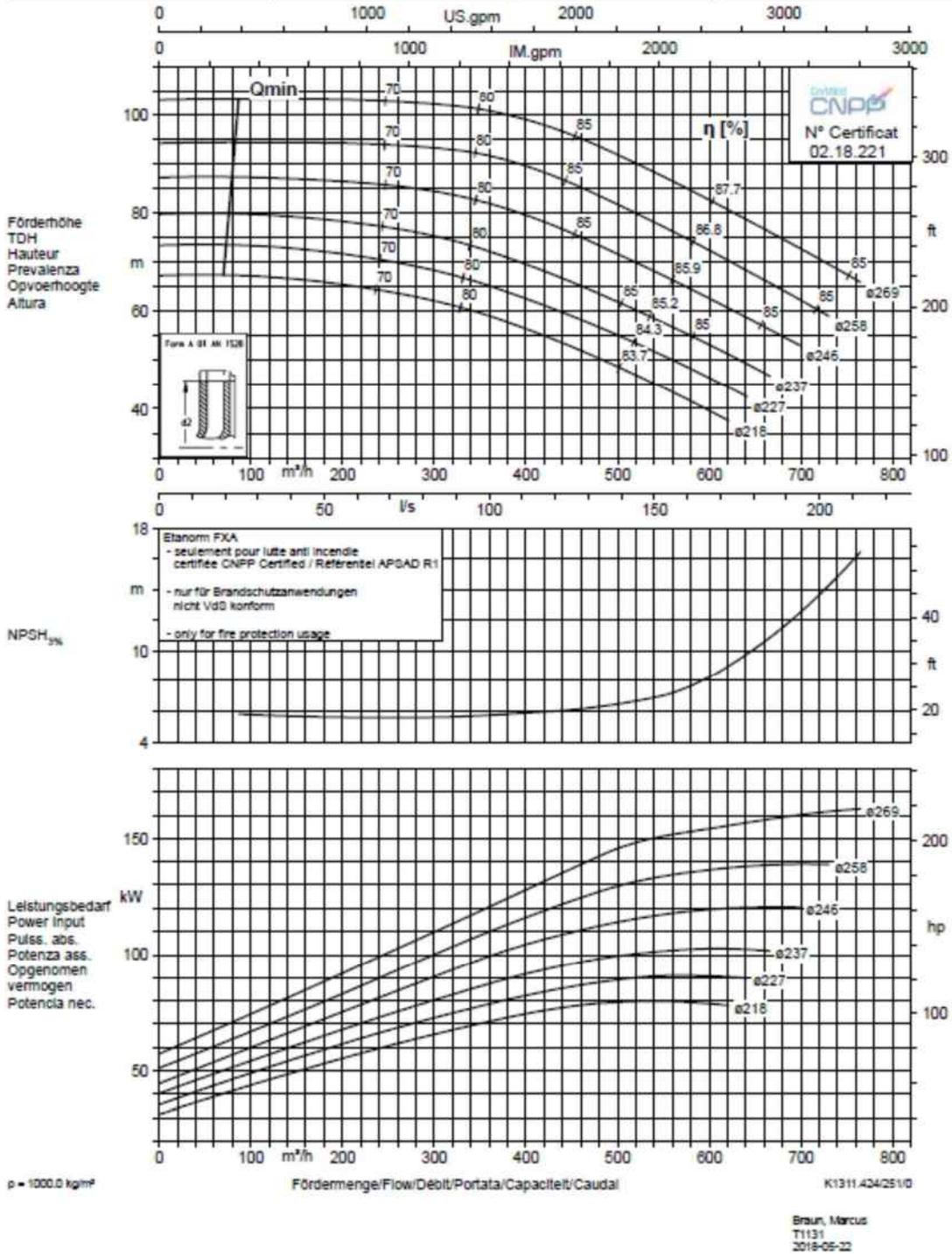
Annexe 27/40 au certificat CNPP Certified : / Appendix 27/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn-drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktien-Gesellschaft Johann-Klein-Strasse 9 67227 Frankfurt |
| Projekt Project Projet | Progetto Project Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



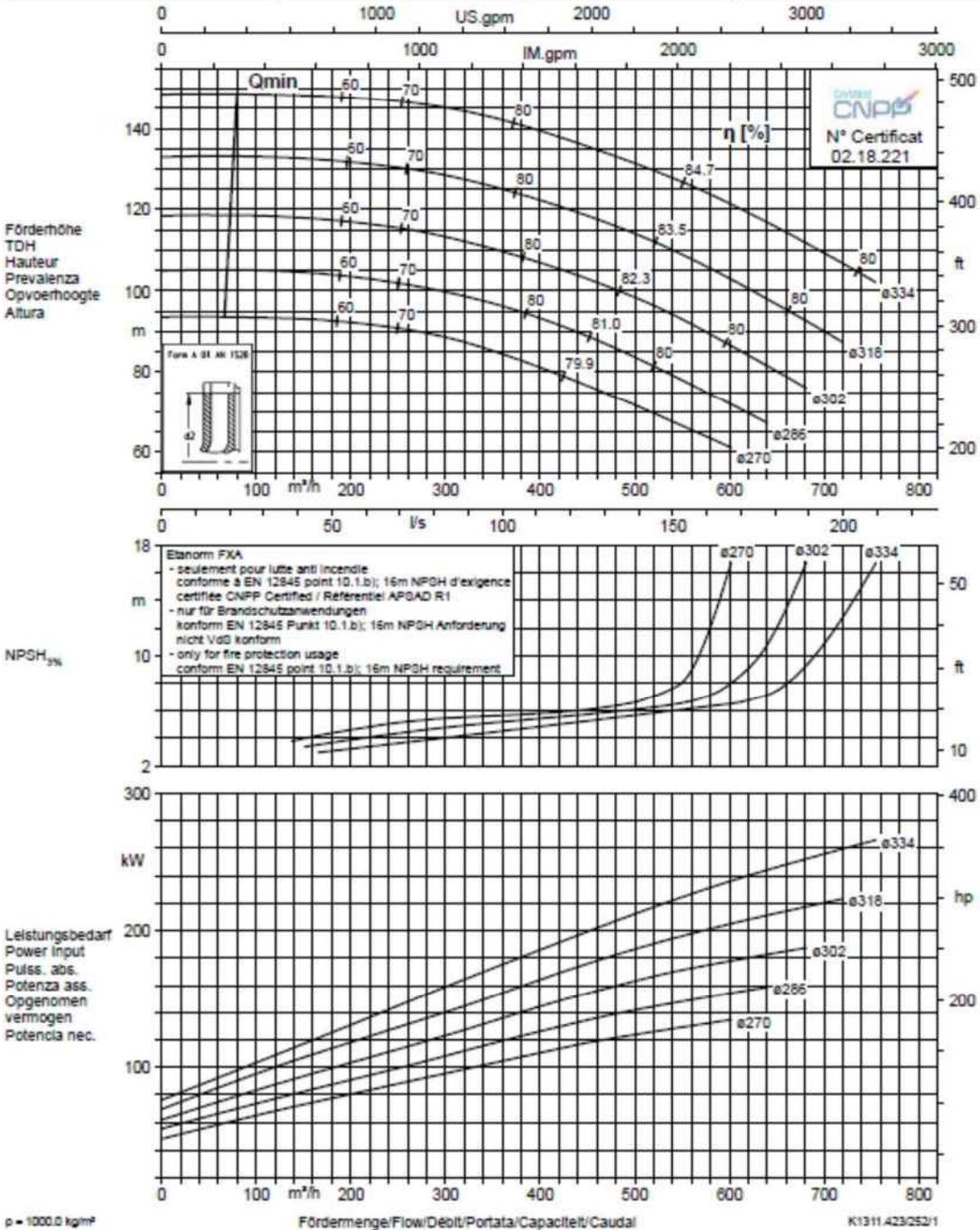
Annexe 28/40 au certificat CNPP Certified : / Appendix 28/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isobental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Flein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertennr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttennr. Pos.-Nr. | |



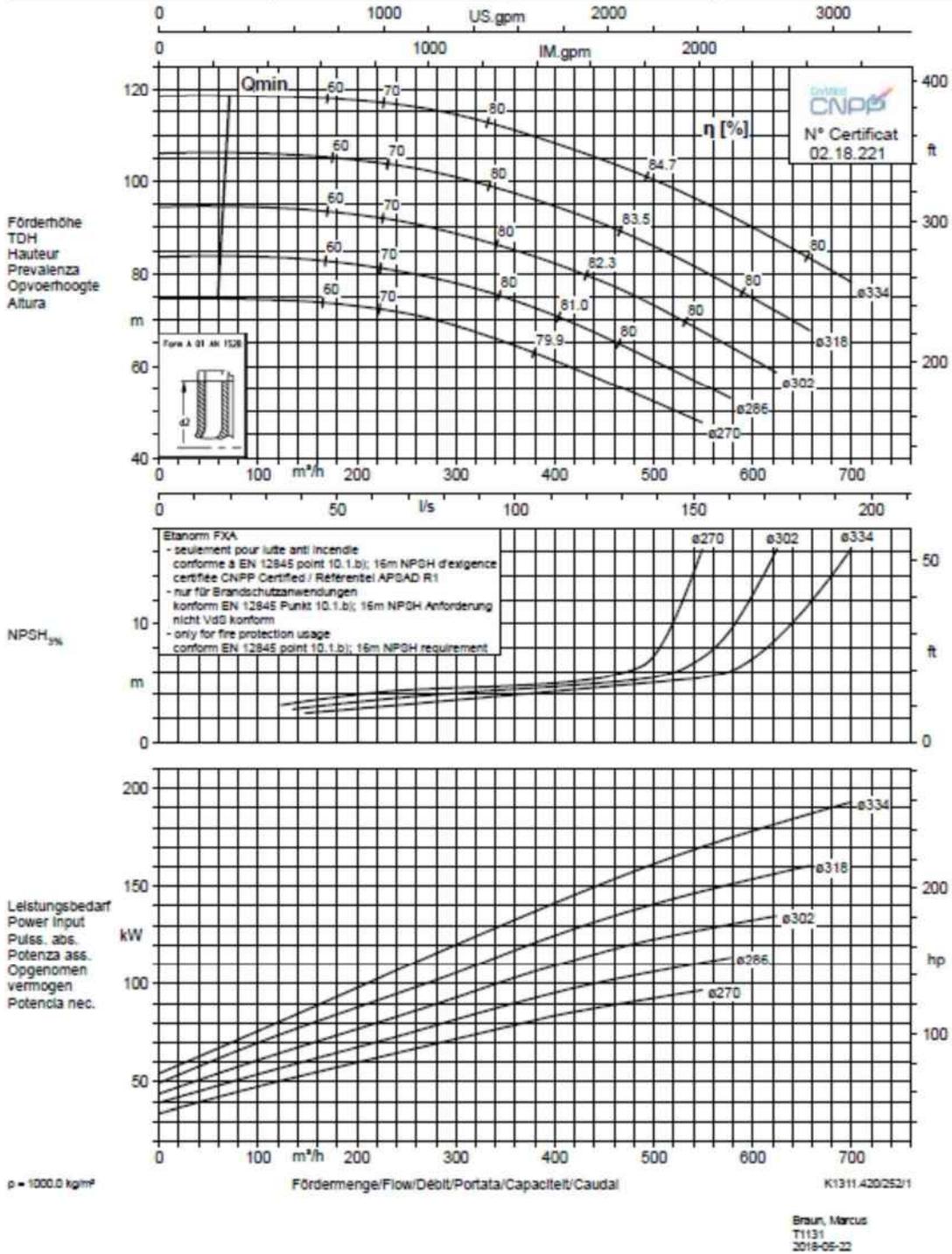
Annexe 29/40 au certificat CNPP Certified : / Appendix 29/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|----------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertennr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postennr. Pos.-Nr. | |



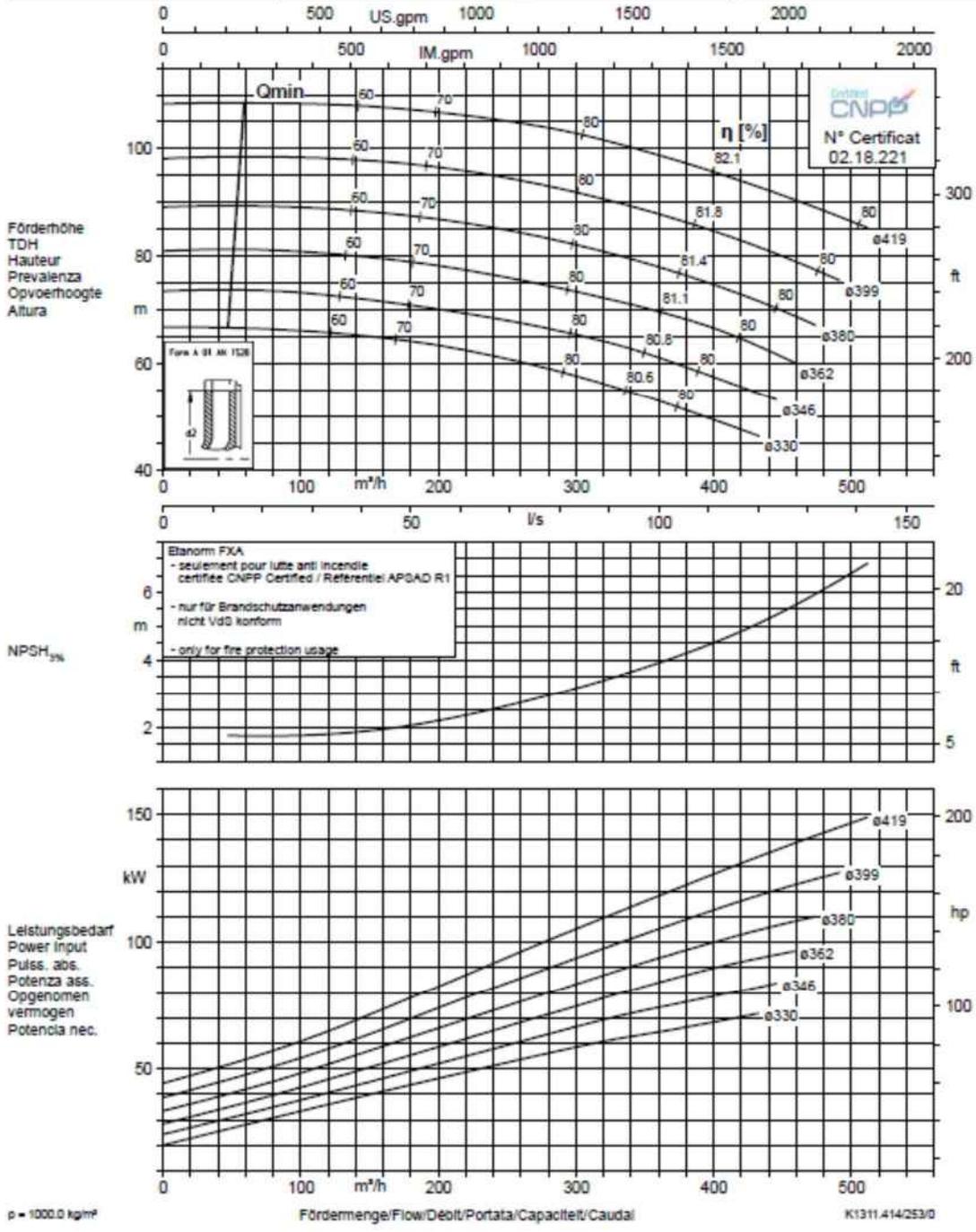
Annexe 30/40 au certificat CNPP Certified : / Appendix 30/40 of the CNPP Certified certificate : n°02.18.221 du/ of 19/04/2021

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|----------------------------------------|---------------------------------|----------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Velocità nom. | Velocità di rotazione nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Plehn-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



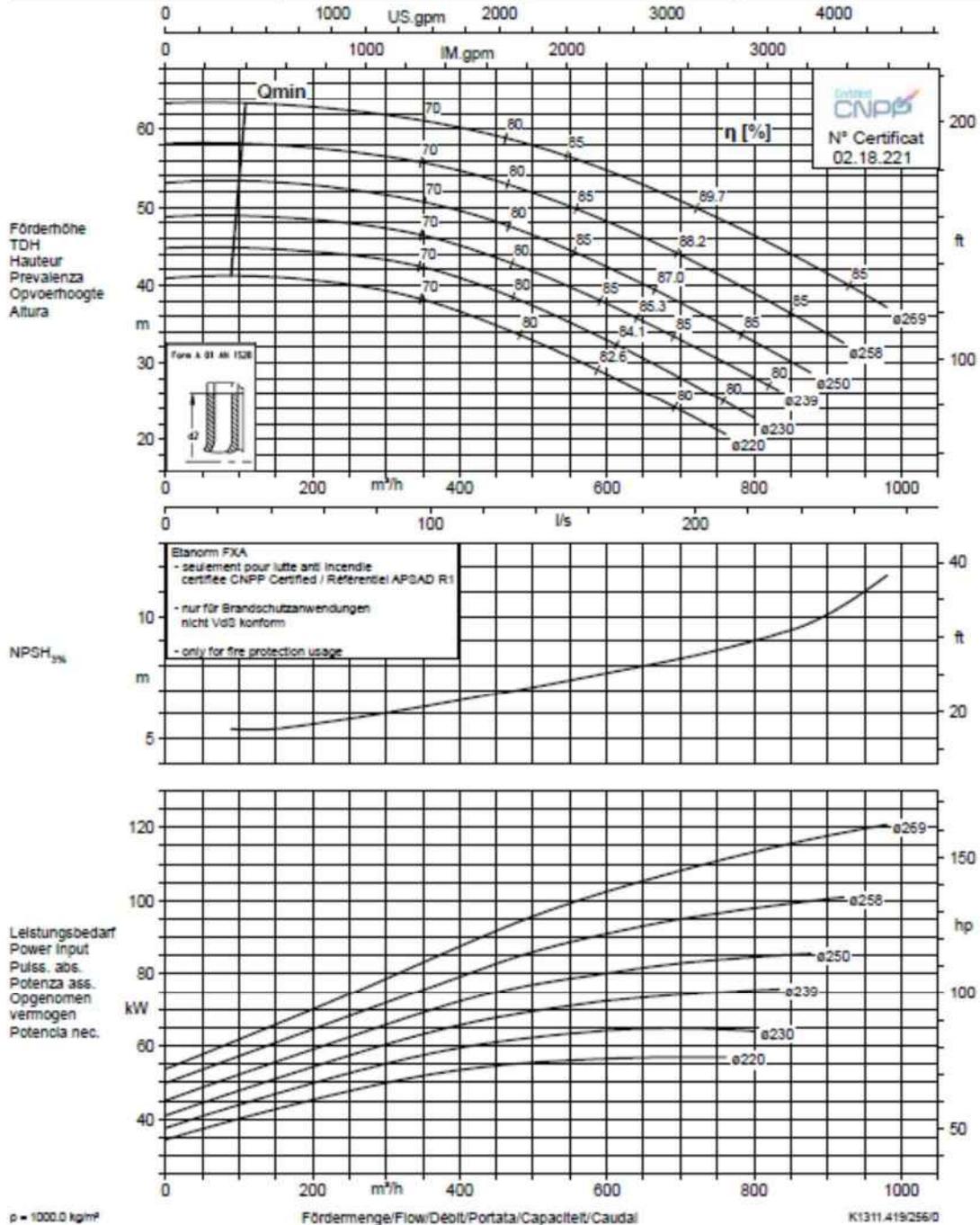
Annexe 31/40 au certificat CNPP Certified : / Appendix 31/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktien-Gesellschaft Johann-Plehn-Strasse 9 67227 Frankfurt |
| Etanorm FXA 150-125-400 | | 1900 1/min | | | | |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



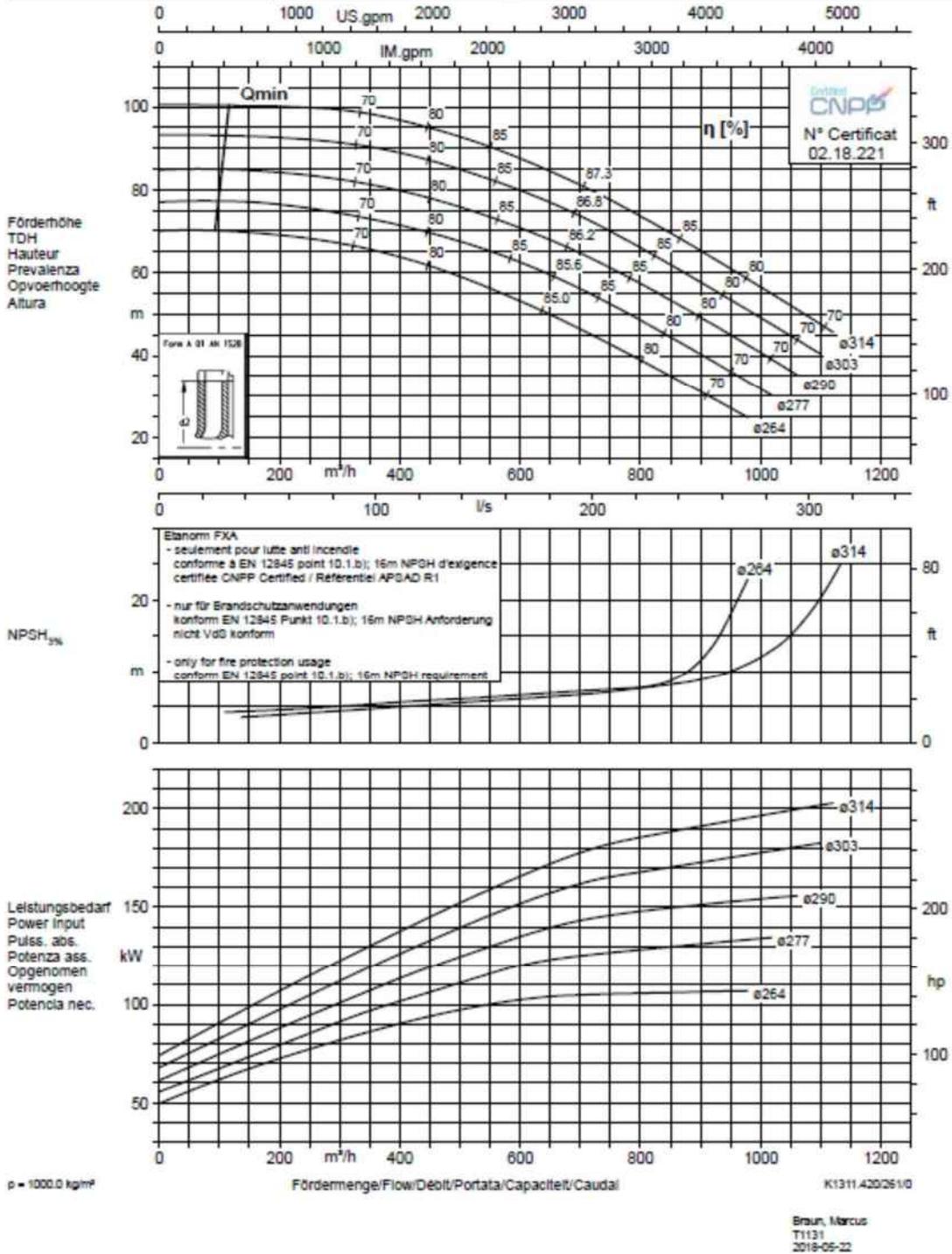
Annexe 32/40 au certificat CNPP Certified : / Appendix 32/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal rotational Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktiengesellschaft Johann-Klein-Straße 9 67227 Frankenthal |
| Etanorm FXA 200-150-250 | | 2400 1/min | | | | |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offerterr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postterr. Pos.-Nr. | |



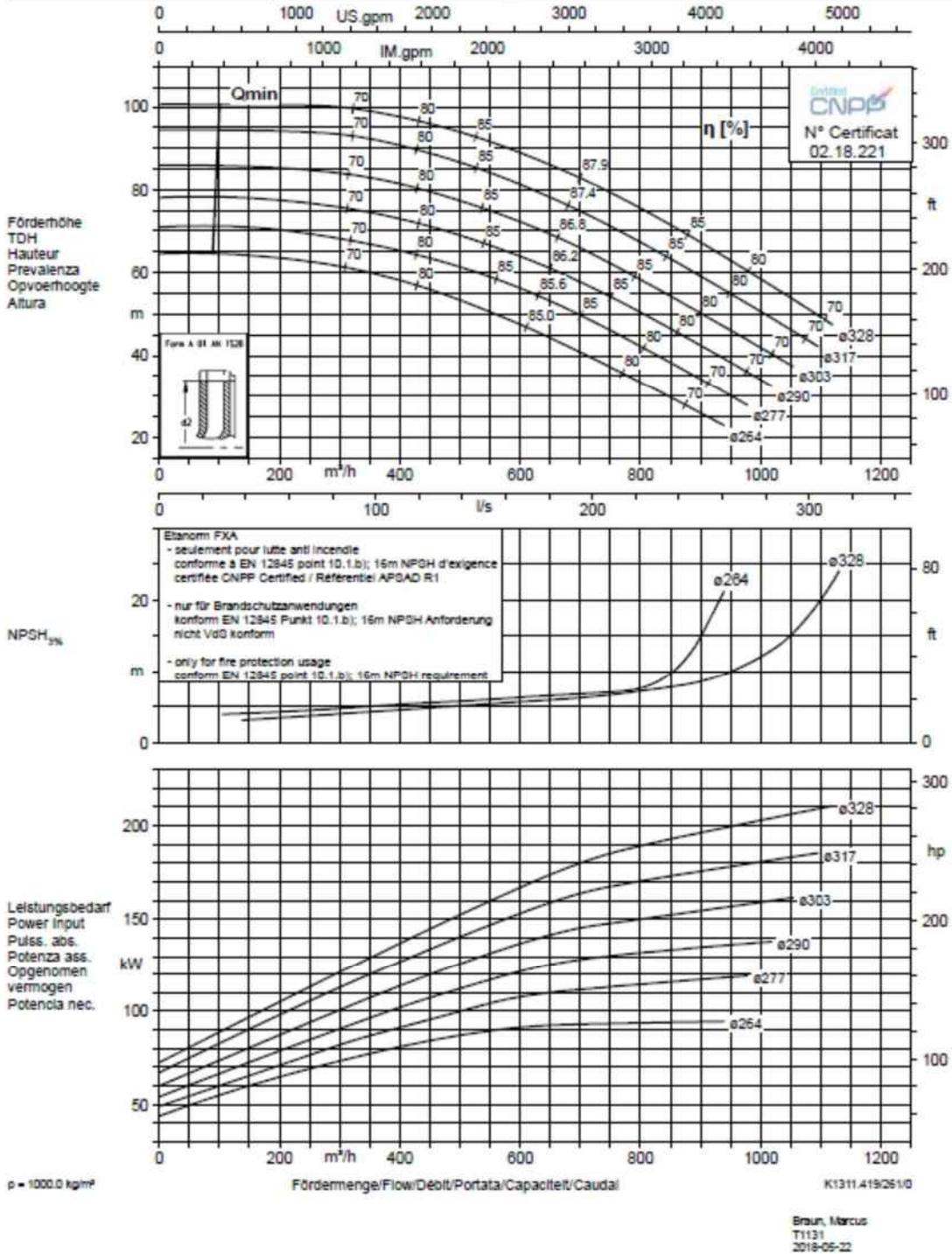
Annexe 33/40 au certificat CNPP Certified : / Appendix 33/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktien-Gesellschaft Johann-Pfein-Strasse 9 67227 Frankfurt |
| Etanorm FXA 200-150-315 | | 2500 1/min | | | | |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



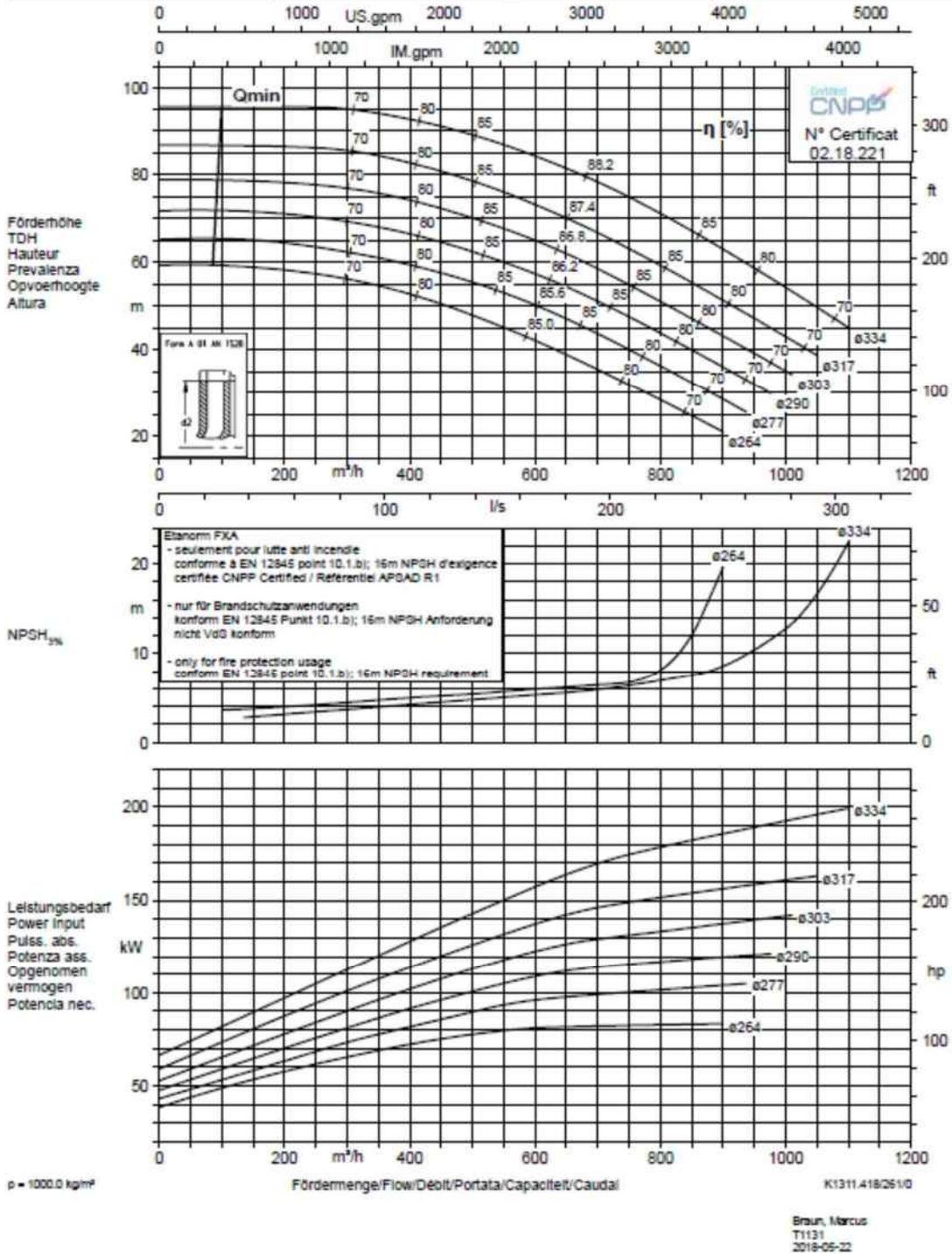
Annexe 34/40 au certificat CNPP Certified : / Appendix 34/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|-----------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal rotational Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktien-Gesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de l'offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |
| Etanorm FXA 200-150-315 | | 2400 1/min | | | | |



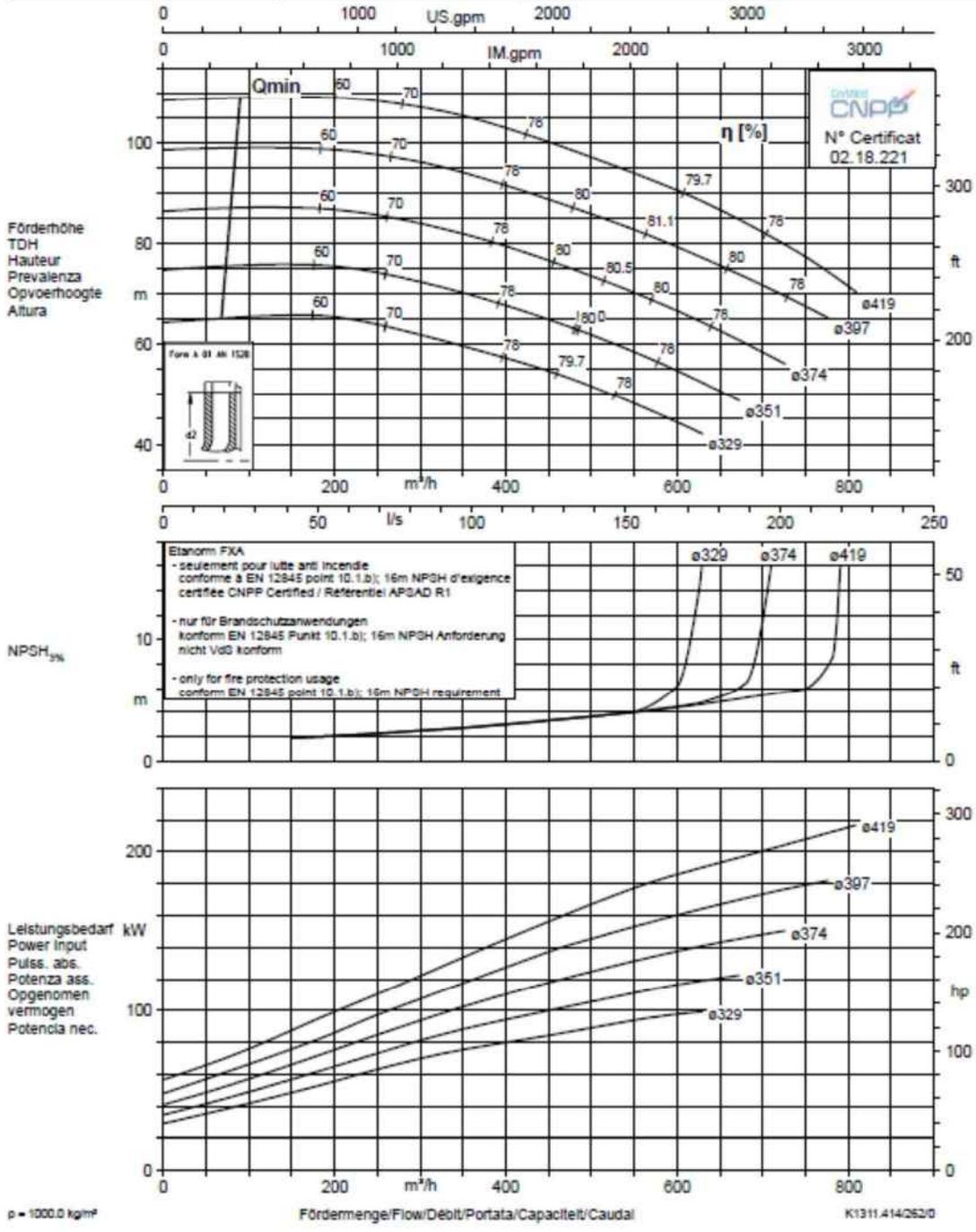
Annexe 35/40 au certificat CNPP Certified : / Appendix 35/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktiengesellschaft Johann-Pfein-Strasse 9 67227 Frankfurt |
| Projekt Project Projet | Progetto Project Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |
| Etanorm FXA 200-150-315 | | 2300 1/min | | | | |



Annexe 36/40 au certificat CNPP Certified : / Appendix 36/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

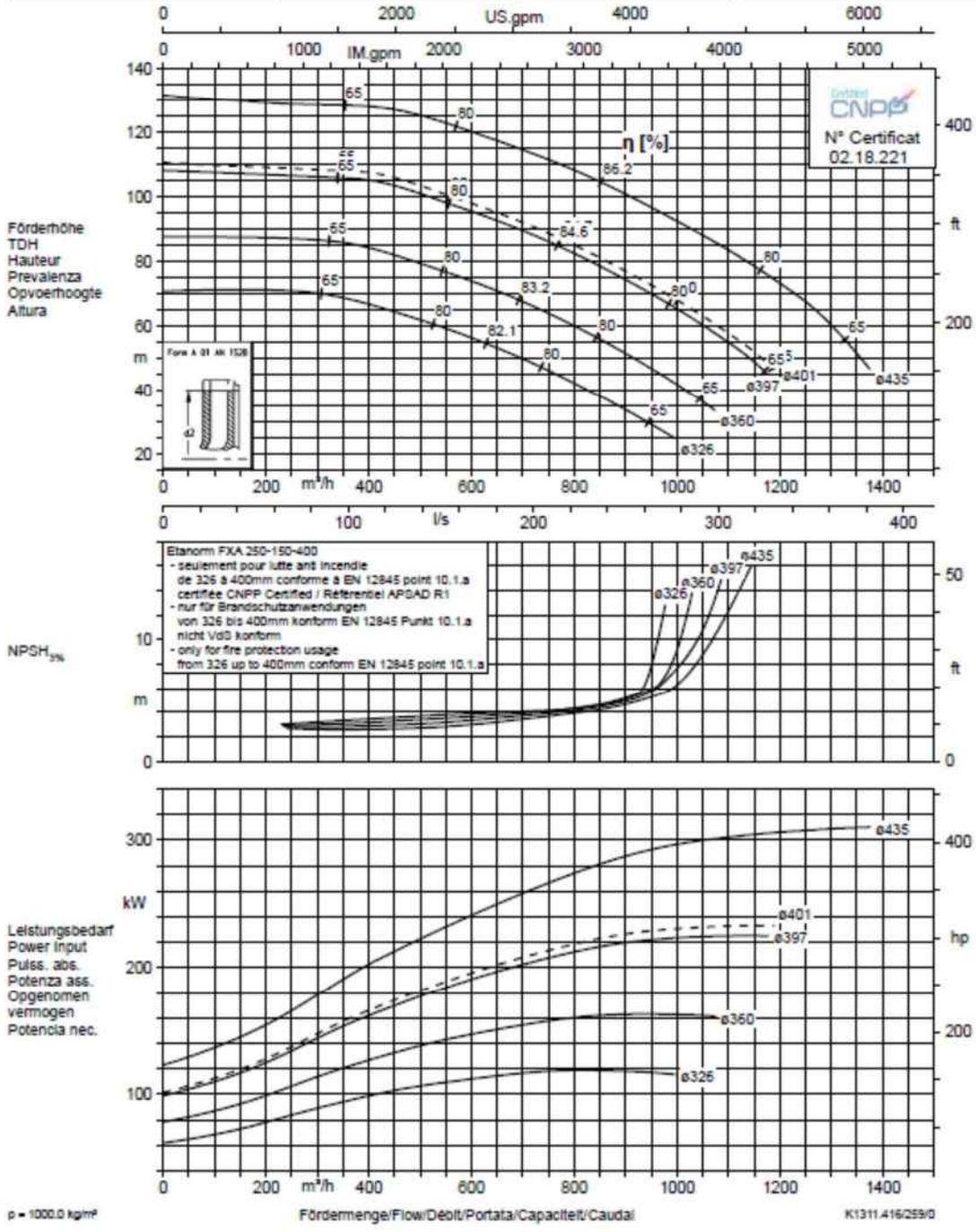
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|----------------------------------------|---------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modelle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Velocità nom. Vitesse nom. | Velocità di rotazione nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aldersgesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



Braun, Marcus
 T1131
 2019-05-22

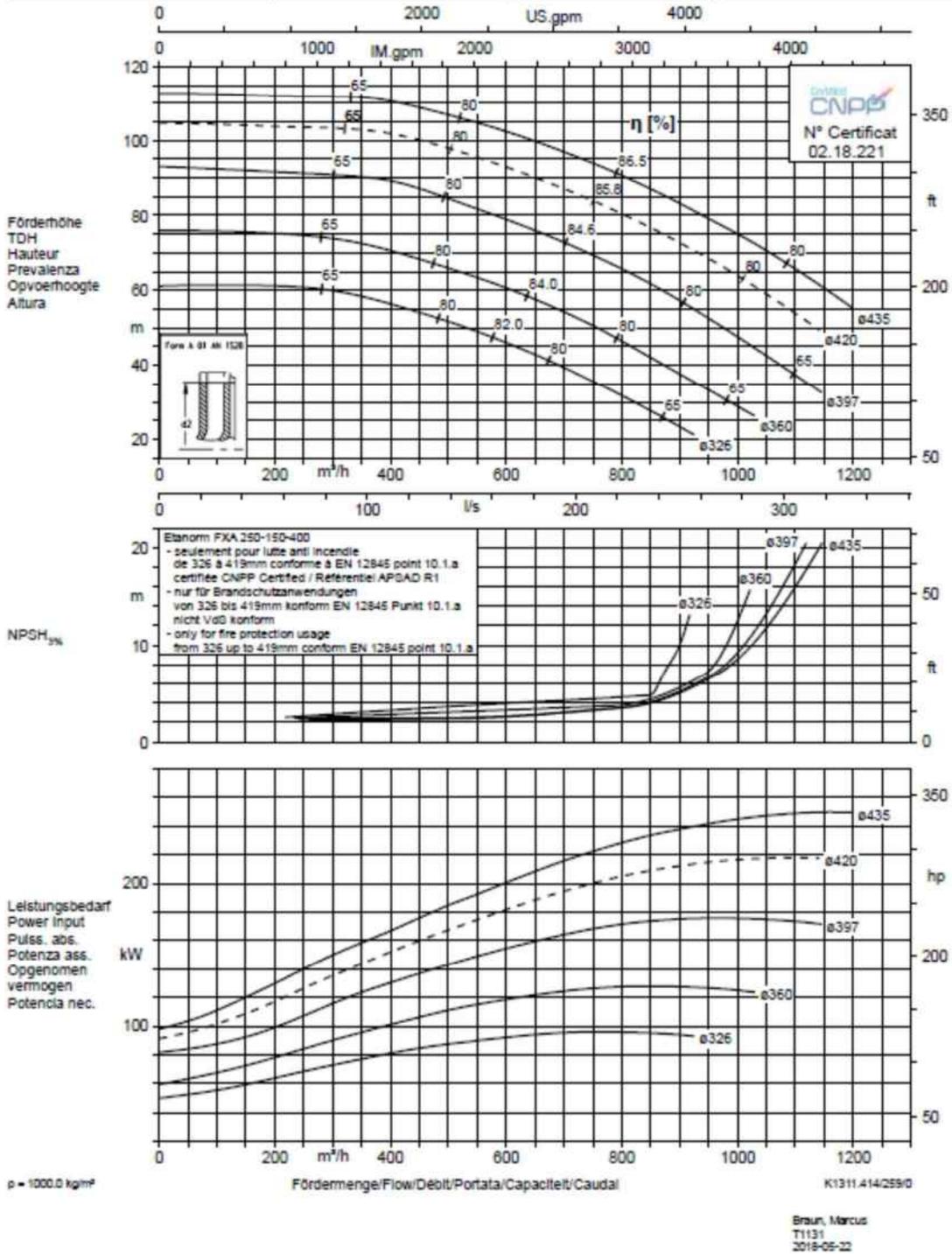
Annexe 37/40 au certificat CNPP Certified : / Appendix 37/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Tipo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoriental Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktien-Gesellschaft Johann-Pfein-Strasse 9 67227 Frankfurt |
| Etanorm FXA 250-150-400 | | 2100 1/min | | | | |
| Projekt Project Projet | Progetto Project Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Postitem. Pos.-Nr. | |



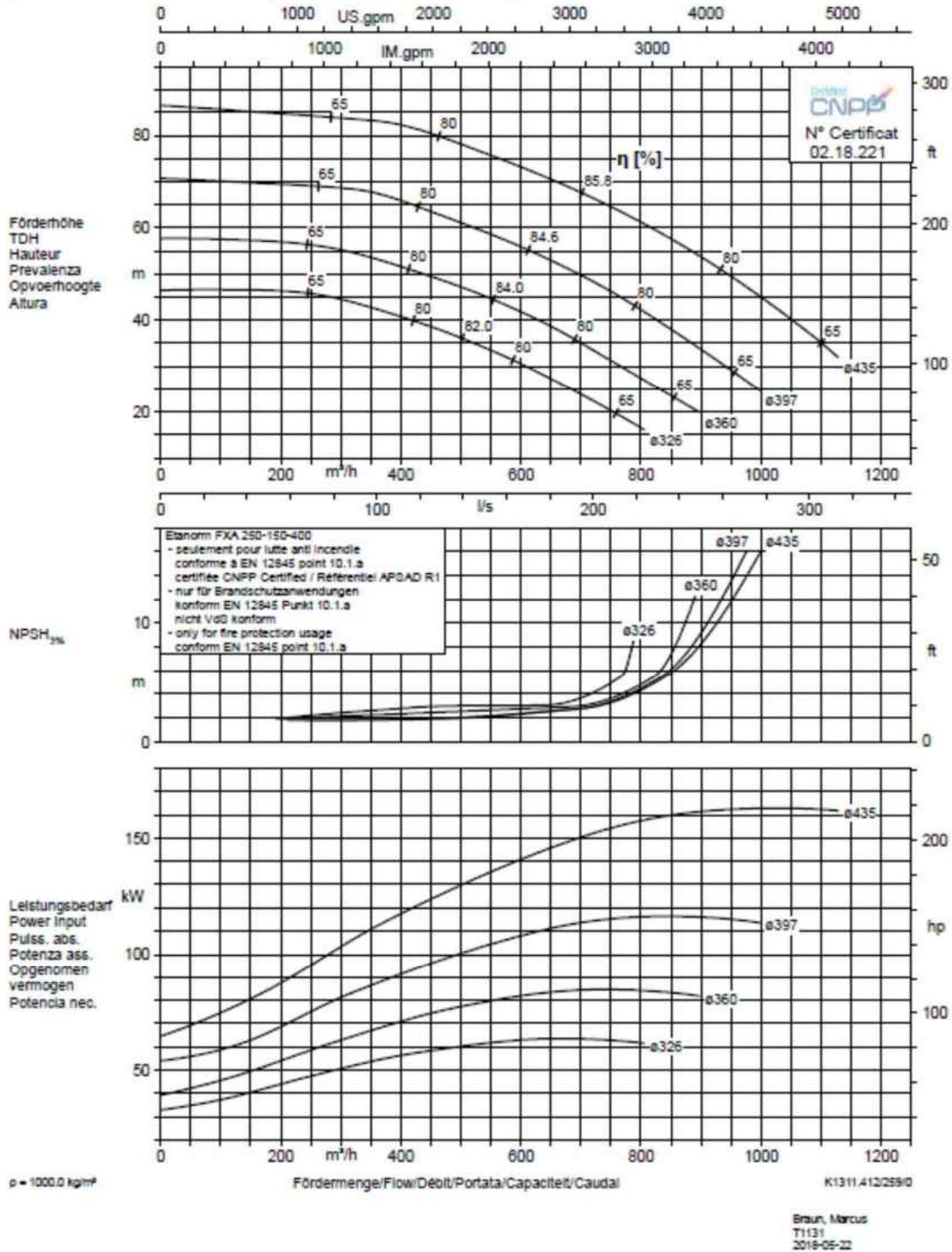
Annexe 38/40 au certificat CNPP Certified : / Appendix 38/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|---------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocità di rotazione nom. Nominal Isoperital Revoluciones nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Alder Gesellschaft Johann-Pfein-Strasse 9 67227 Frankenthal |
| Etanorm FXA 250-150-400 | | 1950 1/min | | | | |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de offre | Offerta-No. Offertenr. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.Nr. Posttenr. Pos.-Nr. | |



Annexe 39/40 au certificat CNPP Certified : / Appendix 39/40 of the CNPP Certified certificate : n°02.18.221 du/of 19/04/2021

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|---------------------------------------|---------------------------------|-----------------------------------------------|---------------------------------------------------------------------|------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe-Größe Type-Size Modèle | Typo Serie Tipo | Nenn Drehzahl Nom. speed Vitesse nom. | Velocity of rotation nom. Nominal Isoperital Revolutions nom. | Laufrad-Ø Impeller Dia. Diamètre de roue | Ø Girante Ø Waaler Ø Rodete |  KSB Aktiengesellschaft Johann-Plehn-Strasse 9 67227 Frankfurt |
| Projekt Project Projet | Progetto Projekt Proyecto | Angebots-Nr. Project No. No. de l'offre | Offerta-No. Offertenz. Offerta-No. | Pos.-Nr. Item No. No. de pos. | Pos.-Nr. Posttanz. Pos.-Nr. | |
| Etanorm FXA 250-150-400 | | 1700 1/min | | | | |



Annexe 40/40 au certificat CNPP Certified : / Appendix 40/40 of the CNPP Certified certificate : n°02.18.221 du/ of 19/04/2021