



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**

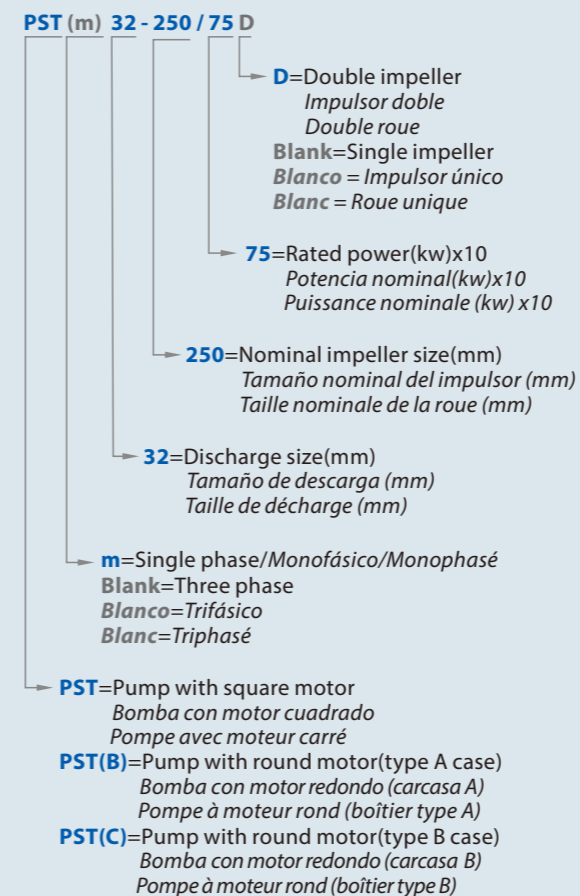
- ◆ Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water 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°C
- ◆ Ambient temperature between -10°C and +50°C
- ◆ Max. working pressure **16 bar**
- ◆ Continuous service **S1**
- ◆ Temperatura del líquido de -10 °C hasta +120 °C
- ◆ Temperatura ambiente de -10 °C hasta +50 °C
- ◆ Presión máxima en el cuerpo de la bomba **16 bar**
- ◆ Funcionamiento continuo **S1**
- ◆ Température du liquide entre -10 °C et +120 °C
- ◆ Température ambiante entre -10 °C et +50 °C
- ◆ Max. pression de service **16 bar**
- ◆ Service continu **S1**

**MODEL CODE/CÓDIGO MODELO/CODE MODÈLE**

For example/ Por ejemplo/ Par exemple



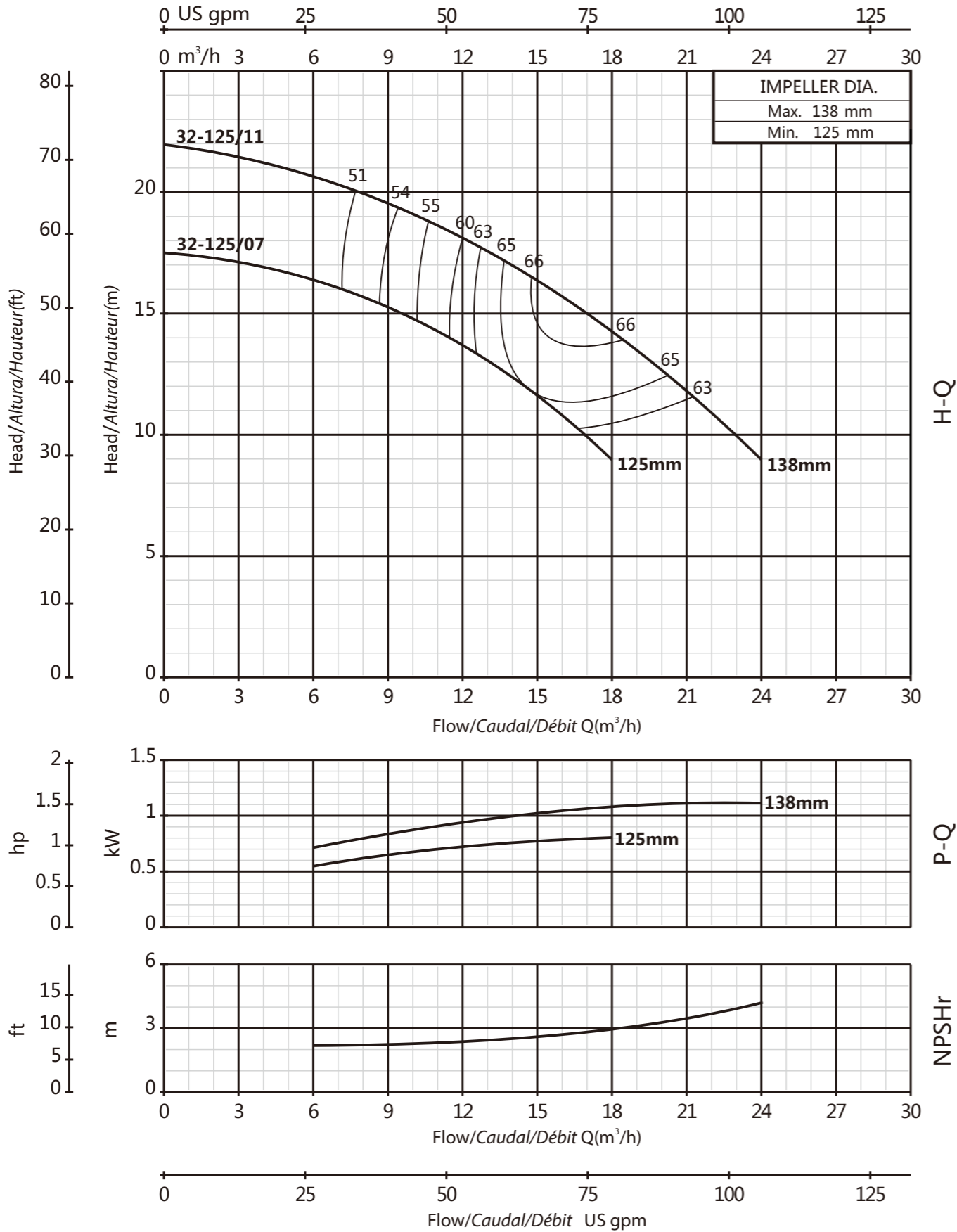
**TECHNICAL SHEET/HOJA TÉCNICA/FICHE TECHNIQUE**

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



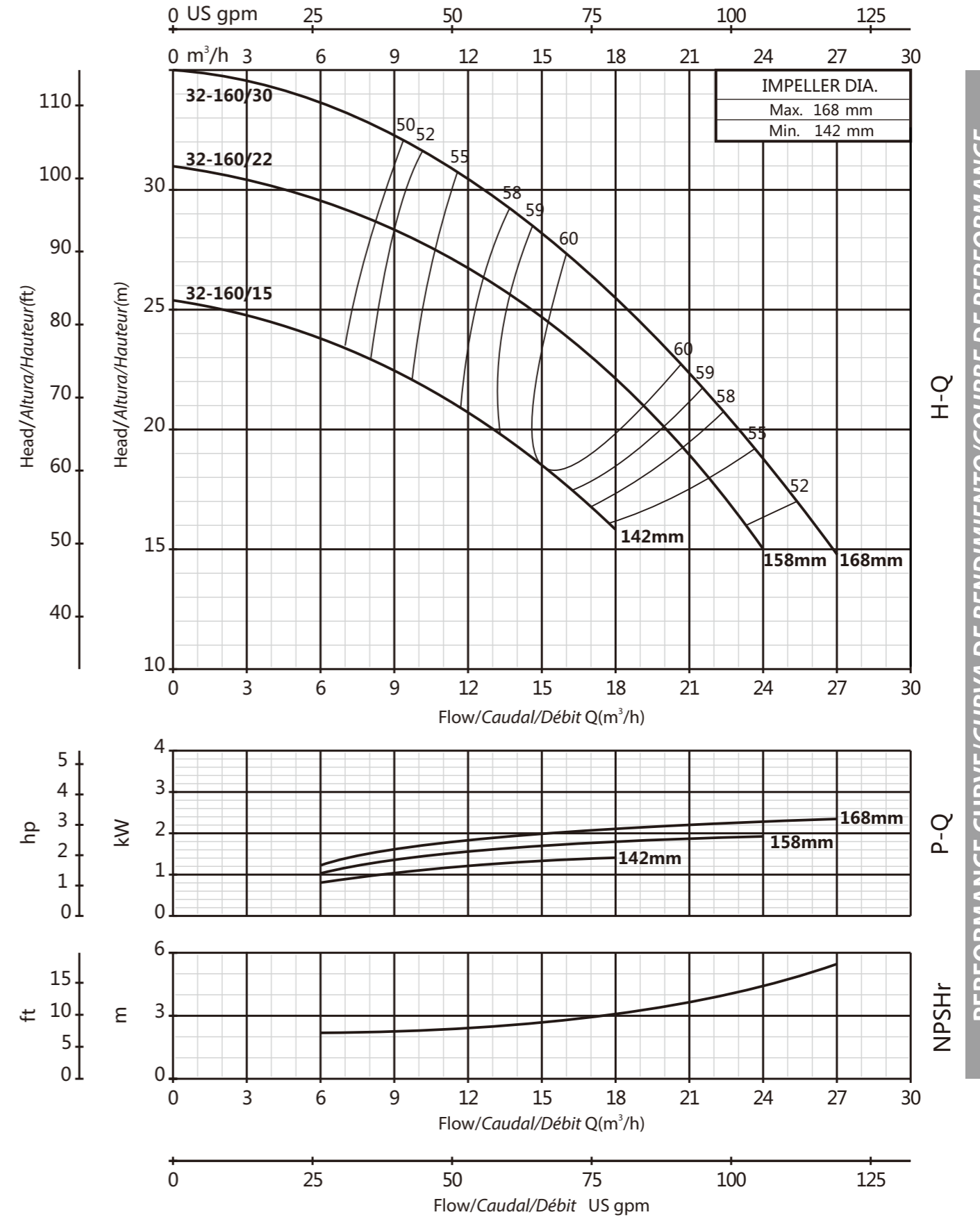
### 32-125

2900rpm



### 32-160

2900rpm

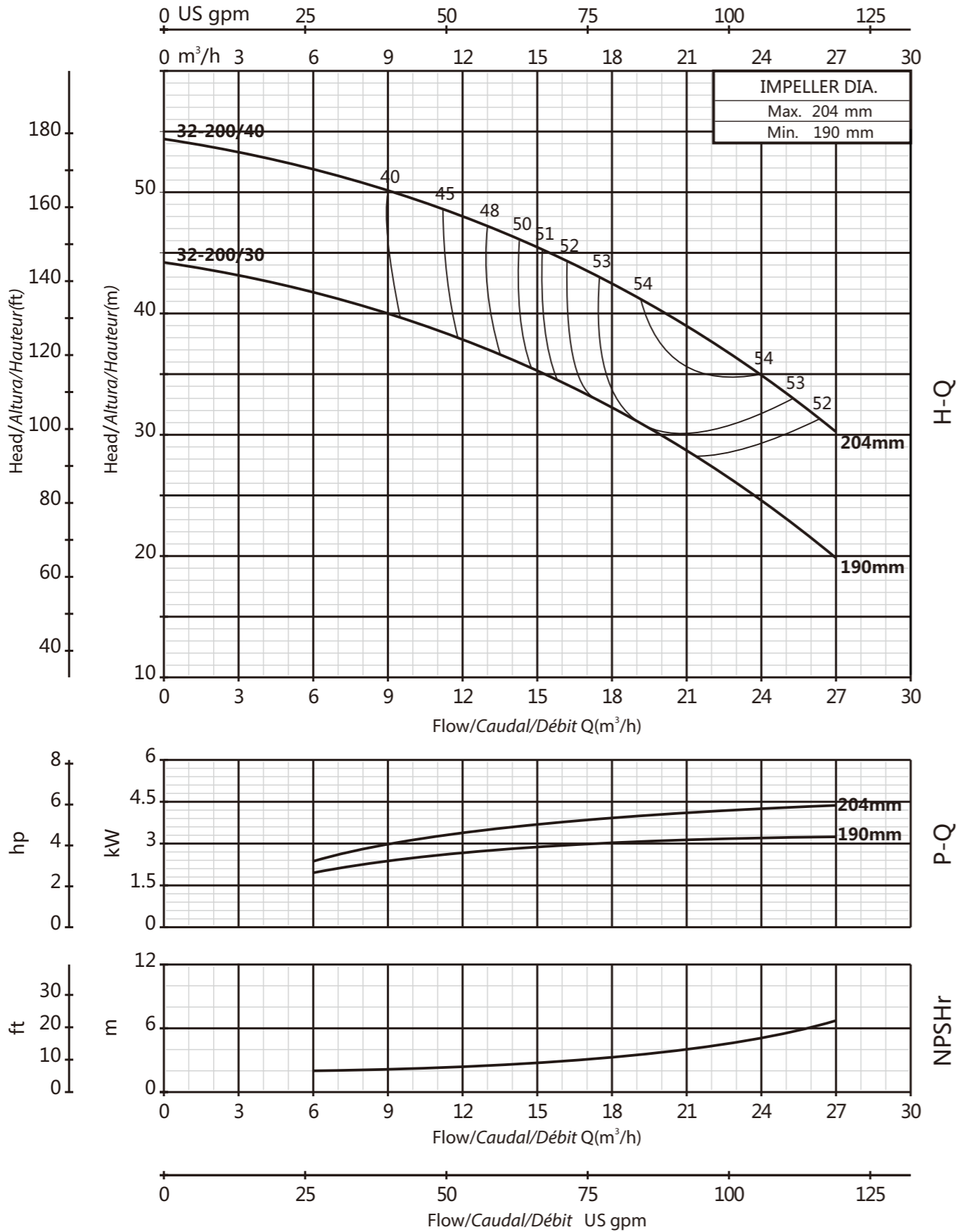


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

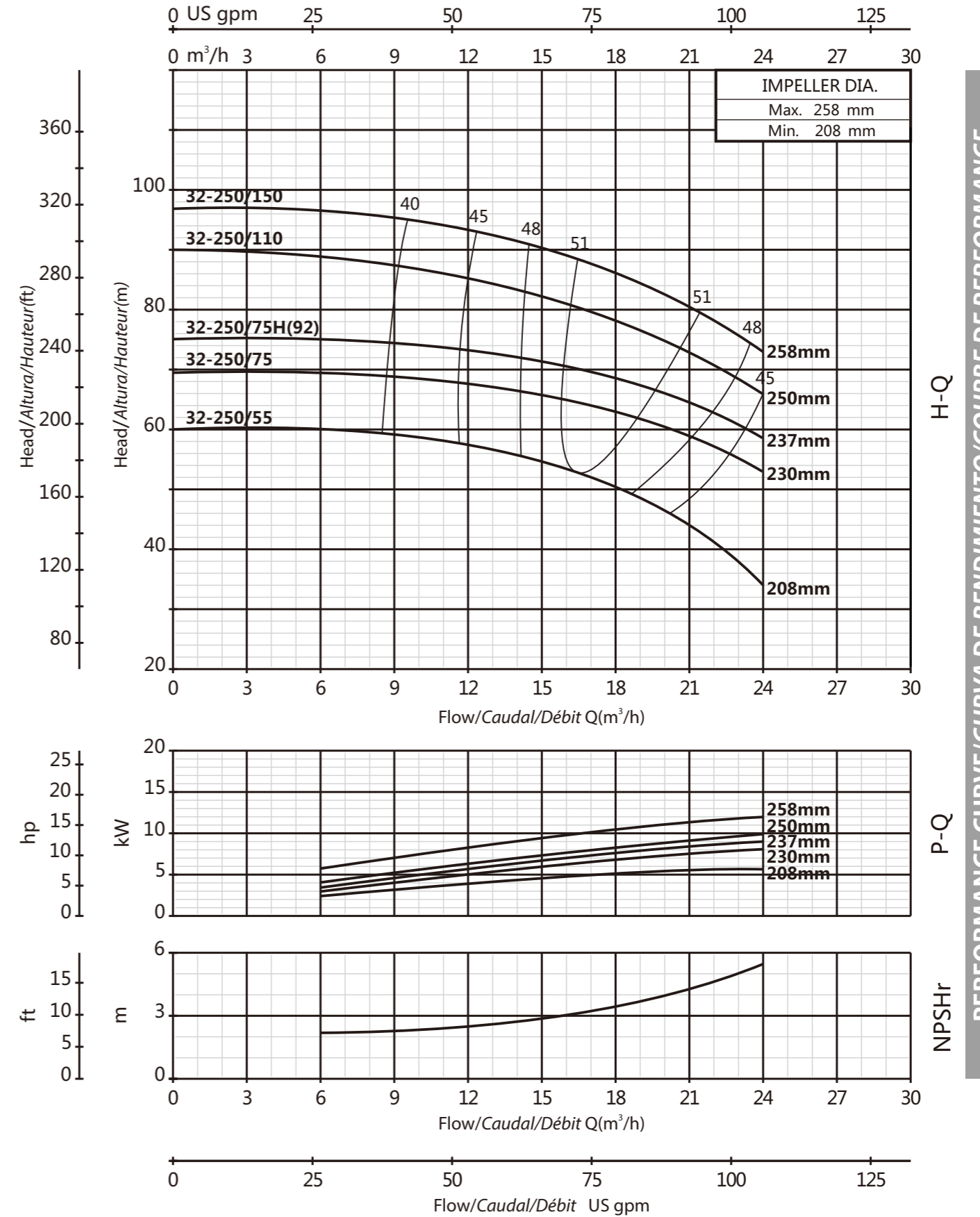
### 32-200

2900rpm



### 32-250

2900rpm

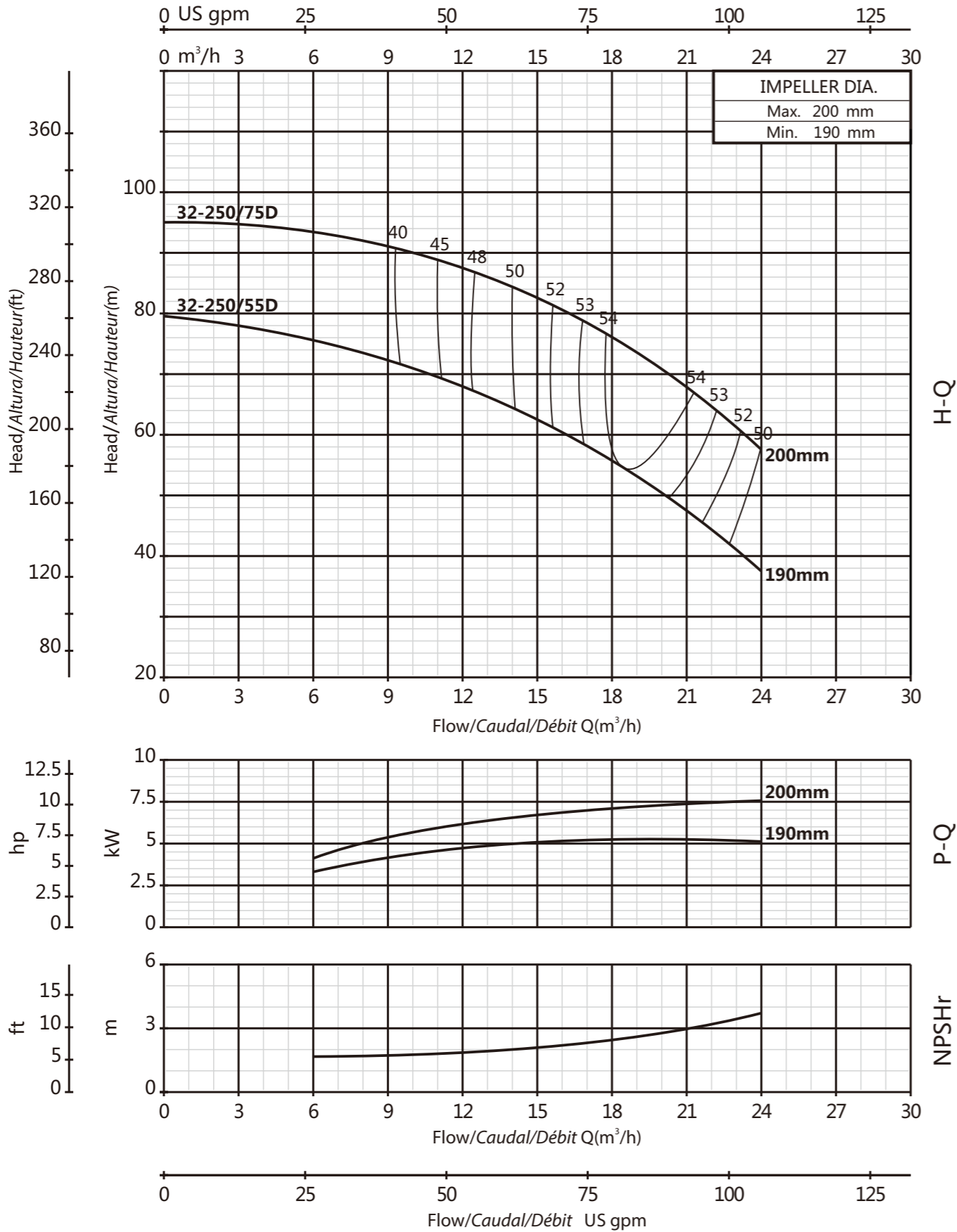


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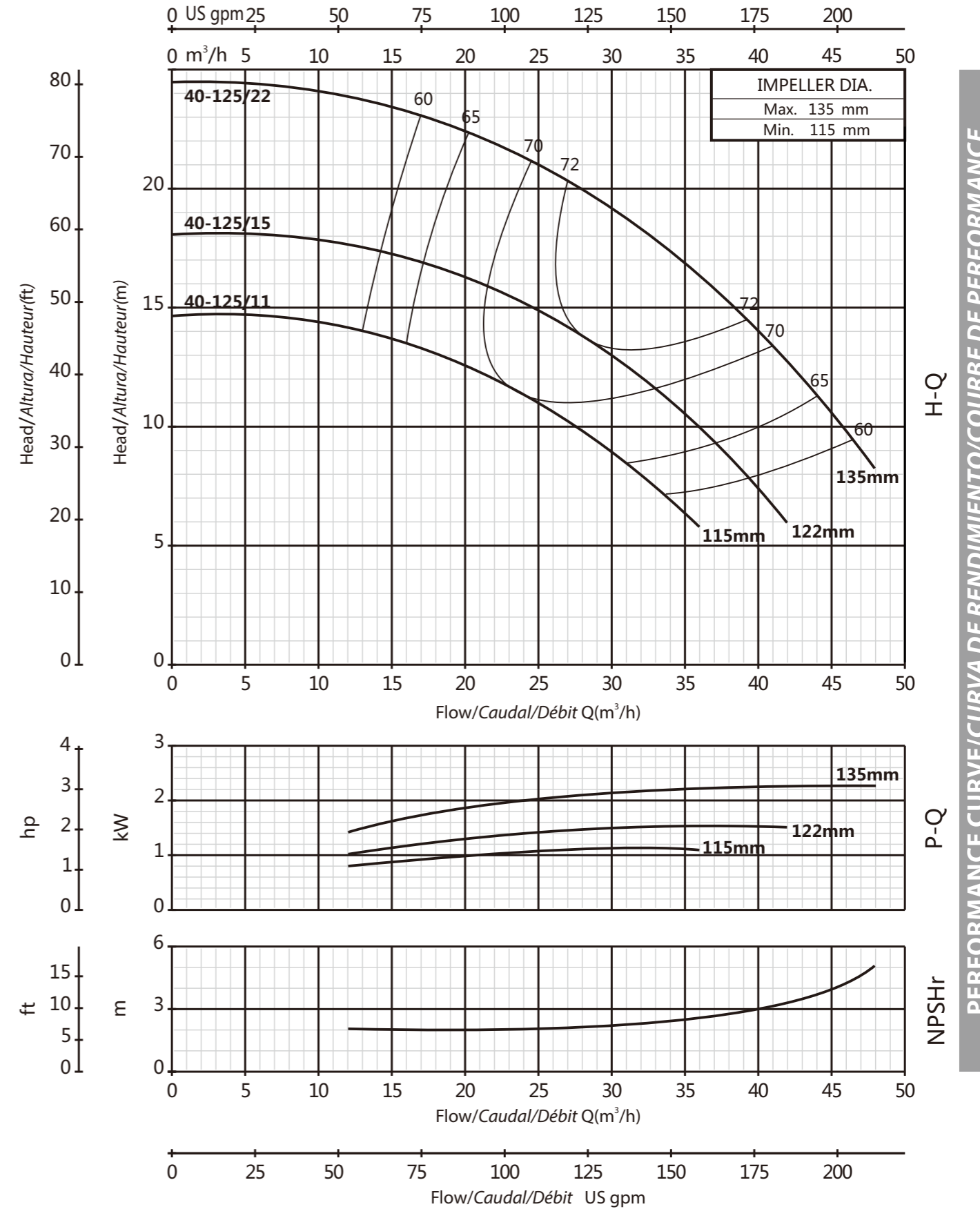
2900rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 40-125

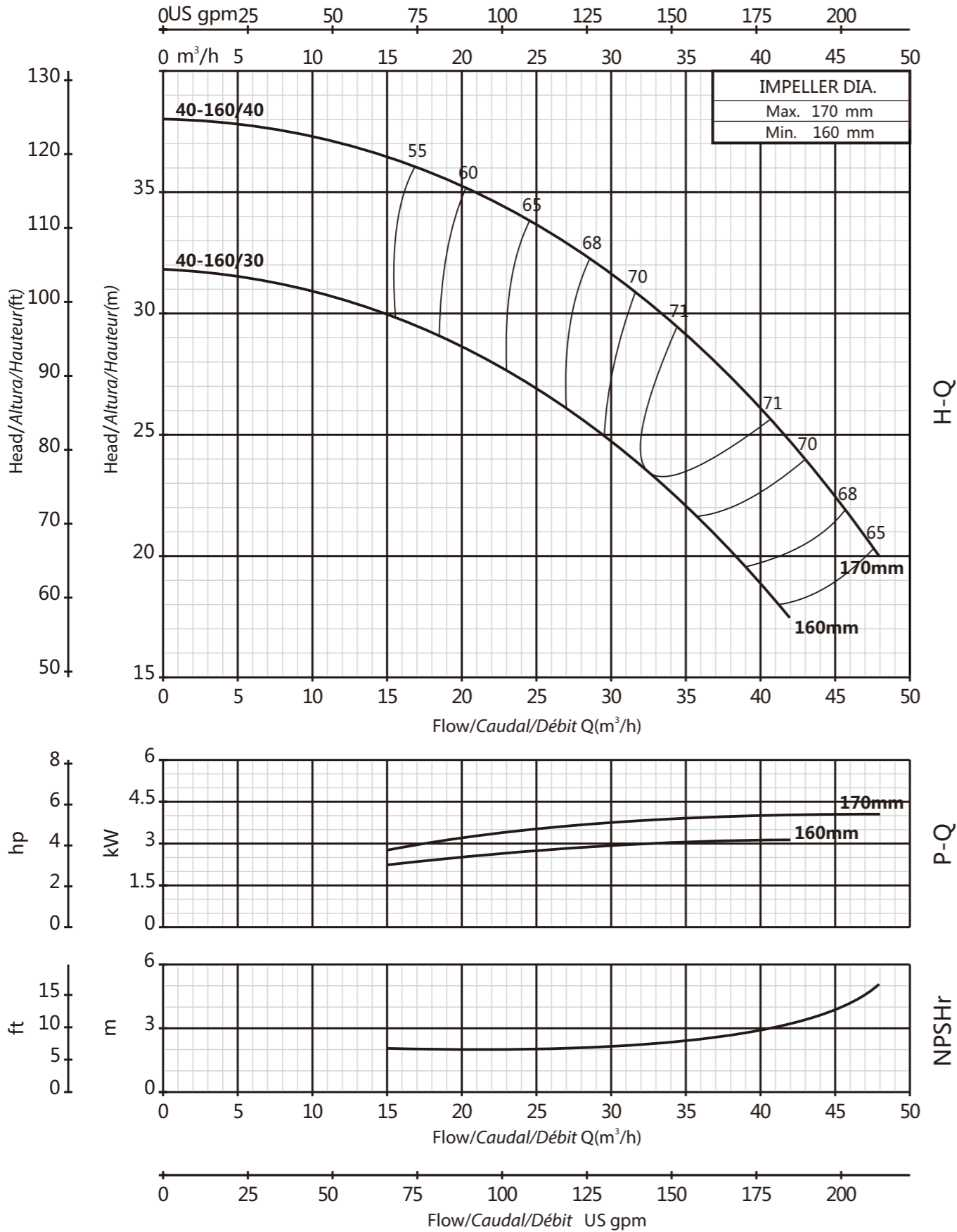
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 40-160

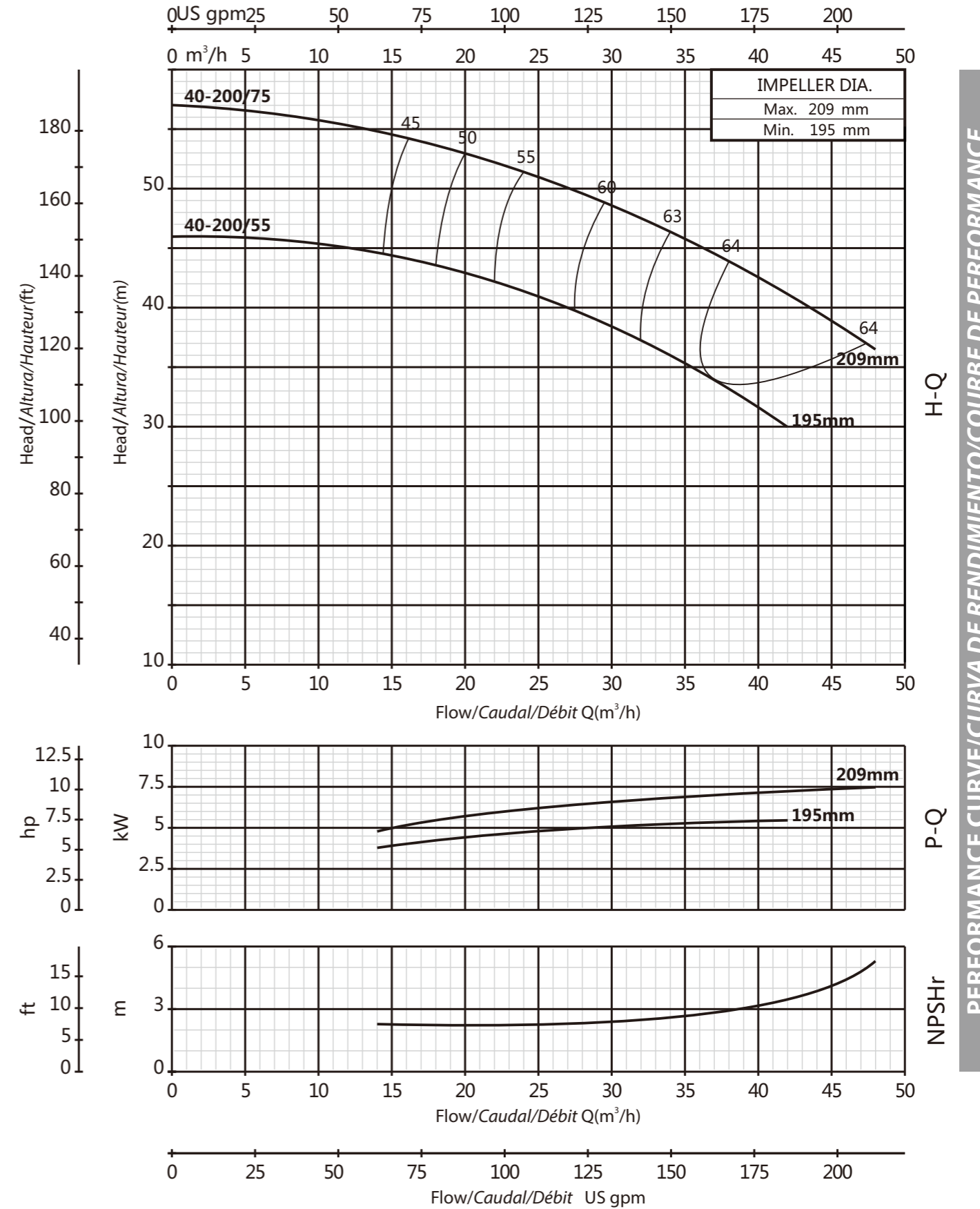
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 40-200

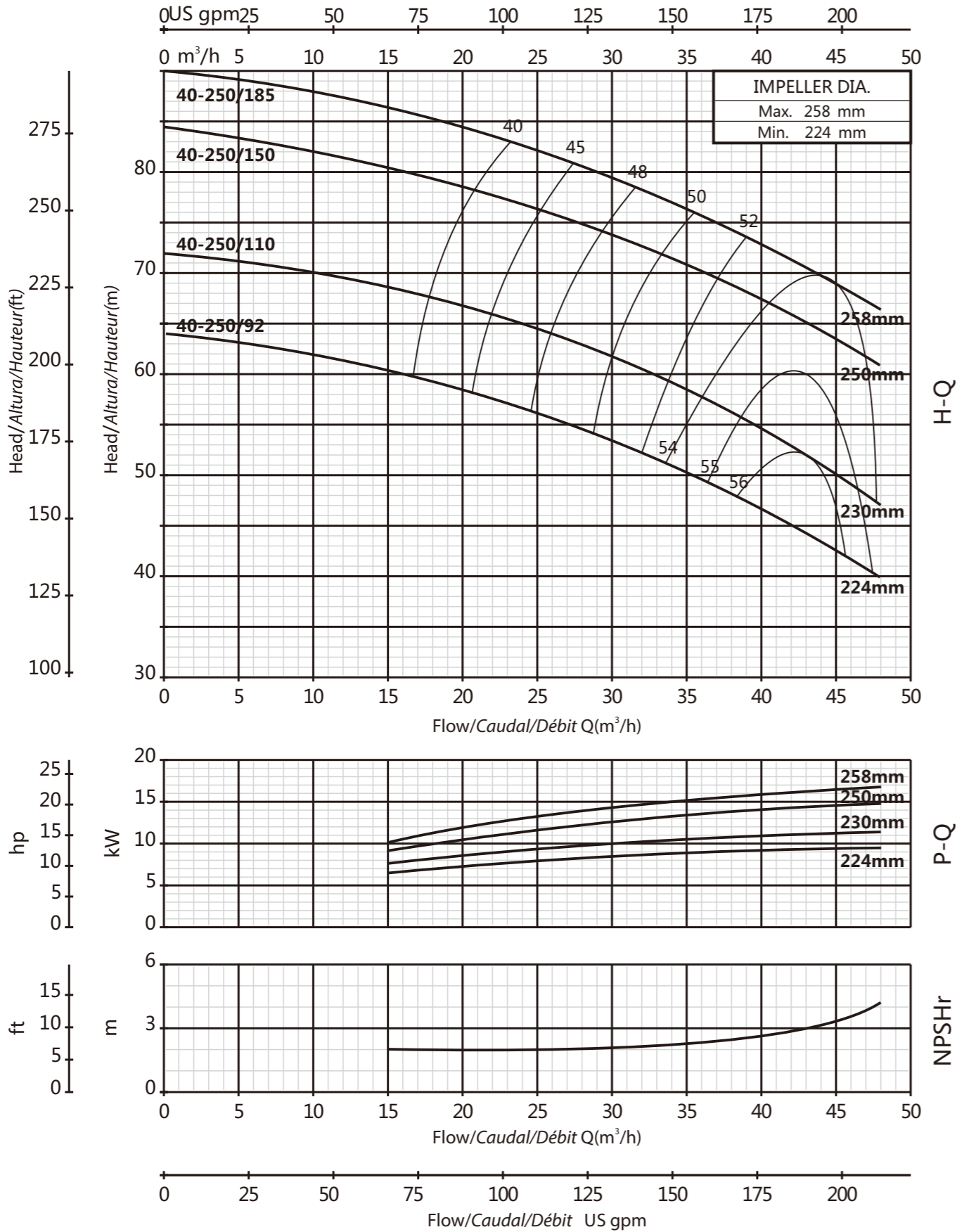
2900rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

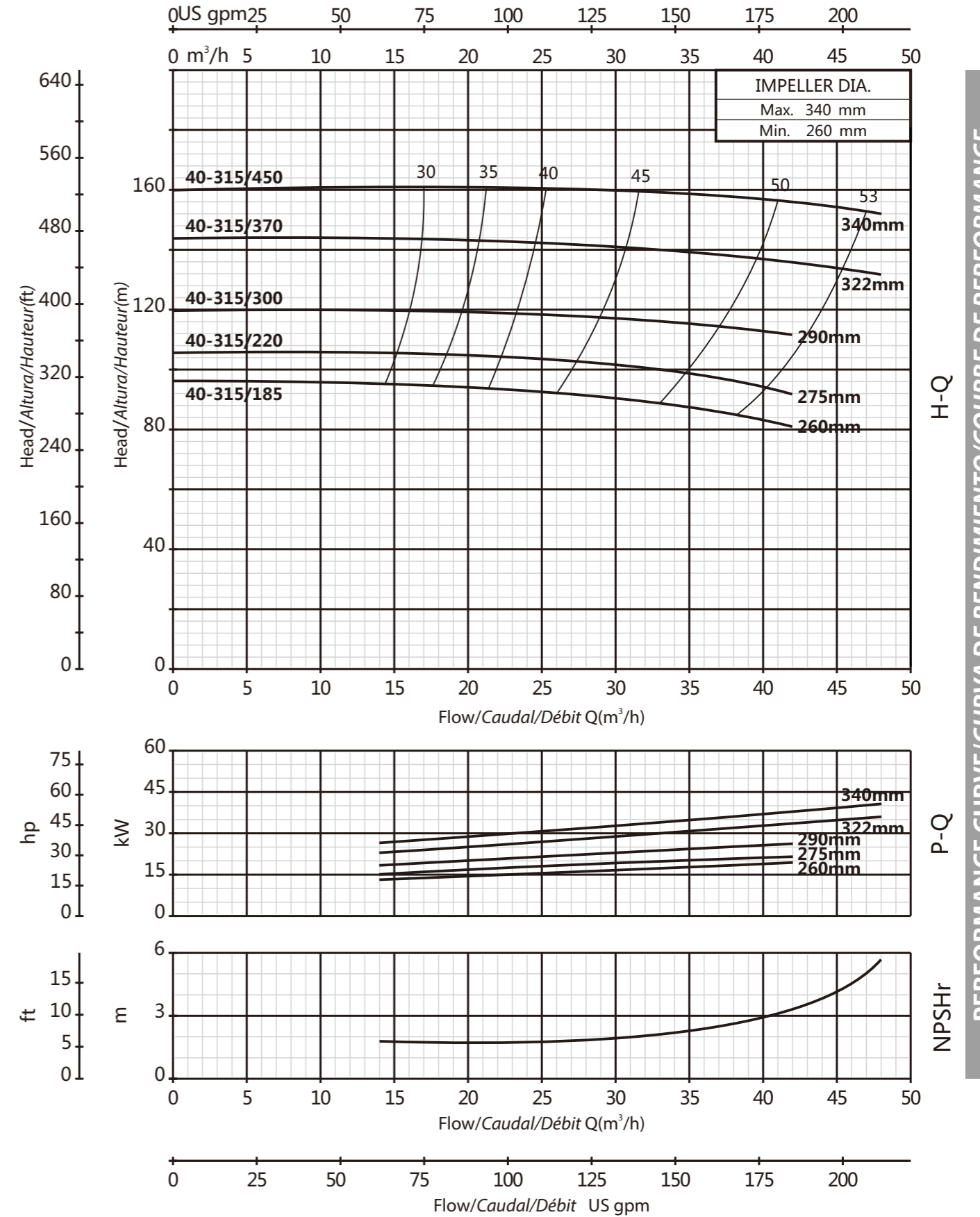
### 40-250

2900rpm



### 40-315

2900rpm

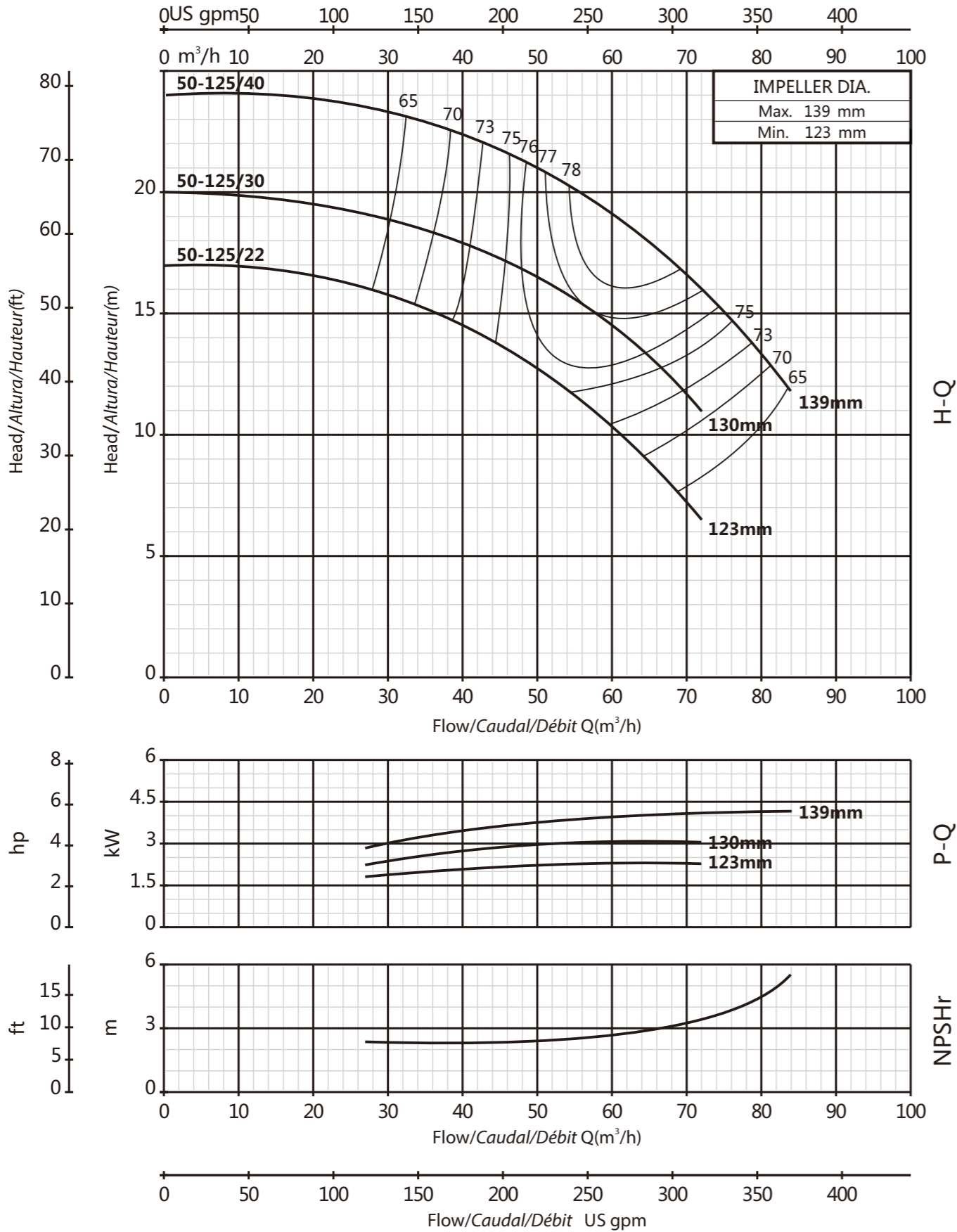


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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 50-125

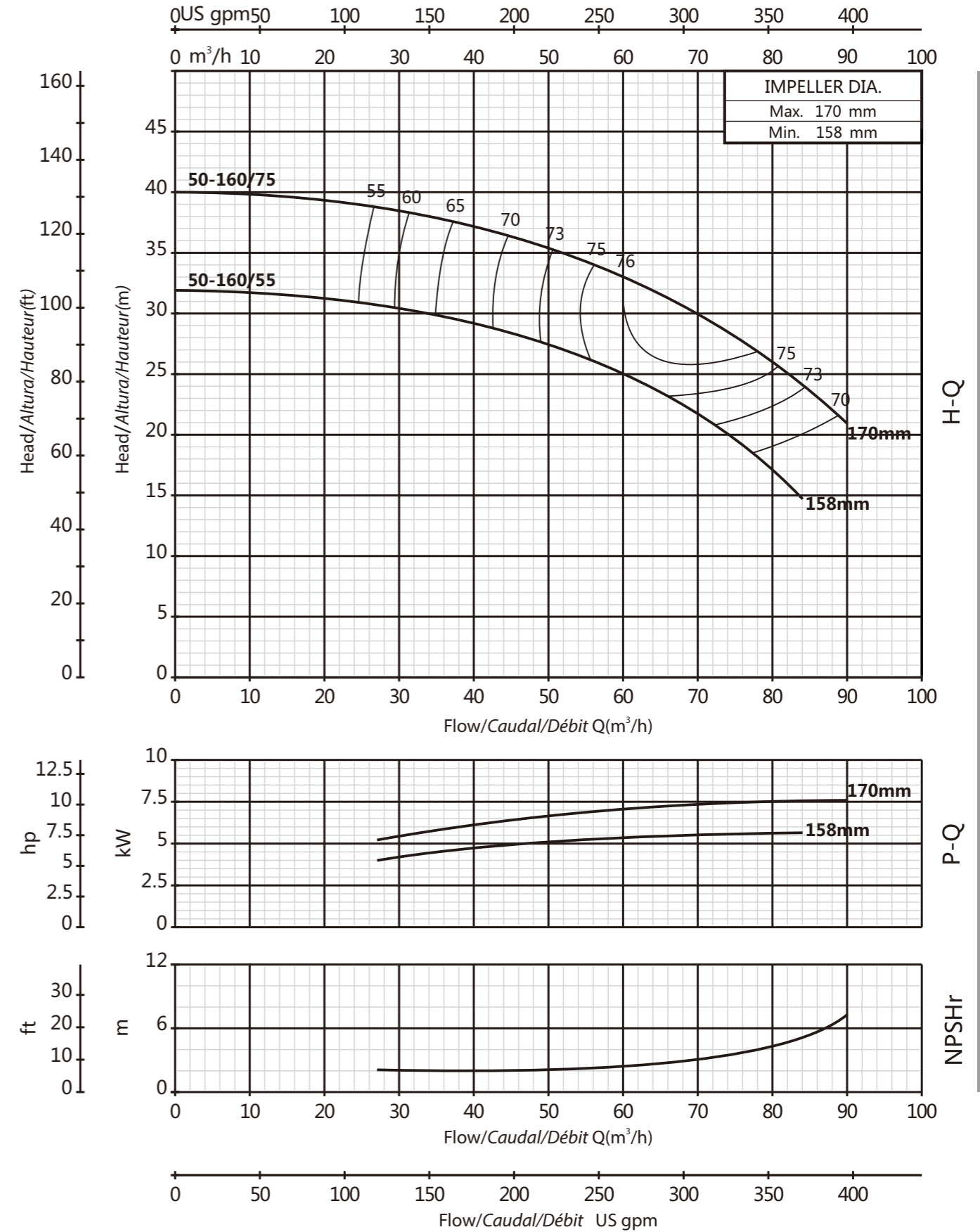
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 50-160

2900rpm

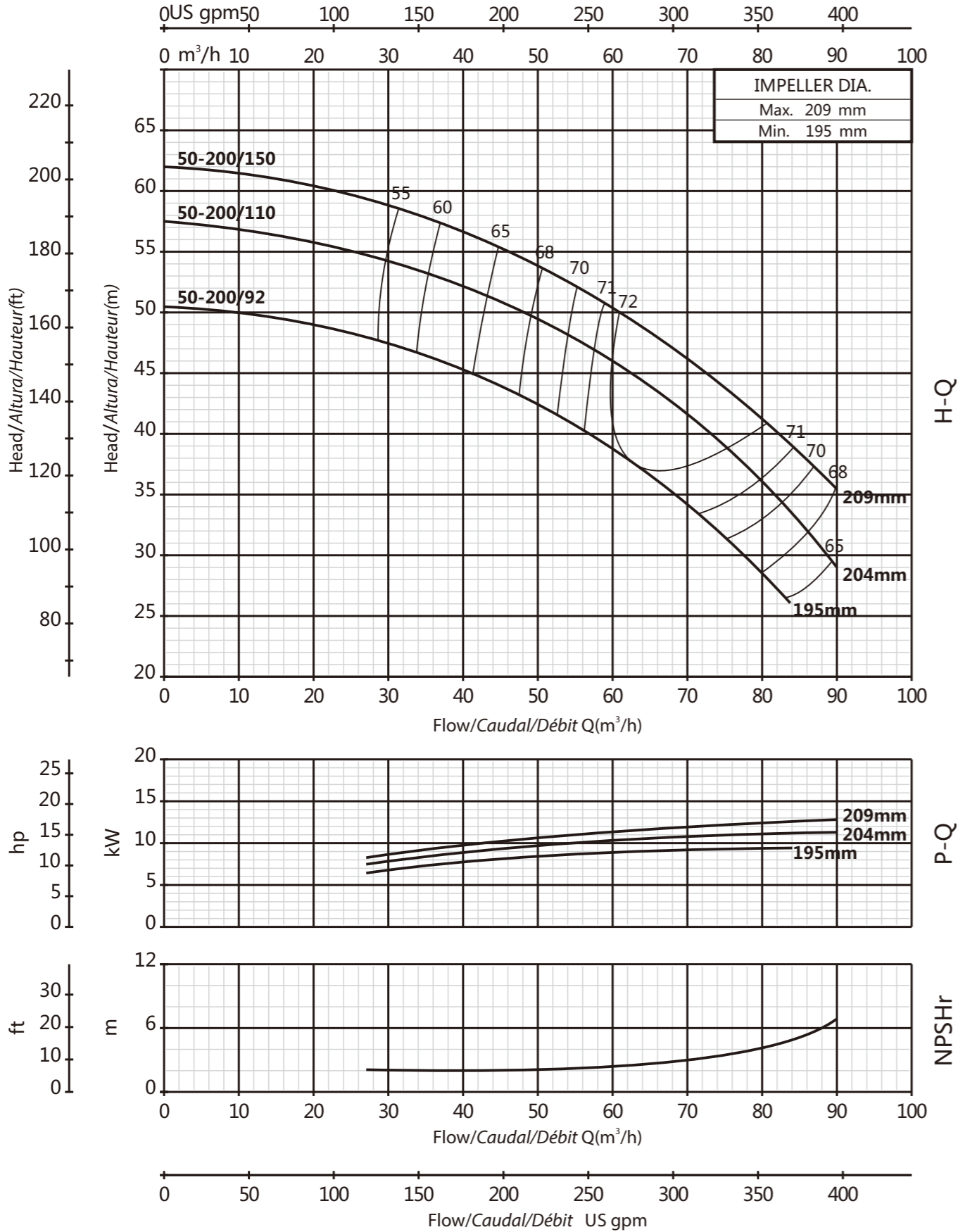


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE



### 50-200

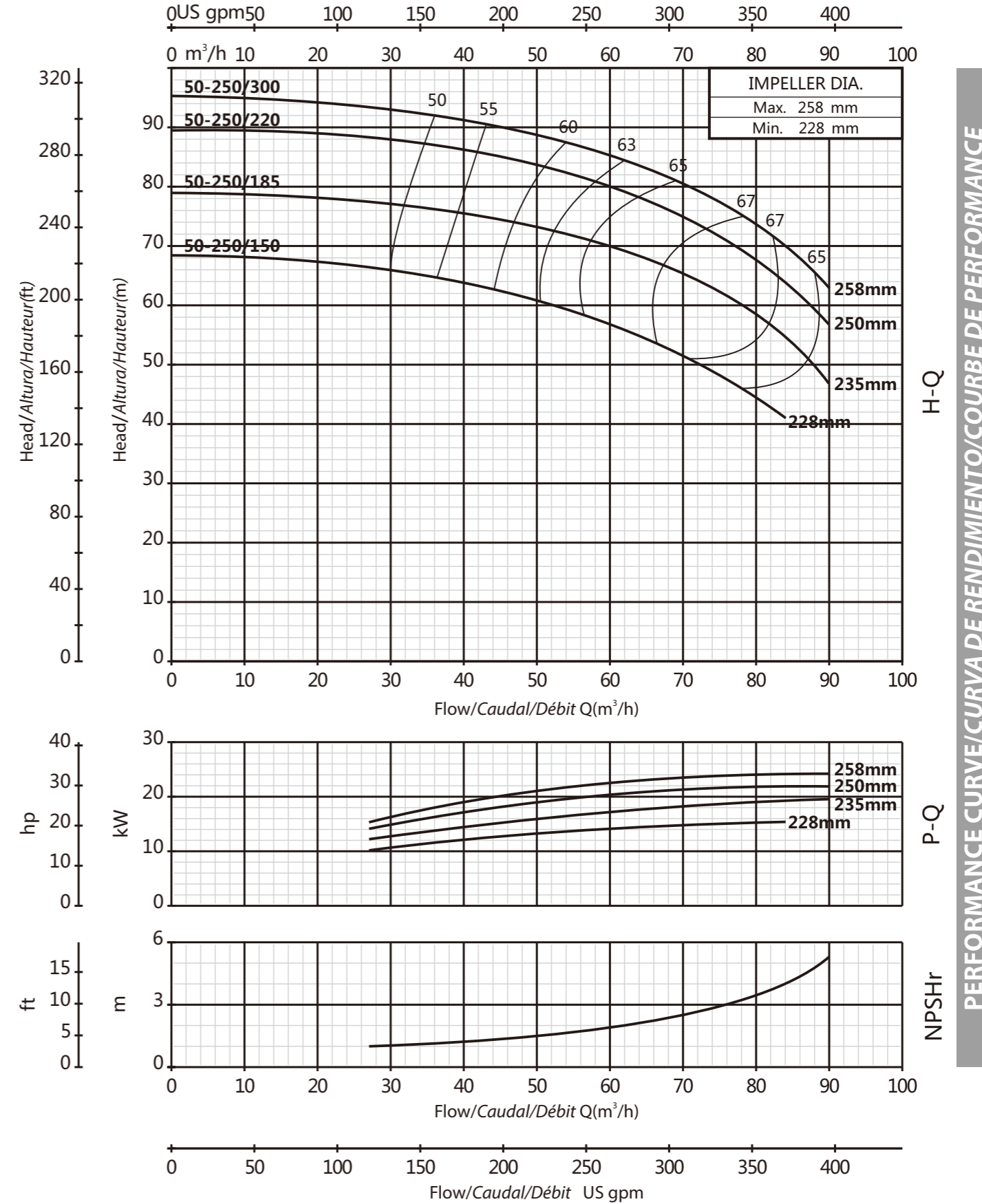
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 50-250

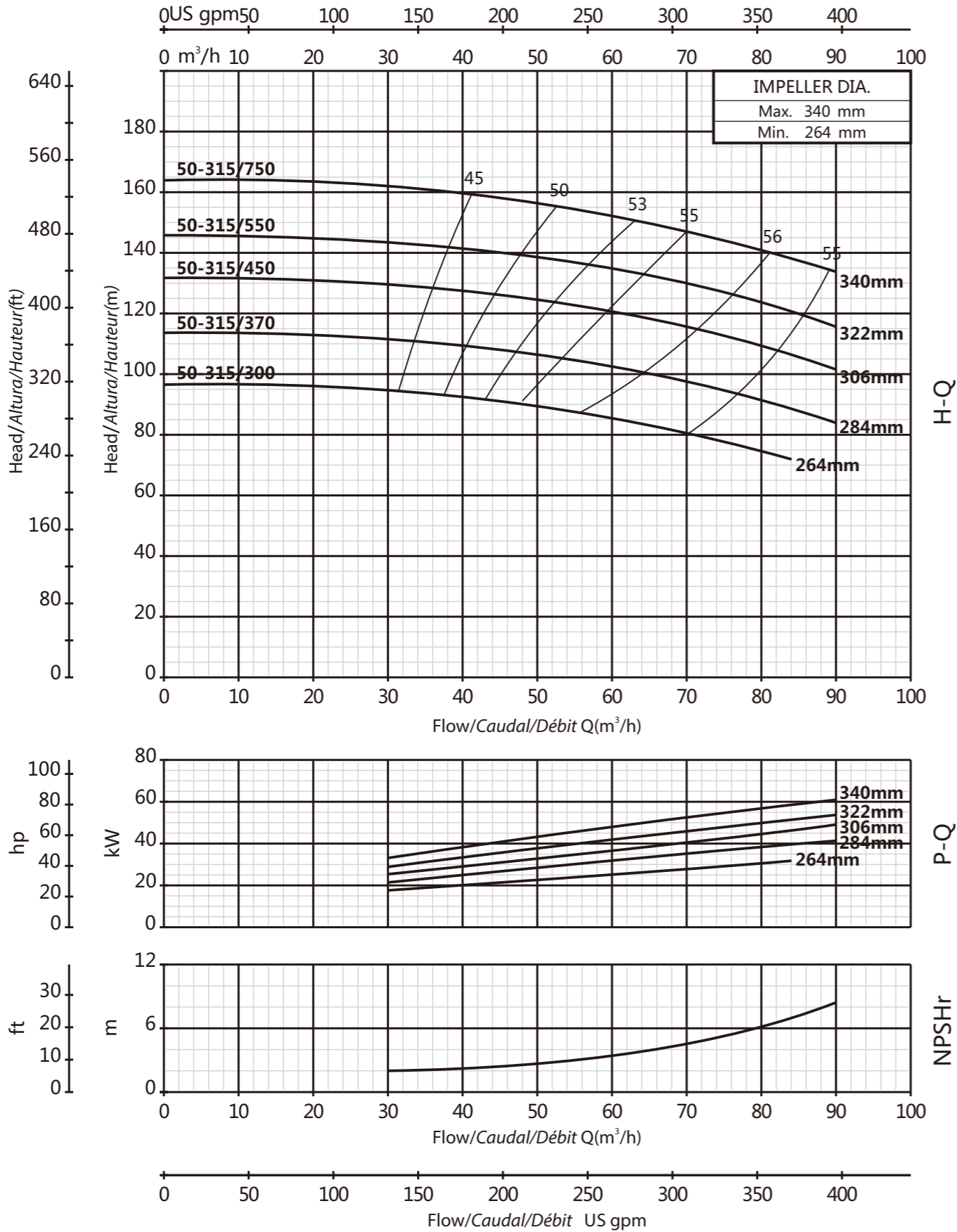
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 50-315

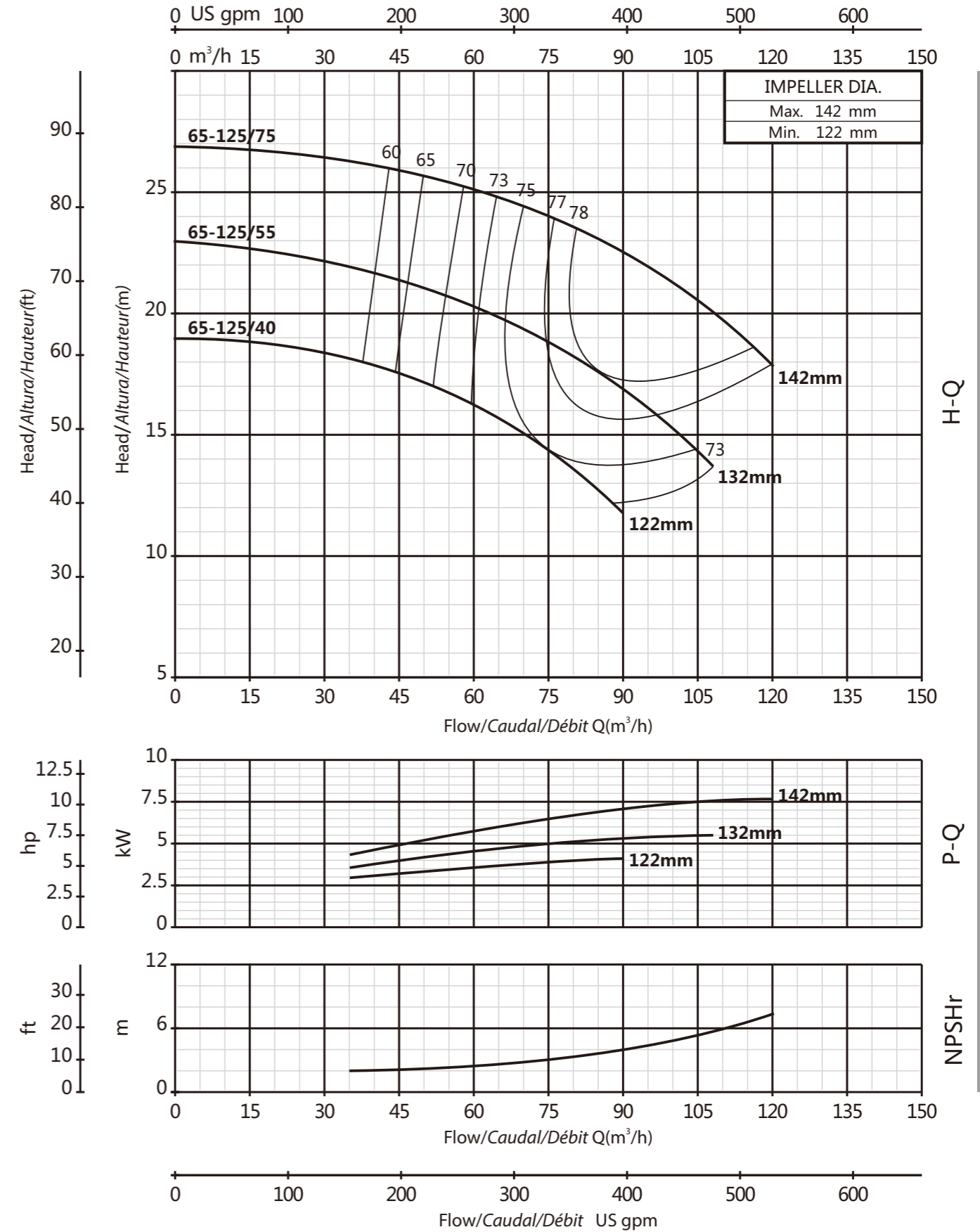
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 65-125

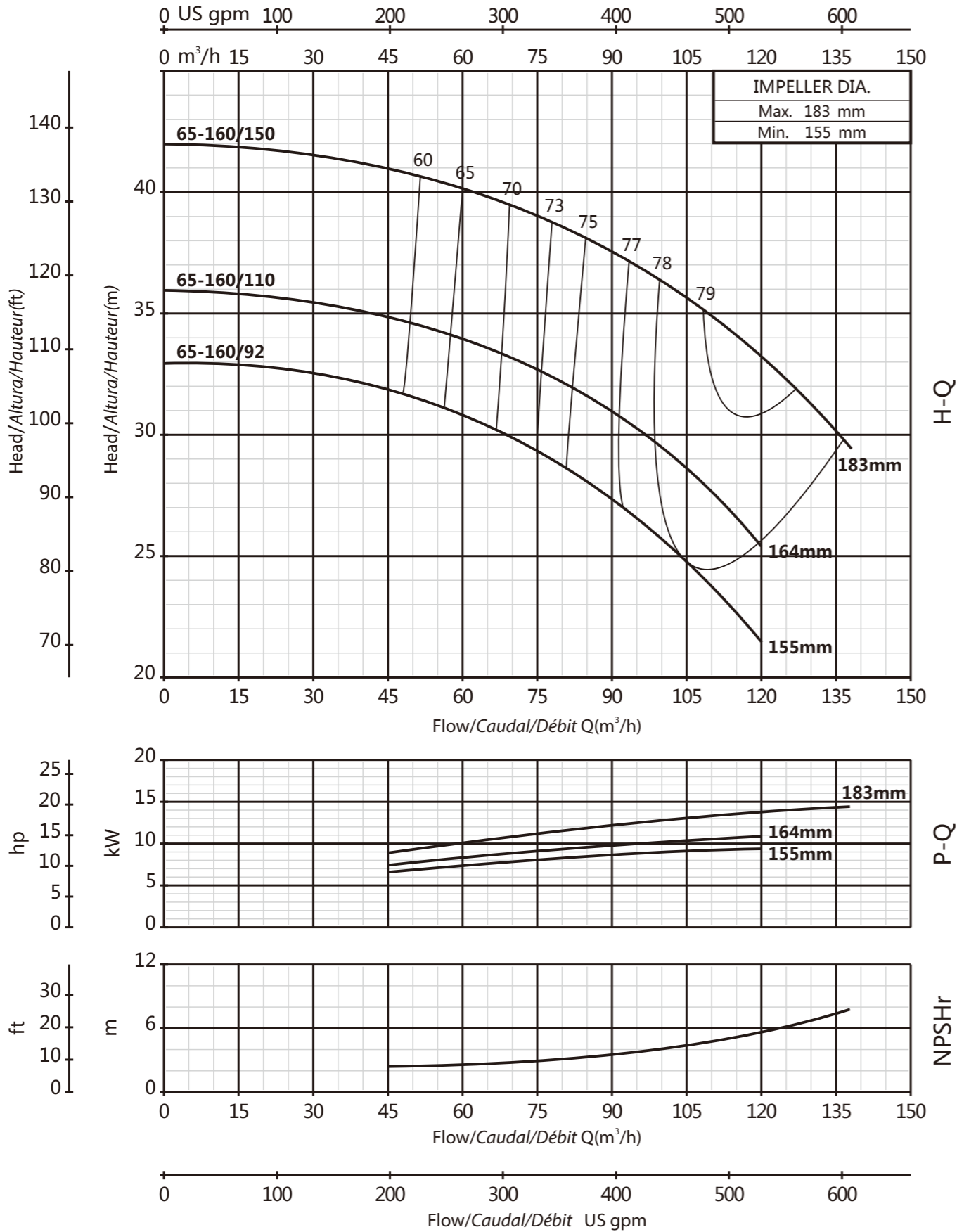
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 65-160

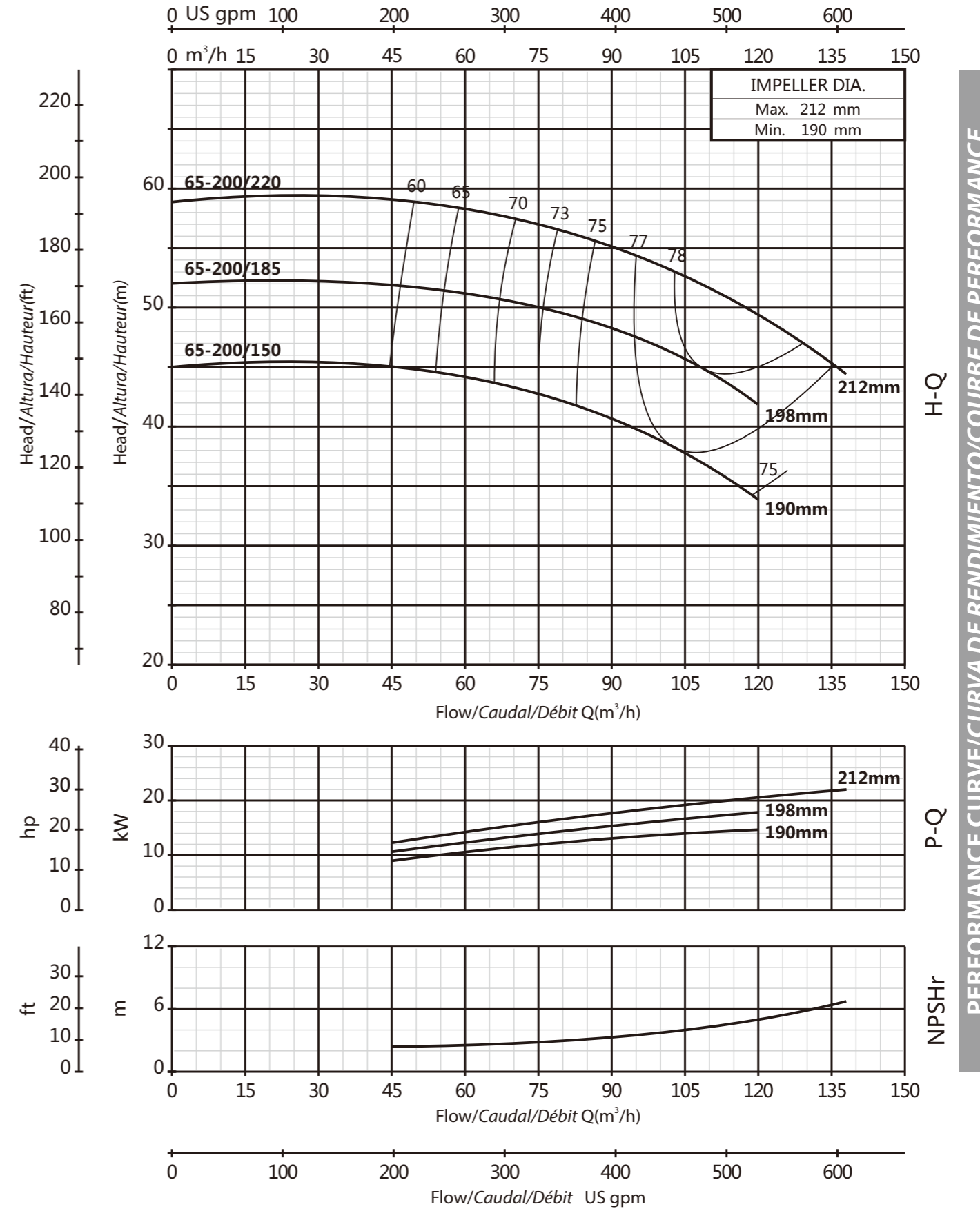
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 65-200

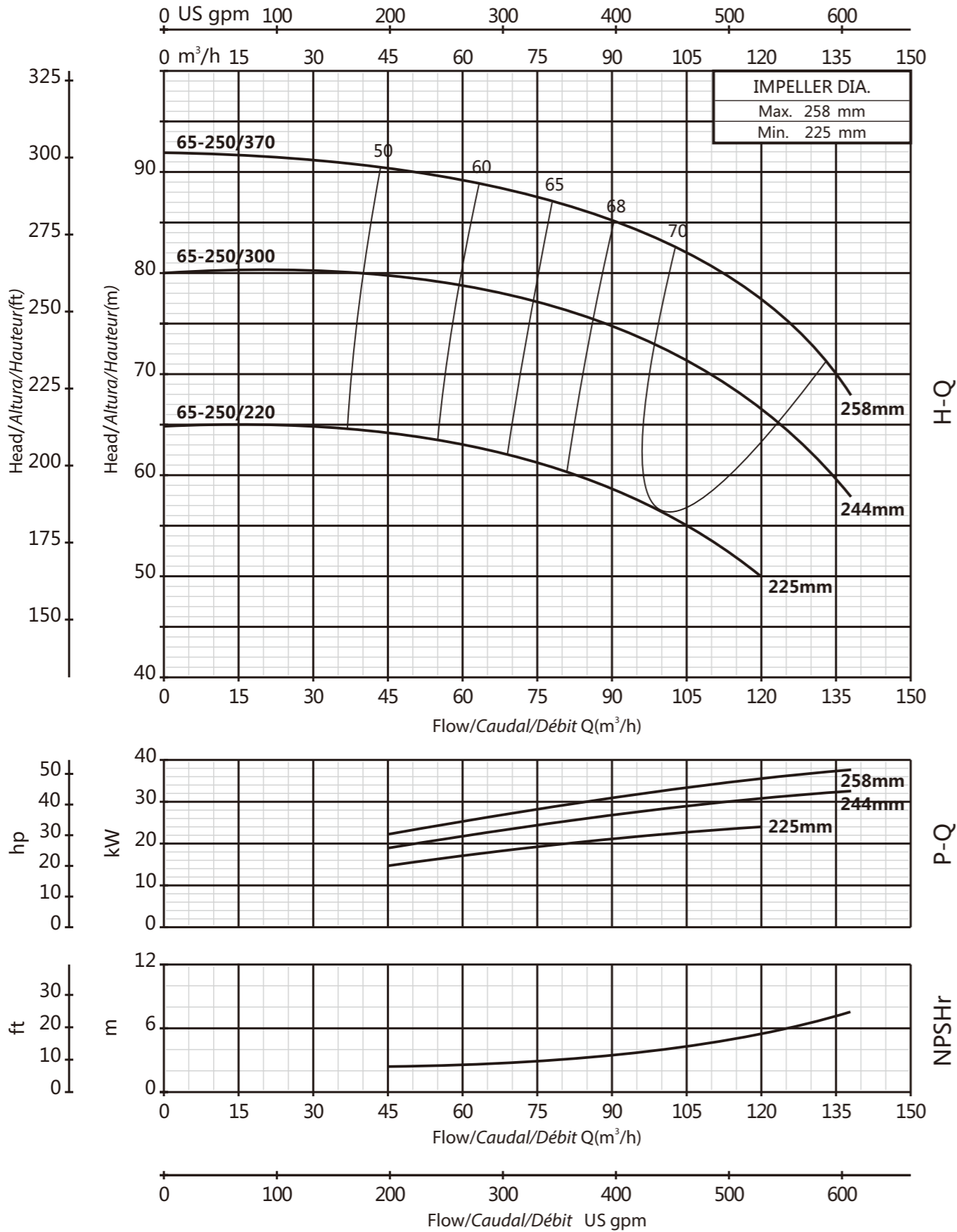
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 65-250

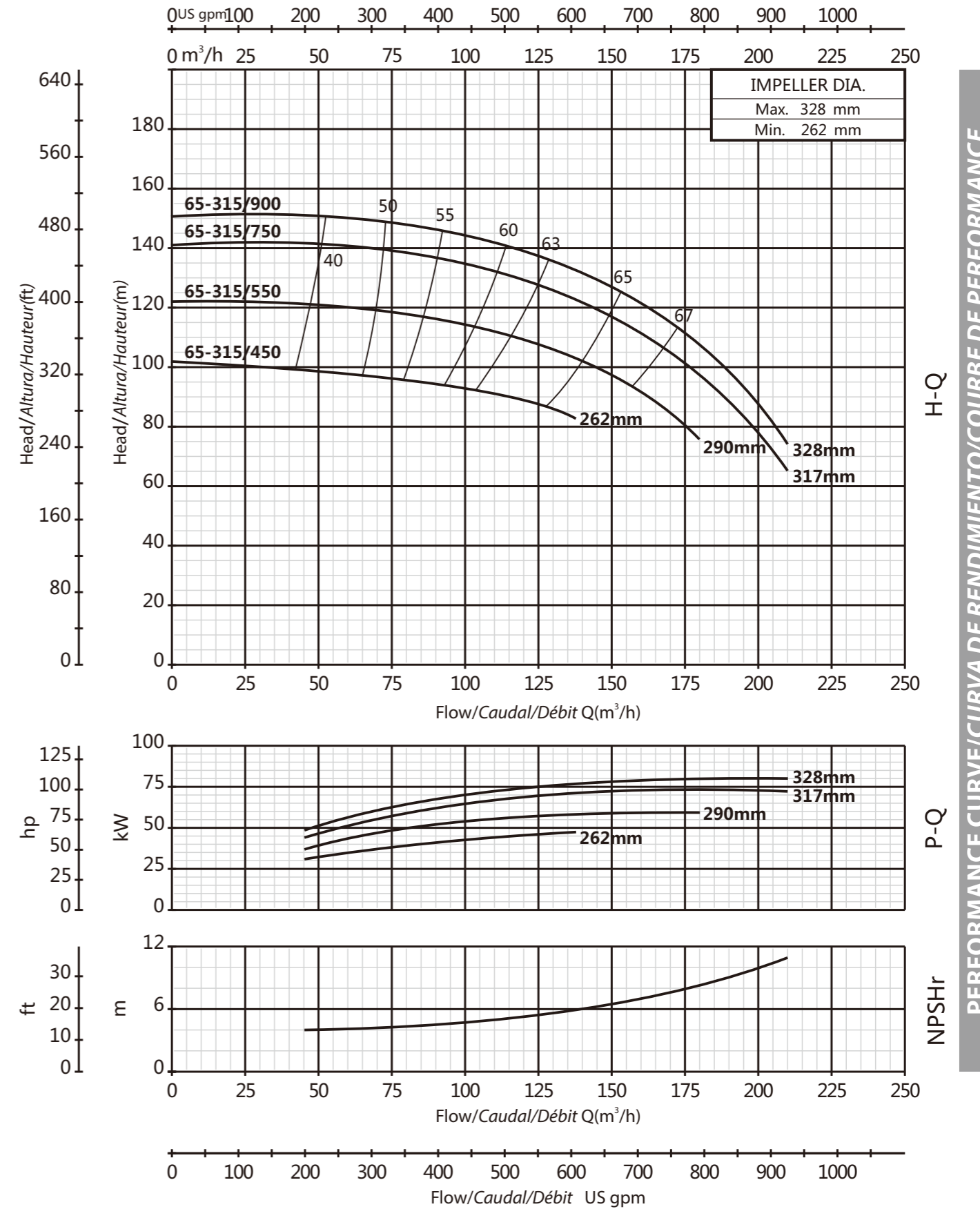
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 65-315

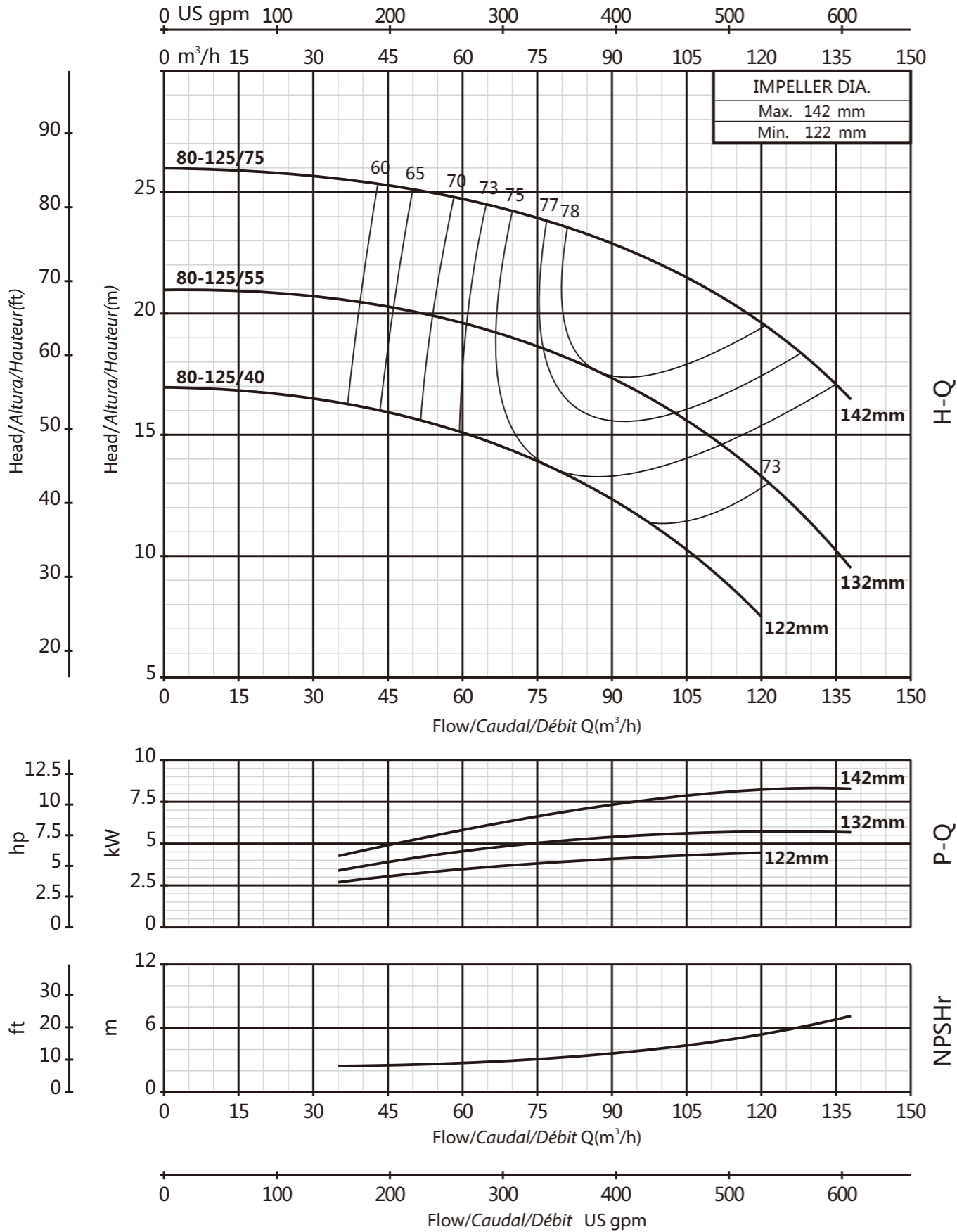
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 80-125

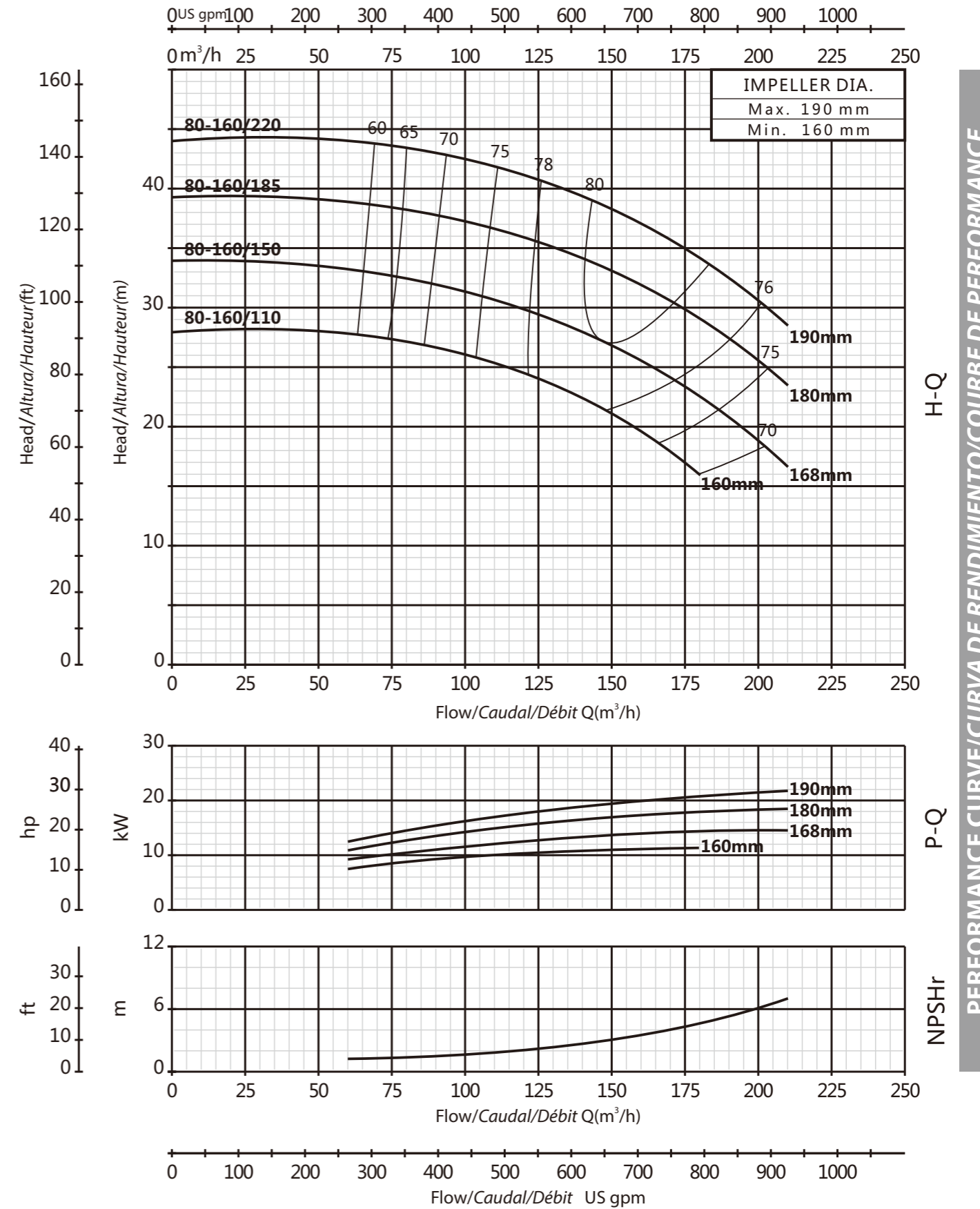
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 80-160

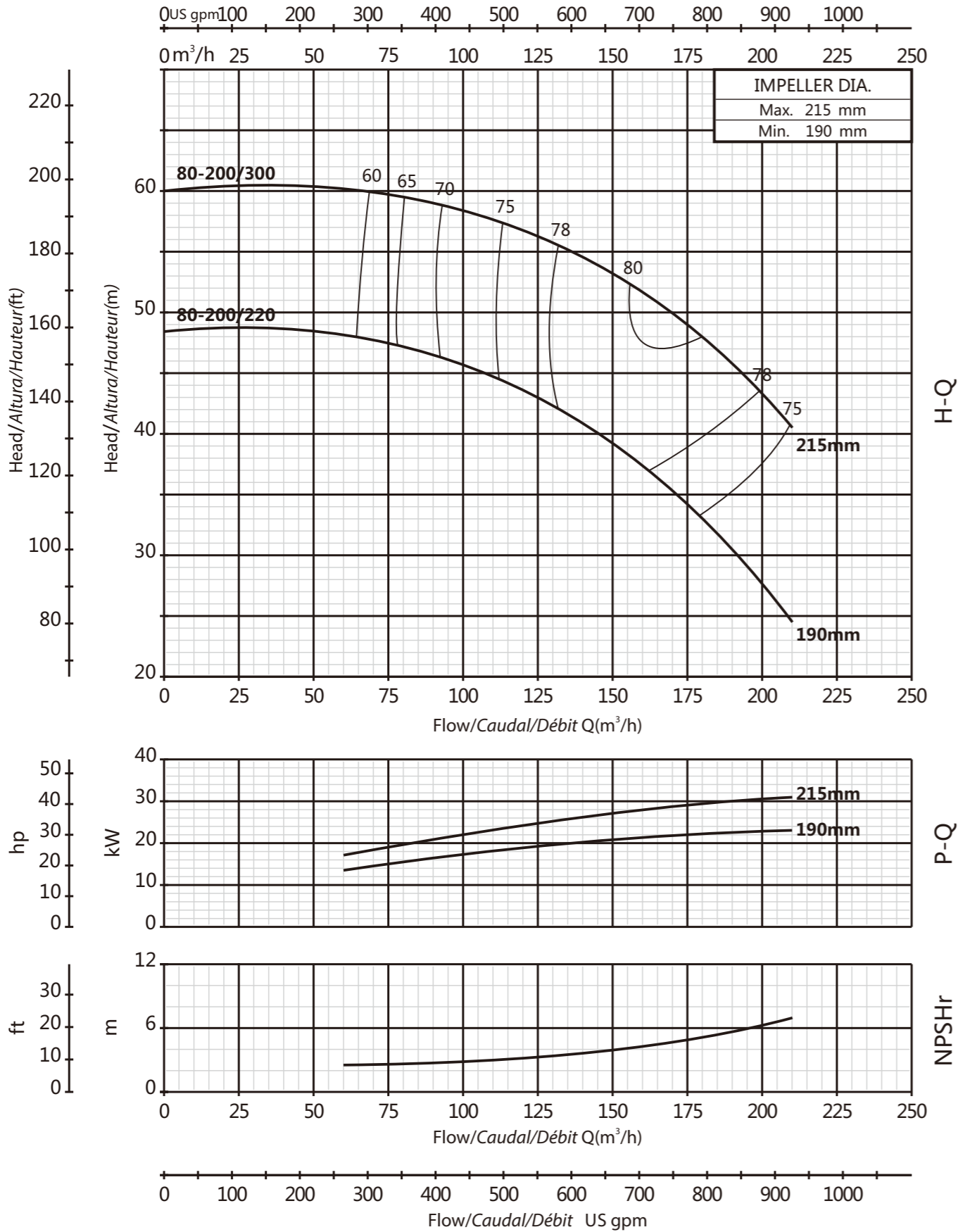
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 80-200

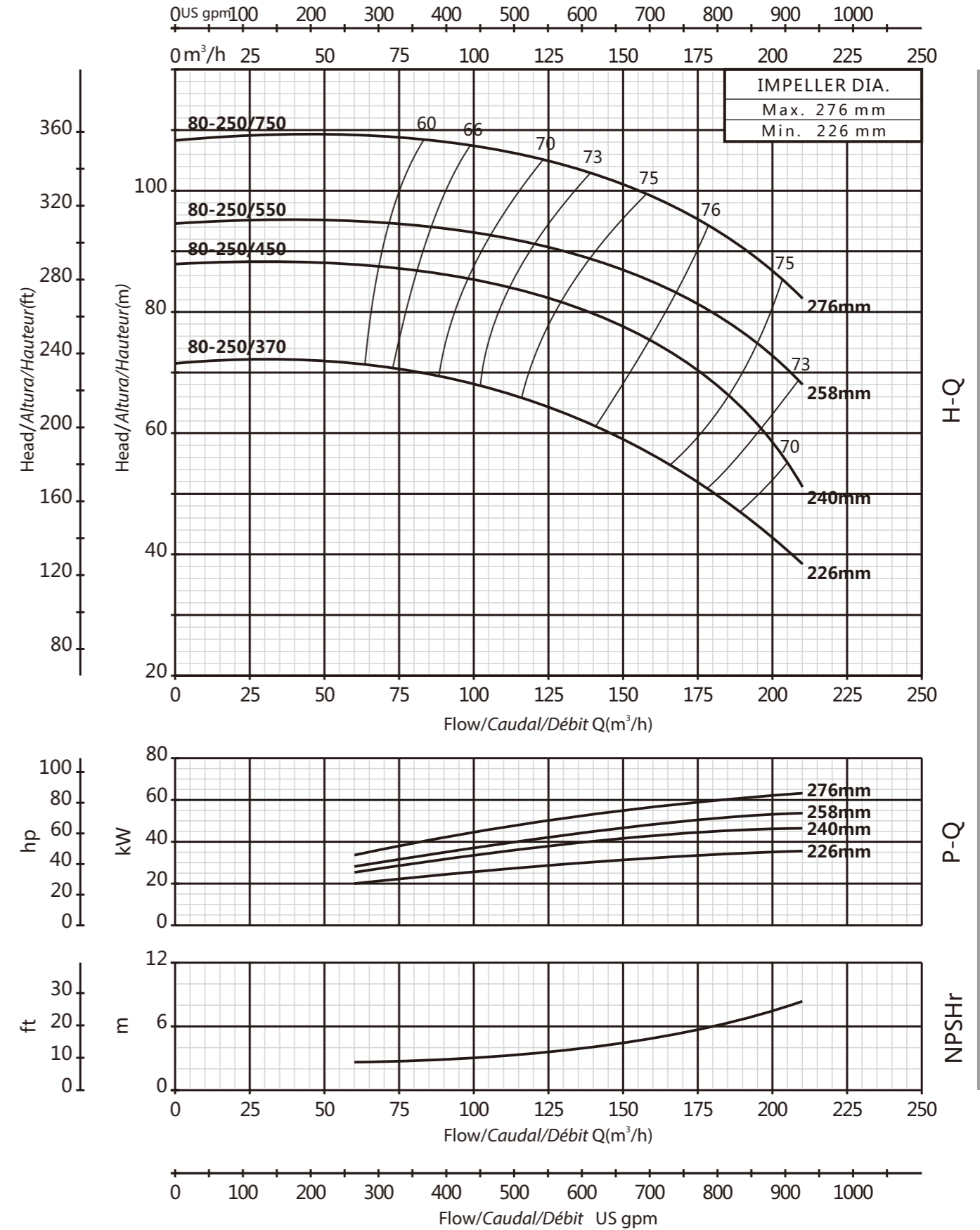
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 80-250

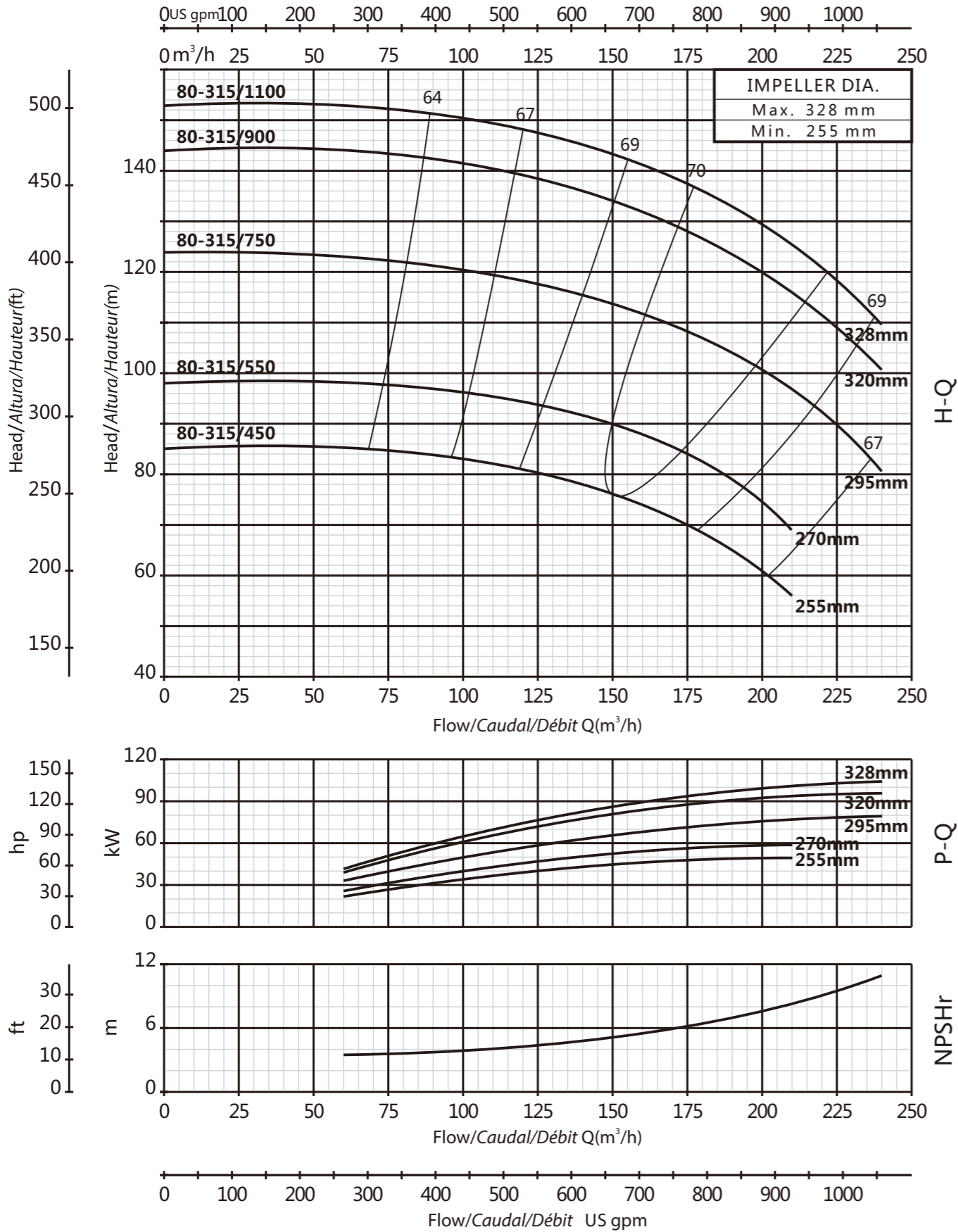
2900rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

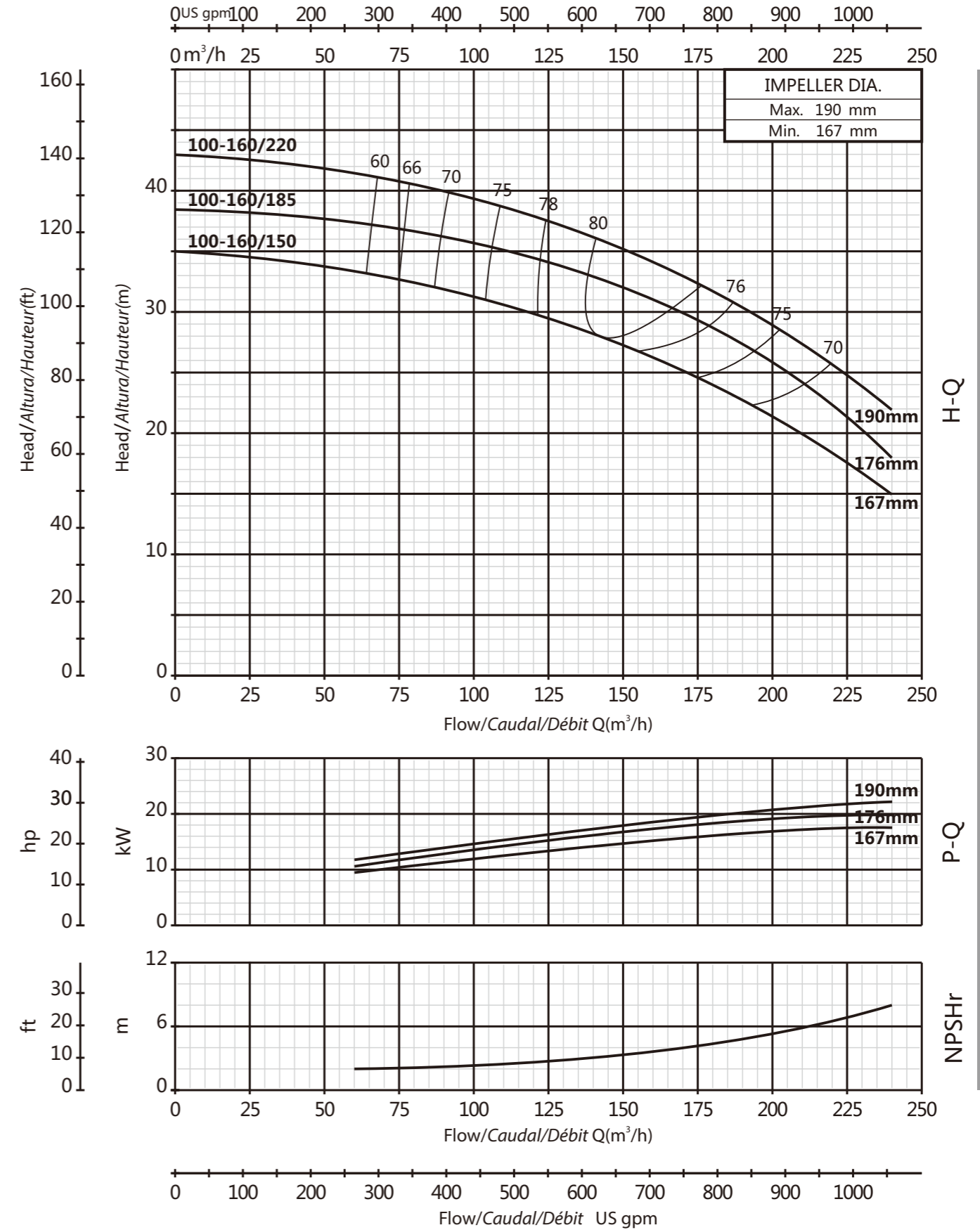
### 80-315

2900rpm



### 100-160

2900rpm

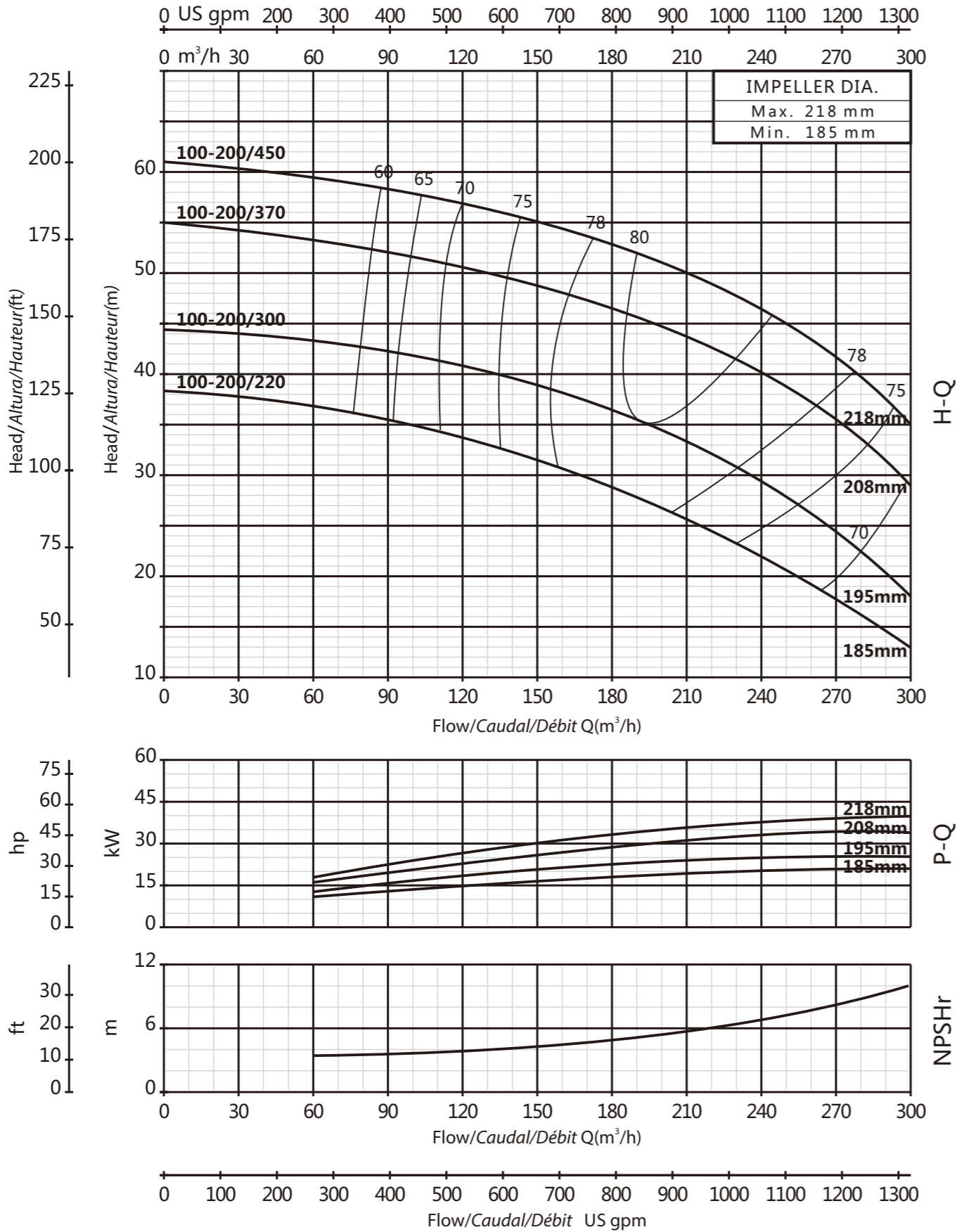


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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

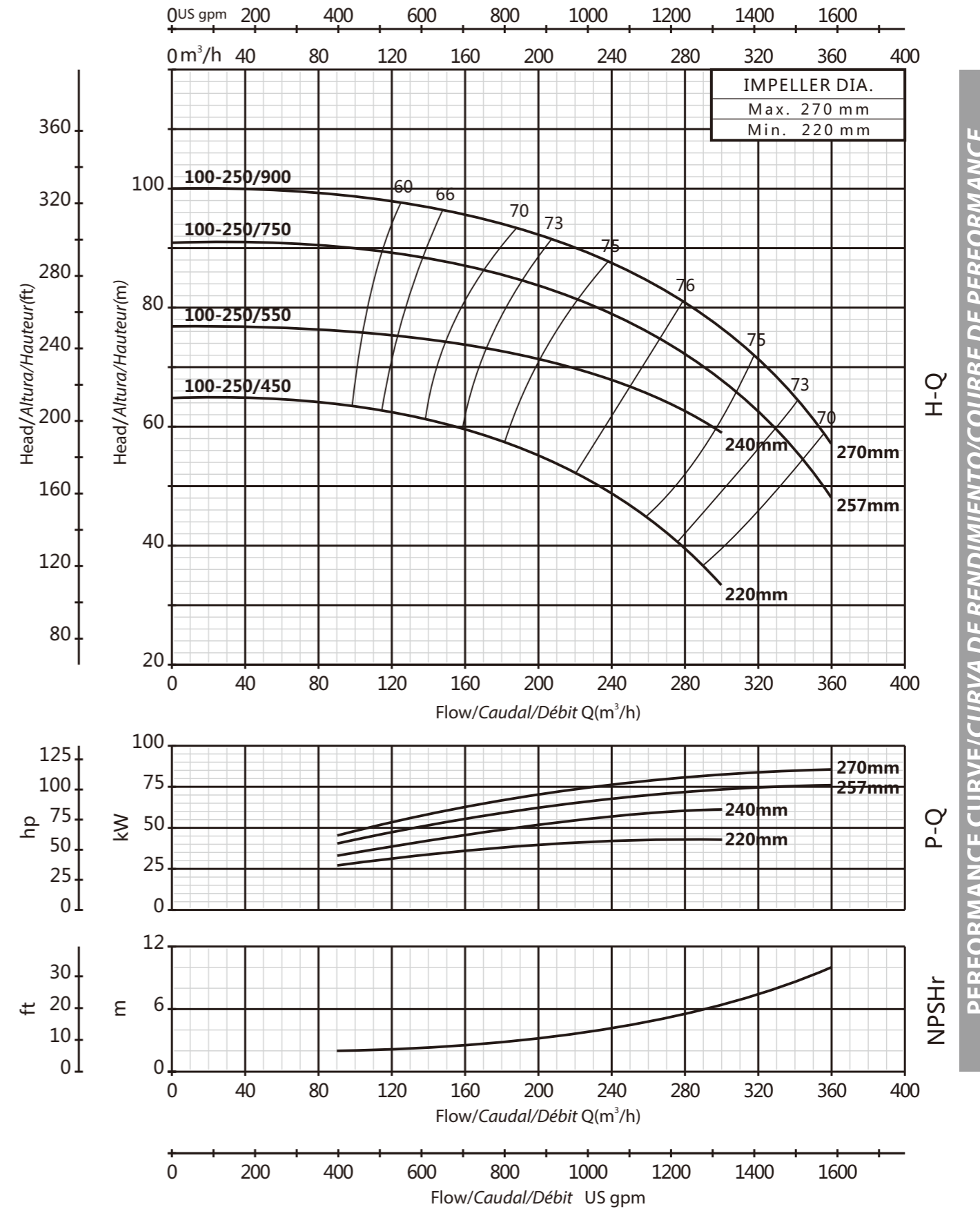
### 100-200

2900rpm



### 100-250

2900rpm



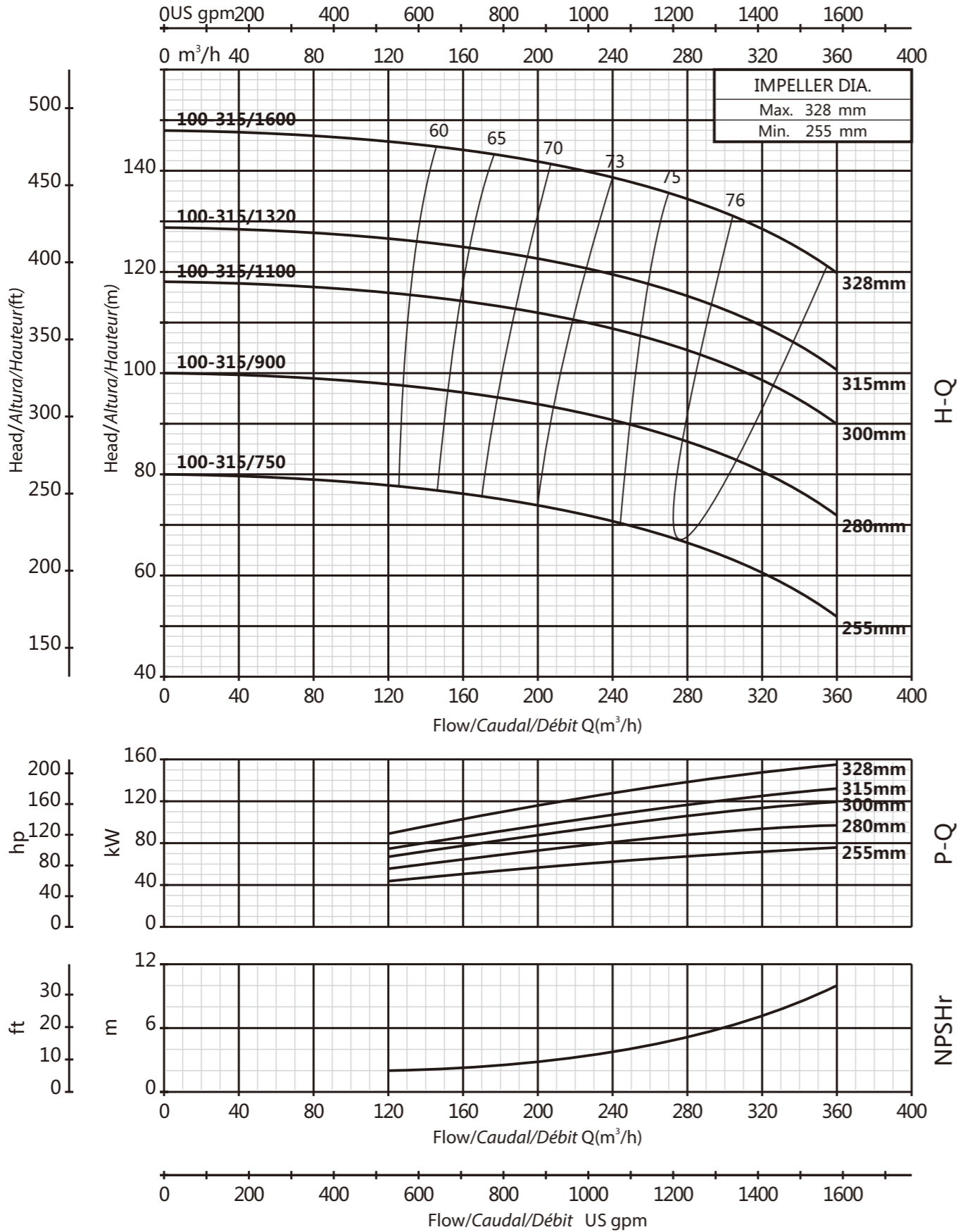
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE



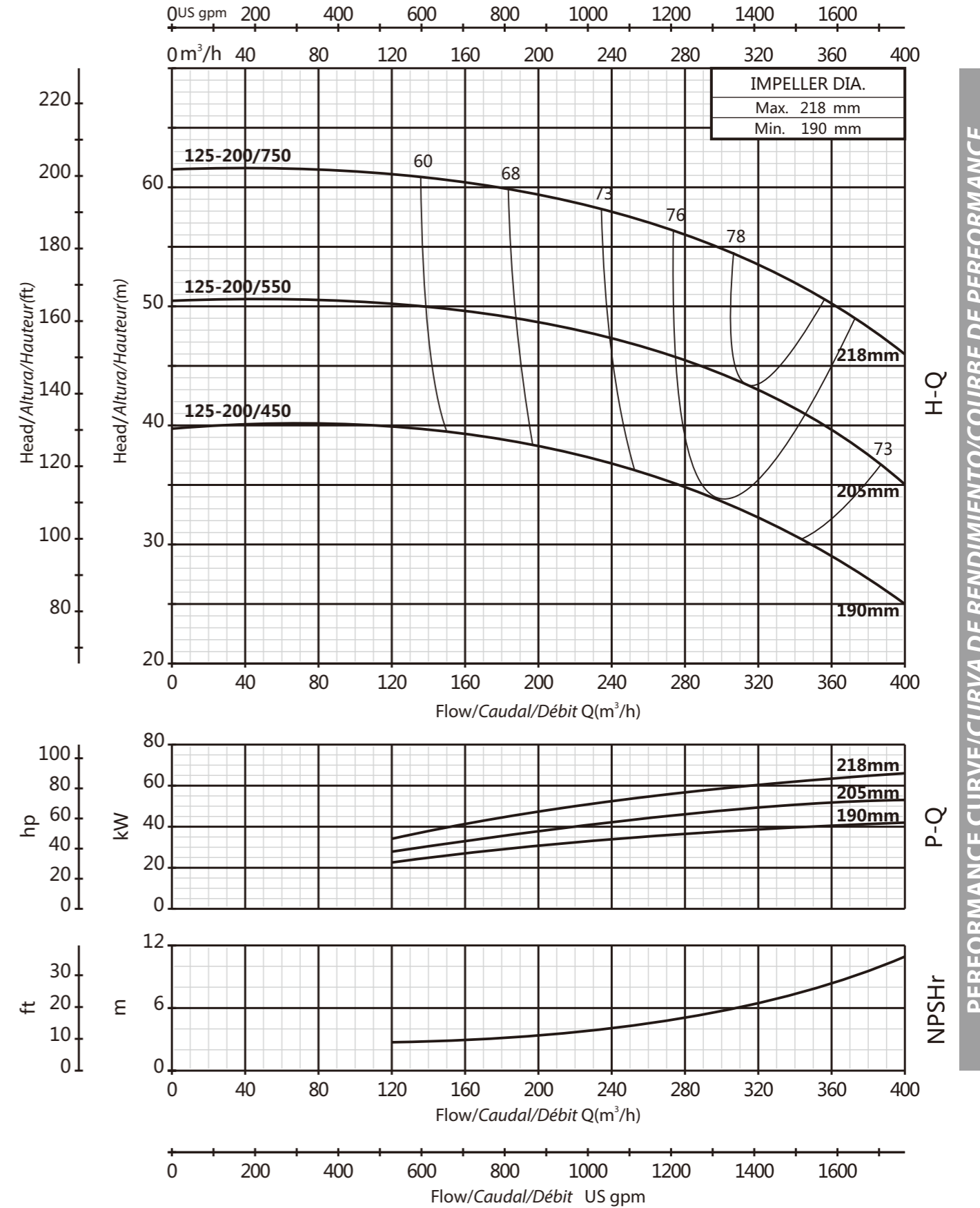
### 100-315

2900rpm



### 125-200

2900rpm

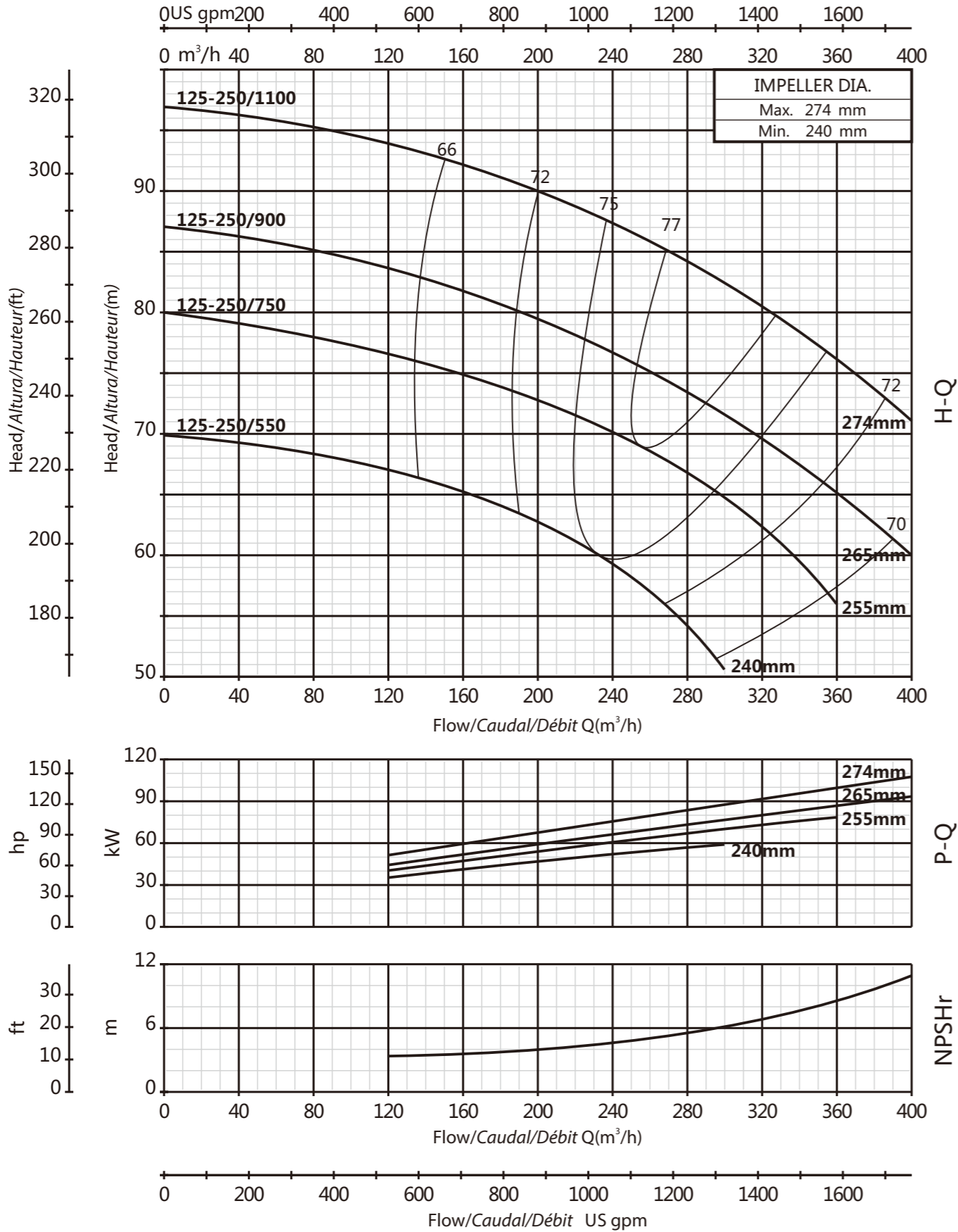


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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 125-250

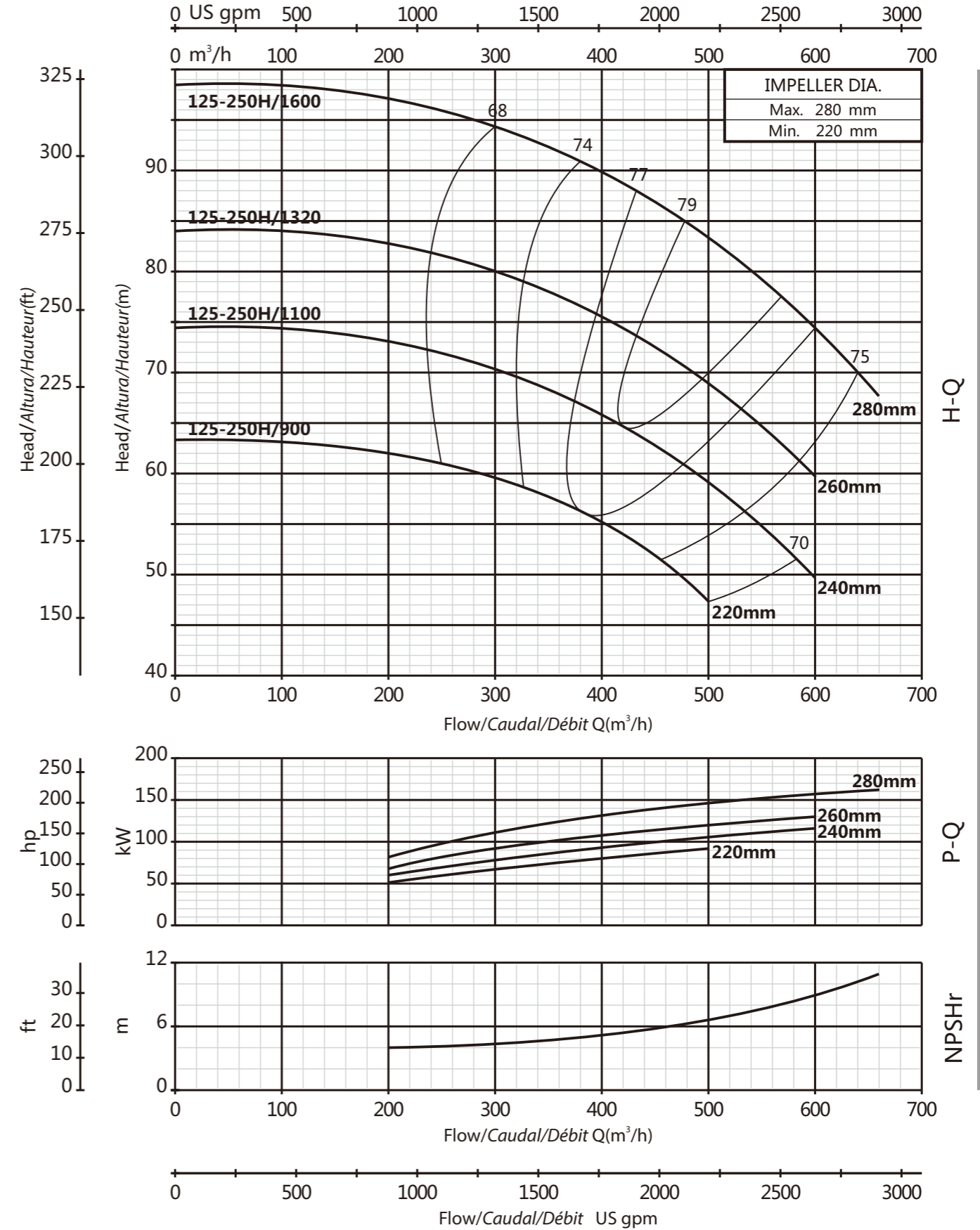
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 125-250H

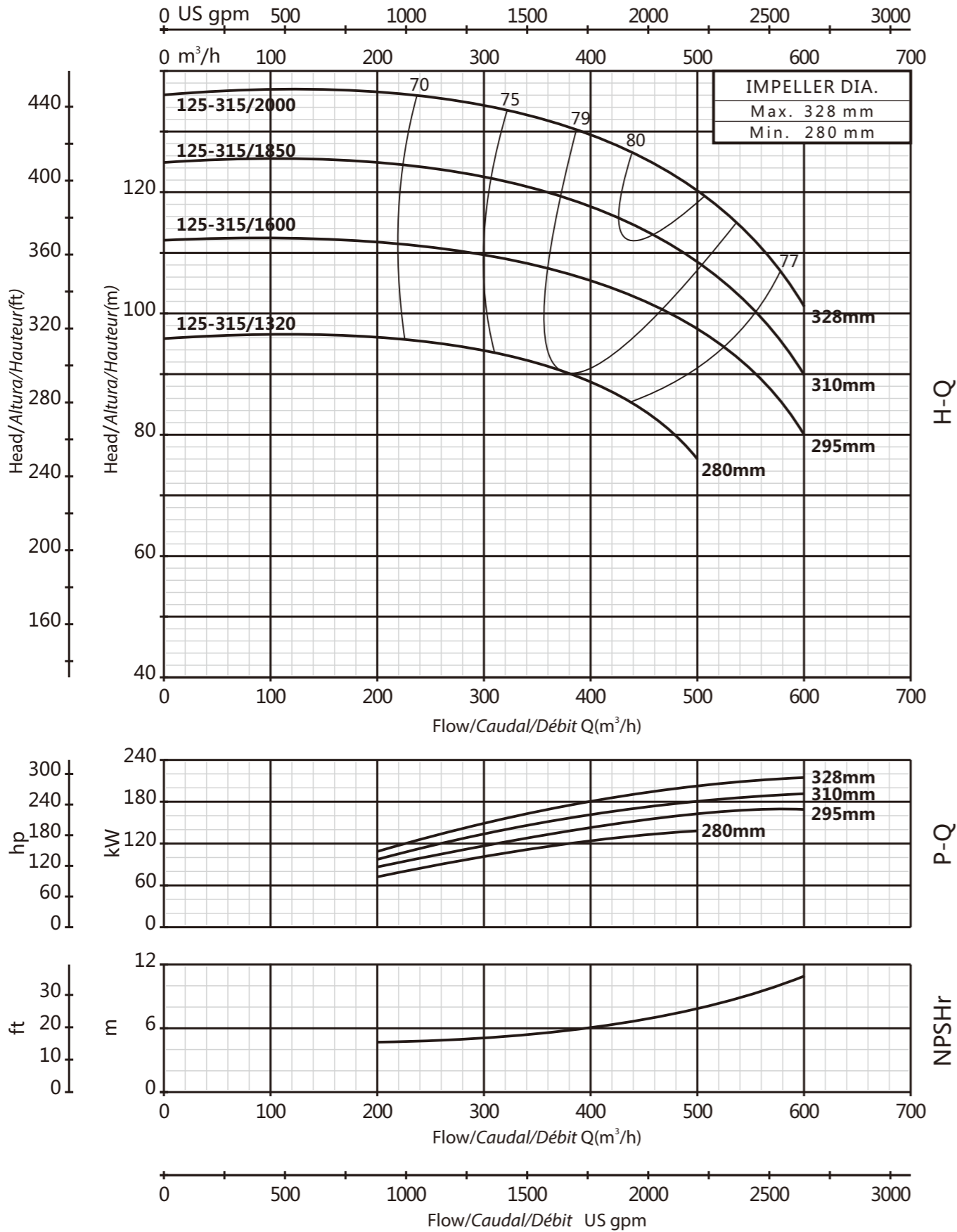
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 125-315

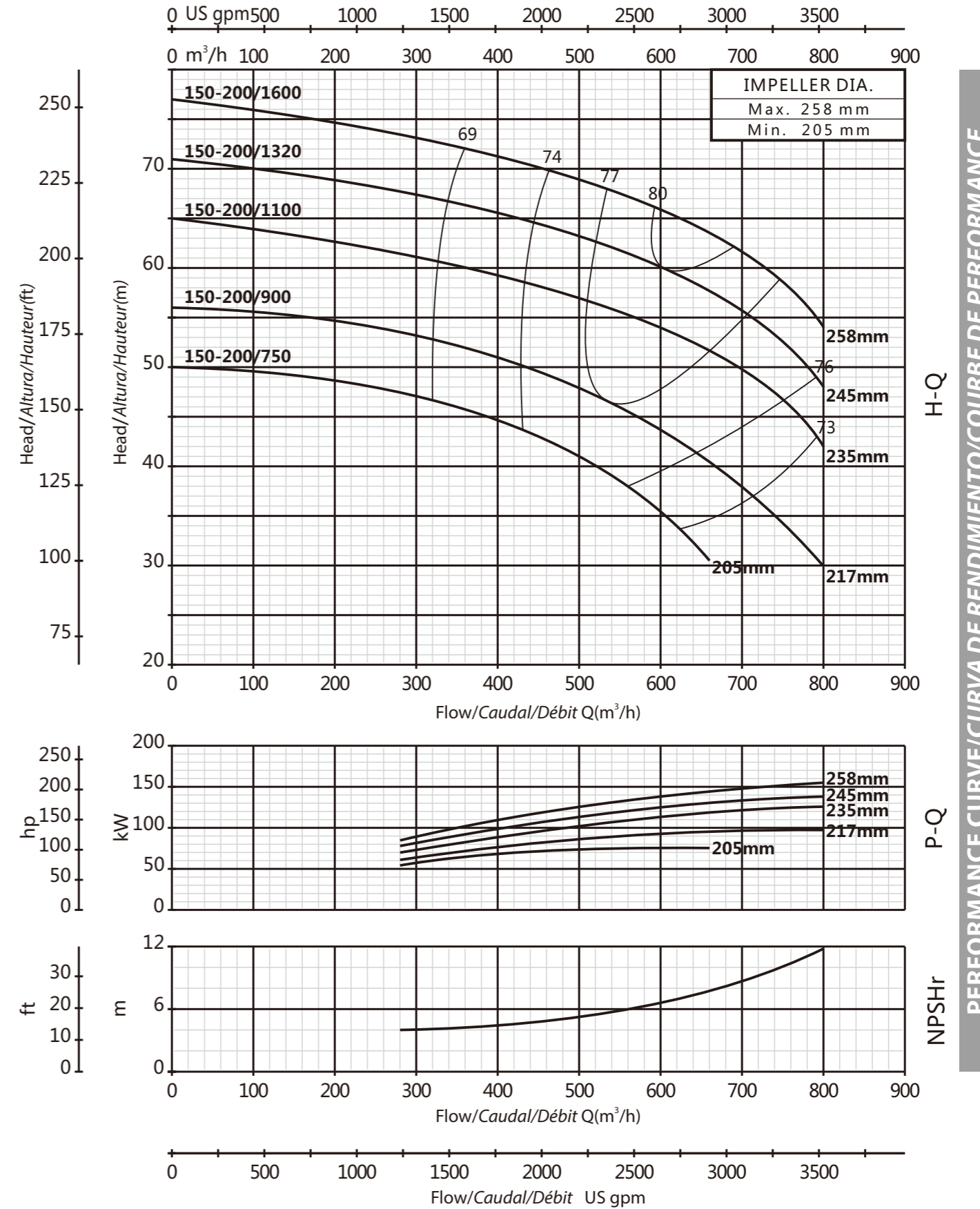
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 150-200

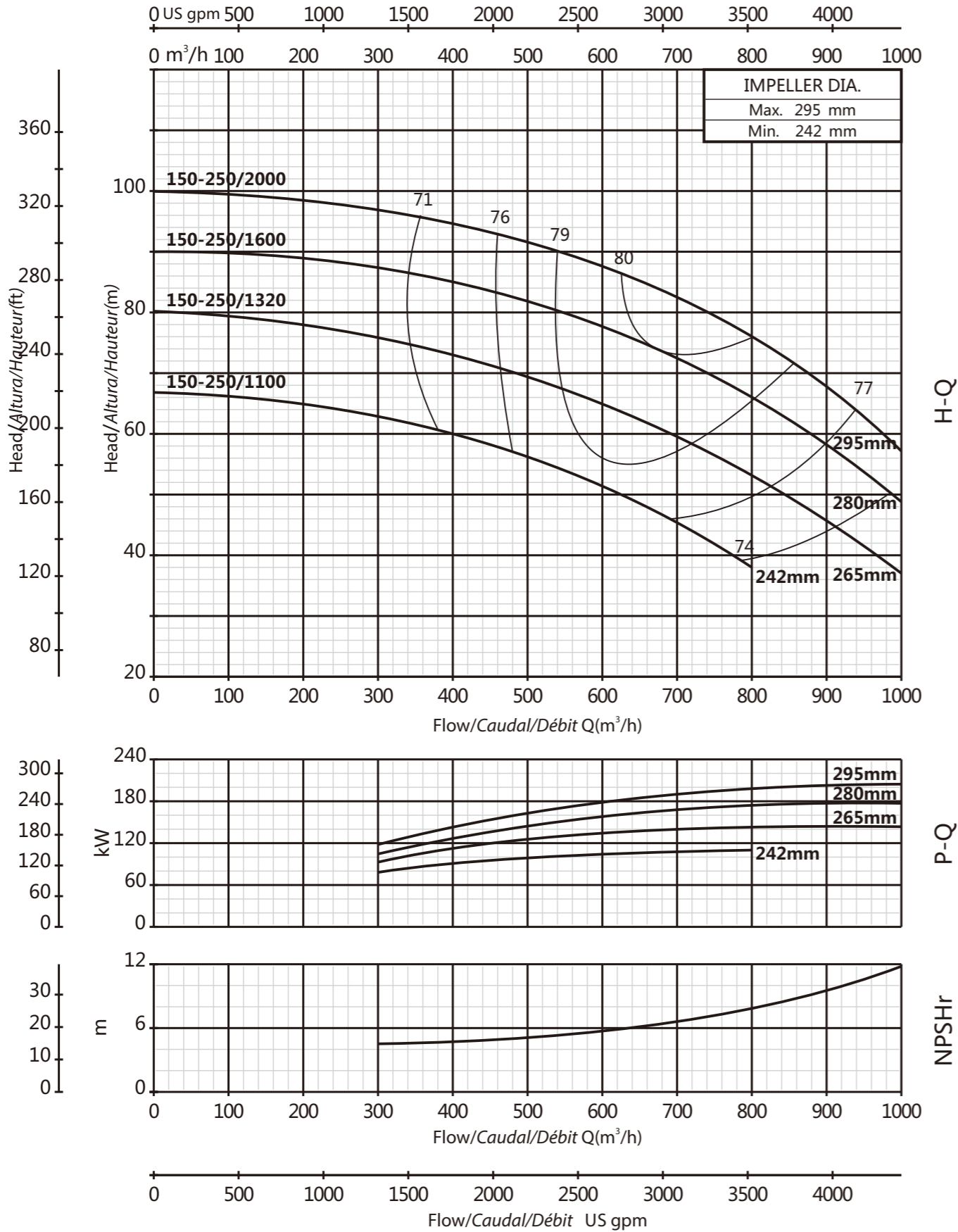
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 150-250

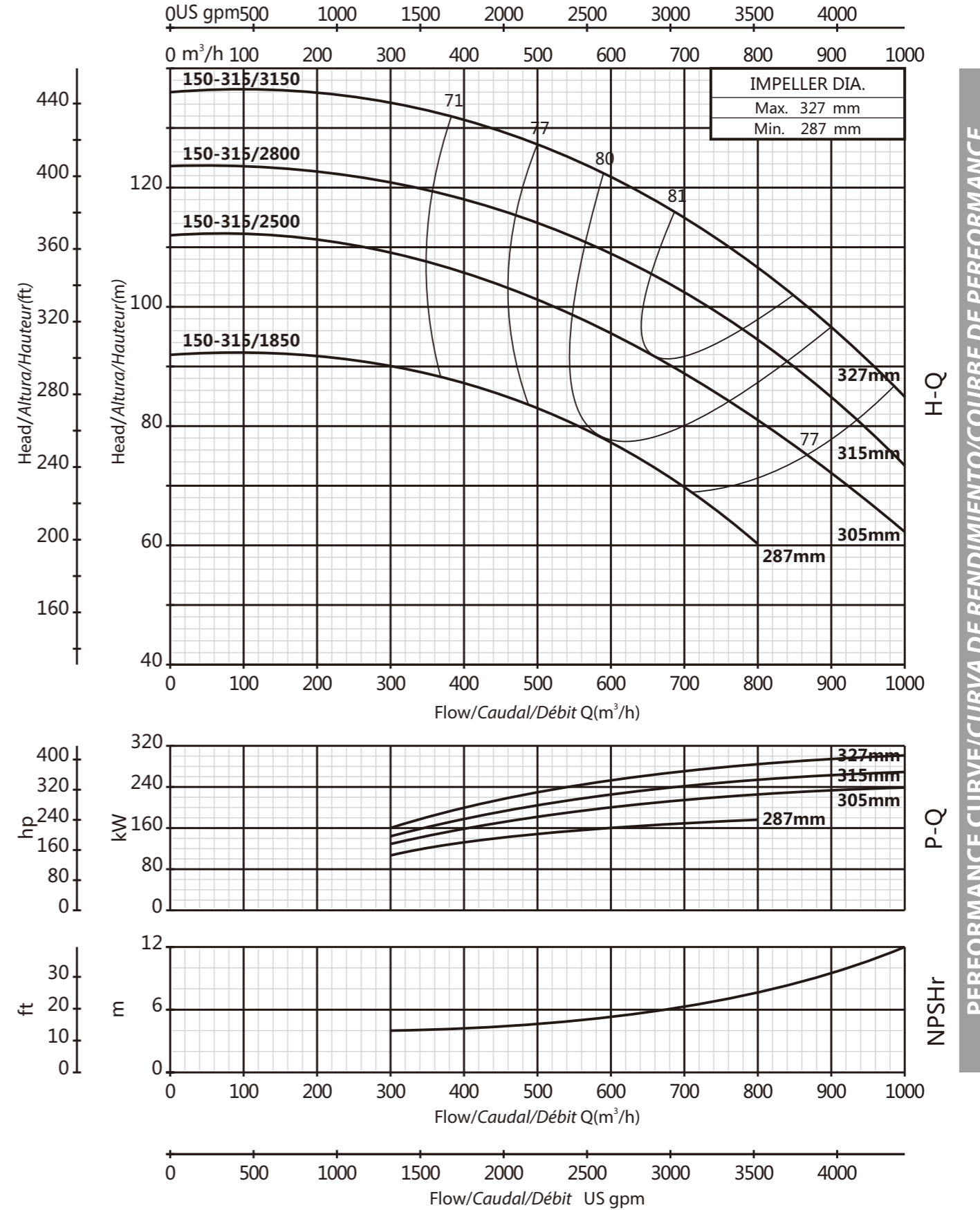
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 150-315

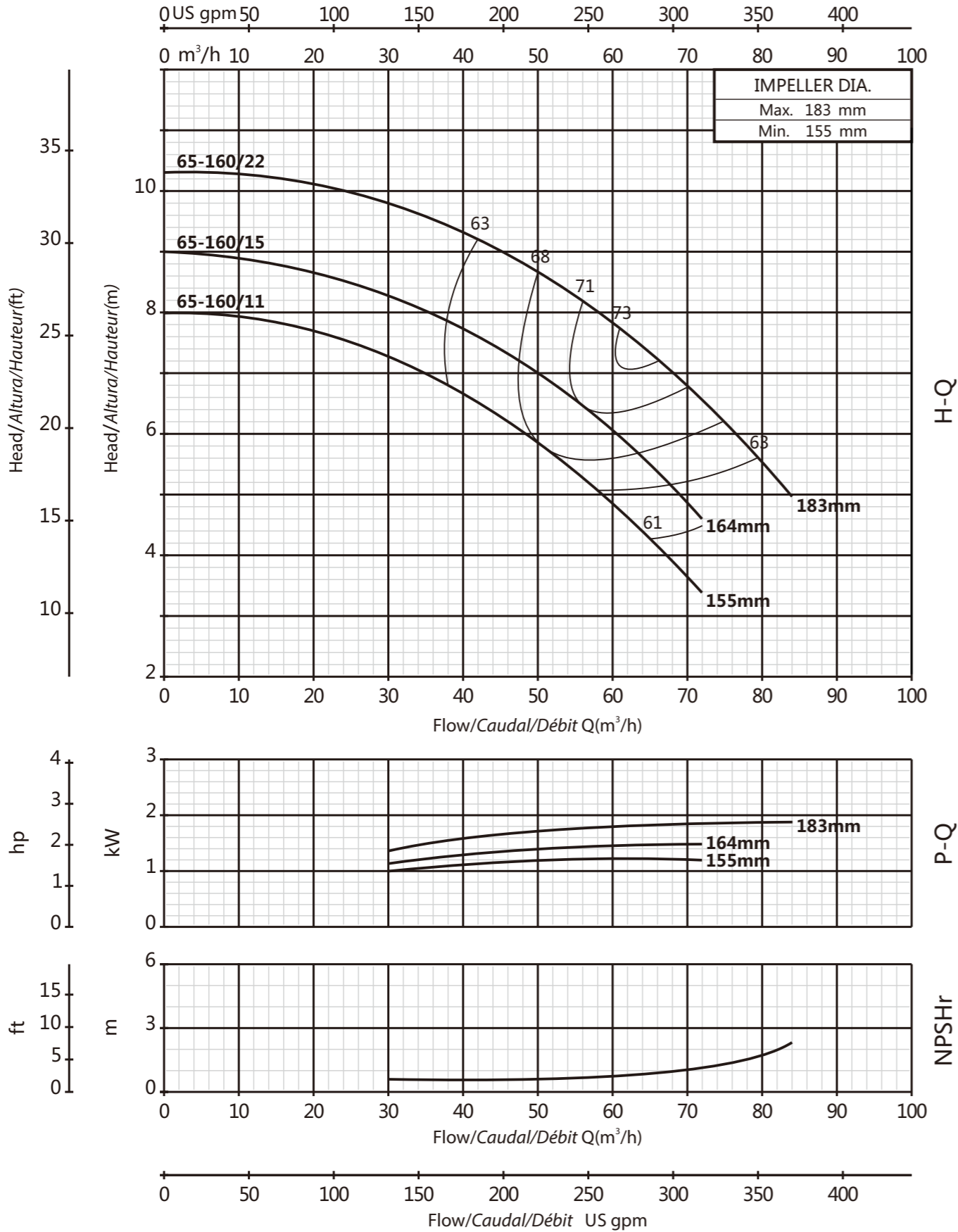
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 65-160

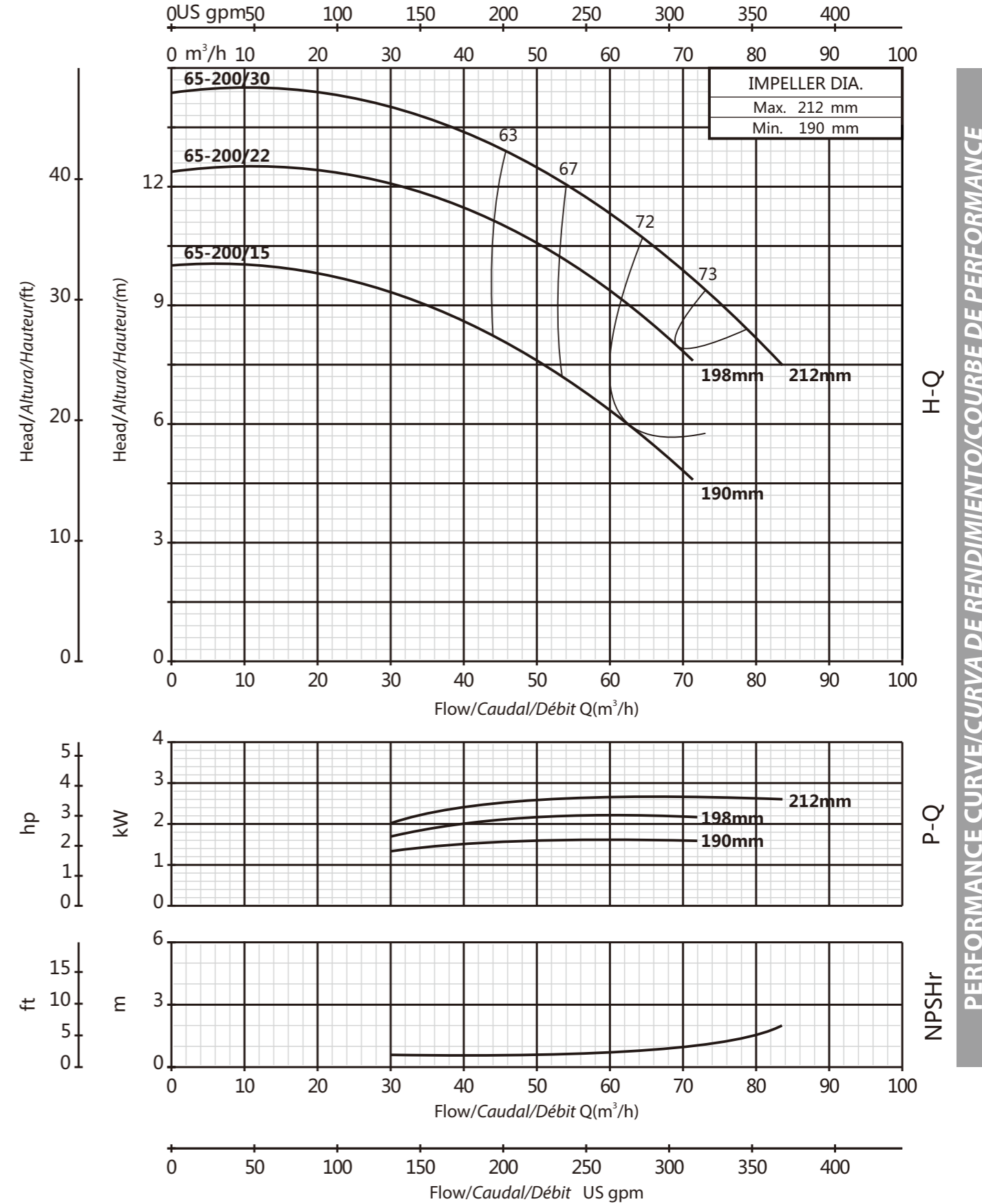
1450rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 65-200

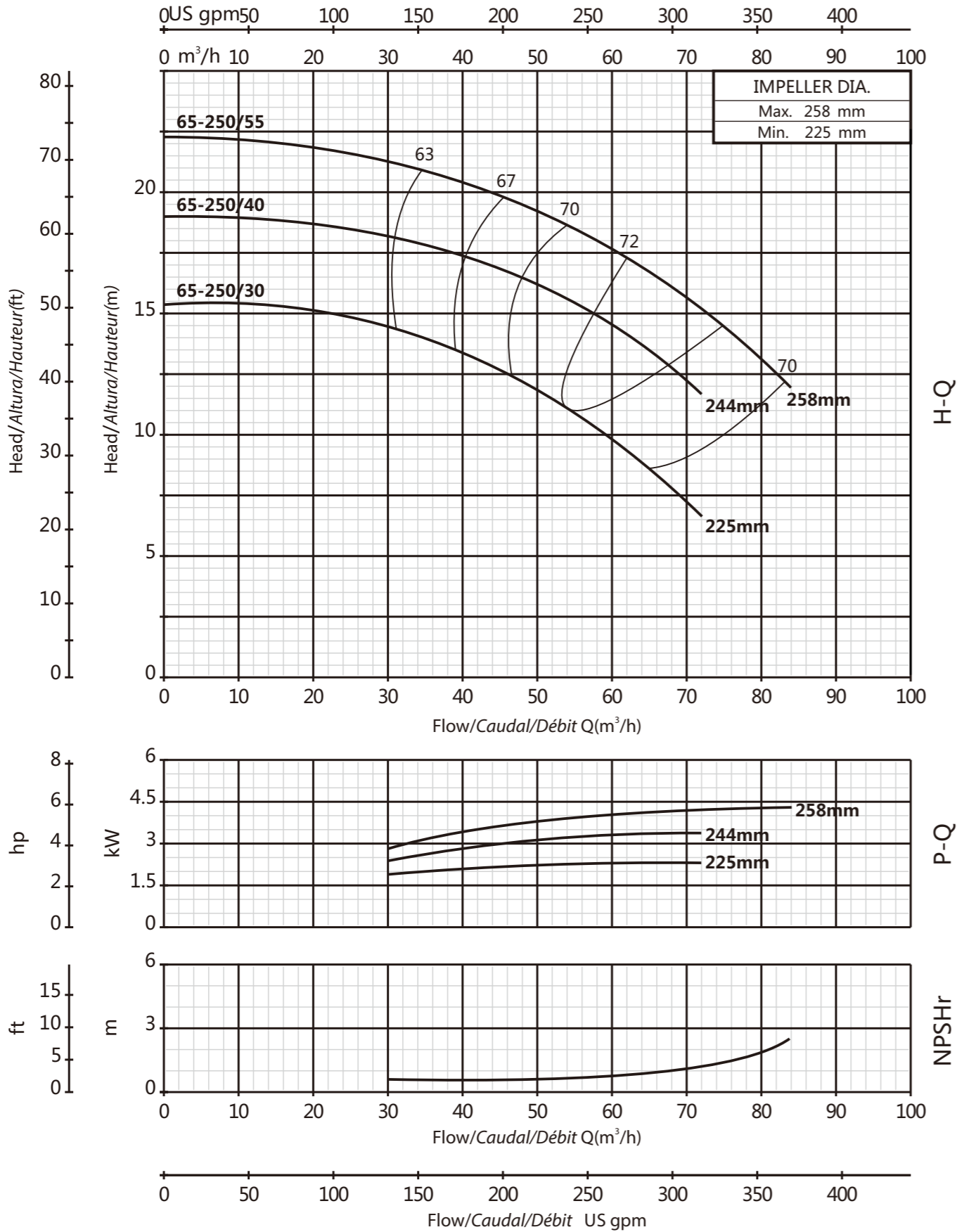
1450rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

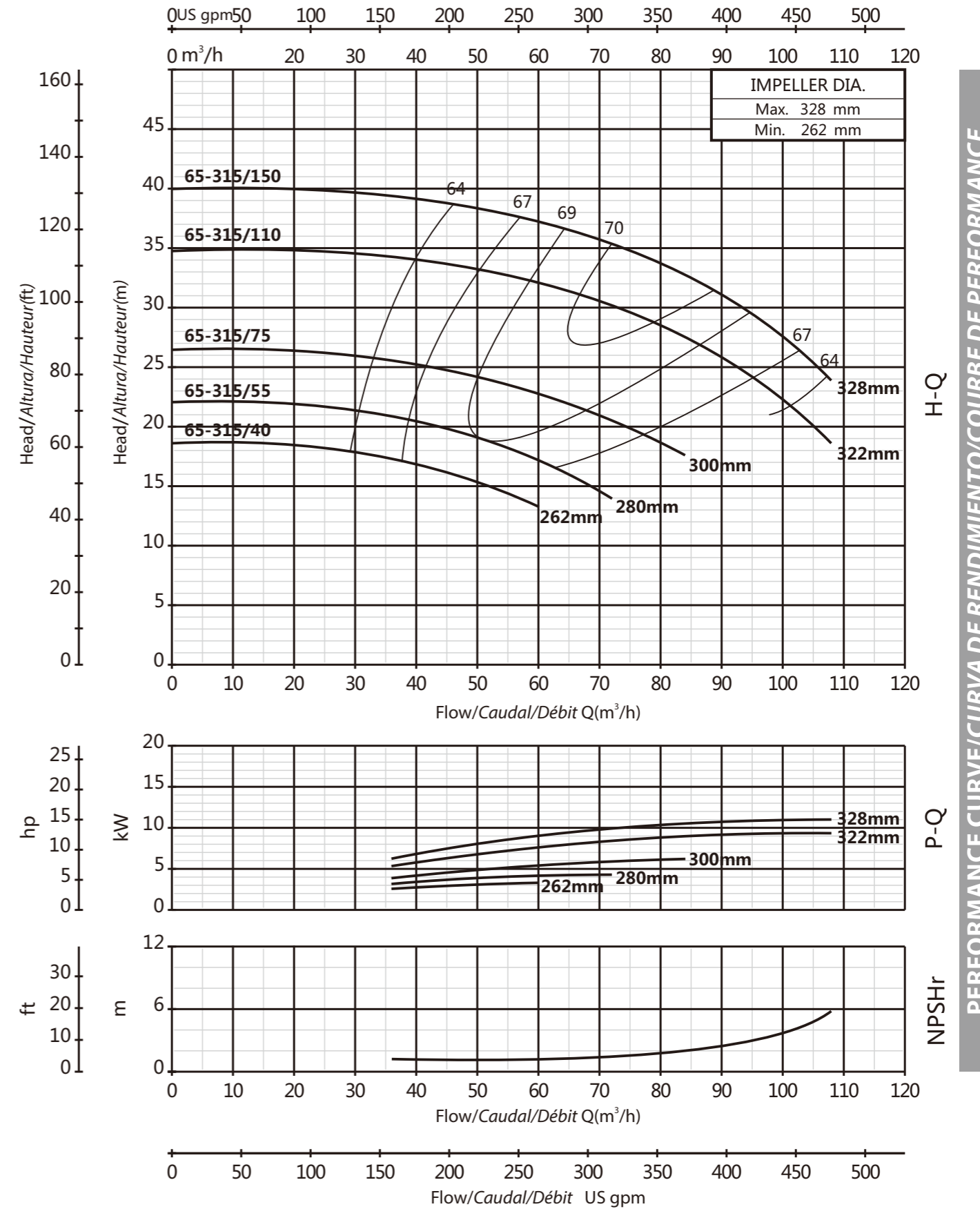
### 65-250

1450rpm



### 65-315

1450rpm

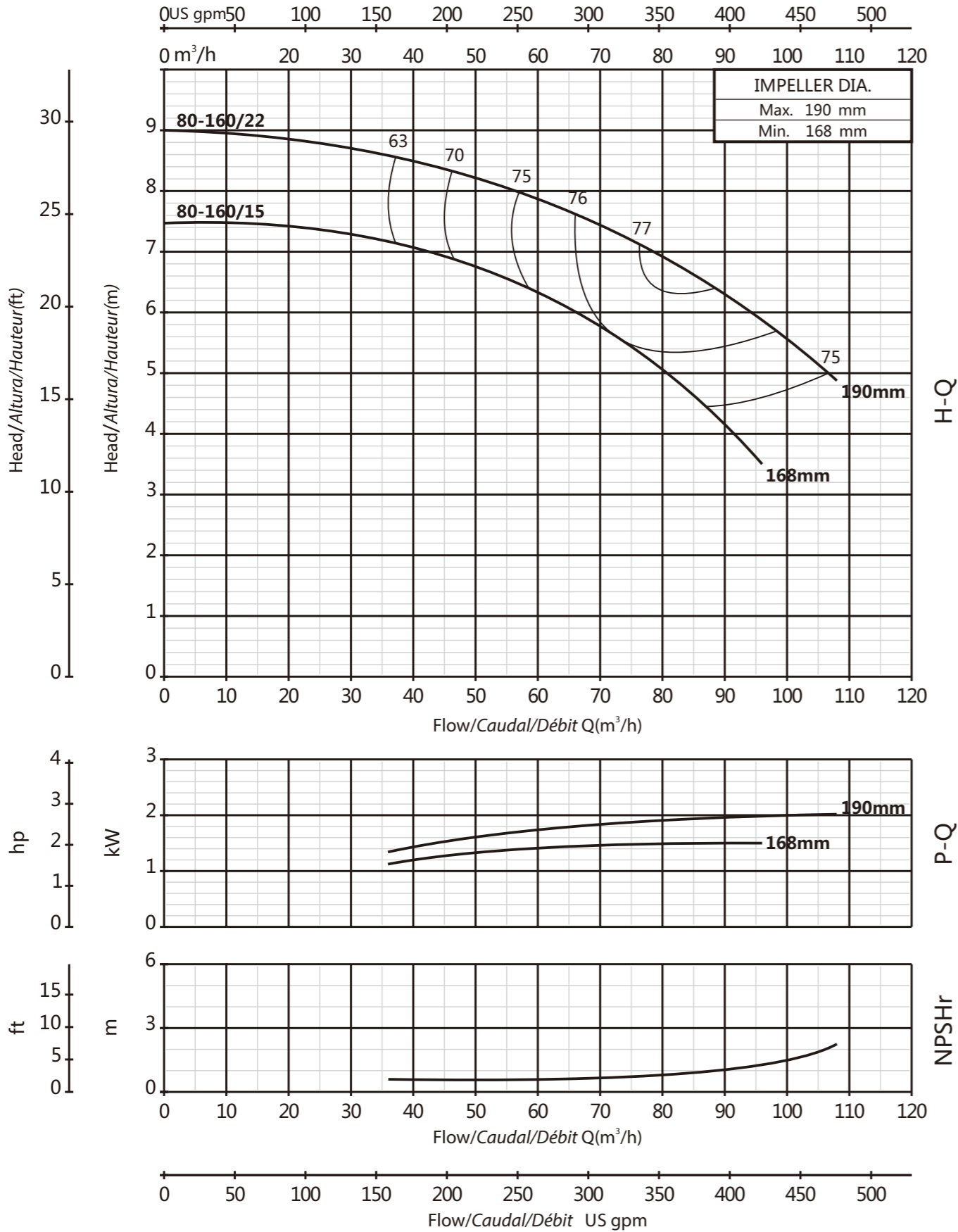


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 80-160

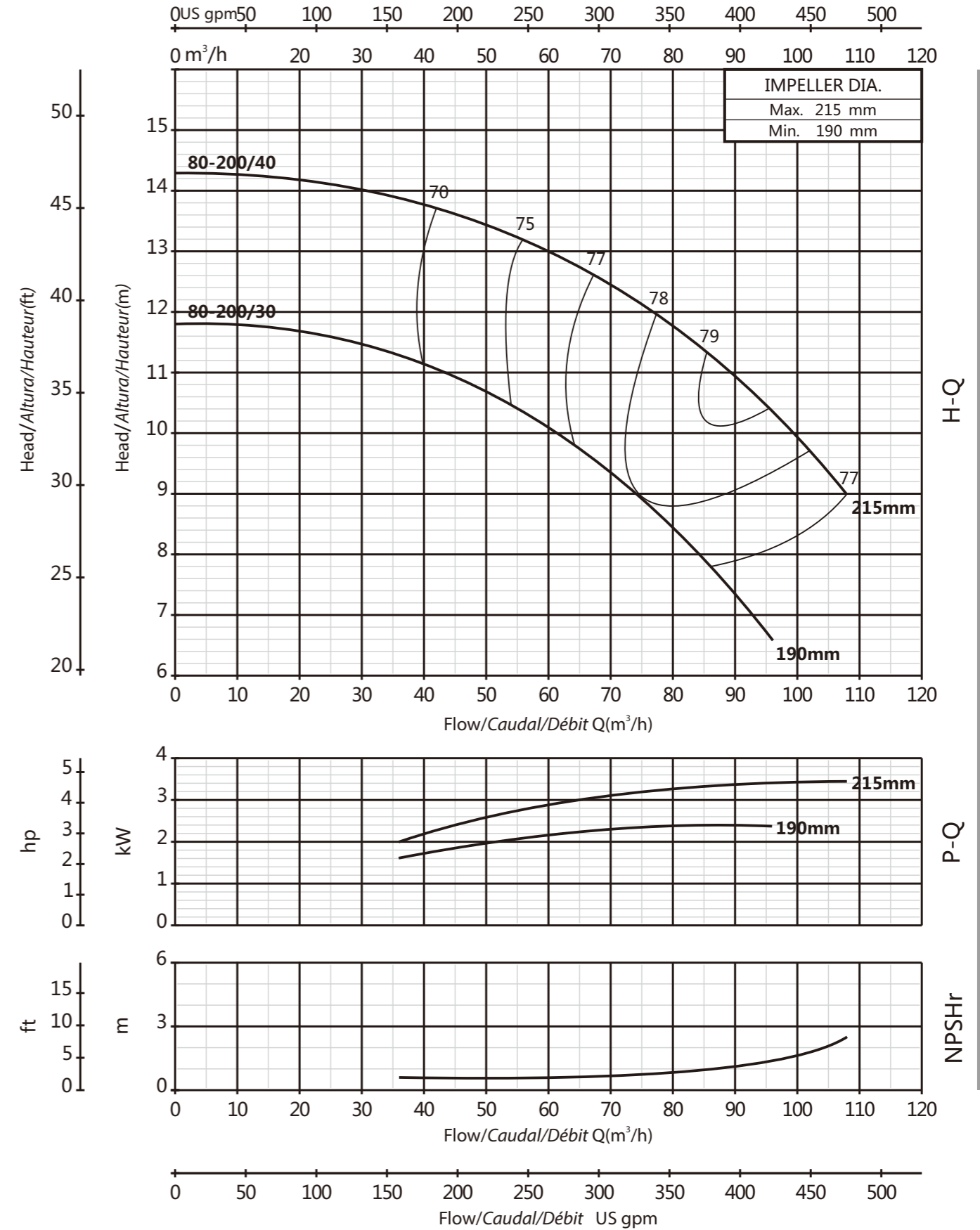
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 80-200

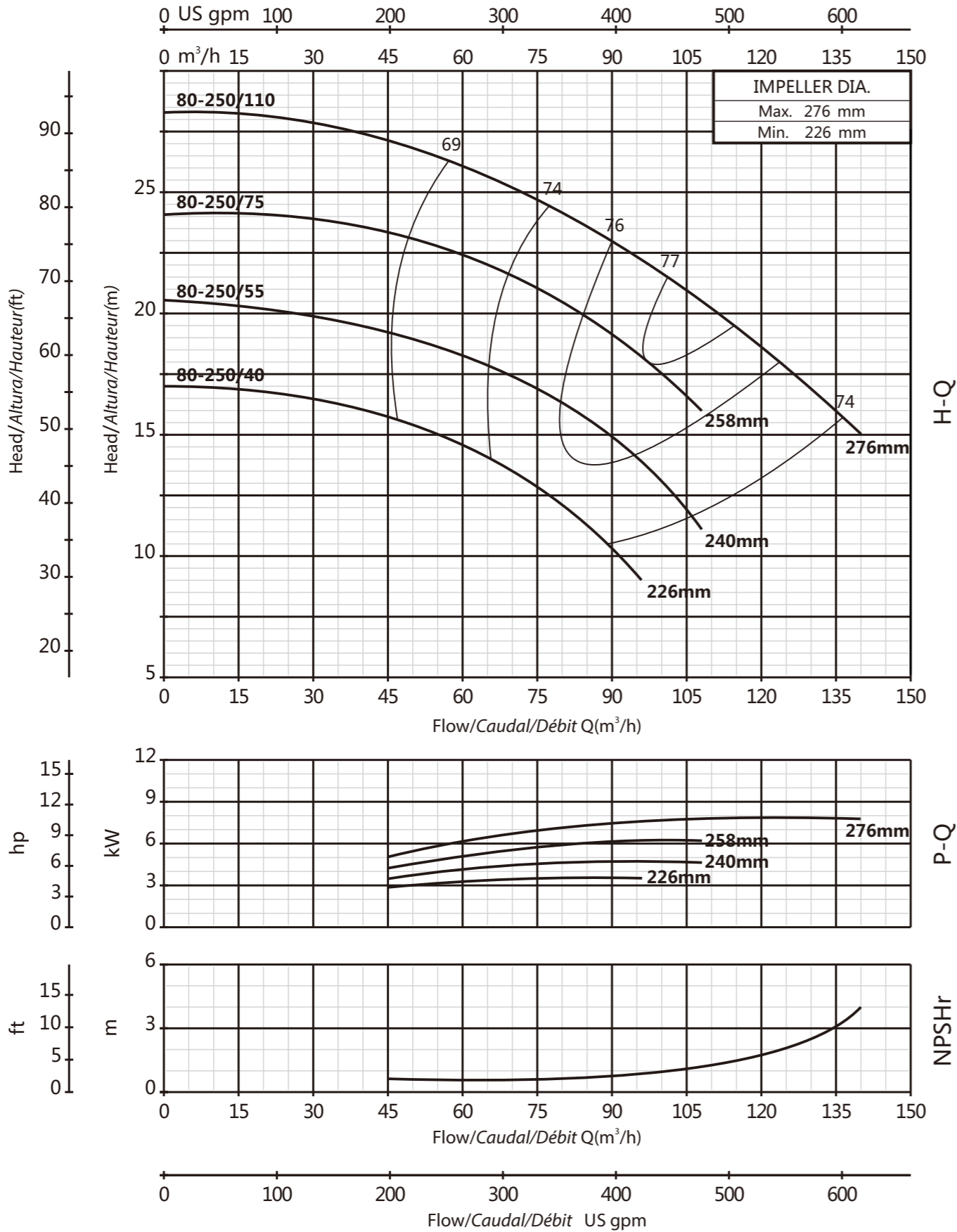
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 80-250

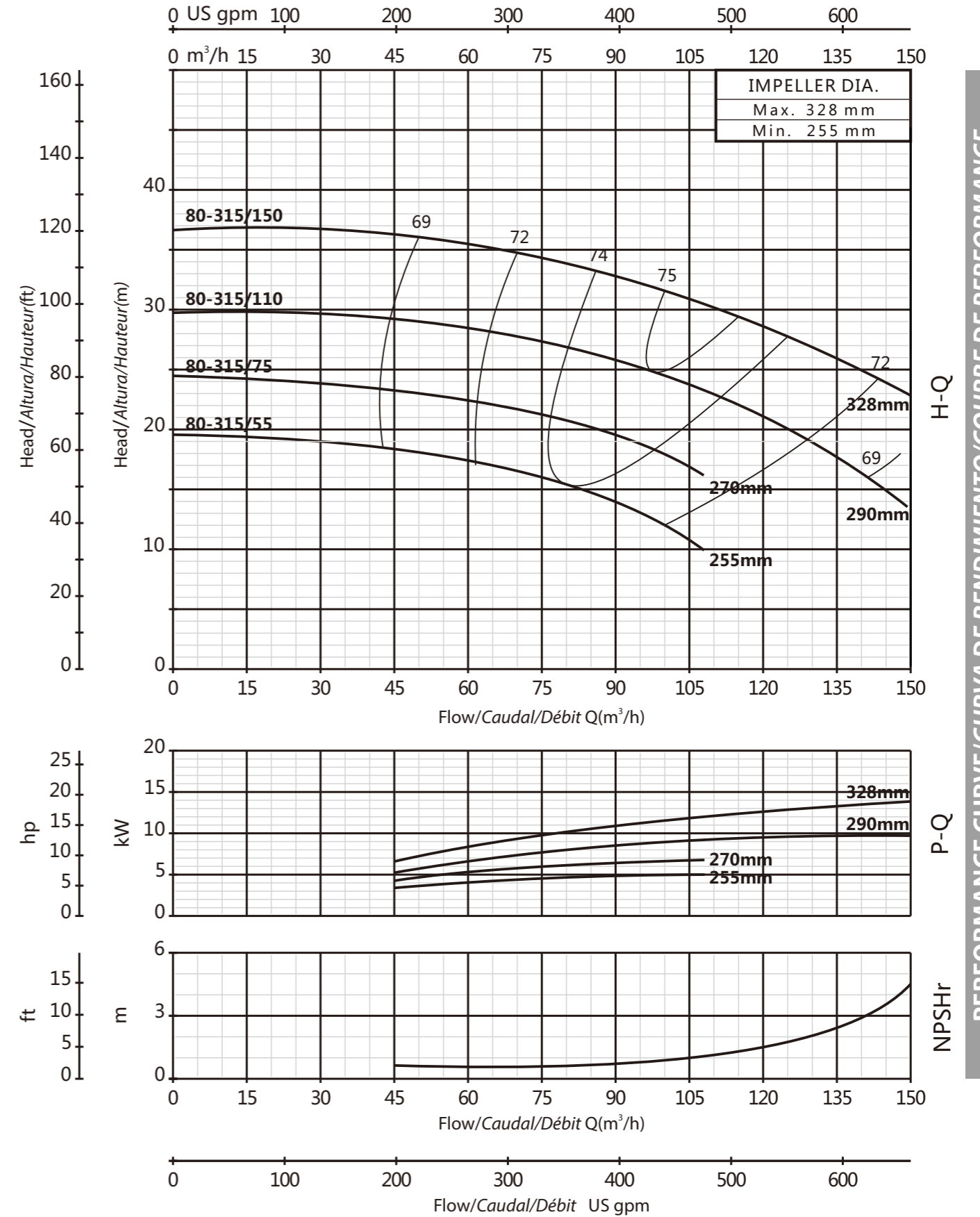
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 80-315

1450rpm

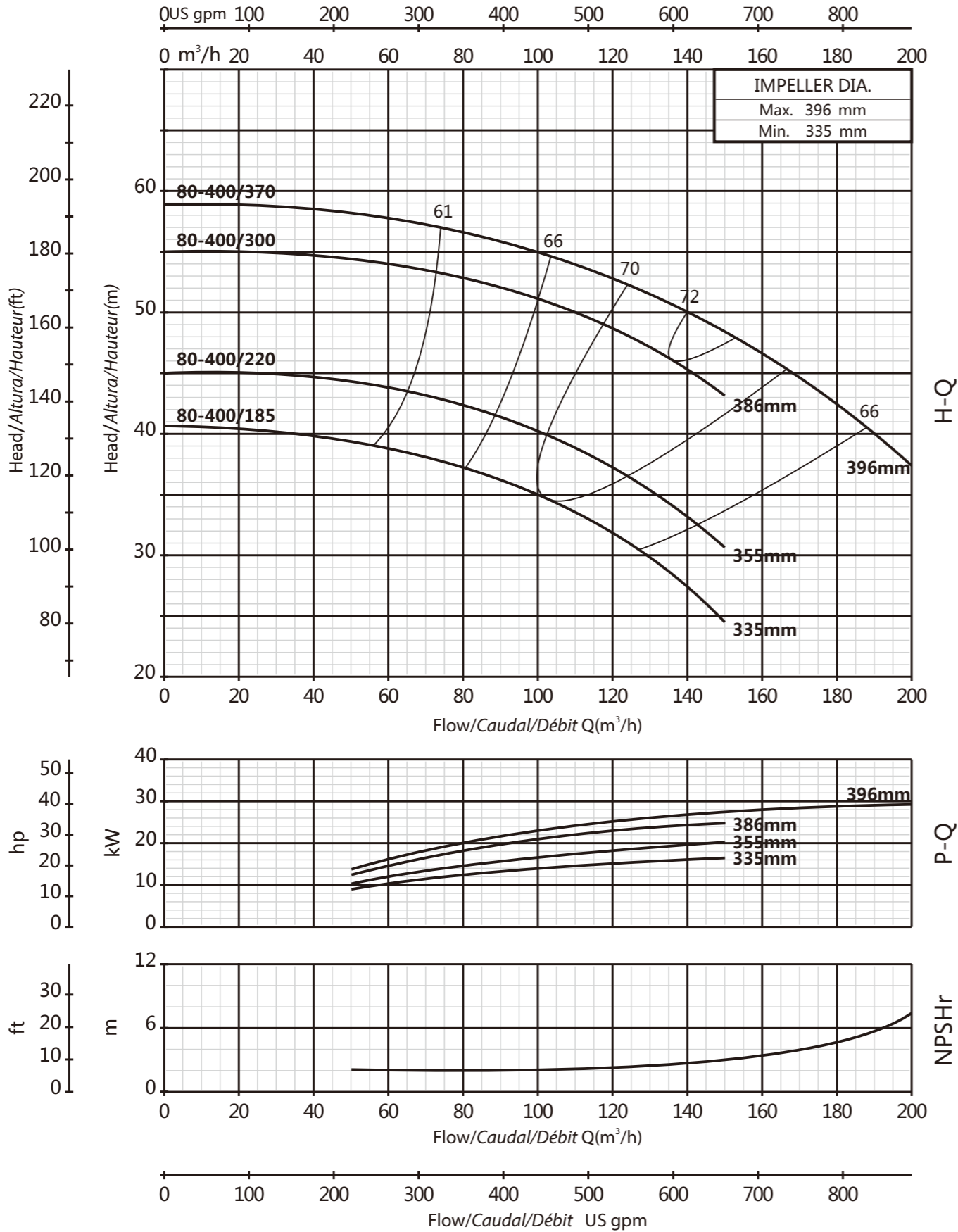


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE



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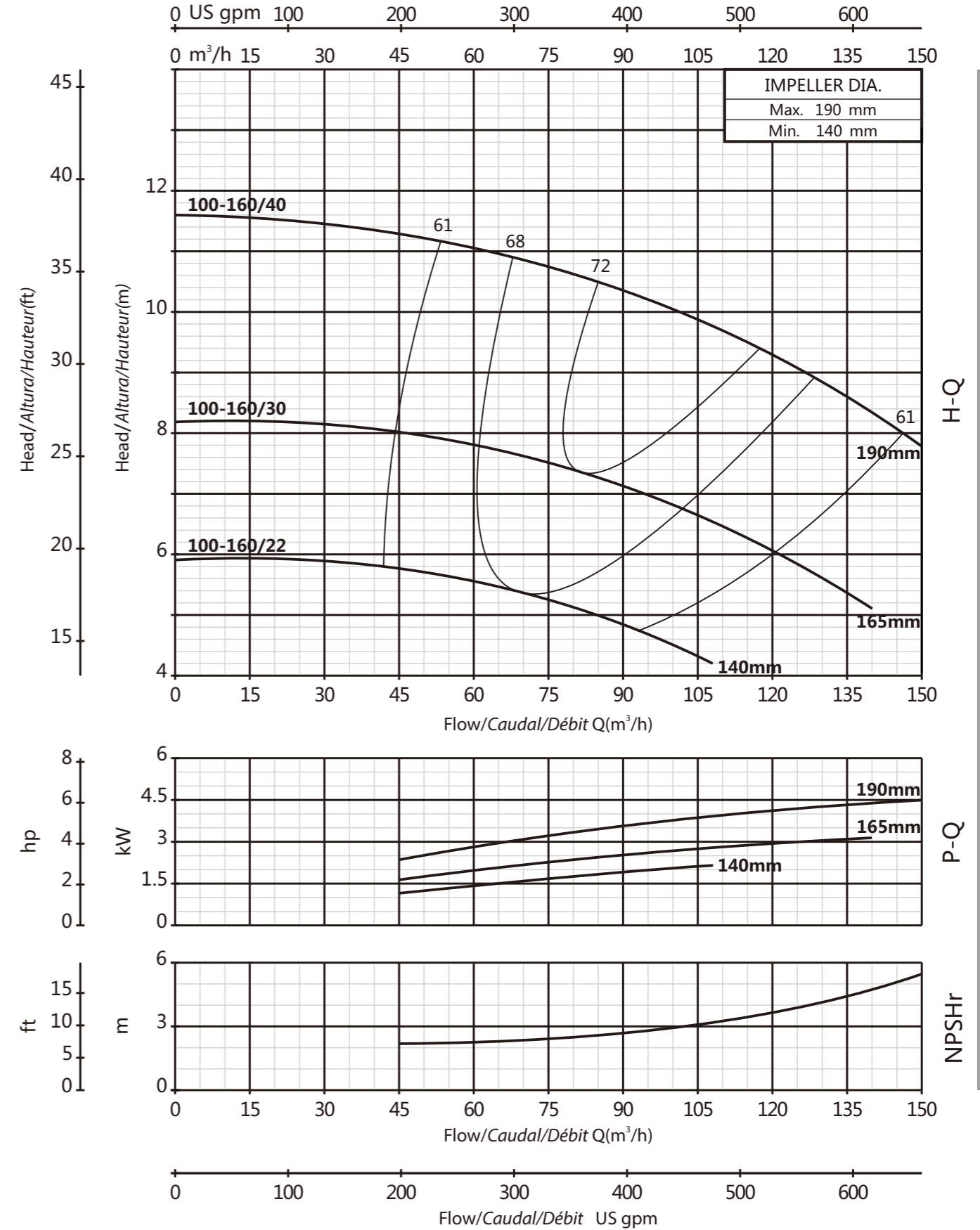
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 100-160

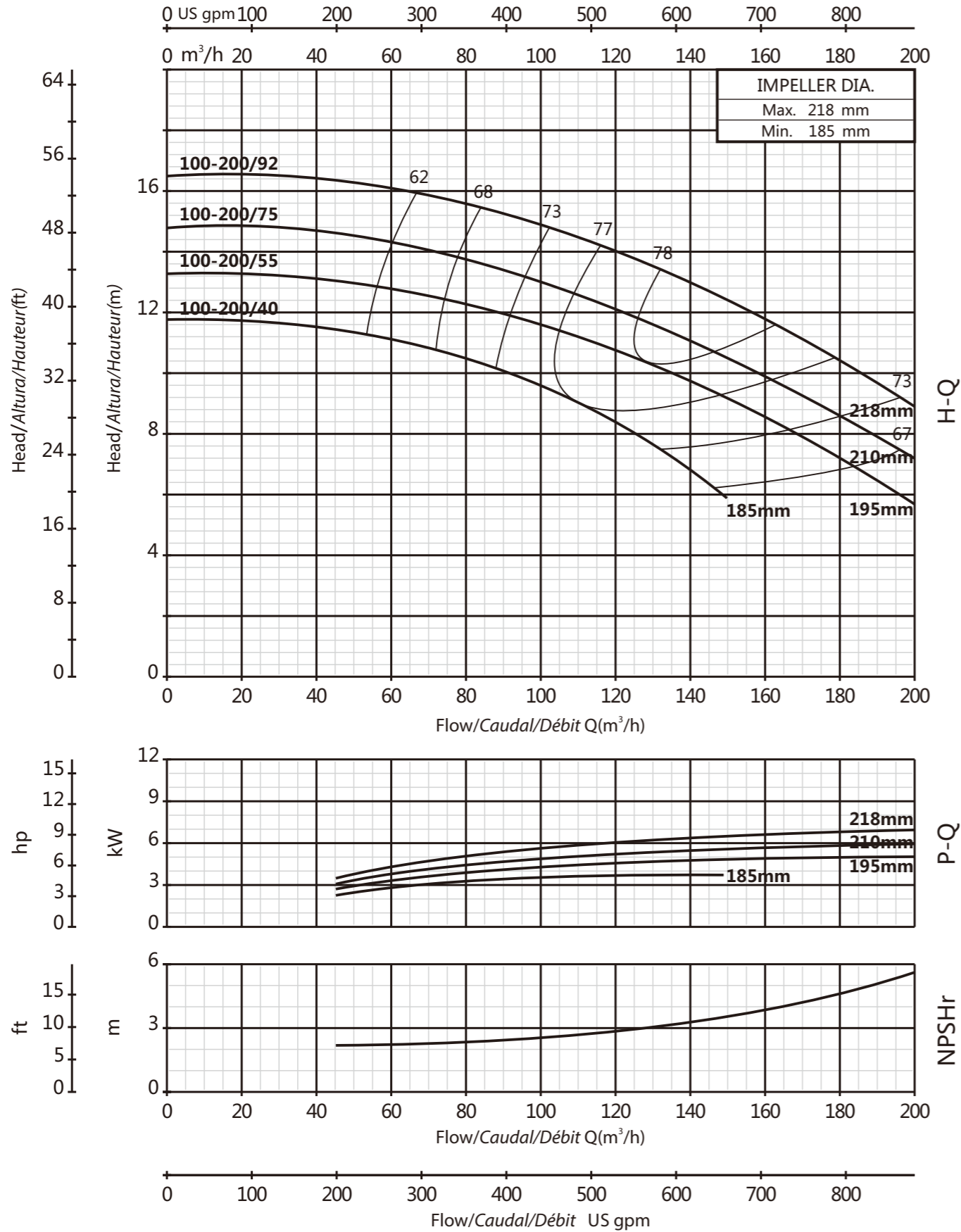
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PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 100-200

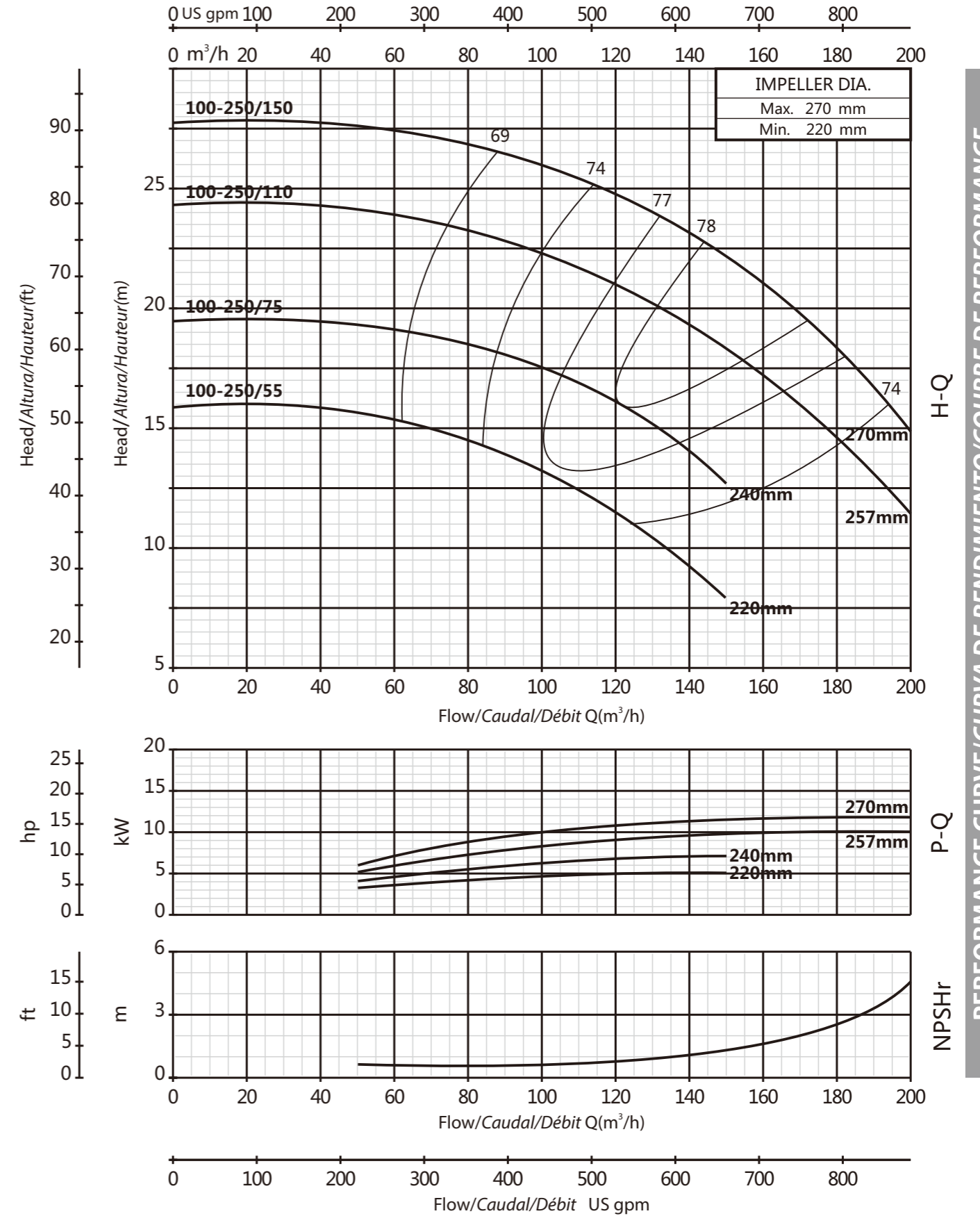
1450rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 100-250

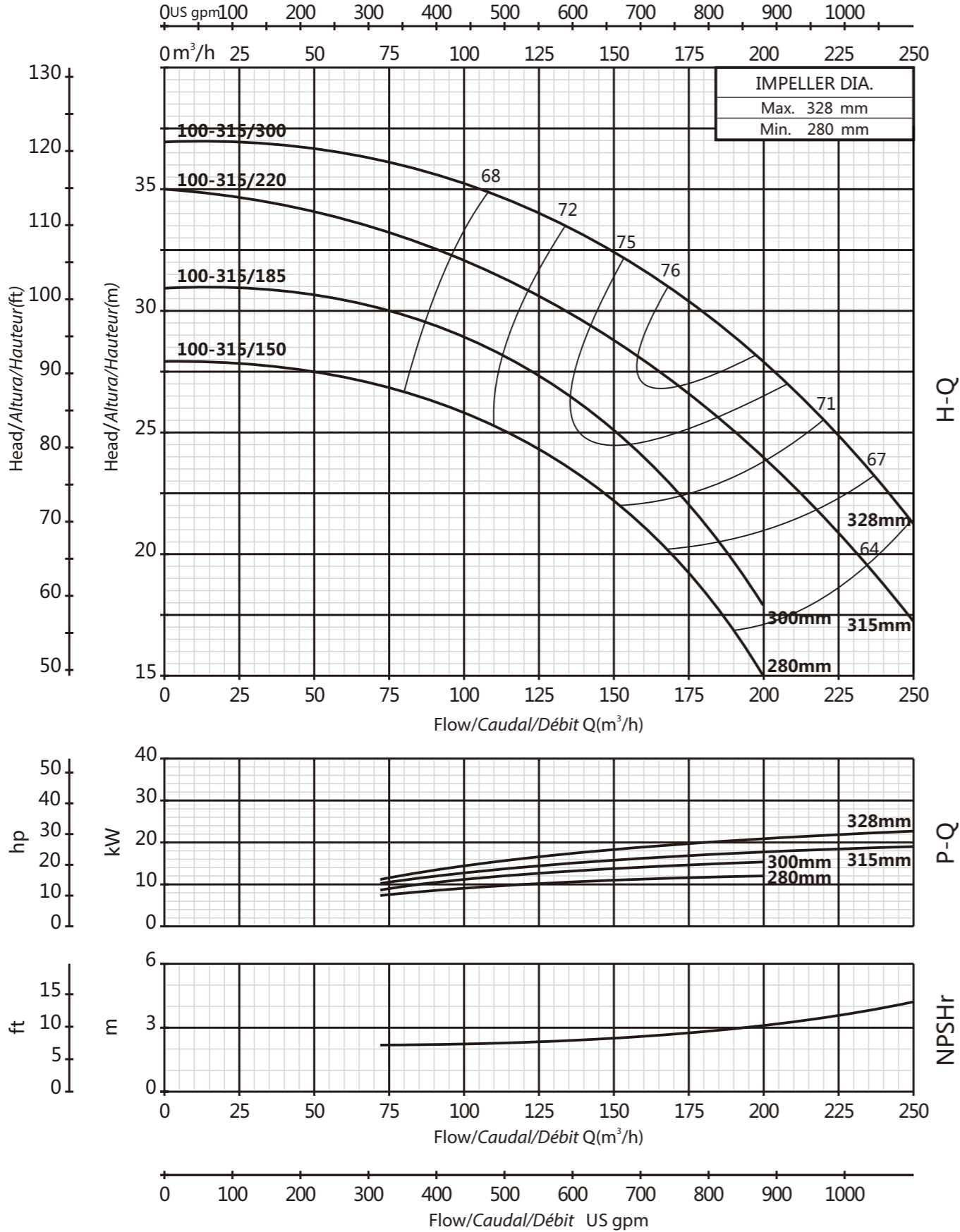
1450rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

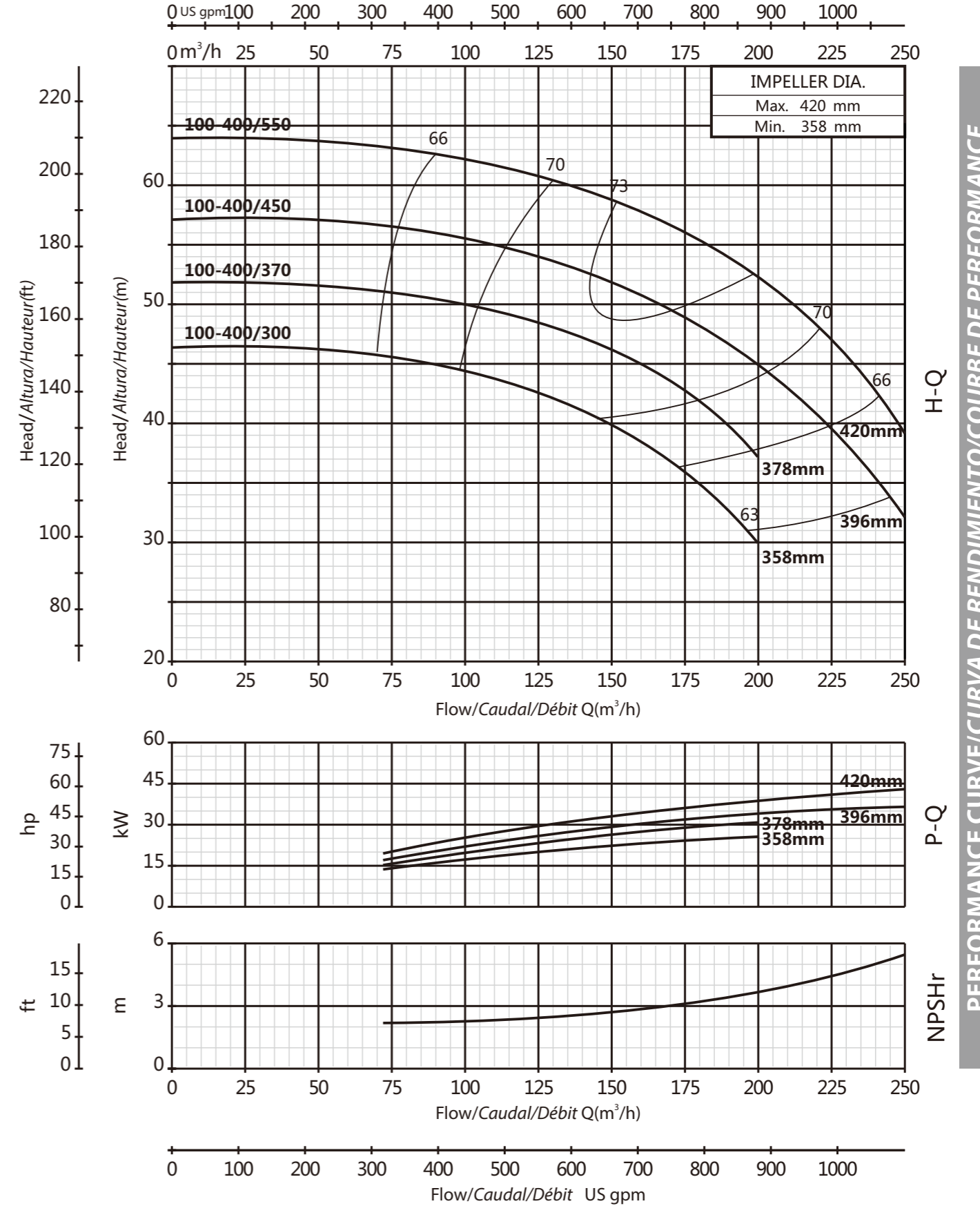
### 100-315

1450rpm



### 100-400

1450rpm

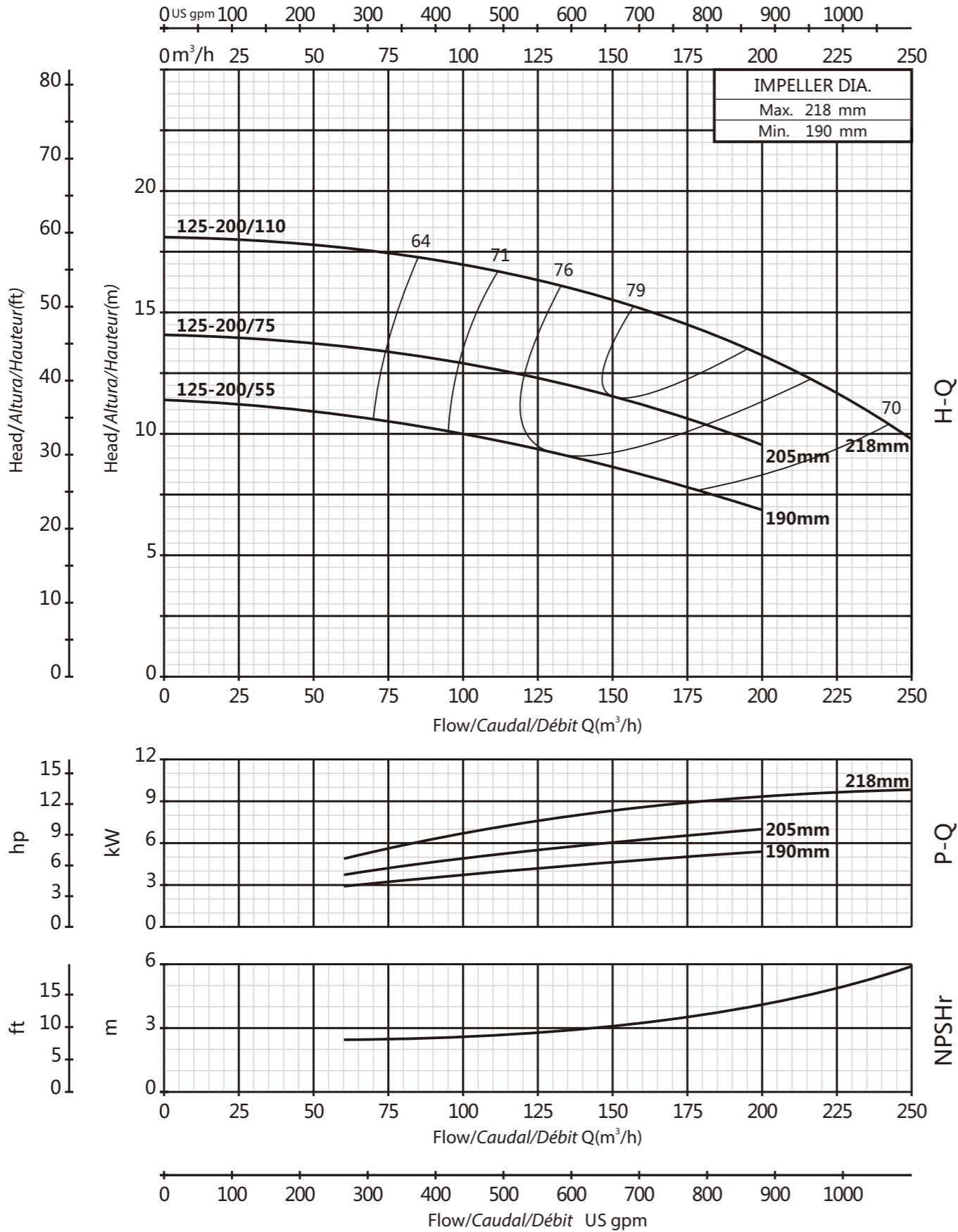


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

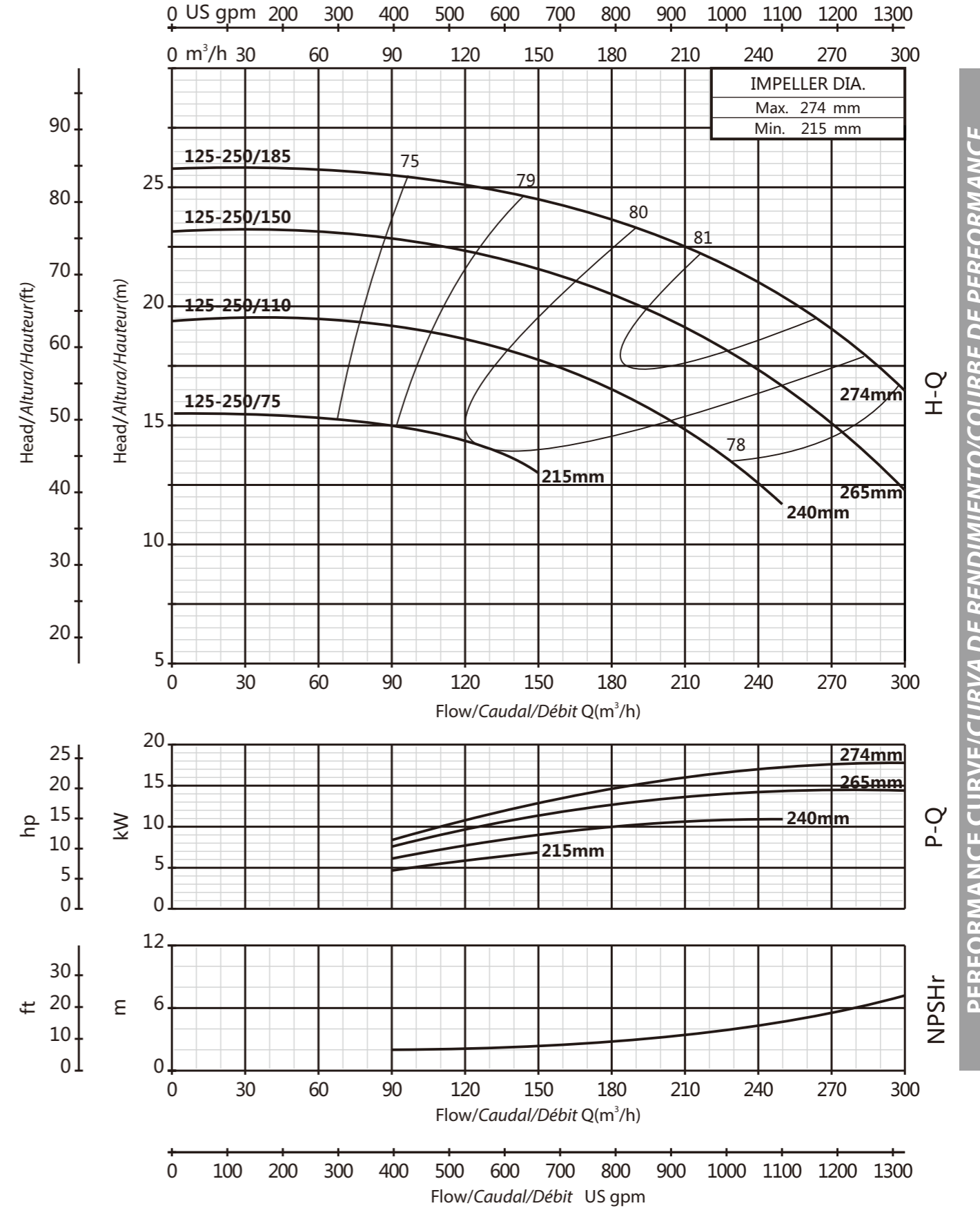
### 125-200

1450rpm



### 125-250

1450rpm

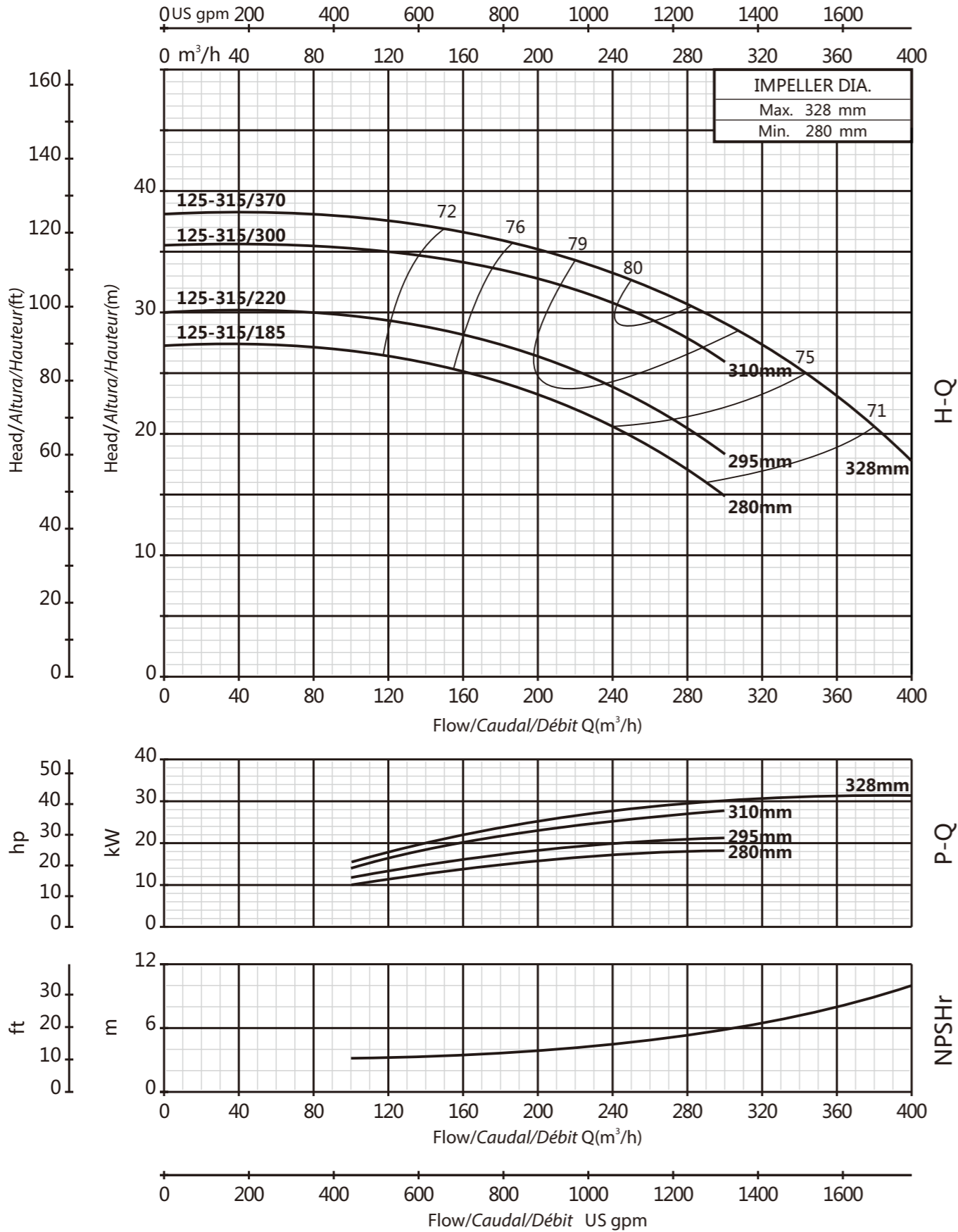


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

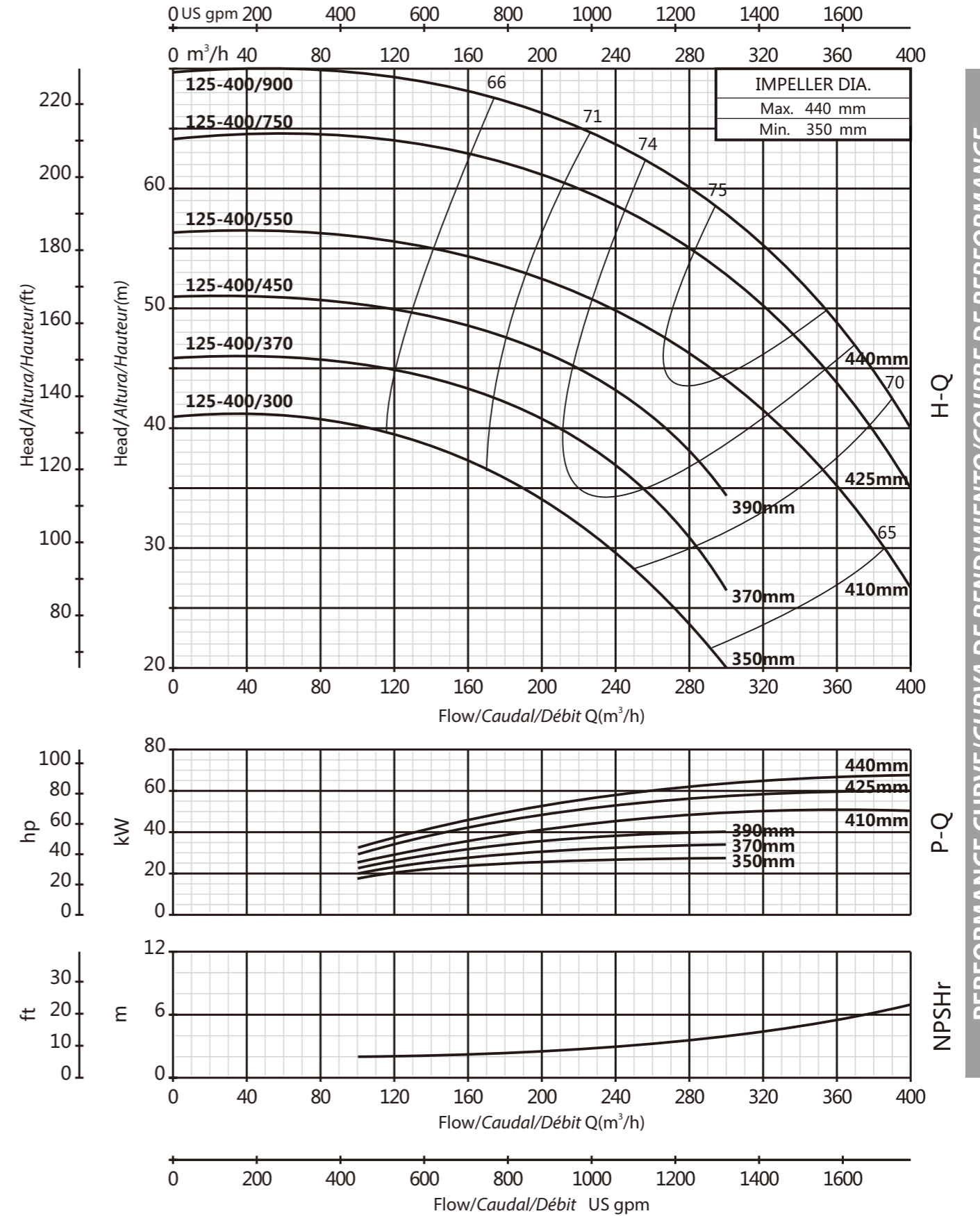
### 125-315

1450rpm



### 125-400

1450rpm

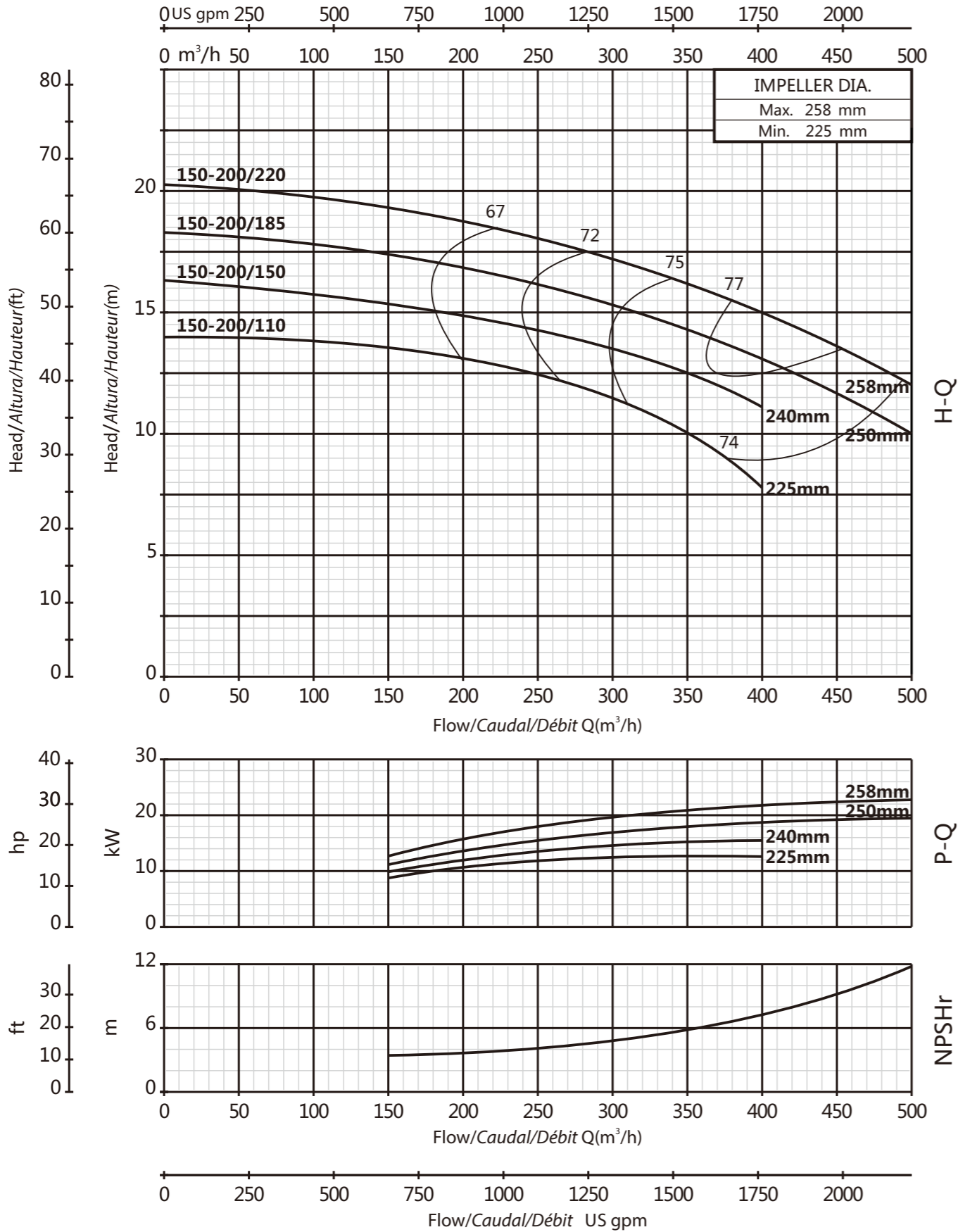


PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 150-200

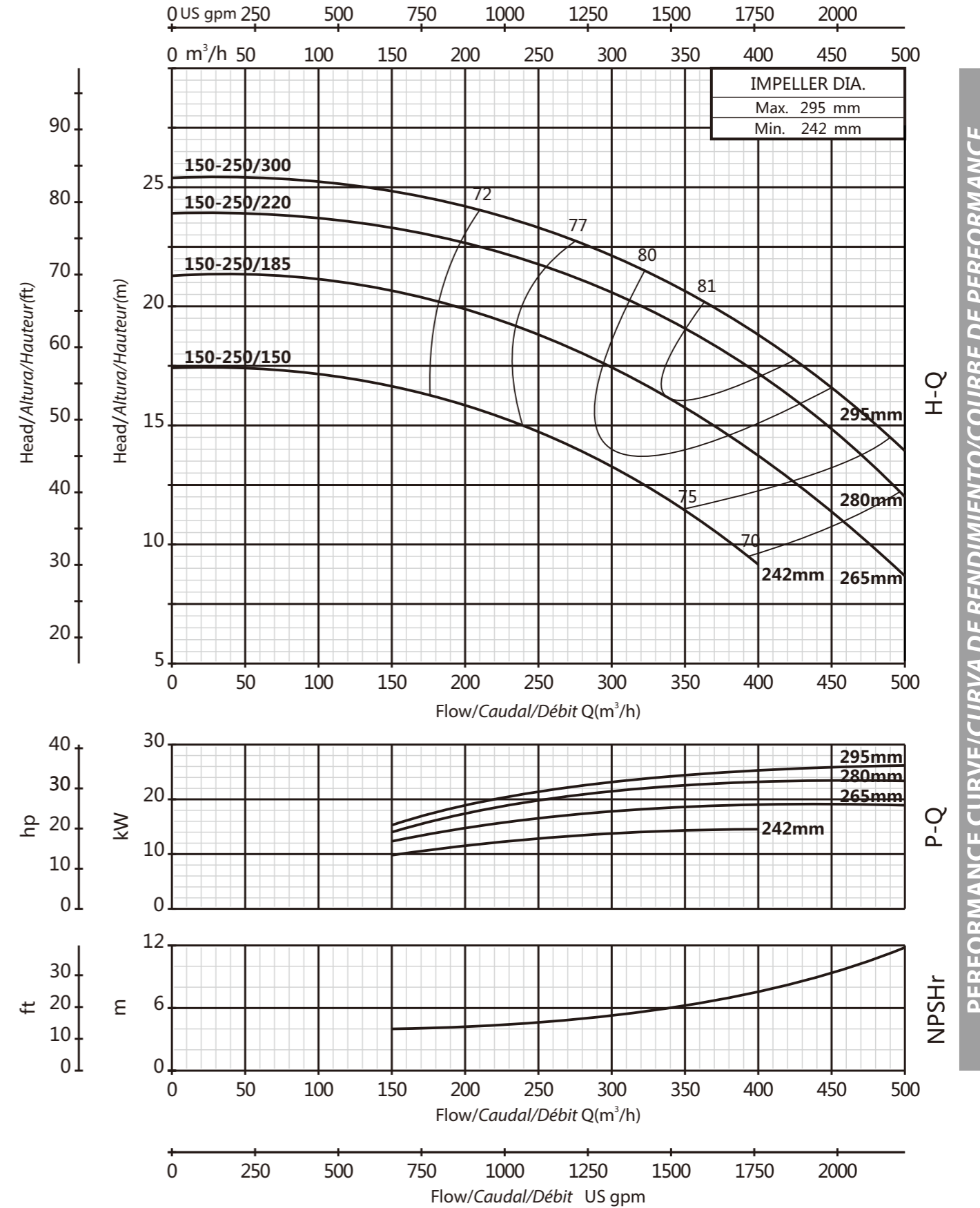
1450rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

### 150-250

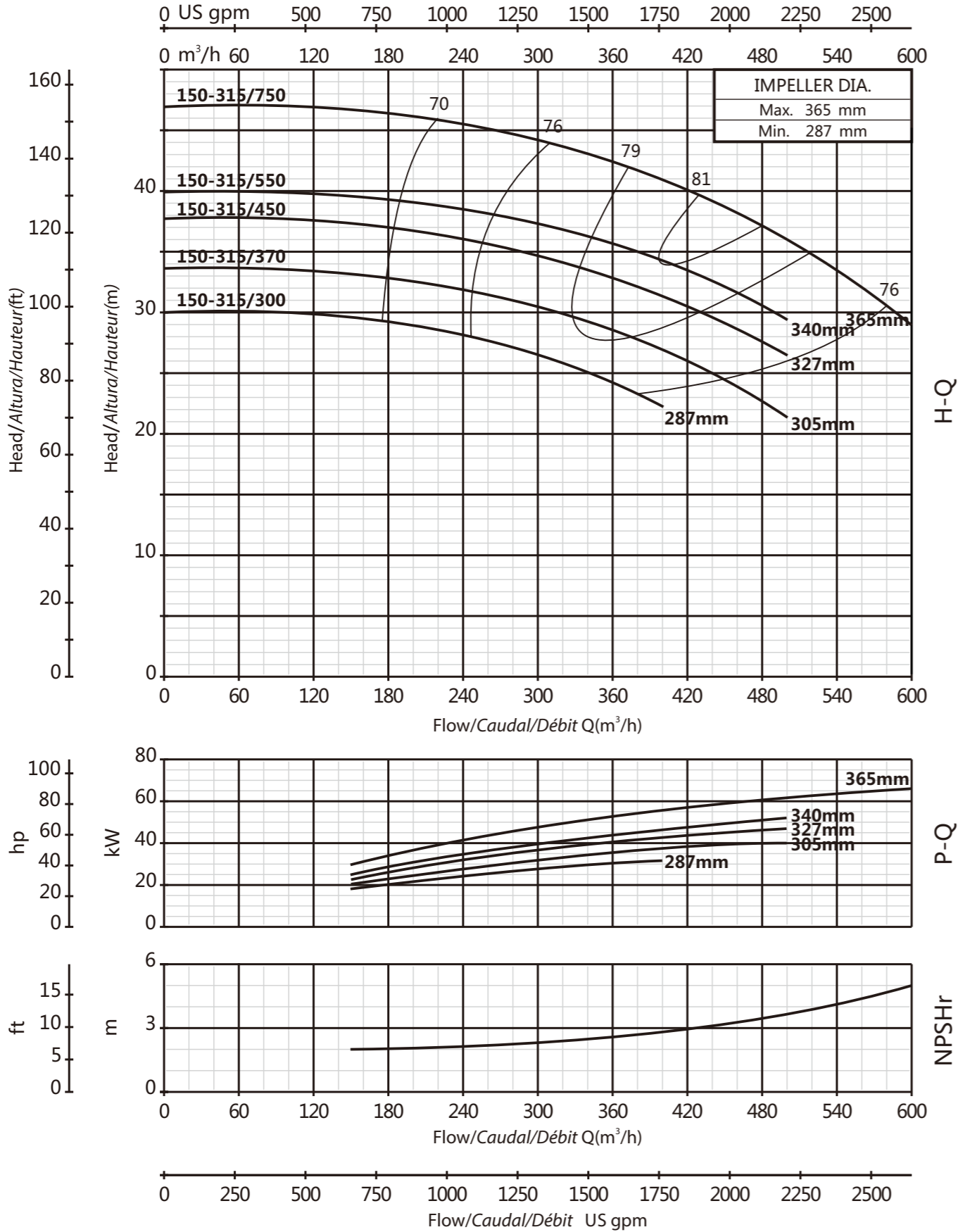
1450rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

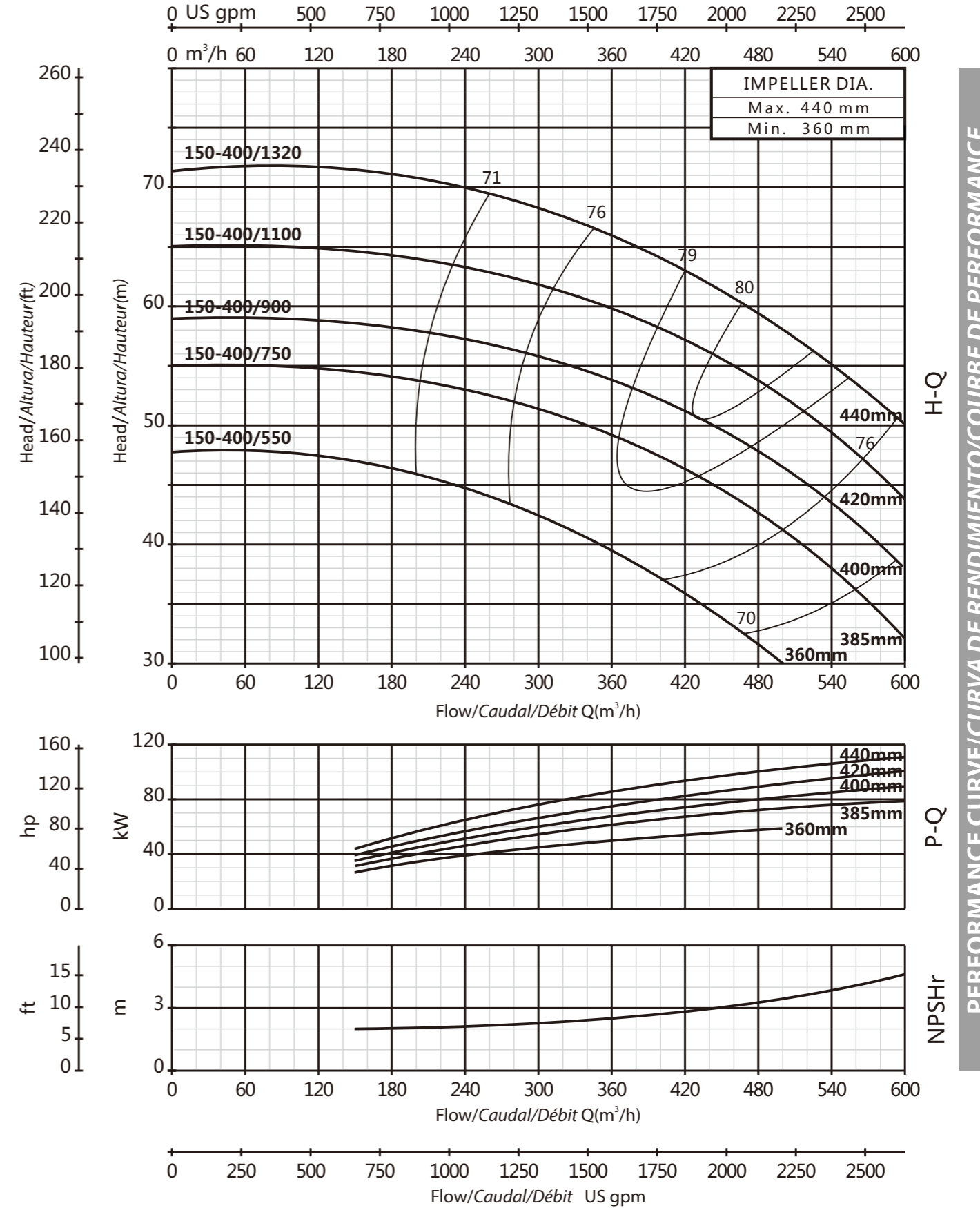
### 150-315

1450rpm



### 150-400

1450rpm



PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE

PERFORMANCE CURVE/CURVA DE RENDIMIENTO/COURBE DE PERFORMANCE