



PST



PST(B)

PST $n \approx 2900$ rpm
Close coupled centrifugal pump
Bomba centrífuga acoplado cerrado
Pompe centrifuge à couple fermé



PST(C)



PST(B/C)
30-160kW

NEW/NUEVO/NOUVEAU

DESCRIPTION/DESCRIPCIONES/DESCRIPTION

- ◆ New EN733 standard centrifugal pump
- ◆ Original design by PURITY (Patent no.201530478502.0)
- ◆ Both square motor & round motor available
- ◆ YE3 high efficient motor, with protection IP55 class F
- ◆ Pump case with anti-corrosive coating
- ◆ Galvanized counter flange with bolts, nuts and gaskets
- ◆ Quality NSK bearing, wear resistance mechanical seal
- ◆ Nuevas bombas centrífugas según norma EN733
- ◆ Diseño original de PURITY (Patente no.201530478502.0)
- ◆ Motor redondo y cuadrado disponible
- ◆ Motor de eficiencia YE3 con Protección IP55 clase F
- ◆ Cuerpo de bomba con tratamiento anti-corrosión
- ◆ Contrabridas galvanizadas con pernos, tuercas y empaques
- ◆ Rodamiento de marca NSK y cierre mecánico personalizado
- ◆ Nouvelle pompe centrifuge standard EN733
- ◆ Design original par PURITY (Brevet no.201530478502.0)
- ◆ Moteur carré et moteur rond disponibles
- ◆ Moteur haute efficacité YE3, avec protection IP55 classe F
- ◆ Boîtier de pompe avec revêtement anti-corrosif
- ◆ Contre-bride galvanisée avec boulons, écrous et joints
- ◆ Roulement NSK qualité, joint mécanique de résistance à l'usure

APPLICATIONS/APLICACIONES/APPLICATIONS

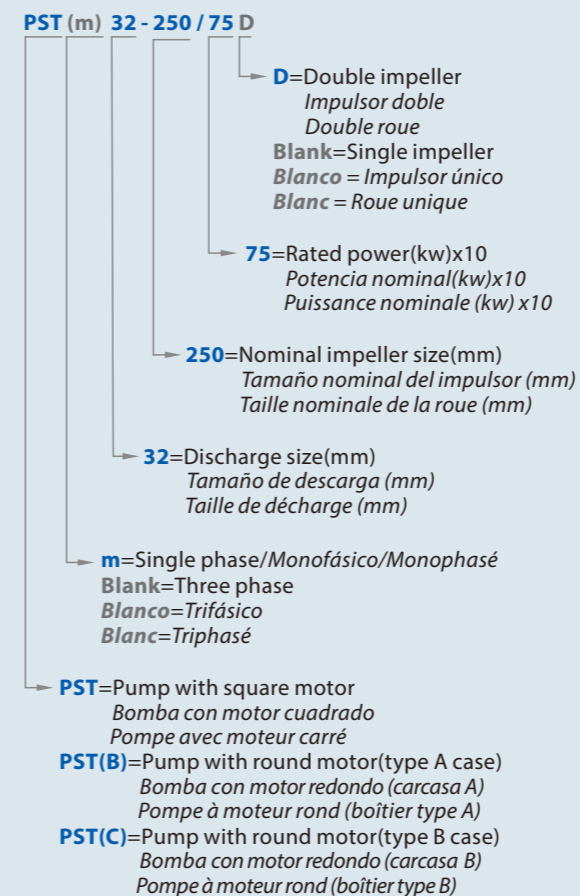
- ◆ Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatization sets, agricultural.
- ◆ Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba. Las Bombas centrífugas según EN733 diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, contraincendio, irrigación, industria, circulación del agua, agricultura.
- ◆ Convient pour une utilisation avec de l'eau propre et des liquides qui ne sont pas chimiquement agressif envers les matériaux dont la pompe est faite. Les pompes centrifuges EN733 sont recommandées pour une utilisation dans l'alimentation en eau, kits de nettoyage, boosters de pression, kits anti-incendie, irrigation, industriels applications, circulation de l'eau dans les groupes de climatization, agricole.

USING LIMITS/LÍMITES UTILIZACIÓN/UTILISATION LIMITES

- ◆ Liquid temperature between -10°C and $+120^{\circ}\text{C}$
- ◆ Ambient temperature between -10°C and $+50^{\circ}\text{C}$
- ◆ Max. working pressure **16 bar**
- ◆ Continuous service **S1**
- ◆ Temperatura del líquido de -10°C hasta $+120^{\circ}\text{C}$
- ◆ Temperatura ambiente de -10°C hasta $+50^{\circ}\text{C}$
- ◆ Presión máxima en el cuerpo de la bomba **16 bar**
- ◆ Funcionamiento continuo **S1**
- ◆ Température du liquide entre -10°C et $+120^{\circ}\text{C}$
- ◆ Température ambiante entre -10°C et $+50^{\circ}\text{C}$
- ◆ Max. pression de service **16 bar**
- ◆ Service continu **S1**

MODEL CODE/CÓDIGO MODELO/CODE MODÈLE

For example/ Por ejemplo/ Par exemple

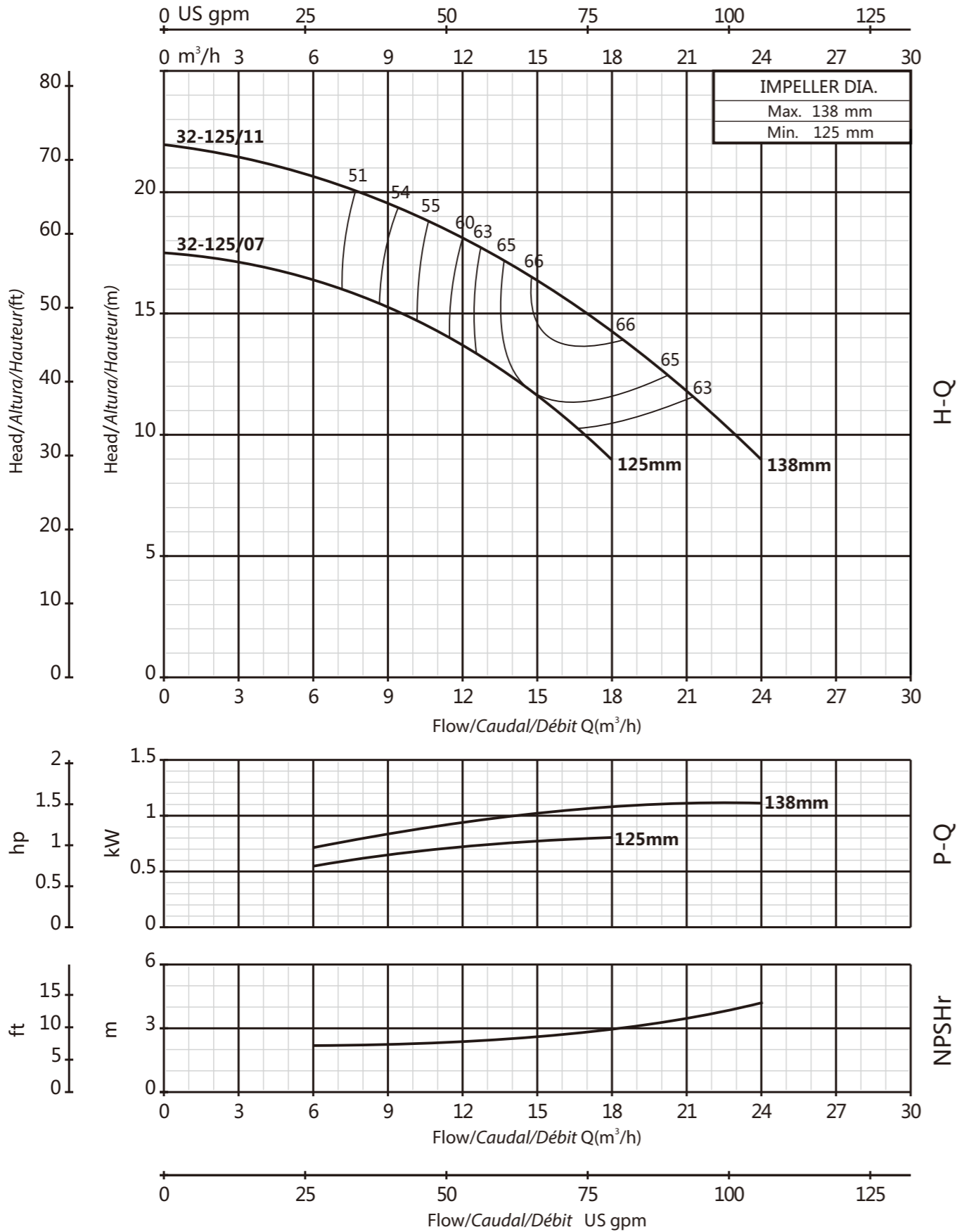


TECHNICAL SHEET/HOJA TÉCNICA/FICHE TECHNIQUE

Model/Modelo/Modèle	PST
Capacity/Caudal/Débit	0-400 m ³ /h
Head/Altura/Hauteur	0-151 m
DN	32-125 mm
Speed/Velocidad/Vitesse	2900 rpm
T max	120 °C
Power/Potencia/Puiss.	0.75-160 kW
Voltage/Voltaje/Tension	220/380/400/440 V
HZ	50
Class/Clase/Classe	Class F
IP	IP 55
Duty/Servicio/Devoir	S1 continuous
Casing/Cuerpo/Corps	Grey Cast iron Hierro fundido gris Fonte grise
Impeller/Impulsor/Roue	Cast iron/AISI 304/Brass Hierro fundido/Inox304/Bronce Fonte/Inox304/Laiton
Shaft/Eje/Arbre	45# steel/AISI304 45 # acero/Inox304 45 # acier/Inox304
Shaft seal/Sello/Scellé	Mechanical Seal Sello mecánico Garniture mécanique
Bearing/Rodamiento/Palier	Grease lubrication rolling bearing Rodamientos lubricación con grasa Roulement lubrification à la graisse

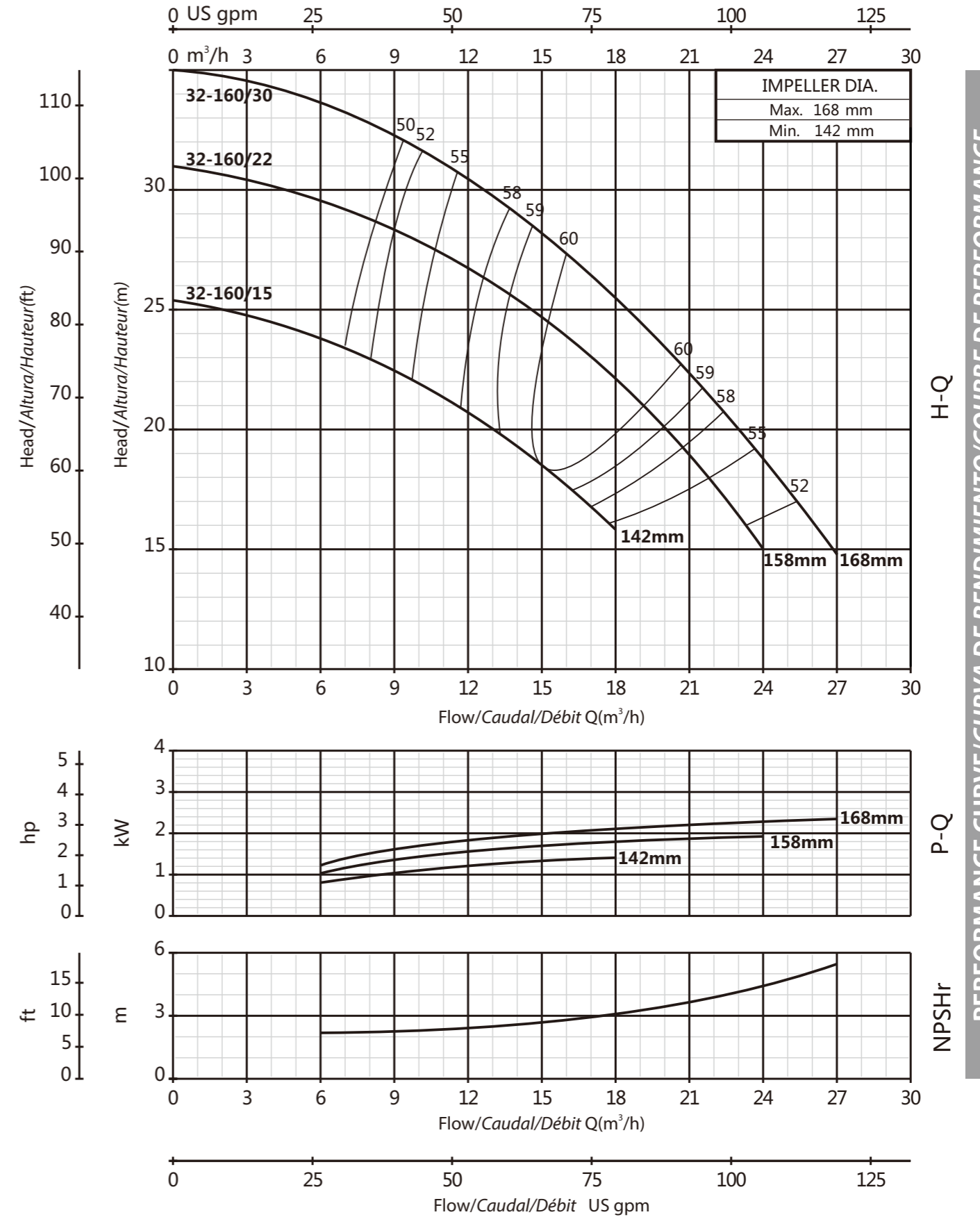
32-125

2900rpm



32-160

2900rpm

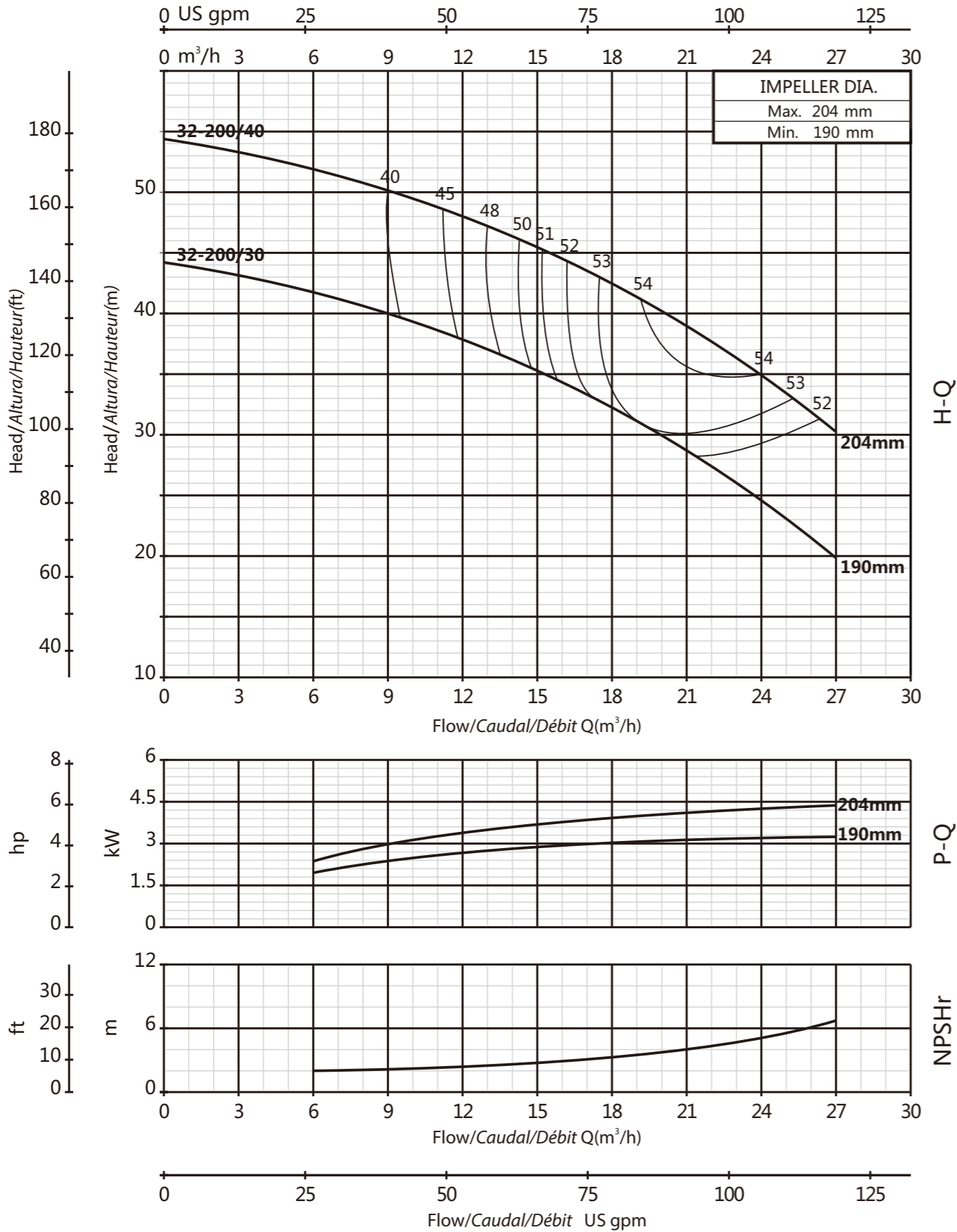


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

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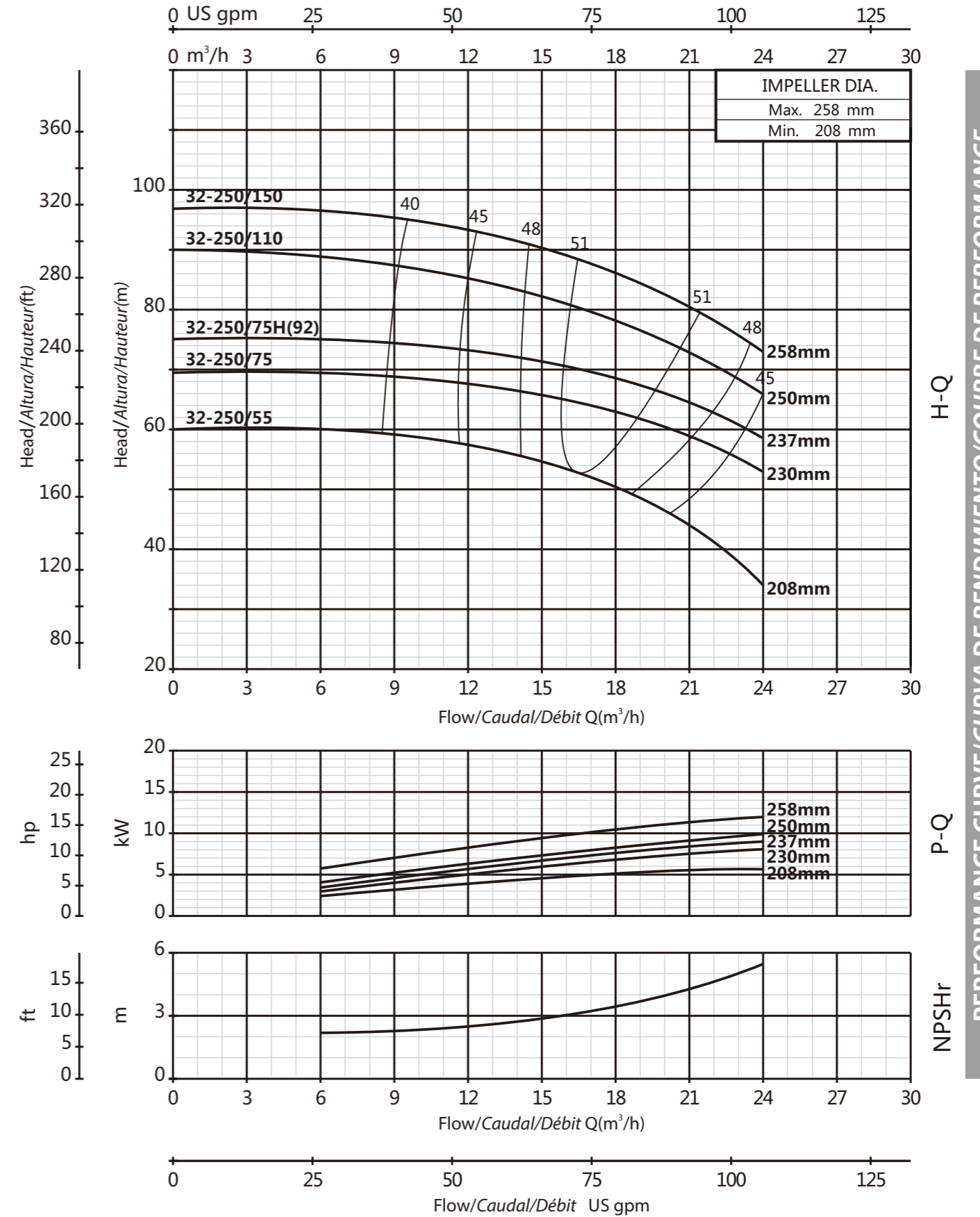
32-200

2900rpm



32-250

2900rpm

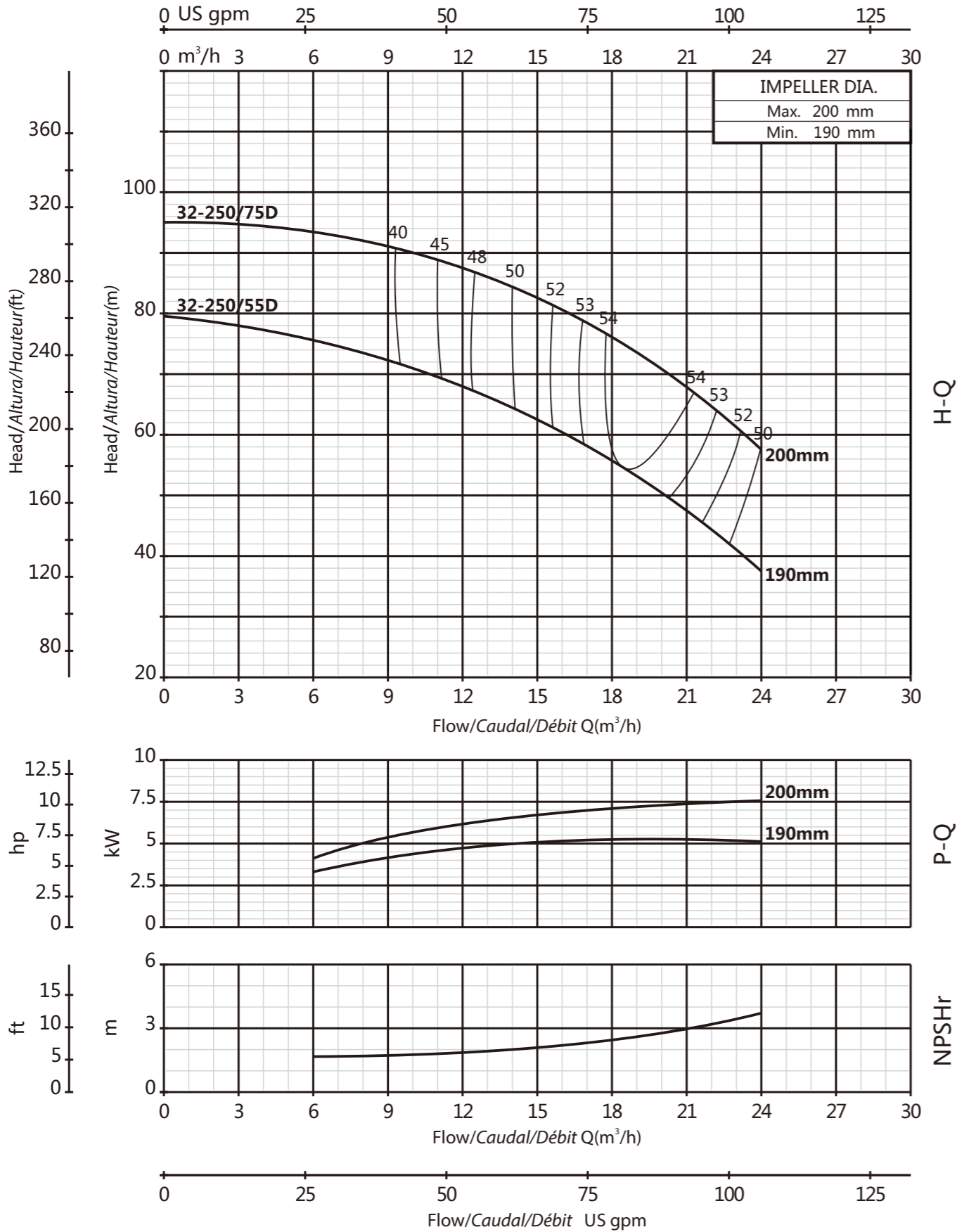


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32-250D

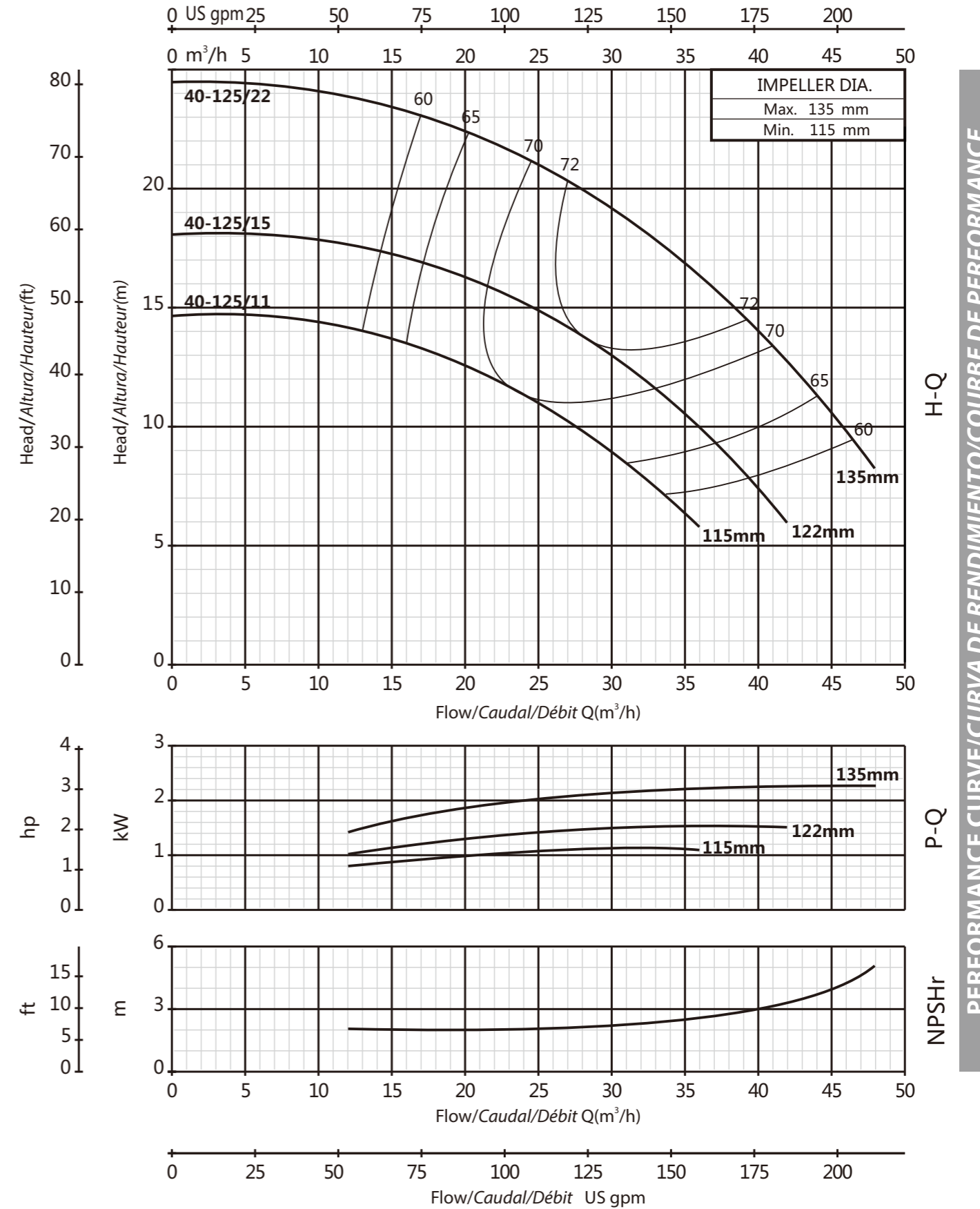
2900rpm



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40-125

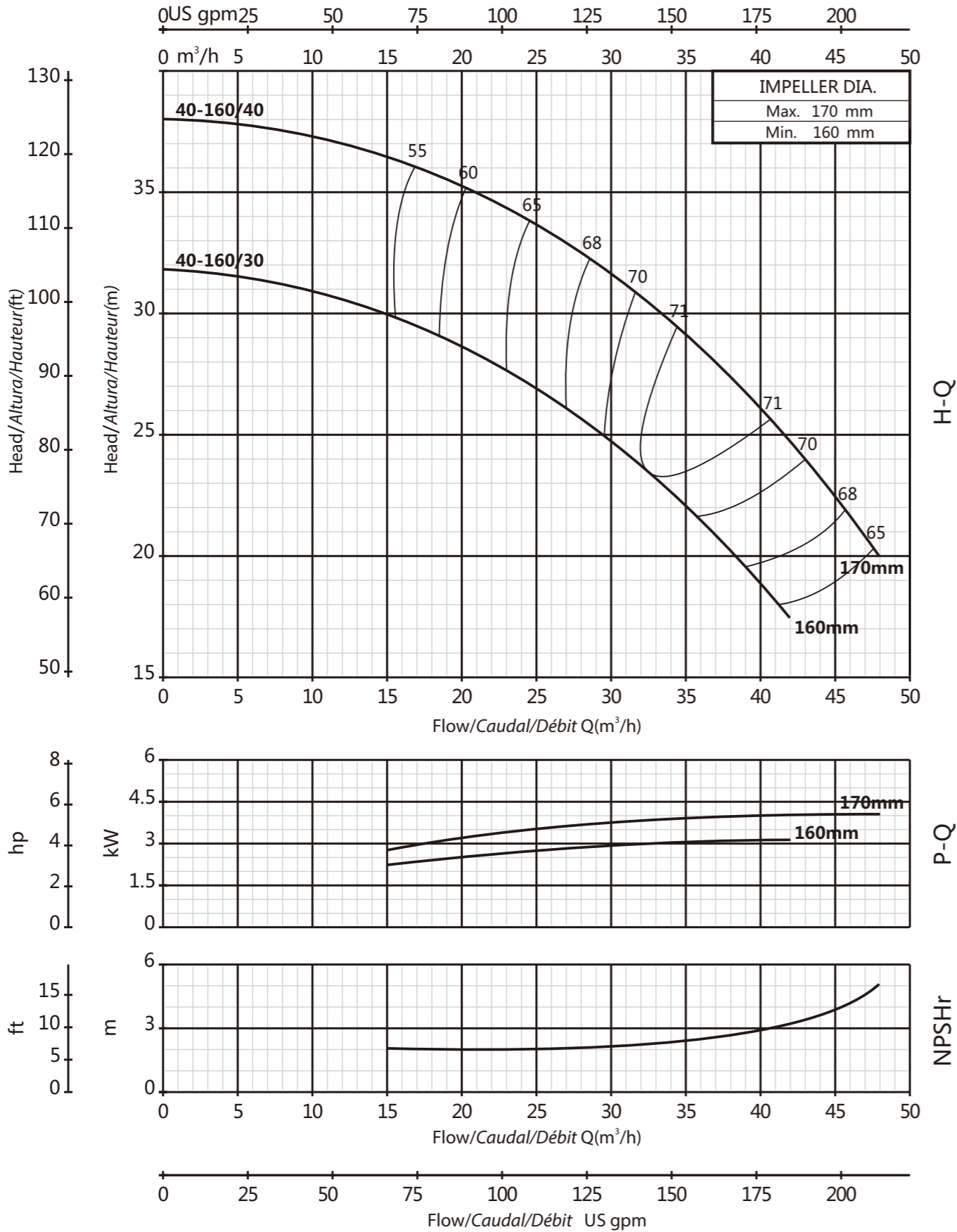
2900rpm



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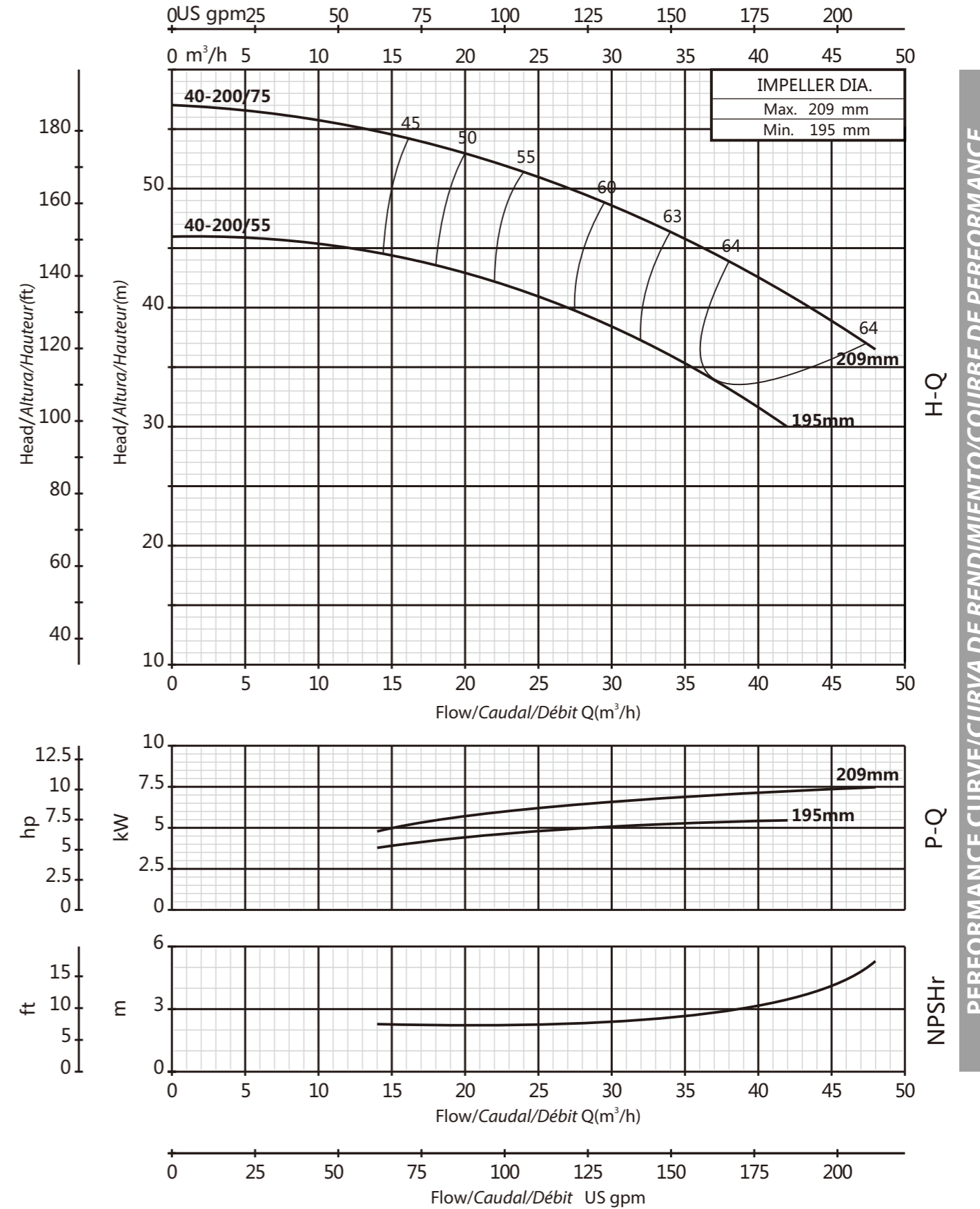
40-160

2900rpm



40-200

2900rpm

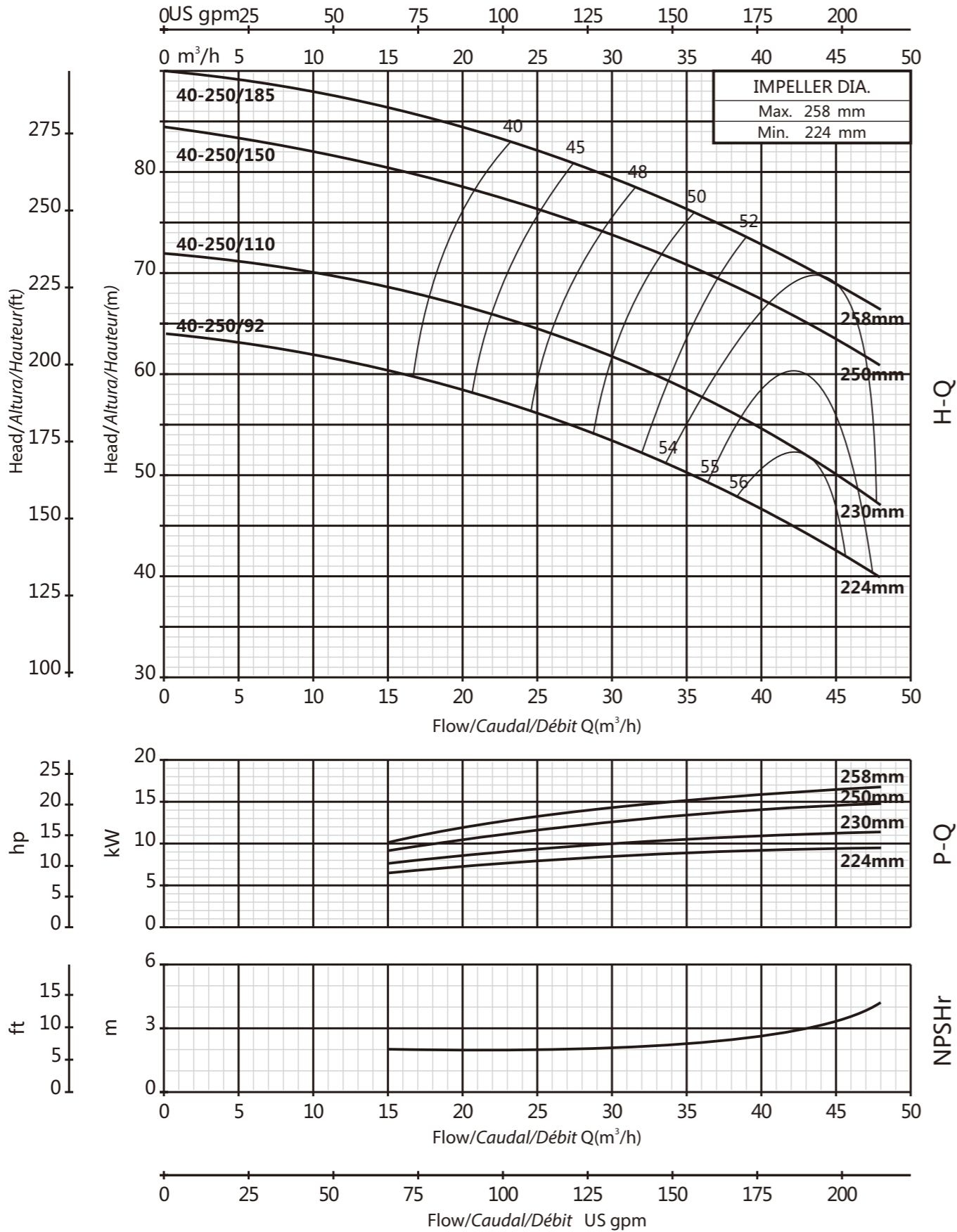


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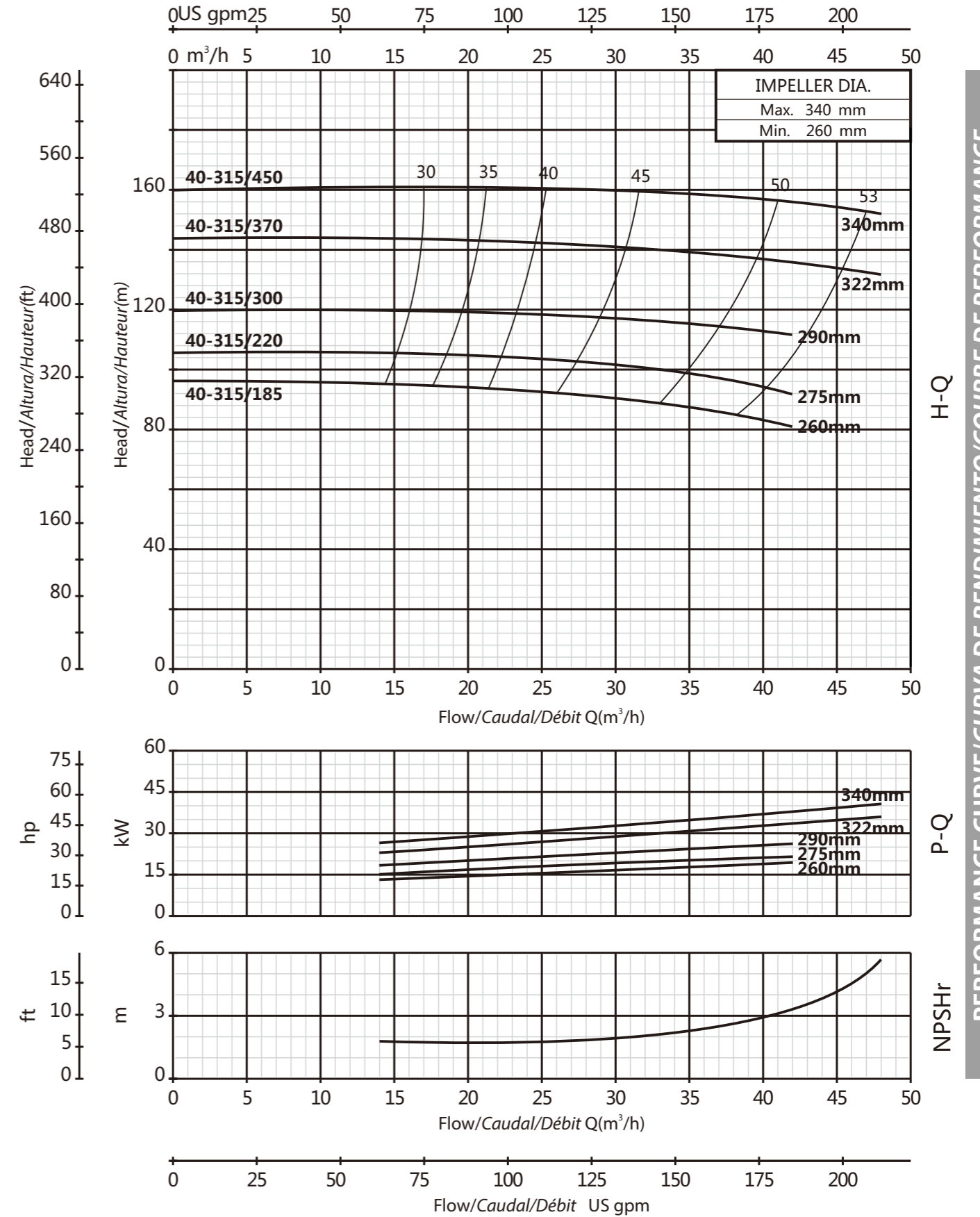
40-250

2900rpm



40-315

2900rpm

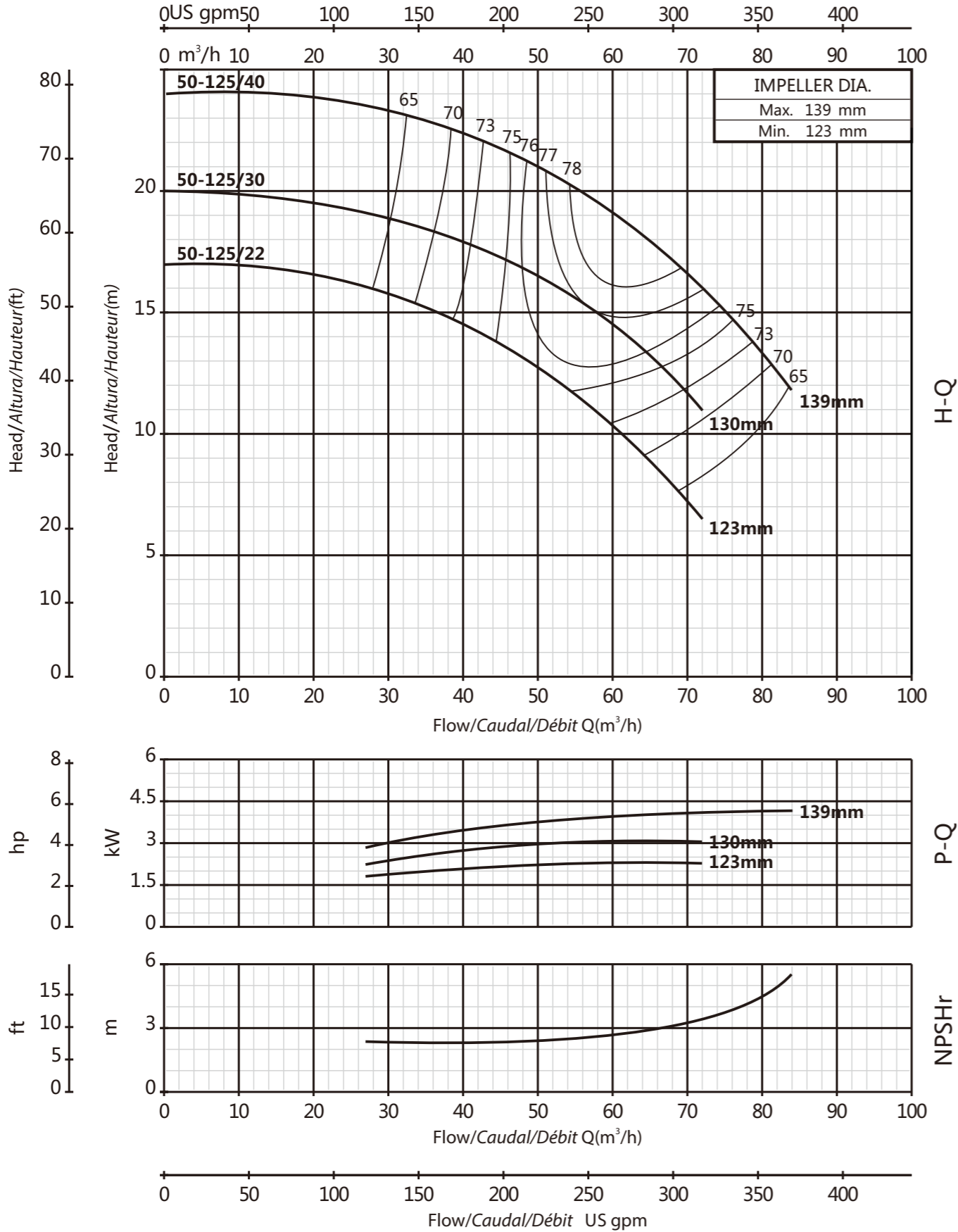


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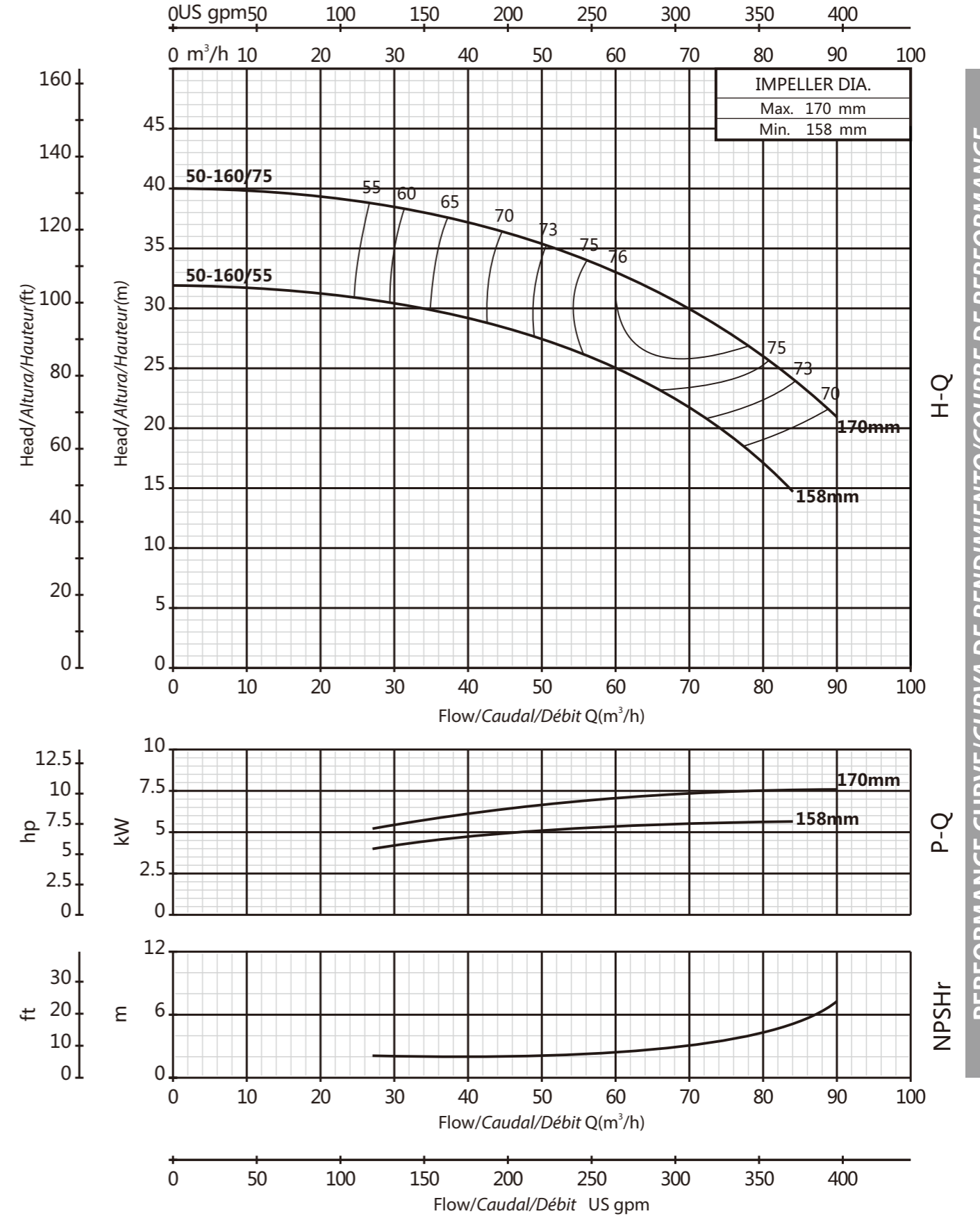
50-125

2900rpm



50-160

2900rpm

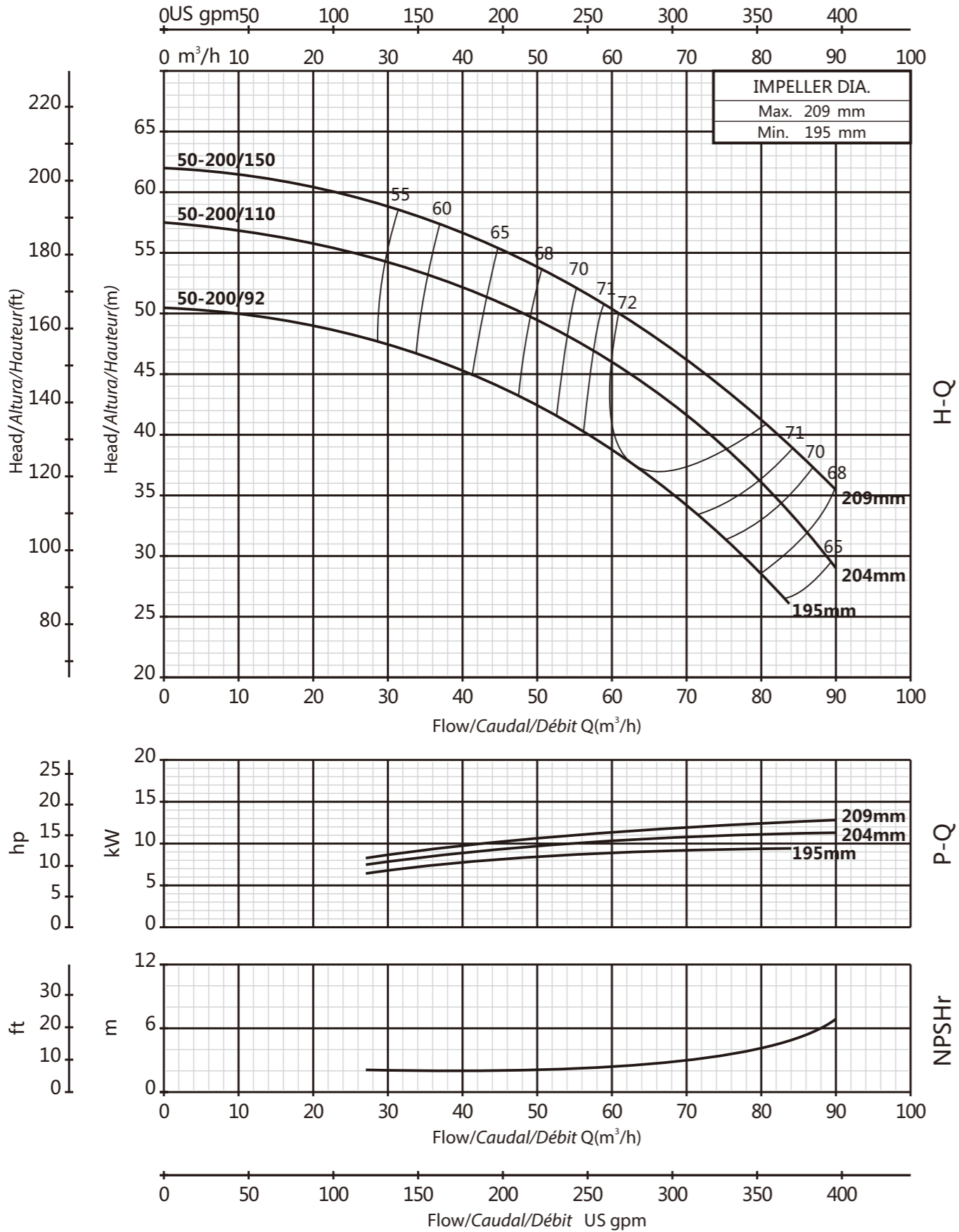


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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

50-200

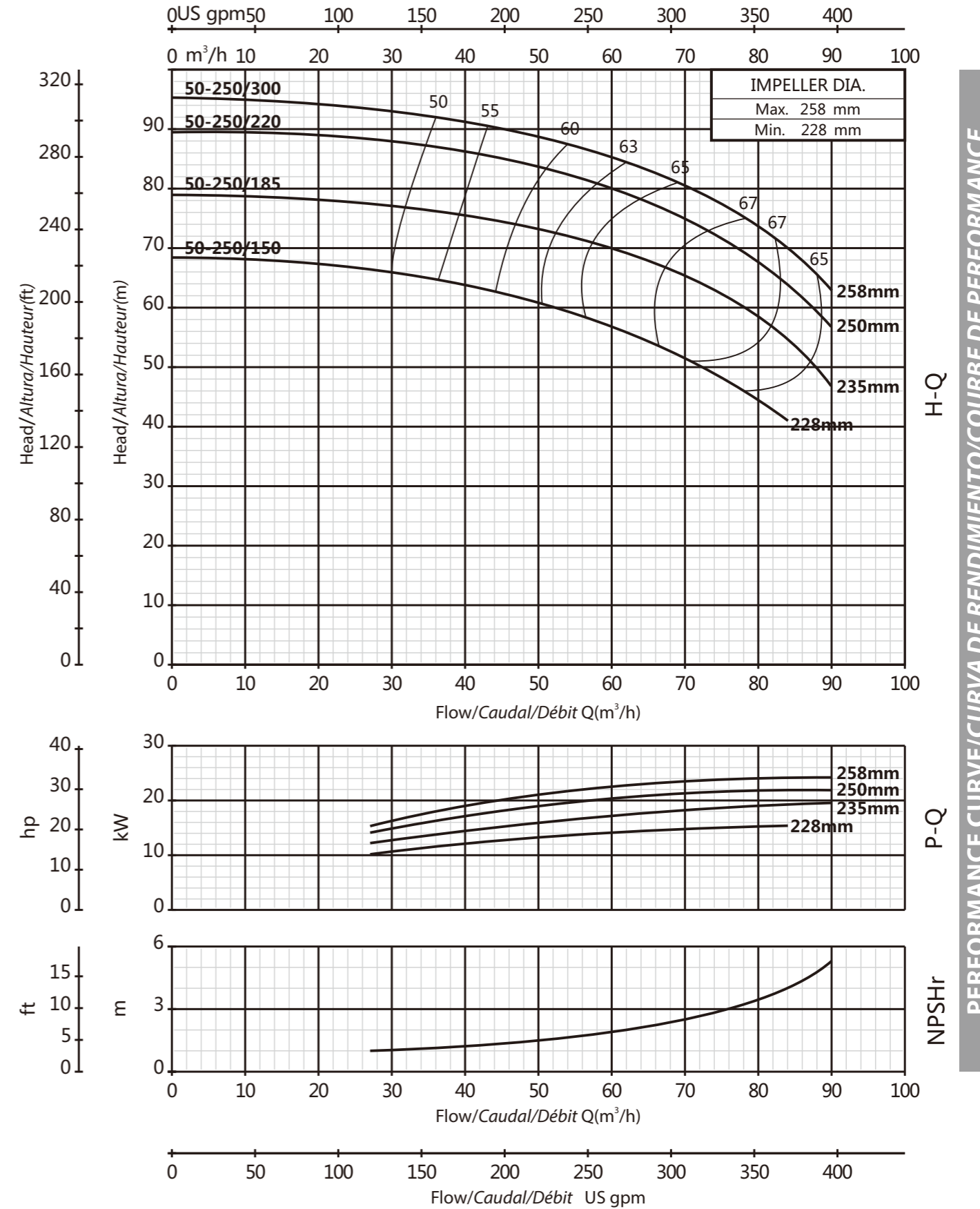
2900rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

50-250

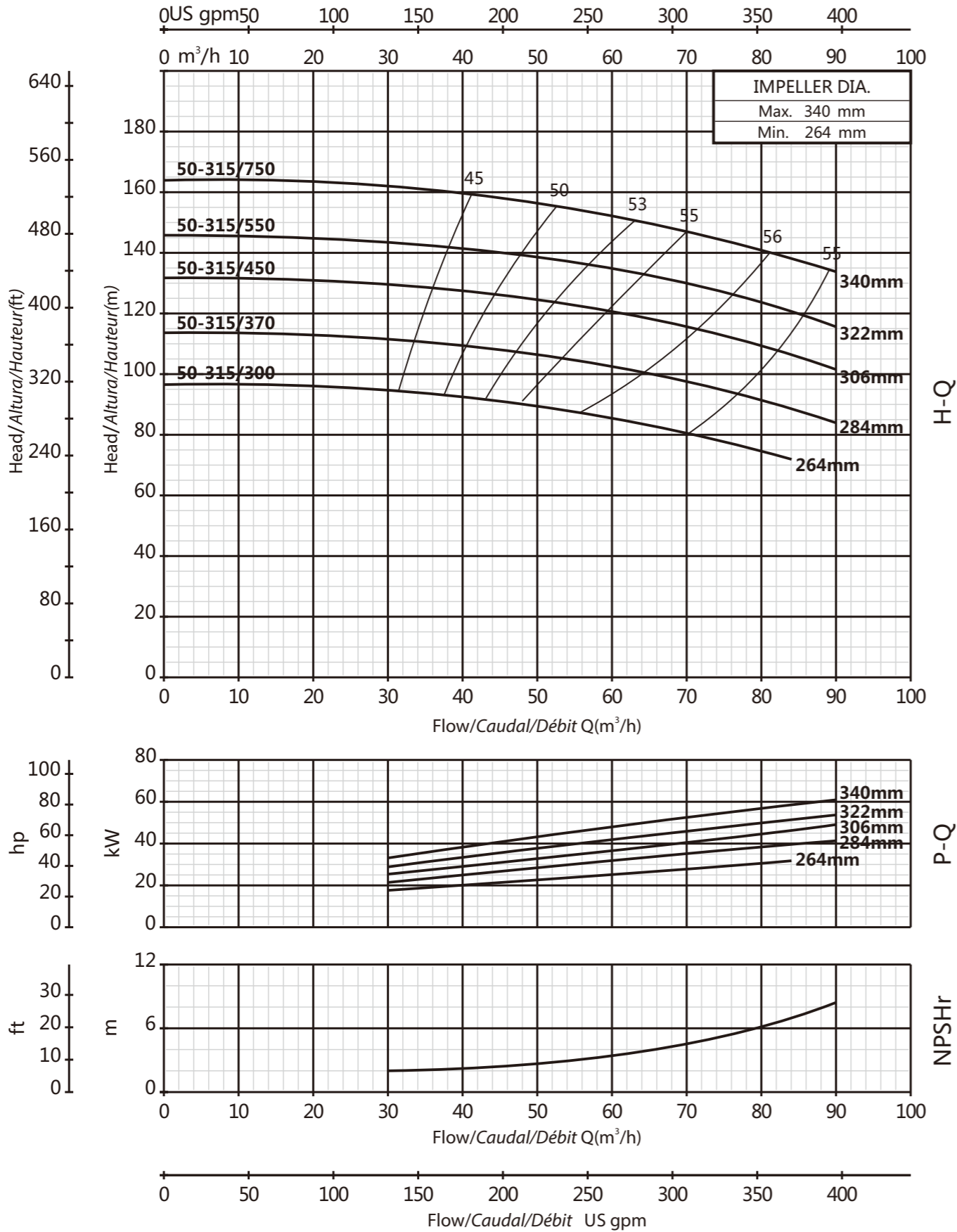
2900rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

50-315

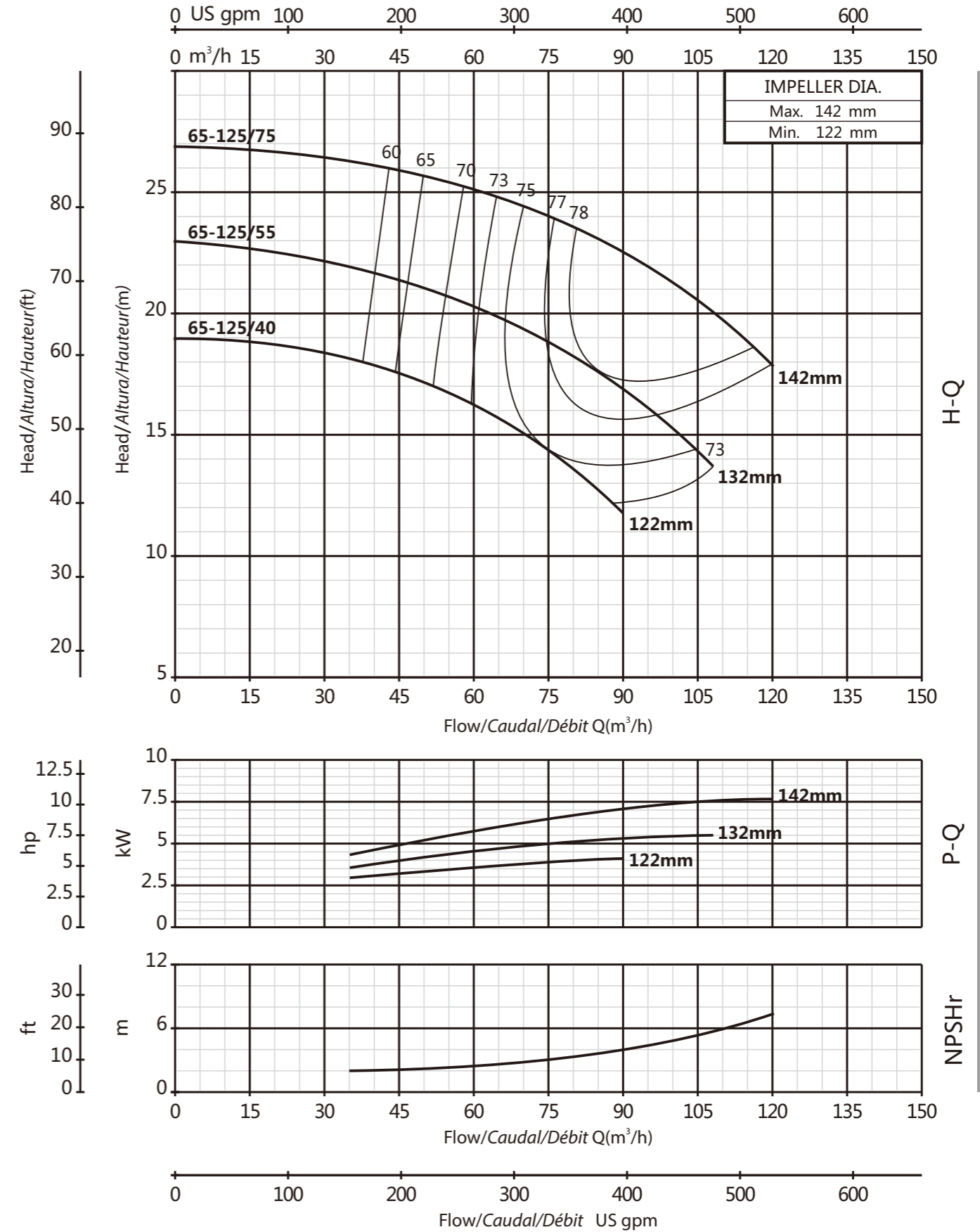
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

65-125

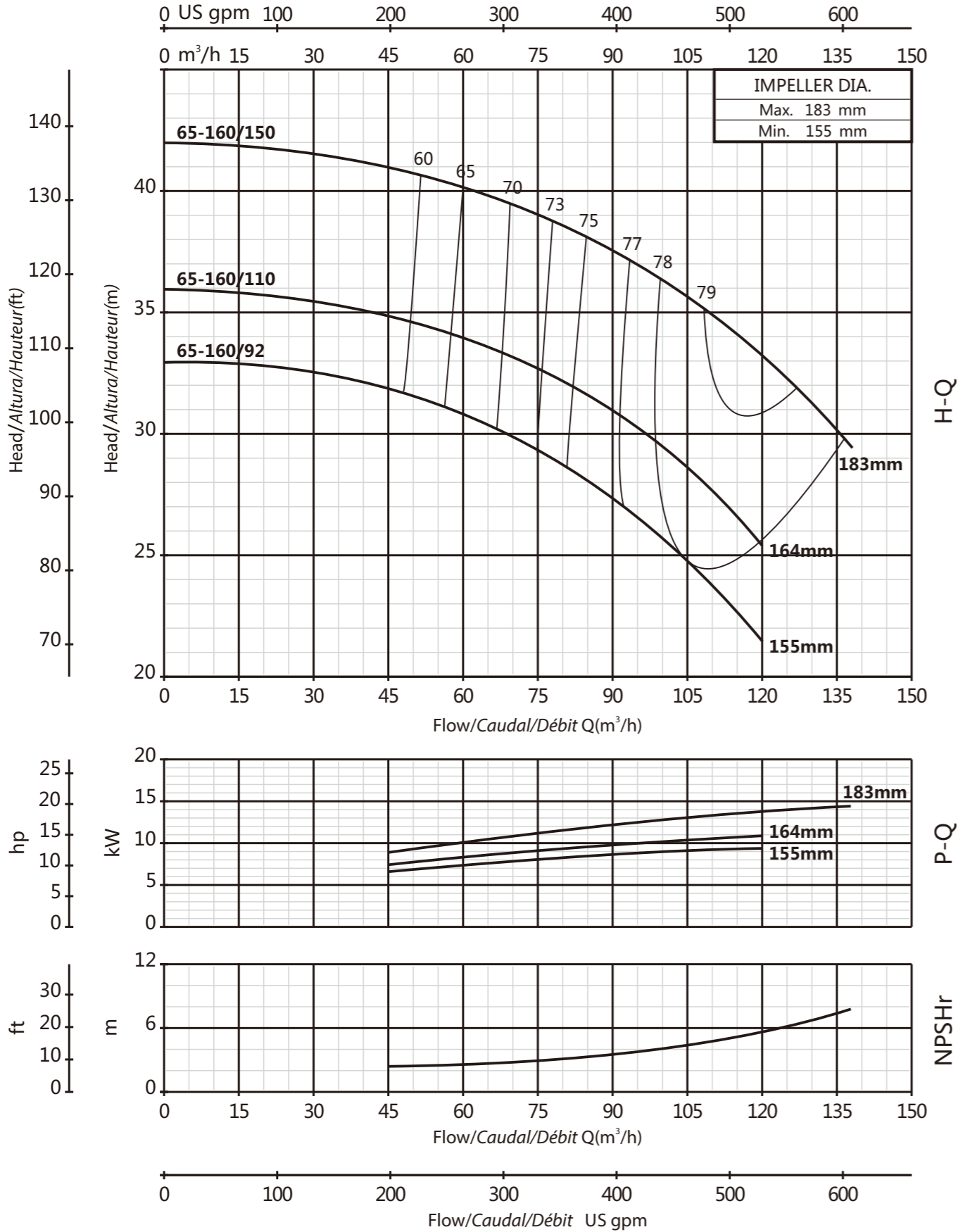
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

65-160

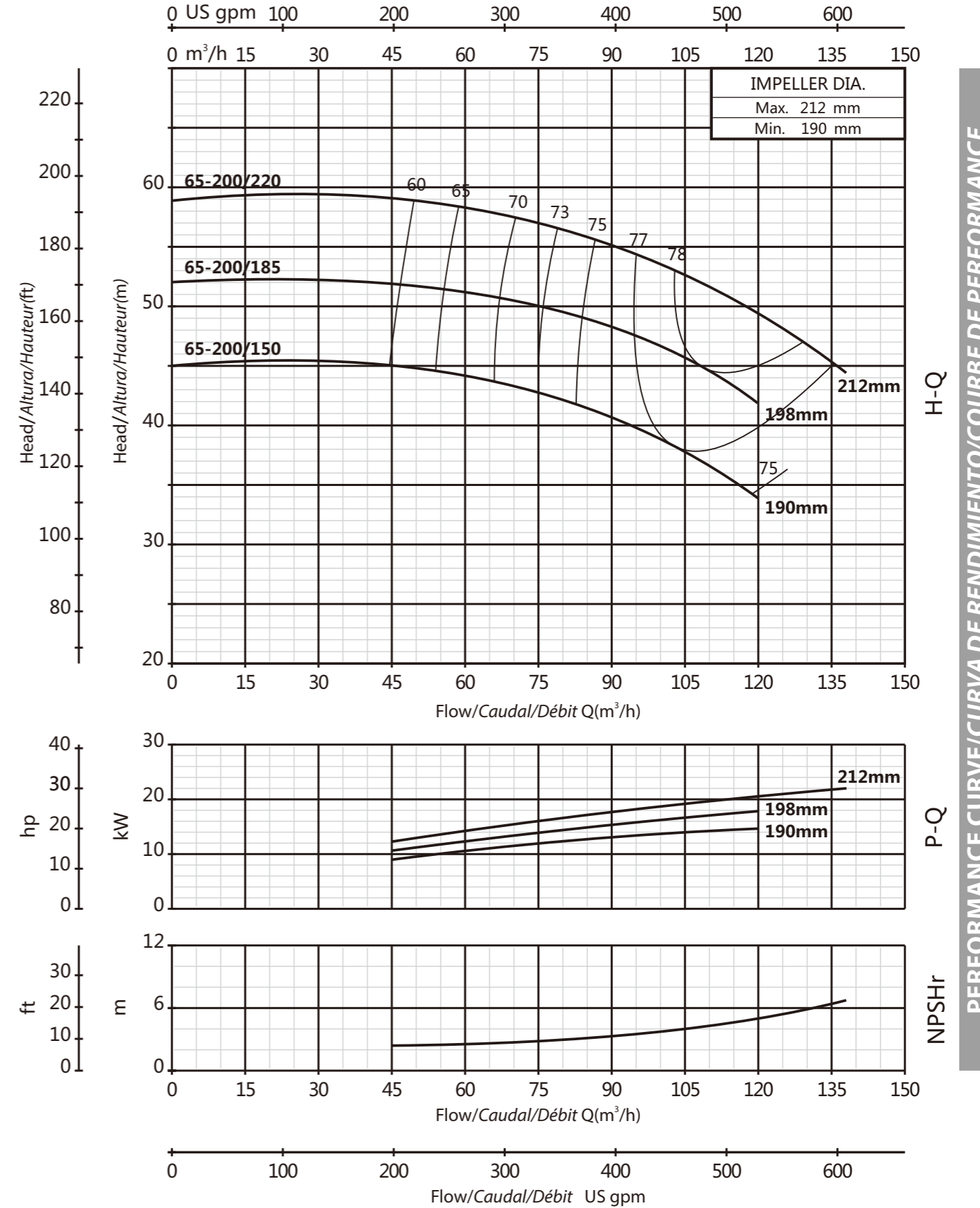
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

65-200

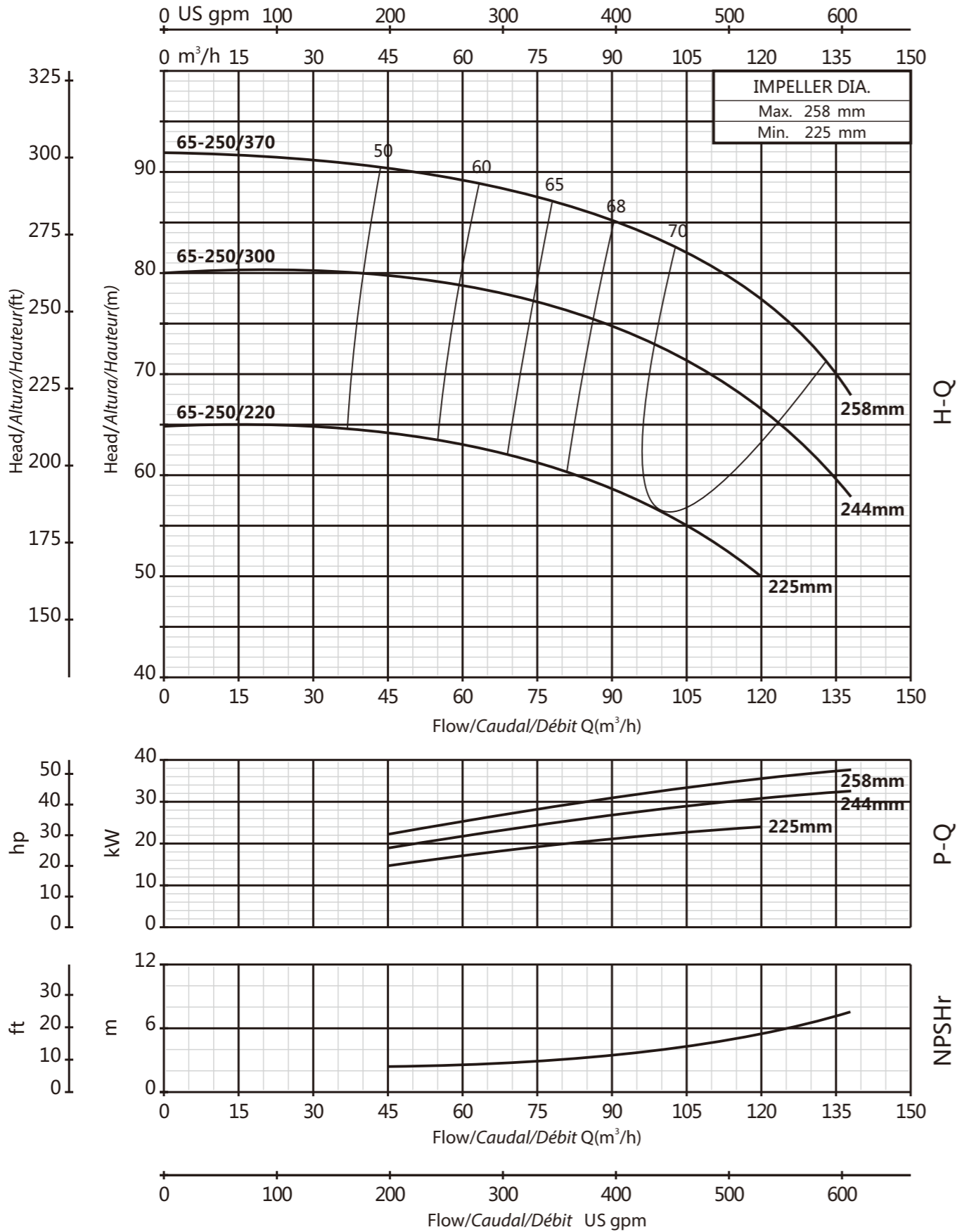
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

65-250

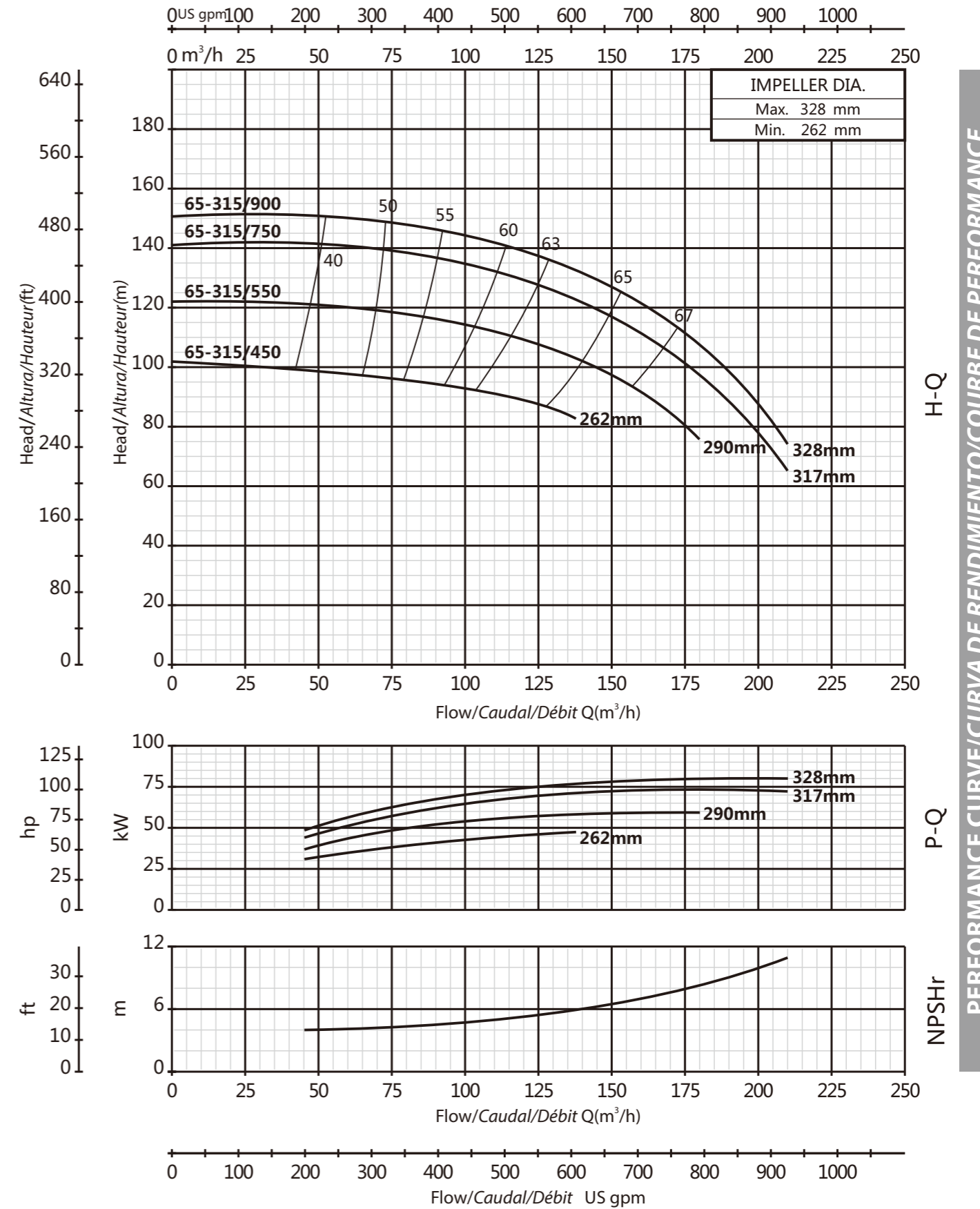
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

65-315

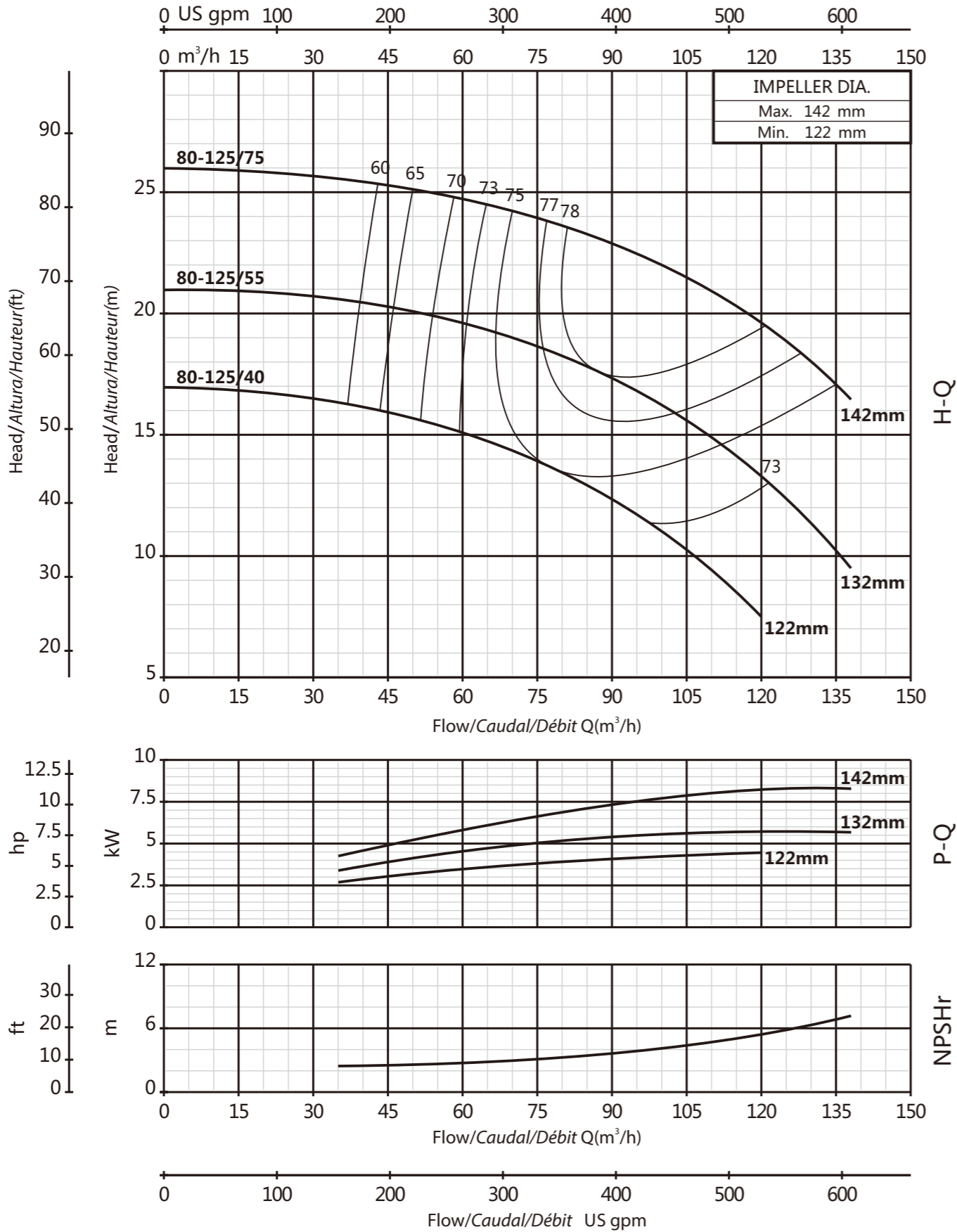
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

80-125

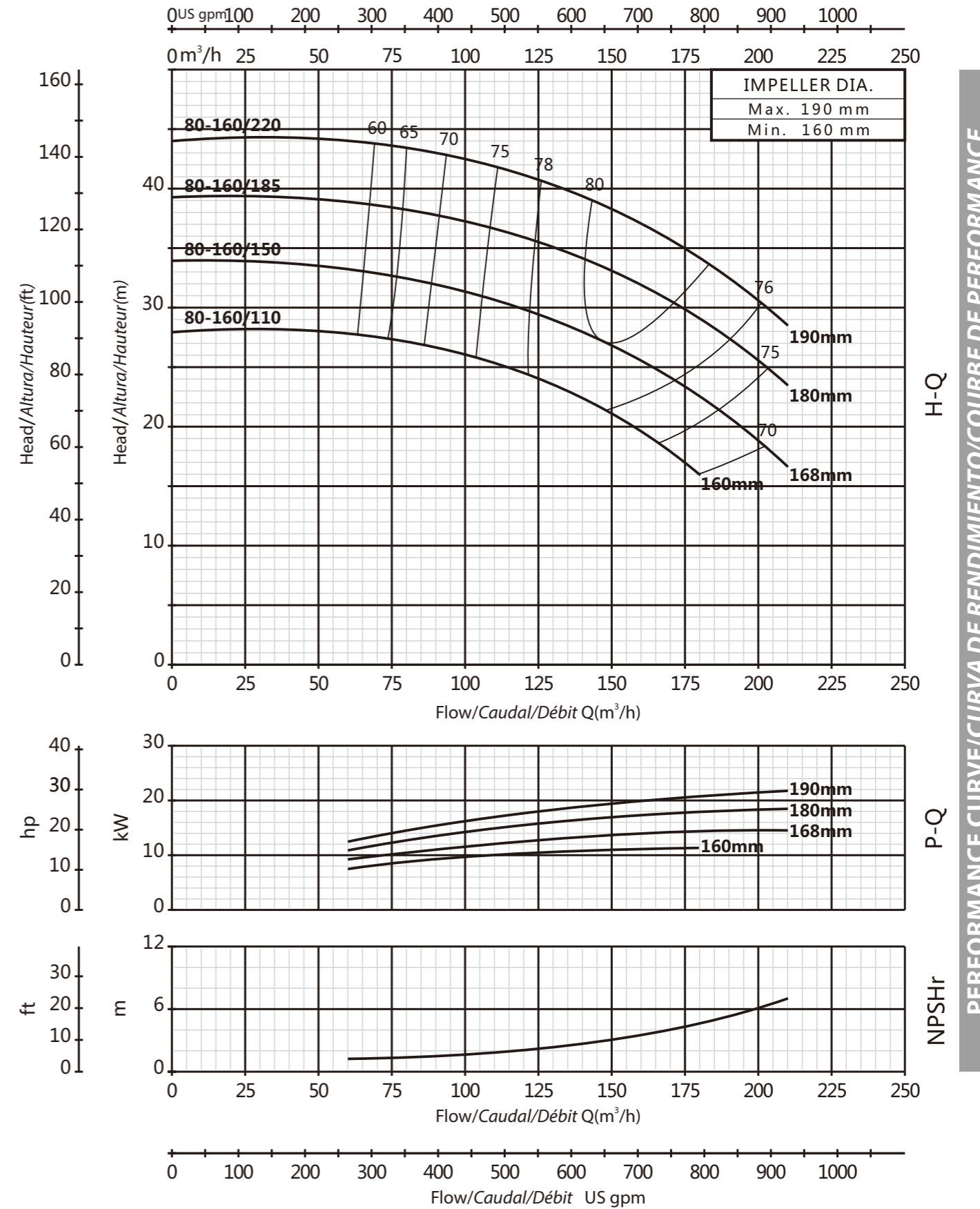
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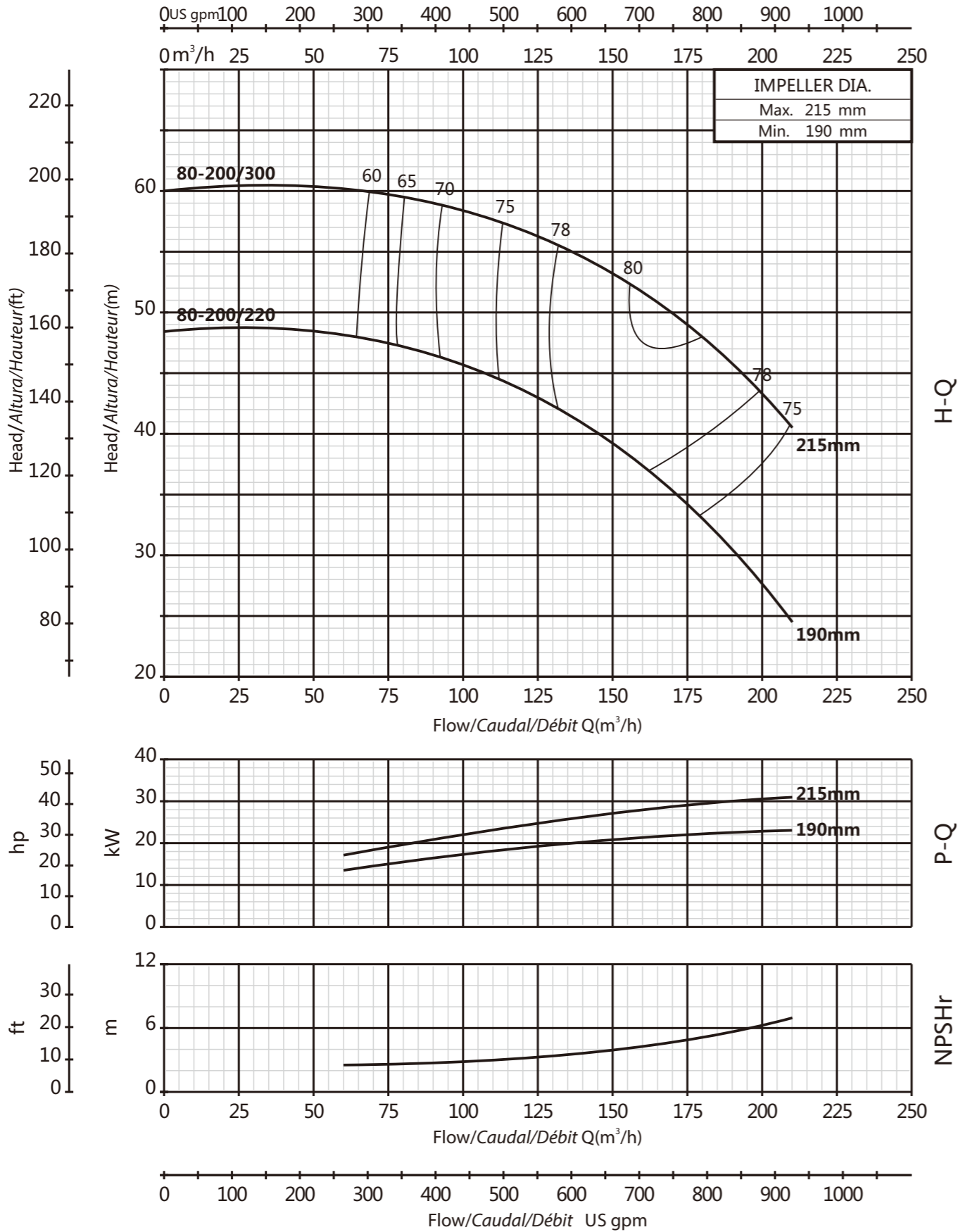
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80-200

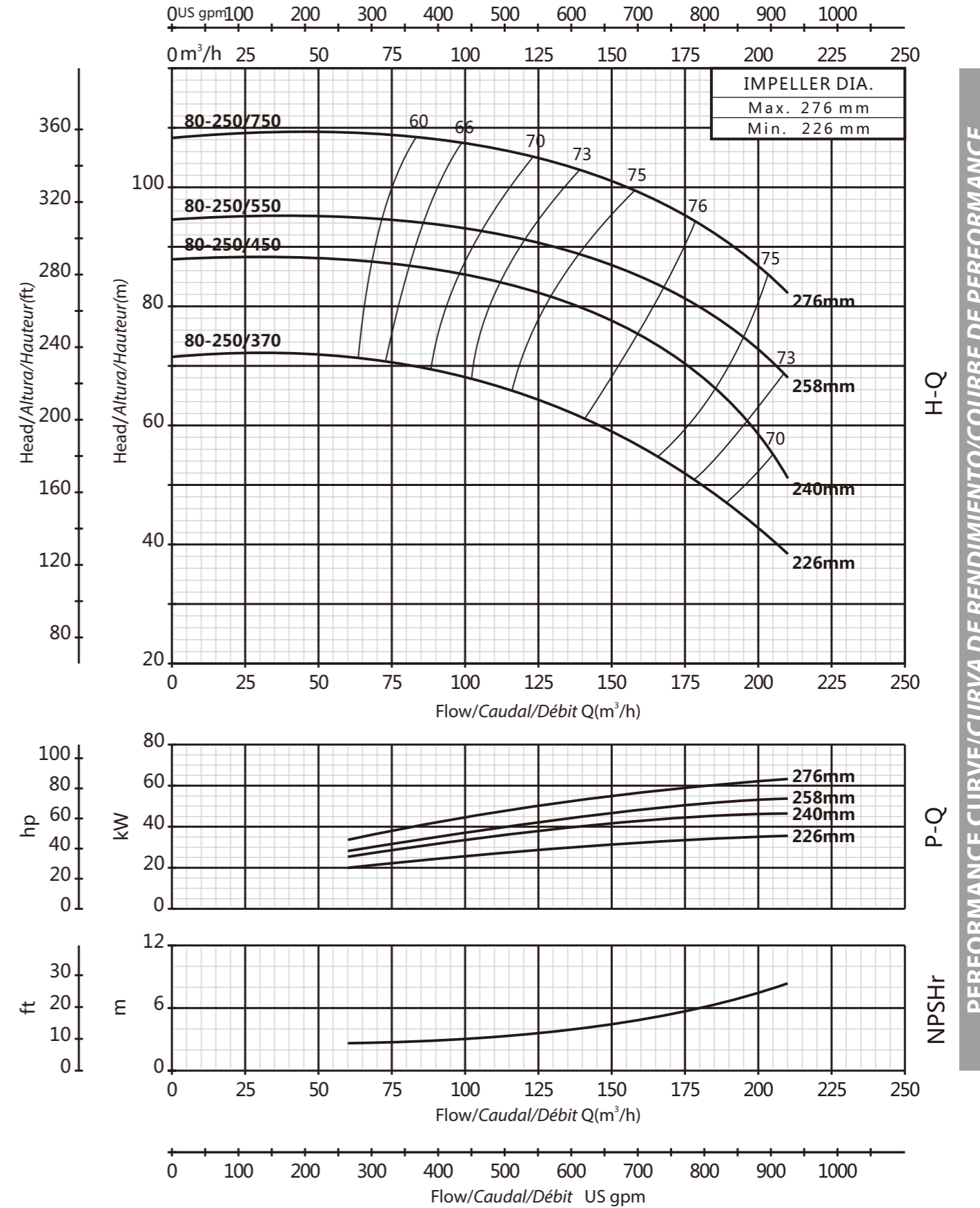
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

80-250

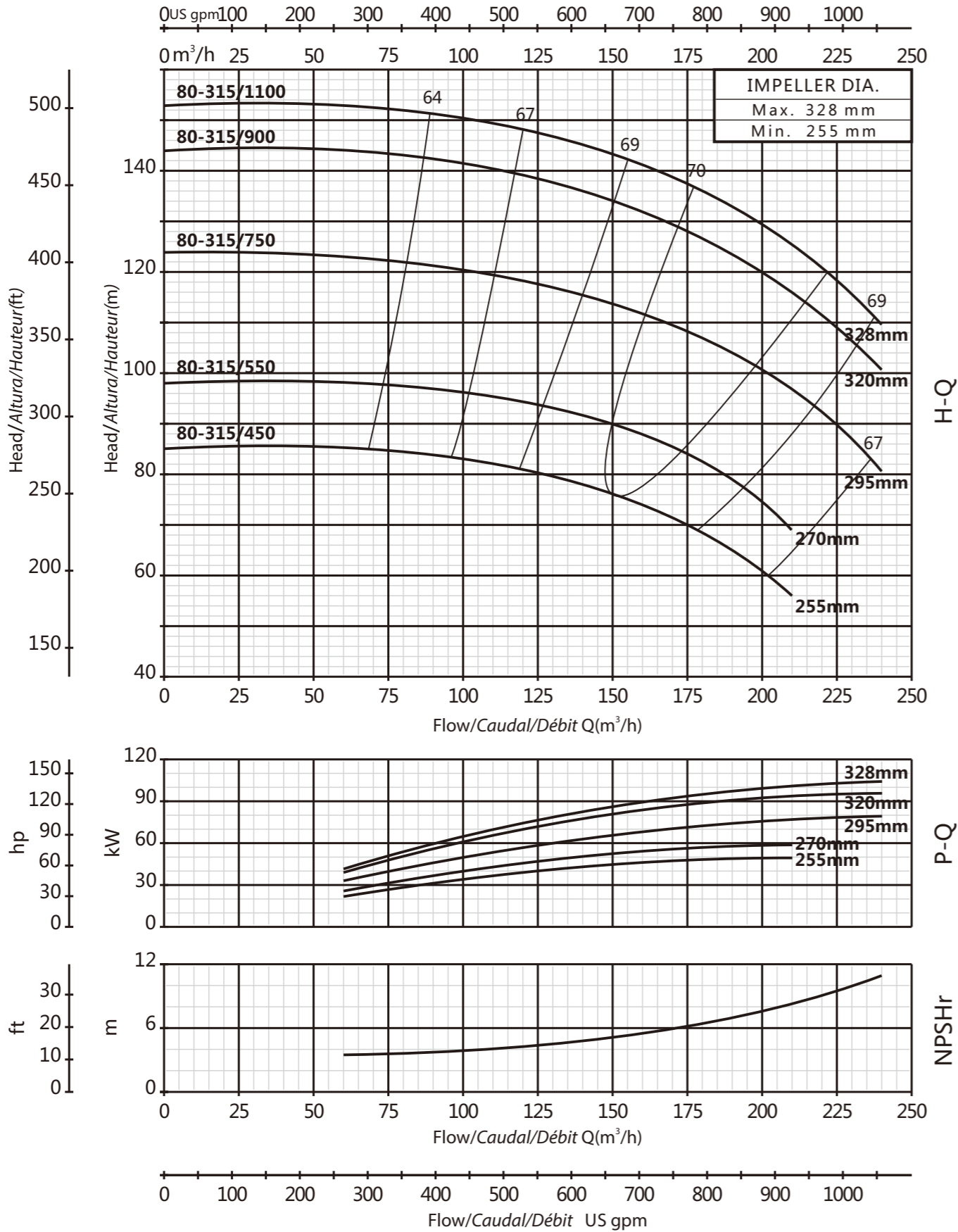
2900rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

80-315

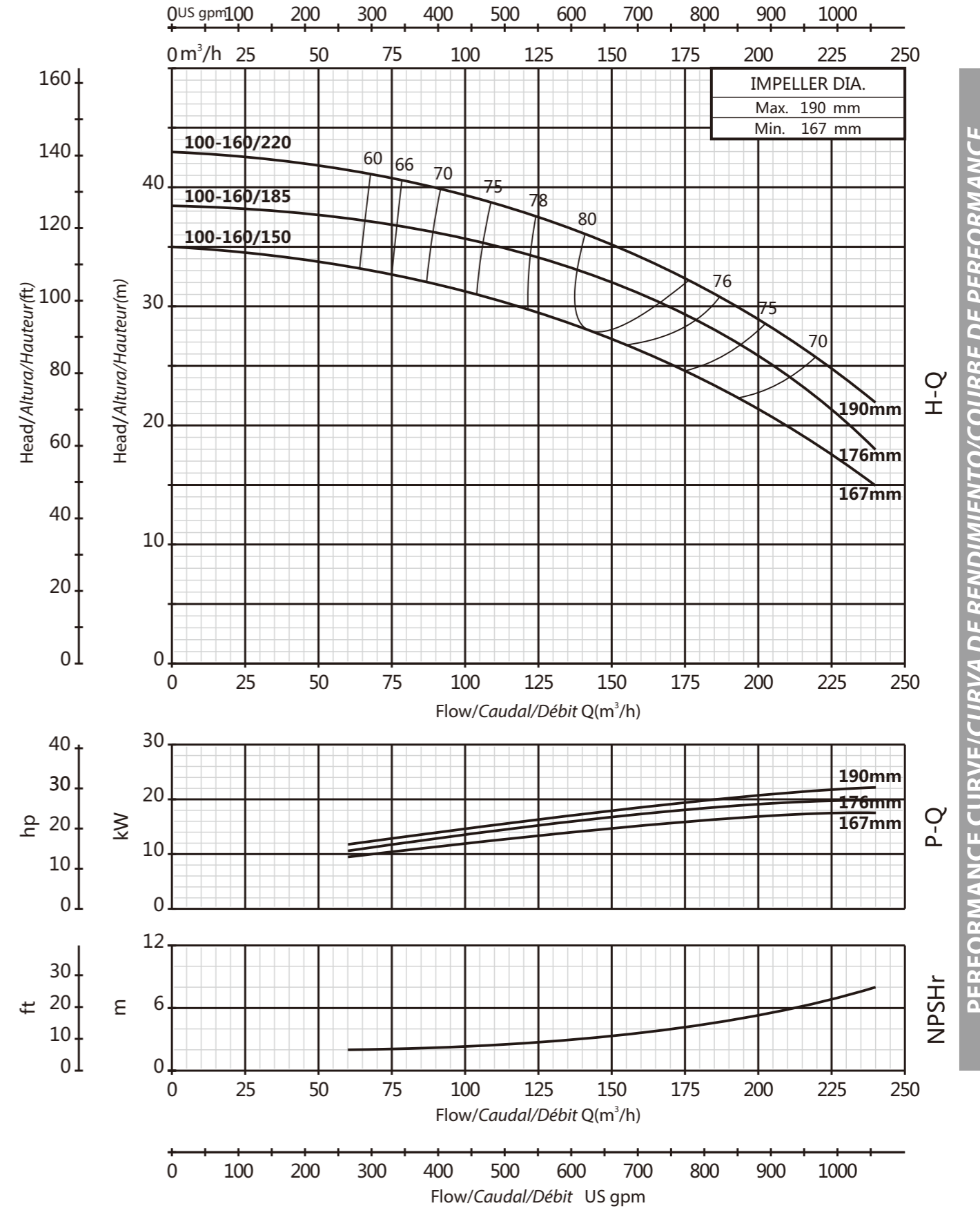
2900rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

100-160

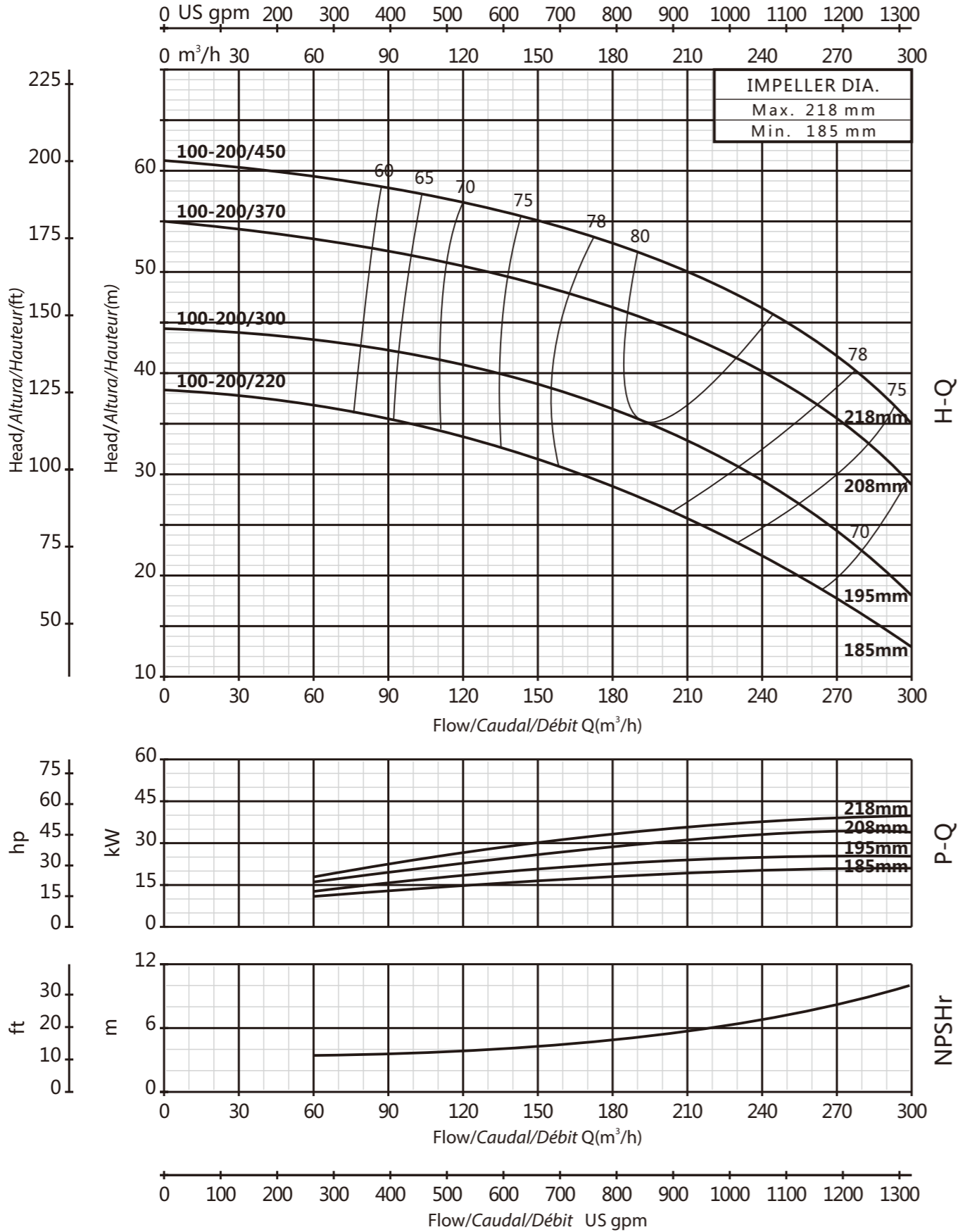
2900rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

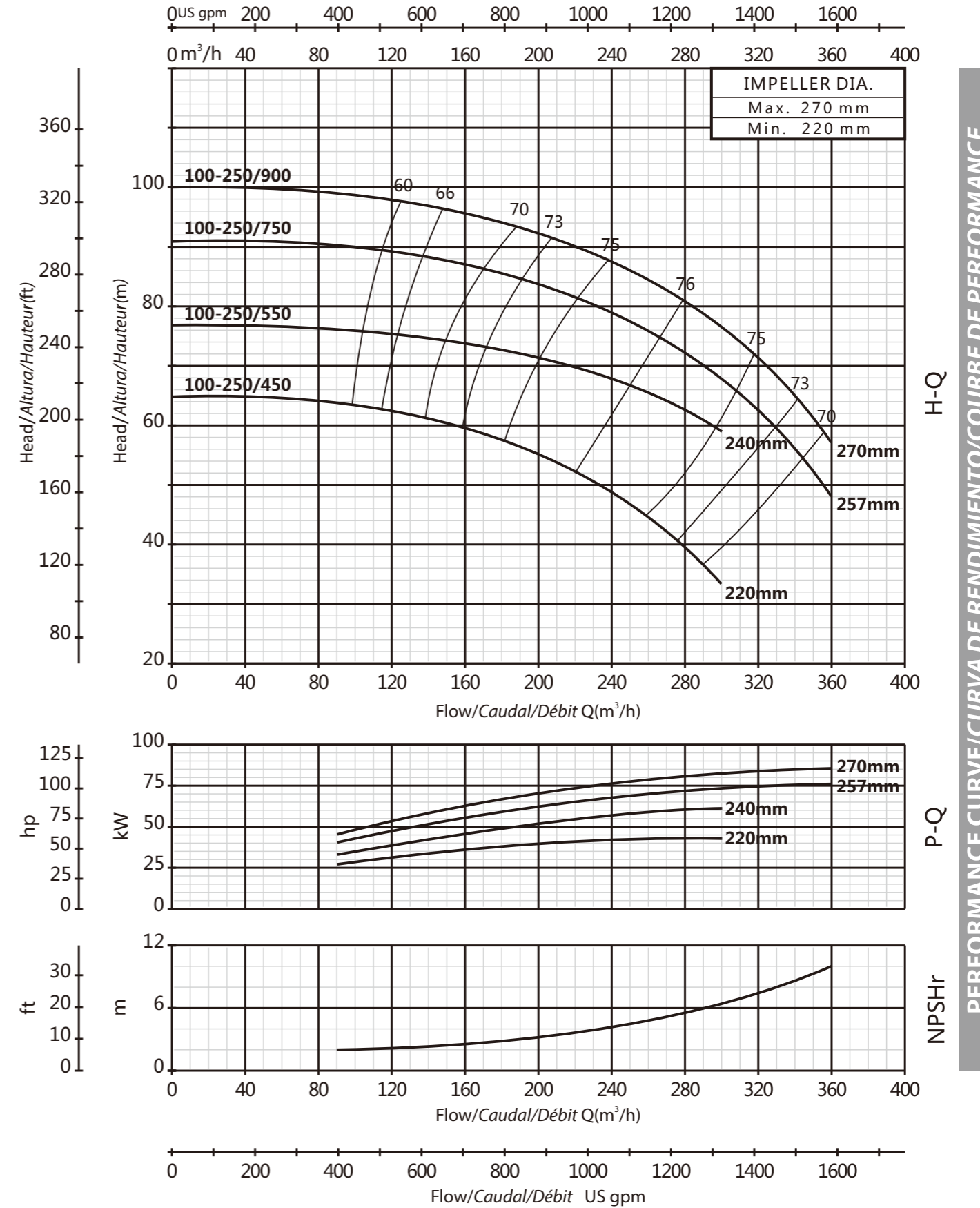
100-200

2900rpm



100-250

2900rpm

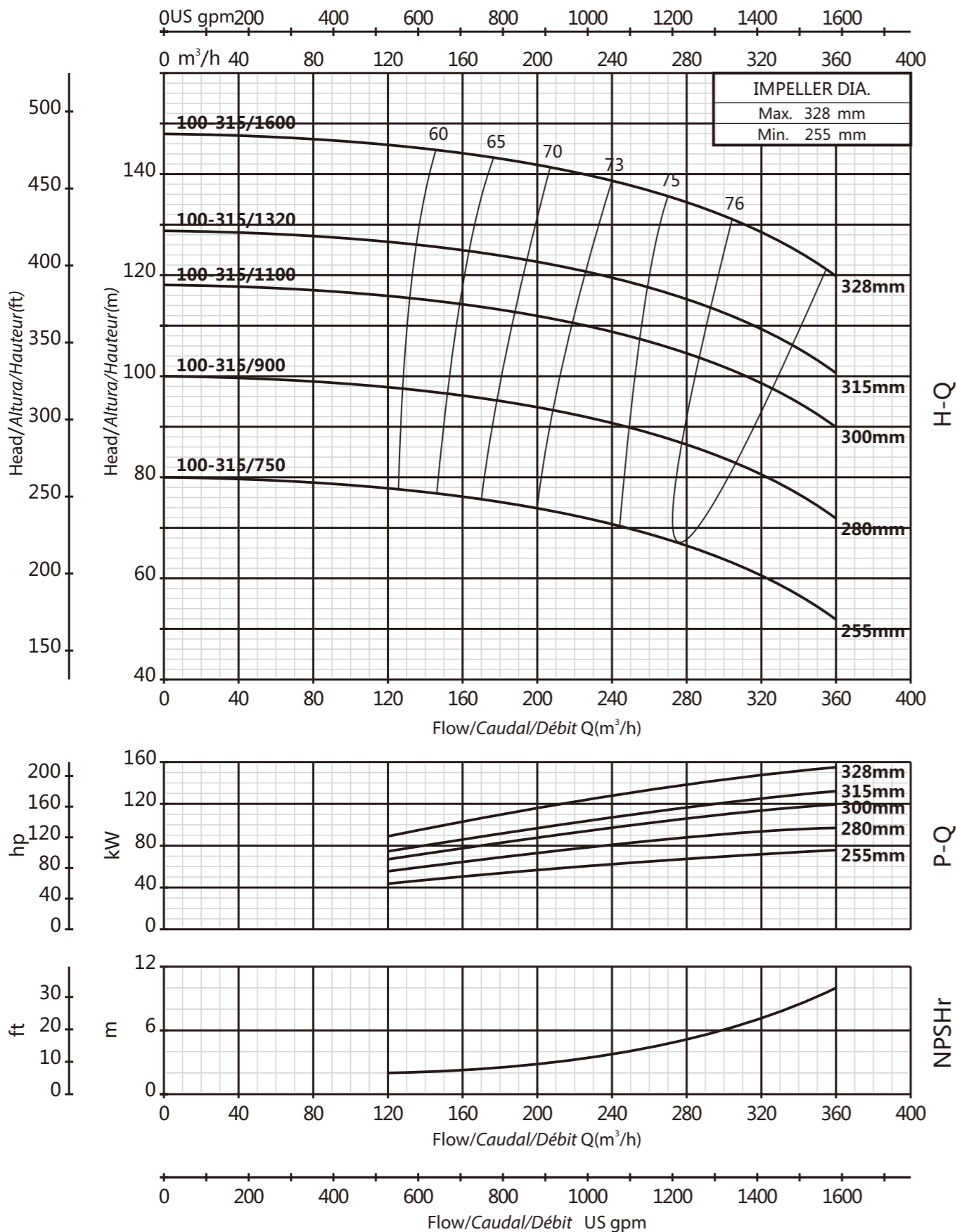


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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

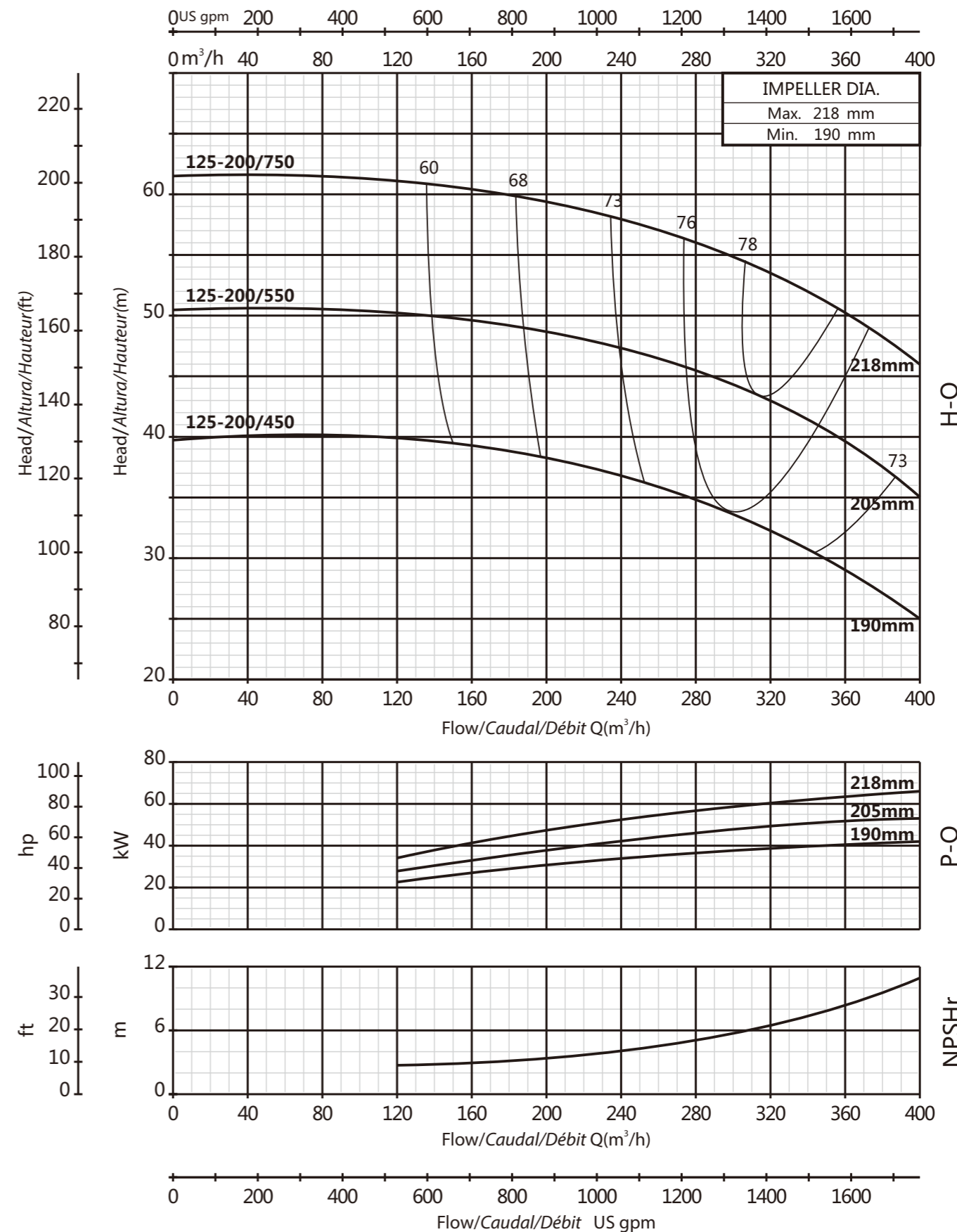
100-315

2900rpm



125-200

2900rpm

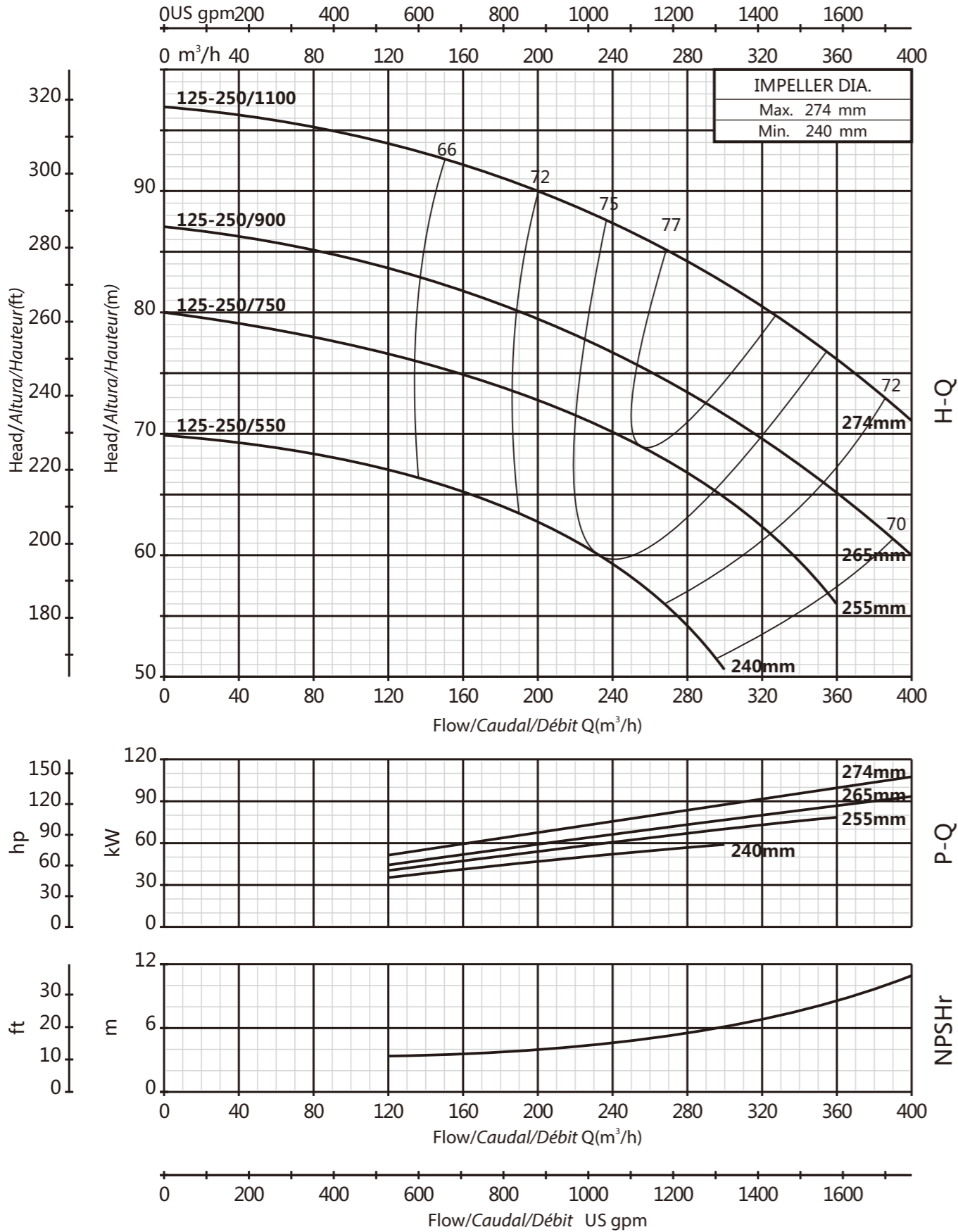


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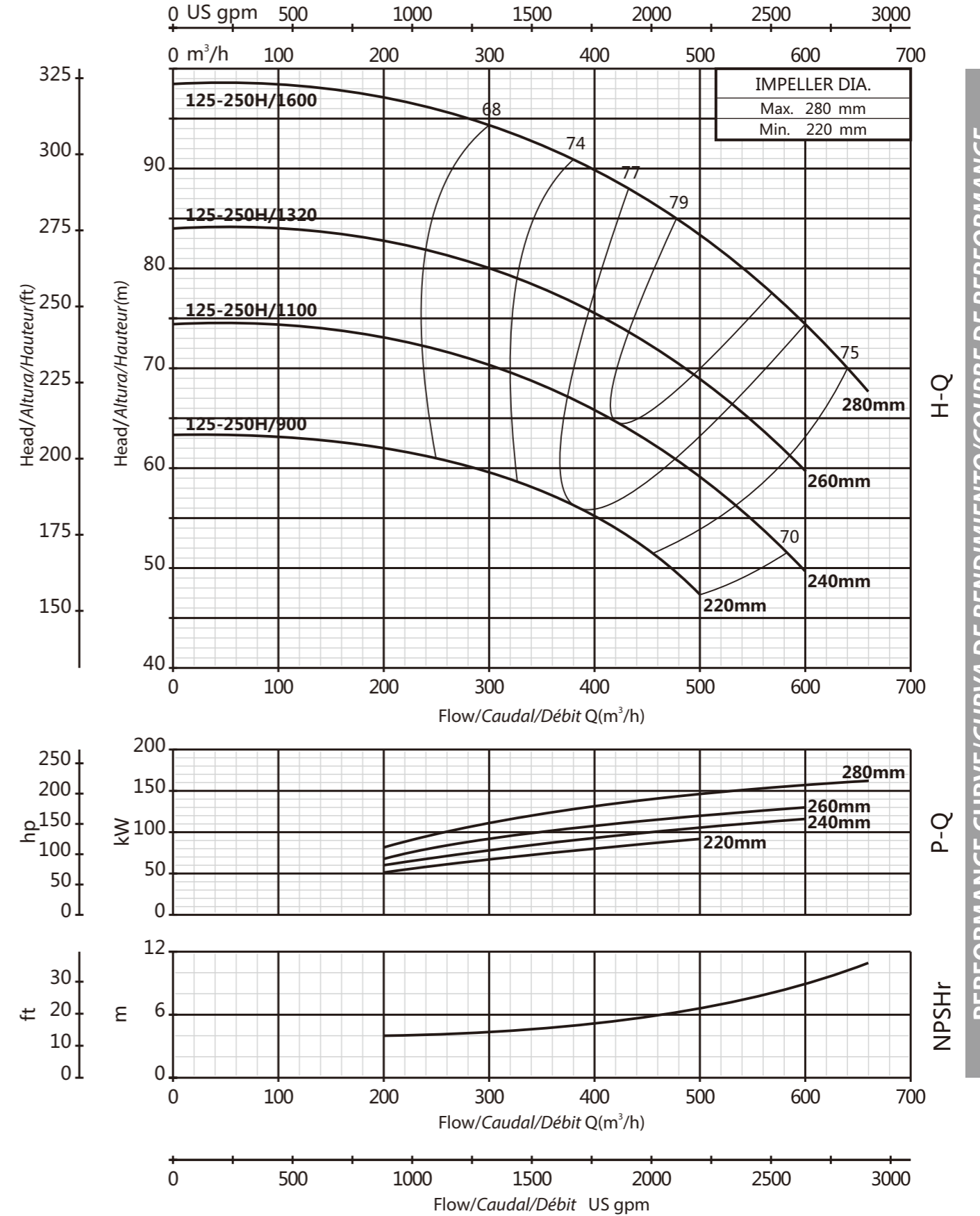
125-250

2900rpm



125-250H

2900rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE