

Monoblock estándar Bomba centrífuga



DESCRIPCIONES

- Motor redondo y cuadrado disponible
- Motor de eficiencia YE3, con protección IP55 clase F
- Cuerpo de bomba con tratamiento anti-corrosión
- Rodamiento de marca NSK y cierre mecánico personalizado
- Contrabridas galvanizadas con pernos, tuercas y empaques

APLICACIONES

Son recomendadas para bombear agua limpia, sin partículas abrasivas y líquidos químicamente no agresivos con los materiales que constituyen la bomba.

Las Bombas centrífugas diseñadas para abastecimiento hídrico, instalaciones de lavado, presurización, contraincendio, irrigación industria, circulación del agua, agricultura.

LÍMITES UTILIZACIÓN

- 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



Limpiar



Civil



Industria



Fuego

■ Caja de bomba	Hierro fundido con revestimiento anticorrosivo
■ Eje	Acero cromado
■ Sello	Sello mecánico, carbono-SIC-NBR
■ Rodamiento	NSK
■ Brida	Contrabrida galvanizada con tornillos y juntas
■ Motor	Clase de aislamiento F, protección IP 55

CÓDIGO MODELO

Por ejemplo

PST (m) 32 - 250 / 75 (D)

- D** = Impulsor doble
Blanco = Impulsor único
- 75** = Potencia nominal (kW) x 10
- 250** = Tamaño nominal del impulsor (mm)
- 32** = Tamaño de descarga (mm)
- m** = Monofásico
Blanco = Trifásico
- PST** = Bomba con motor cuadrado

HOJA TÉCNICA

Modelo	PST	
Caudal	0-400	m³/h
Altura	0-151	m
DN	32-125	mm
Velocidad	2900	rpm
T max	120	°C
Potencia	0.75-160	kW
Voltaje	220/380/400/440	V
HZ	50	

Clase	Class F
IP	IP 55
Servicio	S 1 continuos
Cuerpo	Hierro fundido gris
Impulsor	Hierro fundido/Inox304/ Bronce
Eje	45 # acero/Inox304
Sello	Sello mecánico
Rodamiento	Rodamiento lubricación con grasa

DATOS TÉCNICOS

50 Hz n=2900 1/min

MODELO	DN mm	Potencia kw hp		Q= CAUDAL																		
				us	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608		
				gpm	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300		
				l/min	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138		
				H= Altura (m)																		
PST 32-125/07	50x32	0.75	1	17.5	16.7	15	12	9	-	-	-	-	-	-	-	-	-	-	-	-		
PST 32-125/11	50x32	1.1	1.5	22	21	19.7	16.5	14.5	9	-	-	-	-	-	-	-	-	-	-	-		
PST 32-160/15	50x32	1.5	2	25.4	23.7	22.5	18.5	15.8	-	-	-	-	-	-	-	-	-	-	-	-		
PST 32-160/22	50x32	2.2	3	31	29.6	28.5	24.5	22	15	-	-	-	-	-	-	-	-	-	-	-		
PST 32-160/30	50x32	3	4	35	34.3	32.5	28	25.5	19	15	-	-	-	-	-	-	-	-	-	-		
PST 32-200/30	50x32	3	4	44.2	42	39.8	35.2	32.2	24.6	19.8	-	-	-	-	-	-	-	-	-	-		
PST 32-200/40	50x32	4	5.5	54.5	52	50	45.5	42.3	35	30.3	-	-	-	-	-	-	-	-	-	-		
PST 32-250/55	50x32	5.5	7.5	60	59.5	59	55	50.2	34.5	-	-	-	-	-	-	-	-	-	-	-		
PST 32-250/75	50x32	7.5	10	69.5	69	68.5	66	63	53	-	-	-	-	-	-	-	-	-	-	-		
PST 32-250/92	50x32	9.2	12.5	75	75	74.5	72	69	59	-	-	-	-	-	-	-	-	-	-	-		
PST 32-250/110	50x32	11	15	90	89.5	88	82	78	66	-	-	-	-	-	-	-	-	-	-	-		
PST 32-250/150	50x32	15	20	97	96.5	96	90	86	73	-	-	-	-	-	-	-	-	-	-	-		
PST 32-250/55D	50x32	5.5	7.5	79.5	74.7	71.8	63	56	37.5	-	-	-	-	-	-	-	-	-	-	-		
PST 32-250/75D	50x32	7.5	10	95	93	91	83	76	57.8	-	-	-	-	-	-	-	-	-	-	-		
PST 40-125/11	65x40	1.1	1.5	14.7	-	-	-	13	11.5	10.1	5.8	-	-	-	-	-	-	-	-	-		
PST 40-125/15	65x40	1.5	2	18.1	-	-	-	17	15	13.9	10	6	-	-	-	-	-	-	-	-		
PST 40-125/22	65x40	2.2	3	24.5	-	-	-	23.2	21.5	20.2	16	13	8.3	-	-	-	-	-	-	-		
PST 40-160/30	65x40	3	4	31.8	-	-	-	29.5	27.5	26.3	21.5	17.5	-	-	-	-	-	-	-	-		
PST 40-160/40	65x40	4	5.5	38	-	-	-	36	34	33	28.5	25	20.1	-	-	-	-	-	-	-		
PST 40-200/55	65x40	5.5	7.5	46	-	-	-	43.8	41.3	40.1	35	30	-	-	-	-	-	-	-	-		
PST 40-200/75	65x40	7.5	10	57	-	-	-	53.6	51.5	50	45	41	36.5	-	-	-	-	-	-	-		
PST 40-250/92	65x40	9.2	12.5	64	-	-	-	59	56.5	55	49.5	45	39.8	-	-	-	-	-	-	-		
PST 40-250/110	65x40	11	15	72	-	-	-	67.5	65	63.5	57.5	52.2	47	-	-	-	-	-	-	-		
PST 40-250/150	65x40	15	20	84.5	-	-	-	79.3	77.3	75.2	70	66	61	-	-	-	-	-	-	-		
PST 40-250/185	65x40	18.5	25	90	-	-	-	85.5	82.8	80.7	75.8	70.5	66.5	-	-	-	-	-	-	-		
PST 50-125/22	65x50	2.2	3	17	-	-	-	-	-	-	15.4	14	12.8	11.5	6.5	-	-	-	-	-		
PST 50-125/30	65x50	3	4	20	-	-	-	-	-	-	18.8	18	17	15.6	11	-	-	-	-	-		
PST 50-125/40	65x50	4	5.5	24	-	-	-	-	-	-	23.1	23	21.5	20.3	15.8	11.8	-	-	-	-		
PST 50-160/55	65x50	5.5	7.5	32	-	-	-	-	-	-	30.6	30	28	26.6	20.5	14.8	-	-	-	-		
PST 50-160/75	65x50	7.5	10	40	-	-	-	-	-	-	38	37	36	34.4	29	24	21	-	-	-		
PST 50-200/92	65x50	9.2	12.5	50.5	-	-	-	-	-	-	46.8	45	43	40.9	32.5	26.7	-	-	-	-		
PST 50-200/110	65x50	11	15	57.5	-	-	-	-	-	-	53.5	52	50	47.5	40	34	29	-	-	-		
PST 50-200/150	65x50	15	20	62	-	-	-	-	-	-	58	56.5	54.5	52	44.5	39	35.5	-	-	-		
PST 50-250/150	65x50	15	20	68.5	-	-	-	-	-	-	64	63	61.5	59	50	41	-	-	-	-		
PST 50-250/185	65x50	18.5	25	79	-	-	-	-	-	-	75.8	74.8	74	71.5	63.5	55.5	47	-	-	-		
PST 50-250/220	65x50	22	30	89.5	-	-	-	-	-	-	86	85.3	84	81.5	73.5	63.5	57	-	-	-		
PST 65-125/40	80x65	4	5.5	19	-	-	-	-	-	-	-	-	17.3	16.8	14.5	13	11.8	-	-	-		
PST 65-125/55	80x65	5.5	7.5	23	-	-	-	-	-	-	-	-	21.3	20.9	19	17.5	16.7	13.7	-	-		
PST 65-125/75	80x65	7.5	10	27	-	-	-	-	-	-	-	-	26	25.6	24.5	23	22.5	20	18	-		
PST 65-160/92	80x65	9.2	12.5	33	-	-	-	-	-	-	-	-	-	31.5	30	28	27.1	24	21.5	-		
PST 65-160/110	80x65	11	15	36	-	-	-	-	-	-	-	-	-	34.5	33	31.5	30.8	28	25.5	-		
PST 65-160/150	80x65	15	20	42	-	-	-	-	-	-	-	-	-	41	40	38.5	37.8	35	33	29.5		
PST 65-200/150	80x65	15	20	45	-	-	-	-	-	-	-	-	-	45.5	43	41	40.2	36.5	34	-		
PST 65-200/185	80x65	18.5	25	52	-	-	-	-	-	-	-	-	-	52.3	51	49	48.2	44.5	42	-		
PST 65-200/220	80x65	22	30	59	-	-	-	-	-	-	-	-	-	59.5	58	56	55	52	49.5	44.5		
PST 65-250/220	80x65	22	30	64.8	-	-	-	-	-	-	-	-	-	64.7	62	60	58.5	53	50	-		
PST 65-250/300	80x65	30	40	80	-	-	-	-	-	-	-	-	-	79.8	77.5	75.5	74.5	70	66	58		
PST 65-250/370	80x65	37	50	92	-	-	-	-	-	-	-	-	-	90.5	88.5	87	85	80.5	78	68		

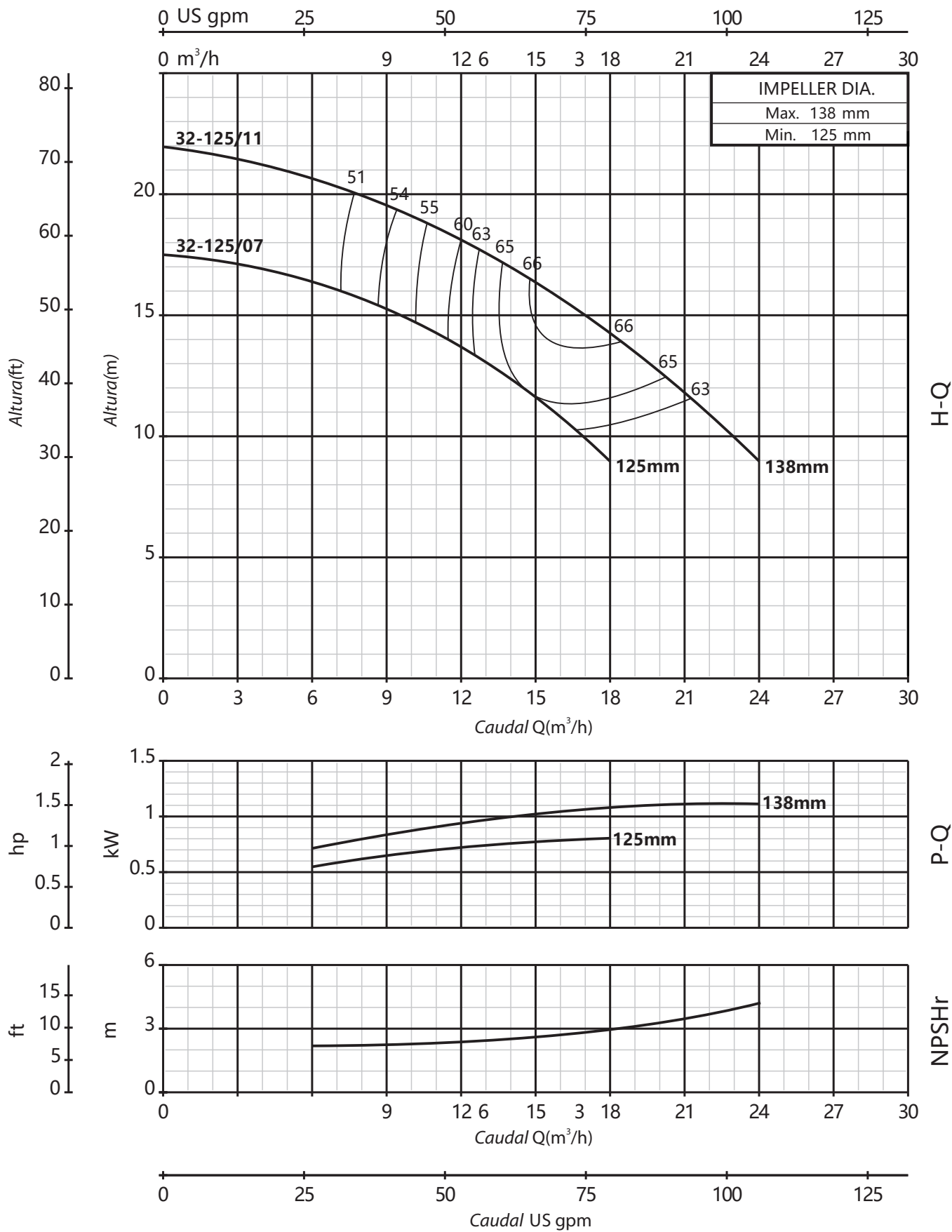
DATOS TÉCNICOS

50 Hz n=2900 1/min

MODELO	DN mm	Potencia kw hp		Q= CAUDAL													
				us gpm 0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762
				l/min 0	1000	1500	2000	2400	3000	3333	3500	3667	4000	4667	5000	6000	6667
				m³/h 0	60	90	120	144	180	200	210	220	240	280	300	360	400
				H= Altura (m)													
PST 65-315/450	80x65	45	60	102	98	94.5	90	83	-	-	-	-	-	-	-	-	-
PST 65-315/550	80x65	55	75	122	120	114.5	110	100	76	-	-	-	-	-	-	-	-
PST 65-315/750	80x65	75	100	141	141	134.5	130	120	96	78	65.5	-	-	-	-	-	-
PST 65-315/900	80x65	90	125	151	150	144.5	140	130	106	88	75.5	-	-	-	-	-	-
PST 80-125/40	100x80	4	5.5	17	15	12.3	7.5	-	-	-	-	-	-	-	-	-	-
PST 80-125/55	100x80	5.5	7.5	21	19.6	17.4	13.4	9.5	-	-	-	-	-	-	-	-	-
PST 80-125/75	100x80	7.5	10	26	24.8	23	19.5	16.5	-	-	-	-	-	-	-	-	-
PST 80-160/110	100x80	11	15	28	27	27.3	24.5	21.1	16	-	-	-	-	-	-	-	-
PST 80-160/150	100x80	15	20	34	32.6	32.5	30.2	27	22.1	18.5	16.7	-	-	-	-	-	-
PST 80-160/185	100x80	18.5	25	39	38.5	38	36.7	33.6	28.8	25.3	23.5	-	-	-	-	-	-
PST 80-160/220	100x80	22	30	44	43.5	43	41.7	38.6	33.8	30.3	28.5	-	-	-	-	-	-
PST 80-200/220	100x80	22	30	48	47.7	47.5	43.5	39.2	32.5	27.2	24.5	-	-	-	-	-	-
PST 80-200/300	100x80	30	40	60	59.7	59.5	57	53.1	47	42.7	40.5	-	-	-	-	-	-
PST 80-250/370	100x80	37	50	71.5	70.9	70.5	65.5	59.3	51	43.2	38.5	-	-	-	-	-	-
PST 80-250/450	100x80	45	60	88	86.7	86	83.6	78.5	70.5	60	51	-	-	-	-	-	-
PST 80-250/550	100x80	55	75	94.5	94.5	94.5	91.8	87	79.5	72.1	68.3	-	-	-	-	-	-
PST 80-315/450	100x80	45	60	85	84	82.6	82	78	68.3	61	56	-	-	-	-	-	-
PST 80-315/550	100x80	55	75	98	97	95.6	95	91	81.3	74	69	-	-	-	-	-	-
PST 80-315/750	100x80	75	100	124	123	121.6	121	117	107.3	100	95	90	80.8	-	-	-	-
PST 80-315/900	100x80	90	125	144	143	141.6	141	137	127.3	120	115	110	100.8	-	-	-	-
PST 100-160/150	125x100	15	20	35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15	-	-	-	-
PST 100-160/185	125x100	18.5	25	38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18	-	-	-	-
PST 100-160/220	125x100	22	30	43	41	40	37.6	35.2	31.5	28.5	27	25.3	22	-	-	-	-
PST 100-200/220	125x100	22	30	38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13	-	-
PST 100-200/300	125x100	30	40	44.5	42.5	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18	-	-
PST 100-200/370	125x100	37	50	55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29	-	-
PST 100-250/450	125x100	45	60	65	65	64	63	61	58	56	55	53.3	50	39	33.5	-	-
PST 100-250/550	125x100	55	75	77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59	-	-
PST 100-250/750	125x100	75	100	91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48	-
PST 100-250/900	125x100	90	125	100	100	99.5	98.7	97	94.5	93	92.3	90.5	87	80.7	77.5	57	-
PST 100-315/750	125x100	75	100	80	-	-	78.5	76.7	74	73	72.8	72.5	70.7	68	64	52	-
PST 100-315/900	125x100	90	125	100	-	-	98.5	96.7	94	93	92.8	92.5	90.7	88	84	72	-
PST 100-315/1100	125x100	110	150	118	-	-	116.5	114.7	112	111	110.8	110.5	108.7	106	102	90	-
PST 100-315/1320	125x100	132	180	129	-	-	127.5	125.7	123	122	121.8	121.5	119.7	117	112	101	-
PST 100-315/1600	125x100	160	220	148	-	-	146.5	144.7	142	141	140.8	140.5	138.7	136	132	120	-
PST 125-200/450	150x125	45	60	39.8	-	-	39.3	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25
PST 125-200/550	150x125	55	75	50.5	-	-	49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35
PST 125-200/750	150x125	75	100	61.5	-	-	60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46
PST 125-250/550	150x125	55	75	70	-	-	67	66	64	63	62	61	59.5	54	50.5	-	-
PST 125-250/750	150x125	75	100	80	-	-	76.5	75.5	74	73	72	71.5	70	67	65	56	-
PST 125-250/900	150x125	90	125	87	-	-	84	82.5	81	79.5	79	78	77	73.5	71.5	65	60

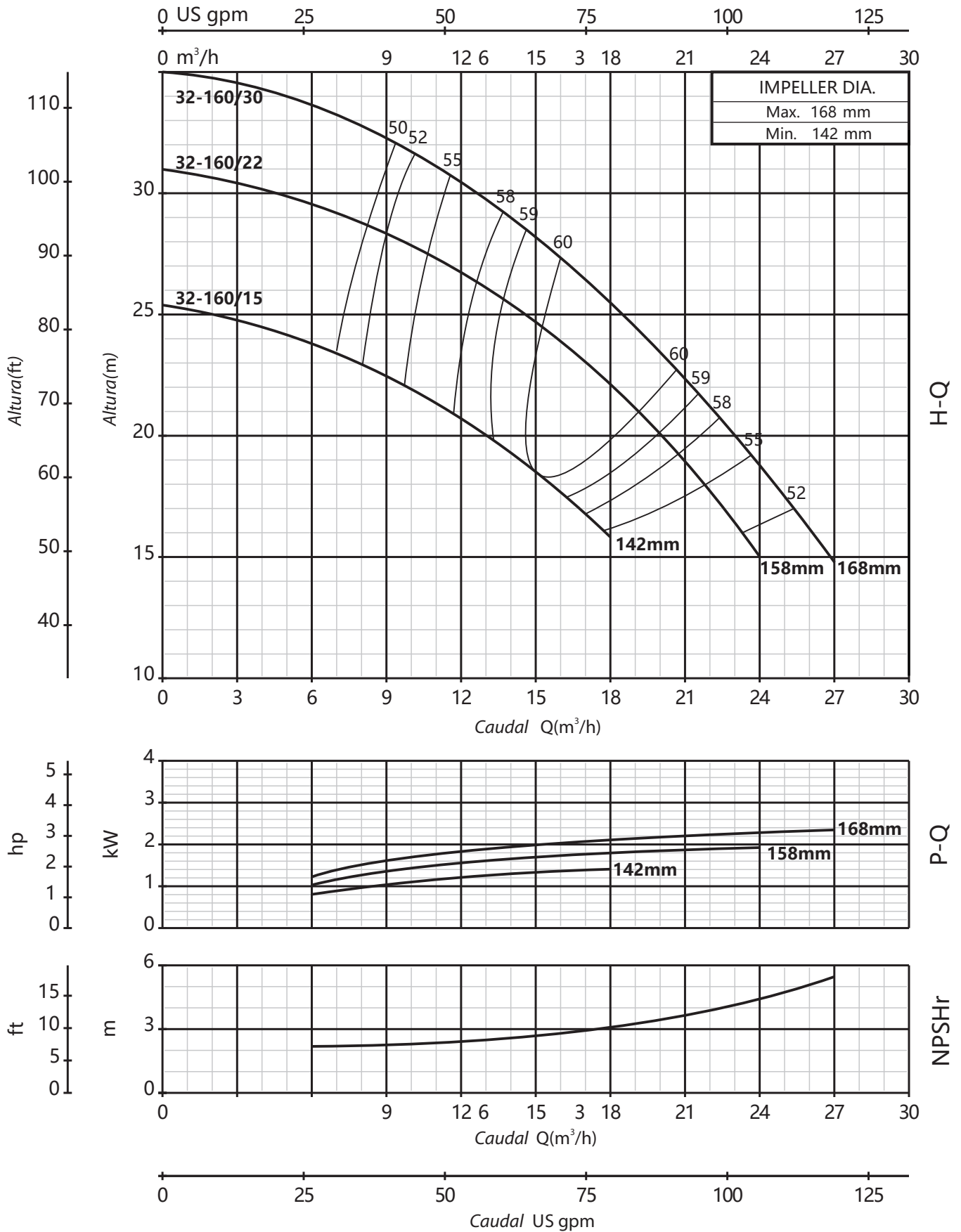
32-125

2900rpm



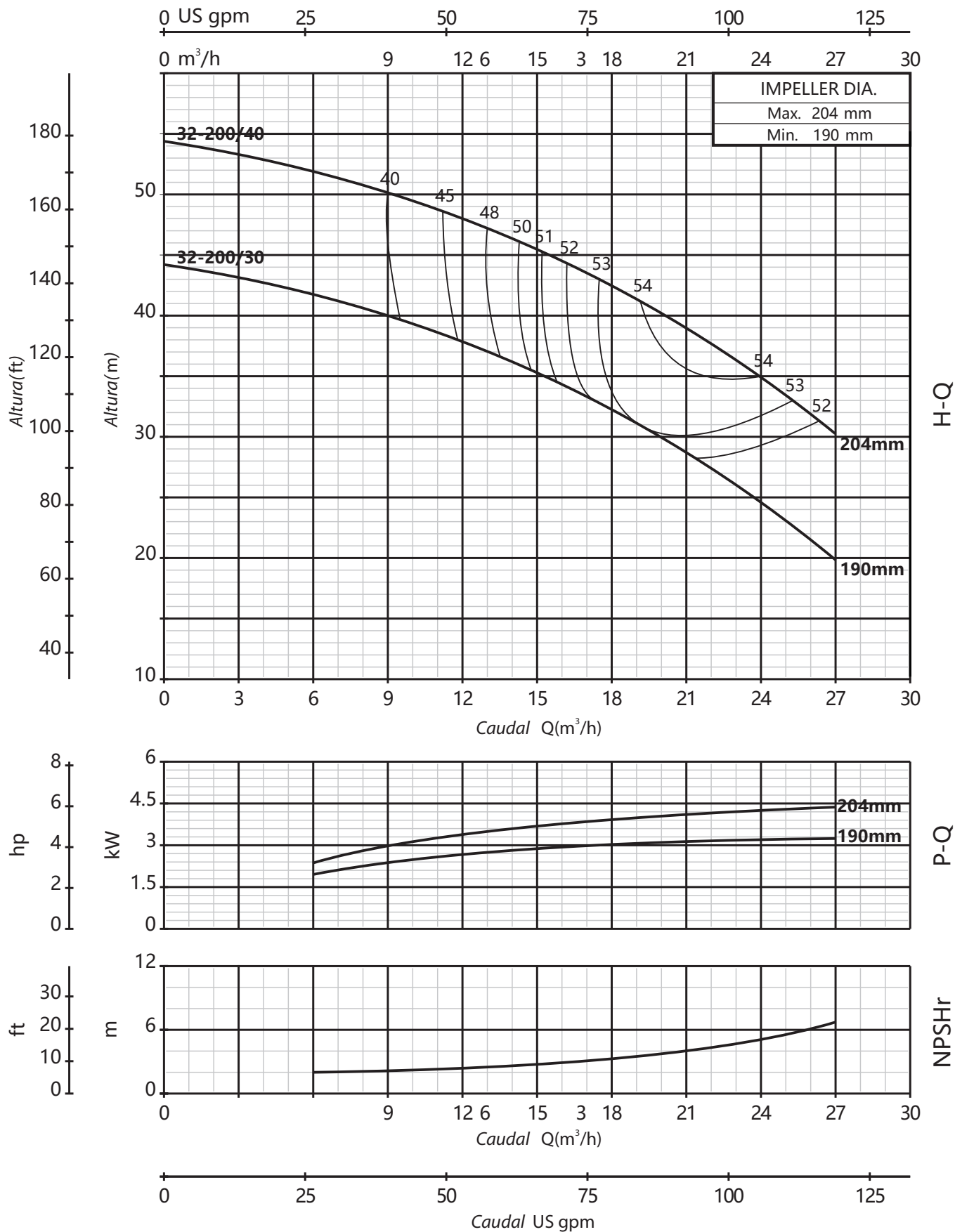
32-160

2900rpm



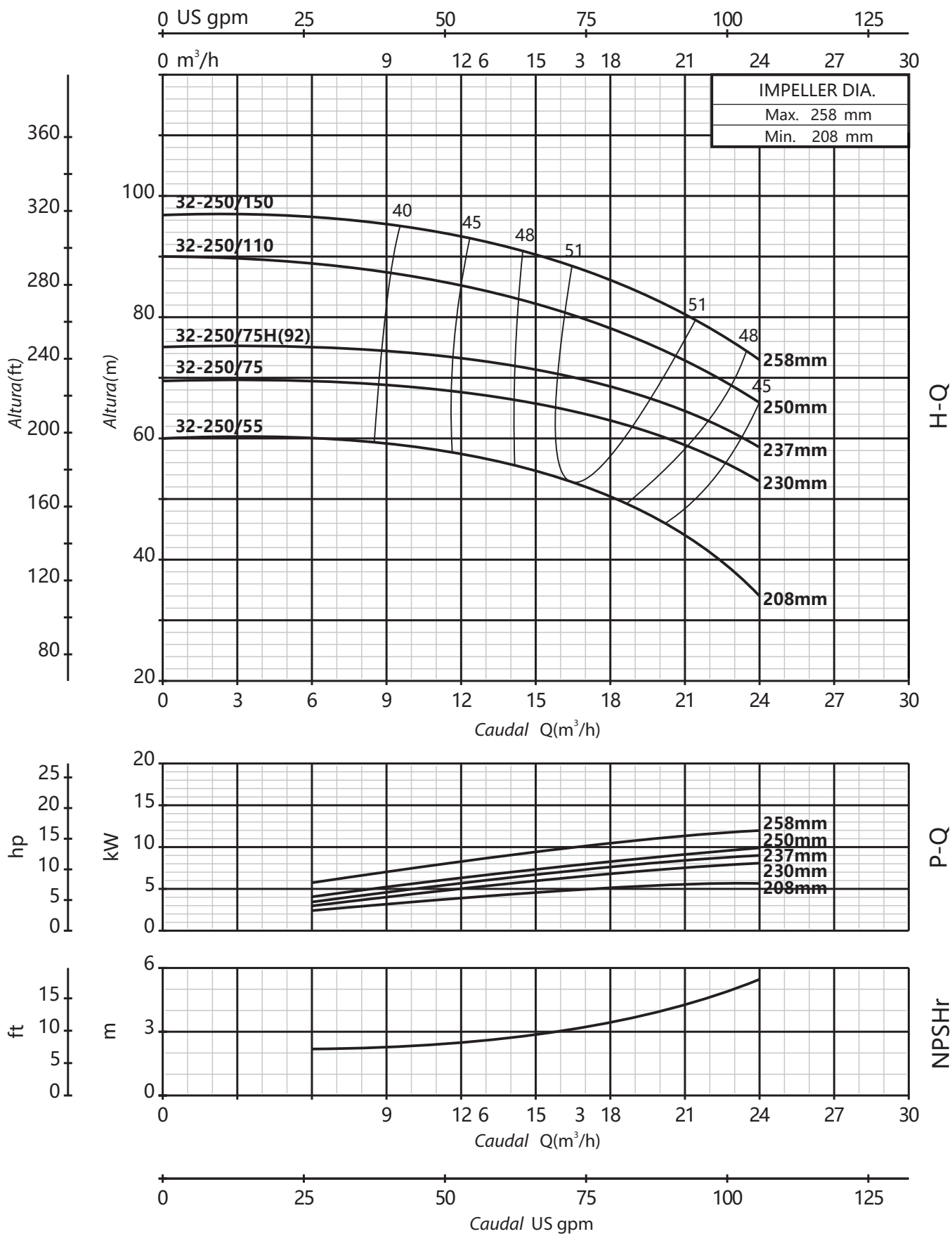
32-200

2900rpm



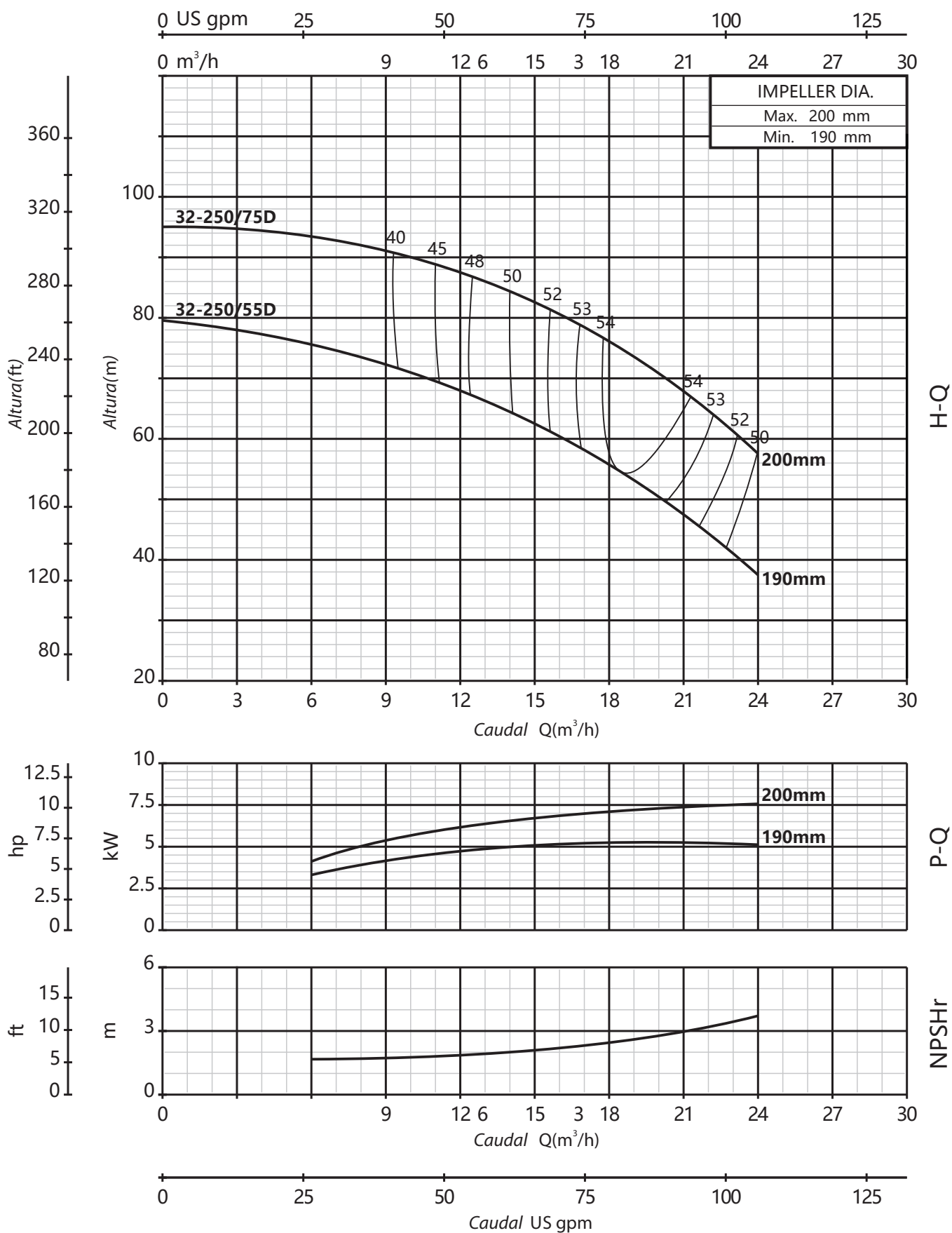
32-250

2900rpm



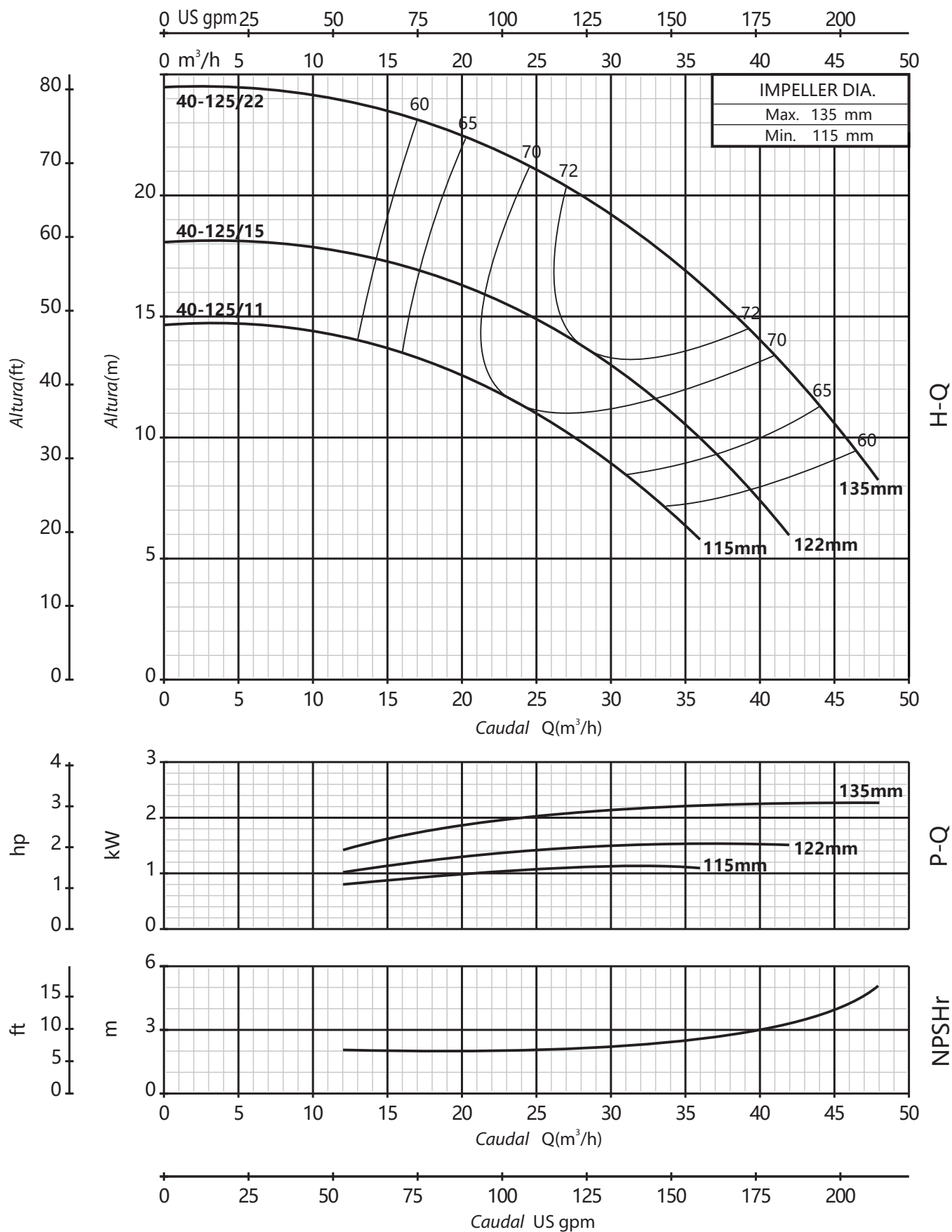
32-250D

2900rpm



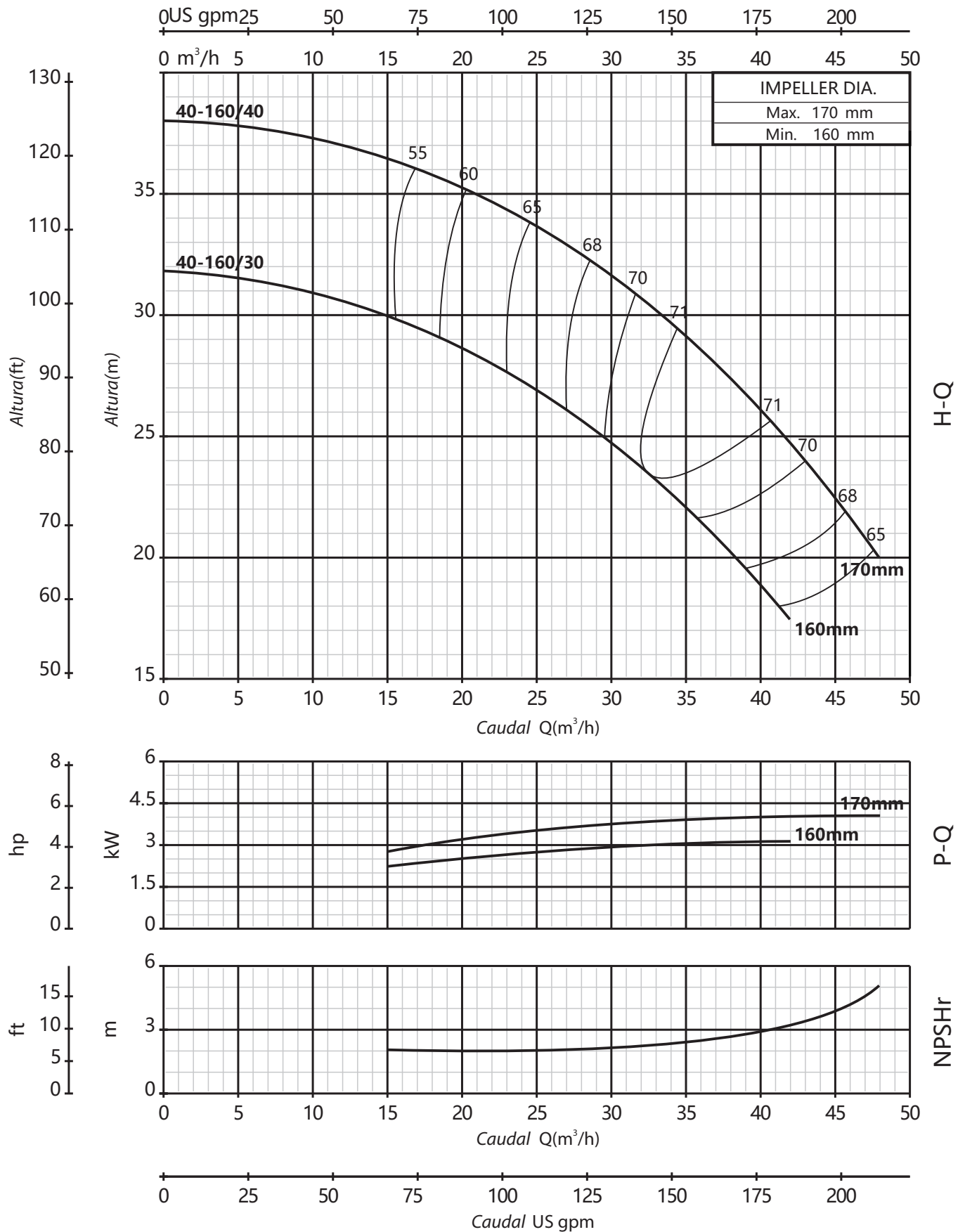
40-125

2900rpm



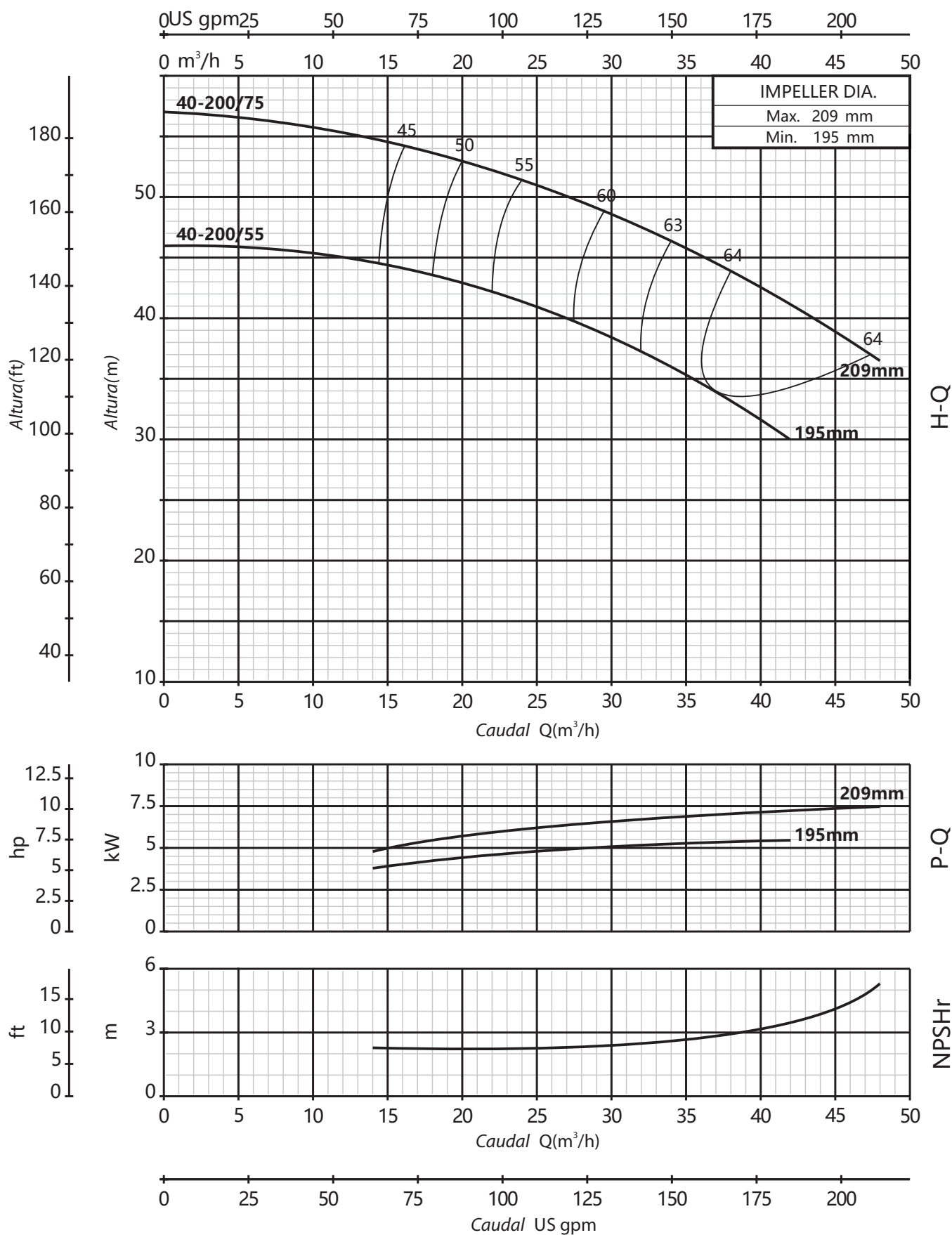
40-160

2900rpm



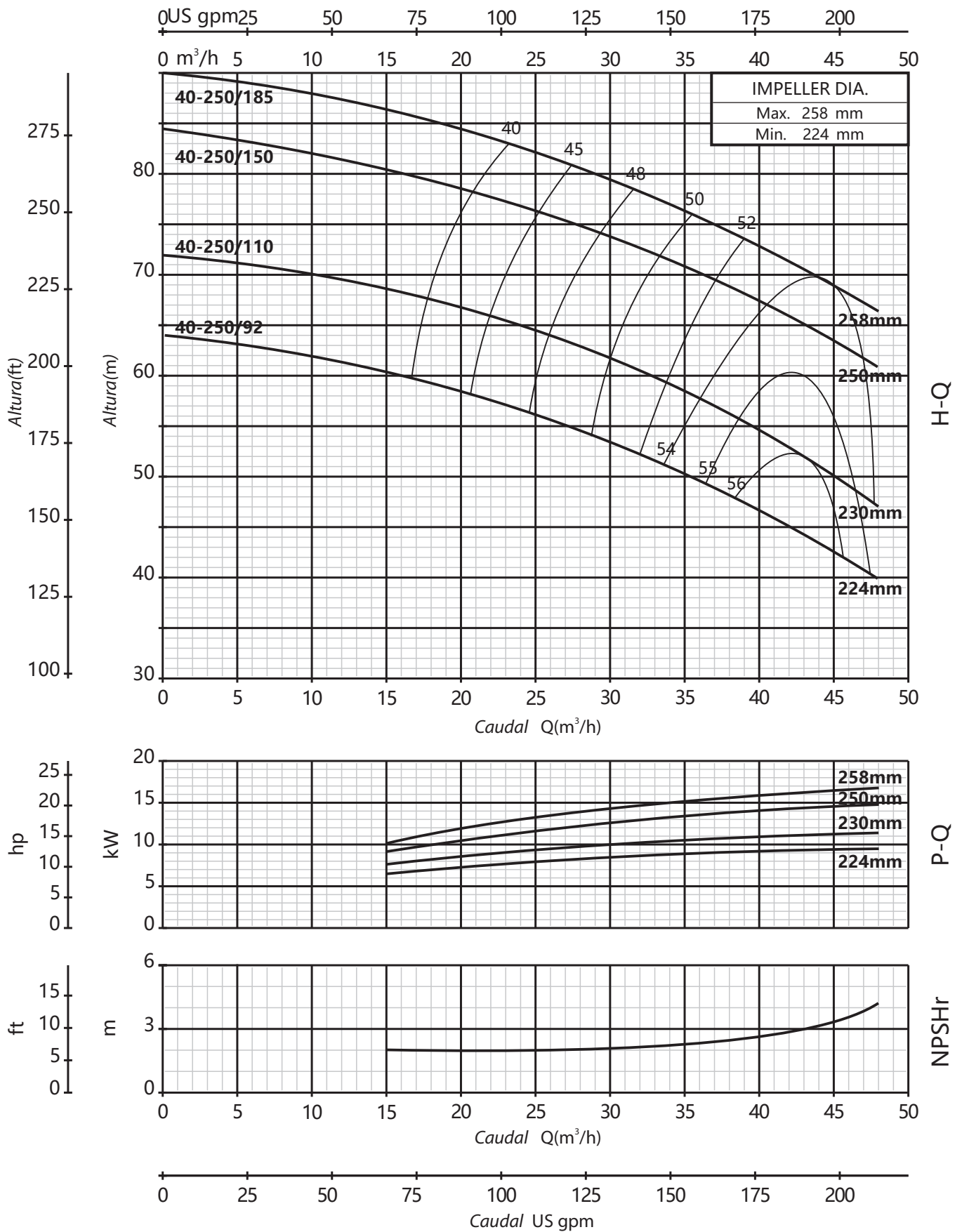
40-200

2900rpm



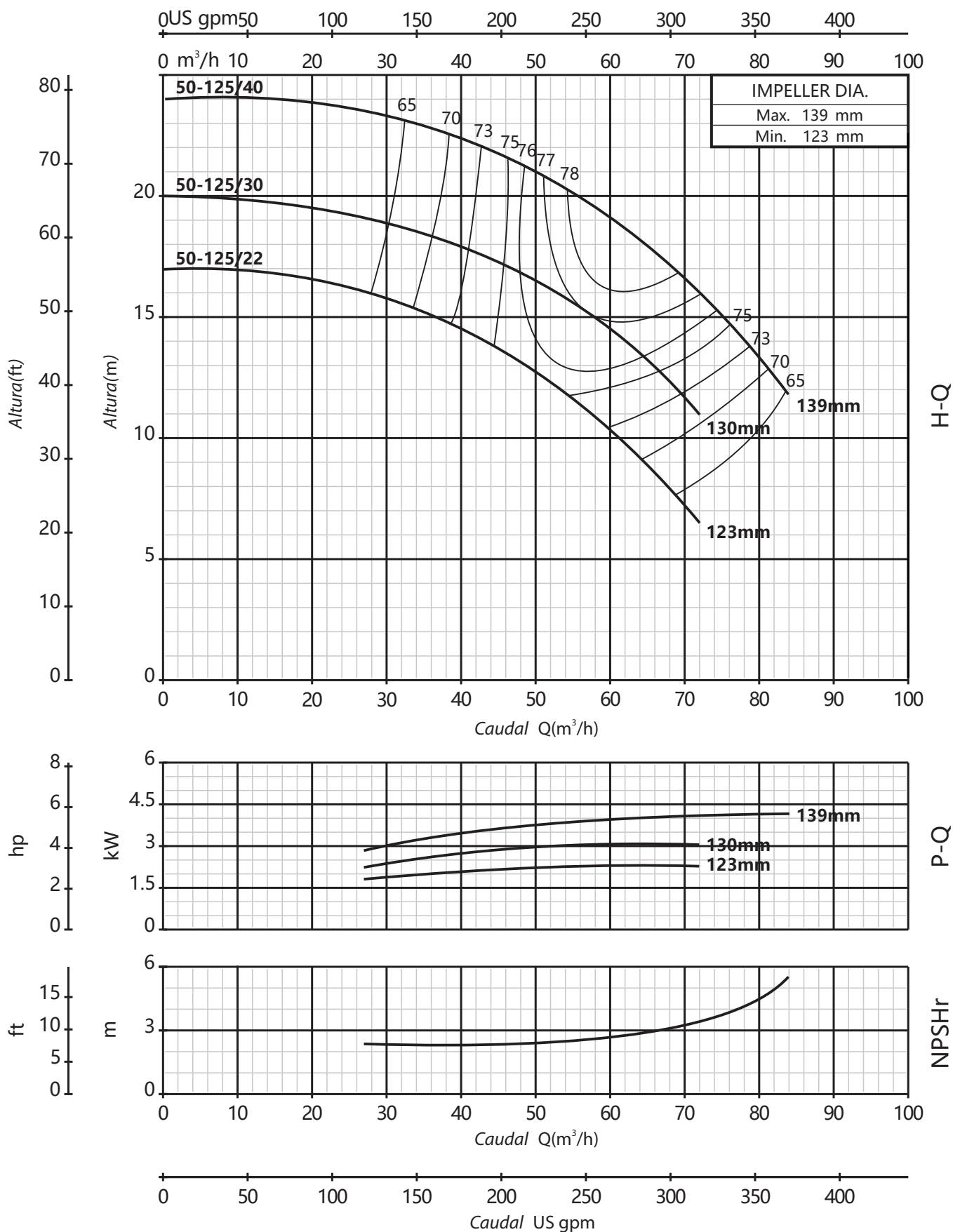
40-250

2900rpm



50-125

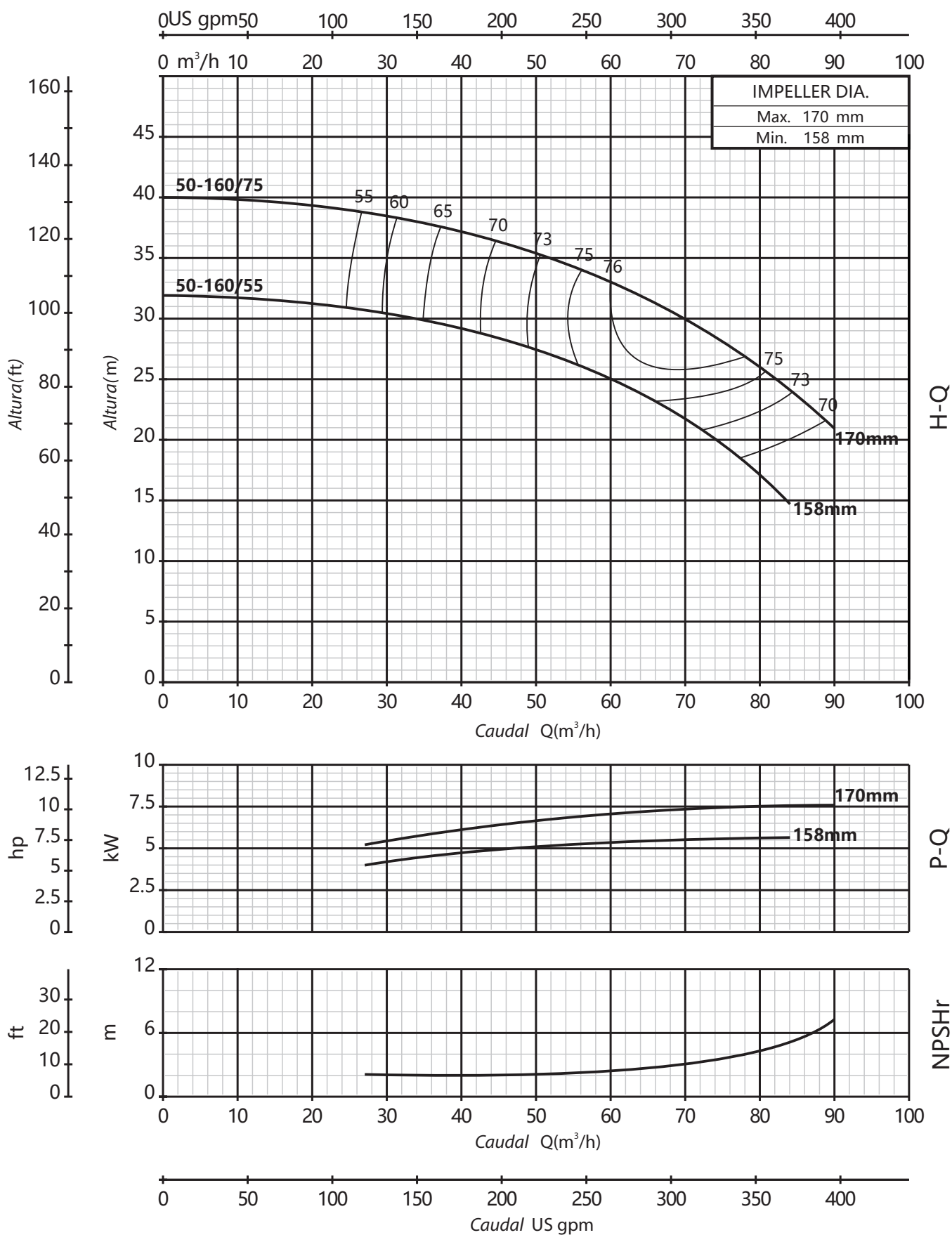
2900rpm



CURVA DE RENDIMIENTO

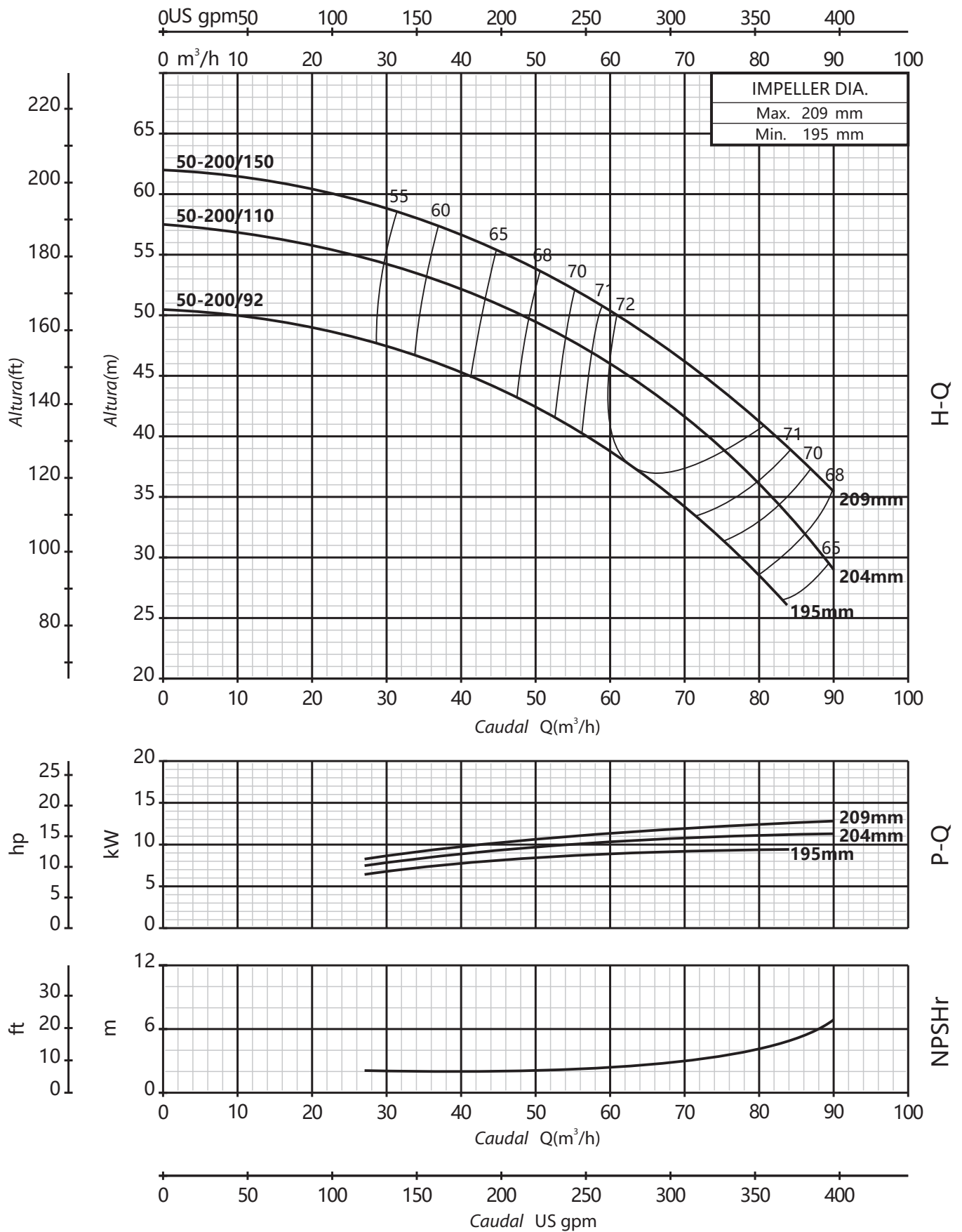
50-160

2900rpm



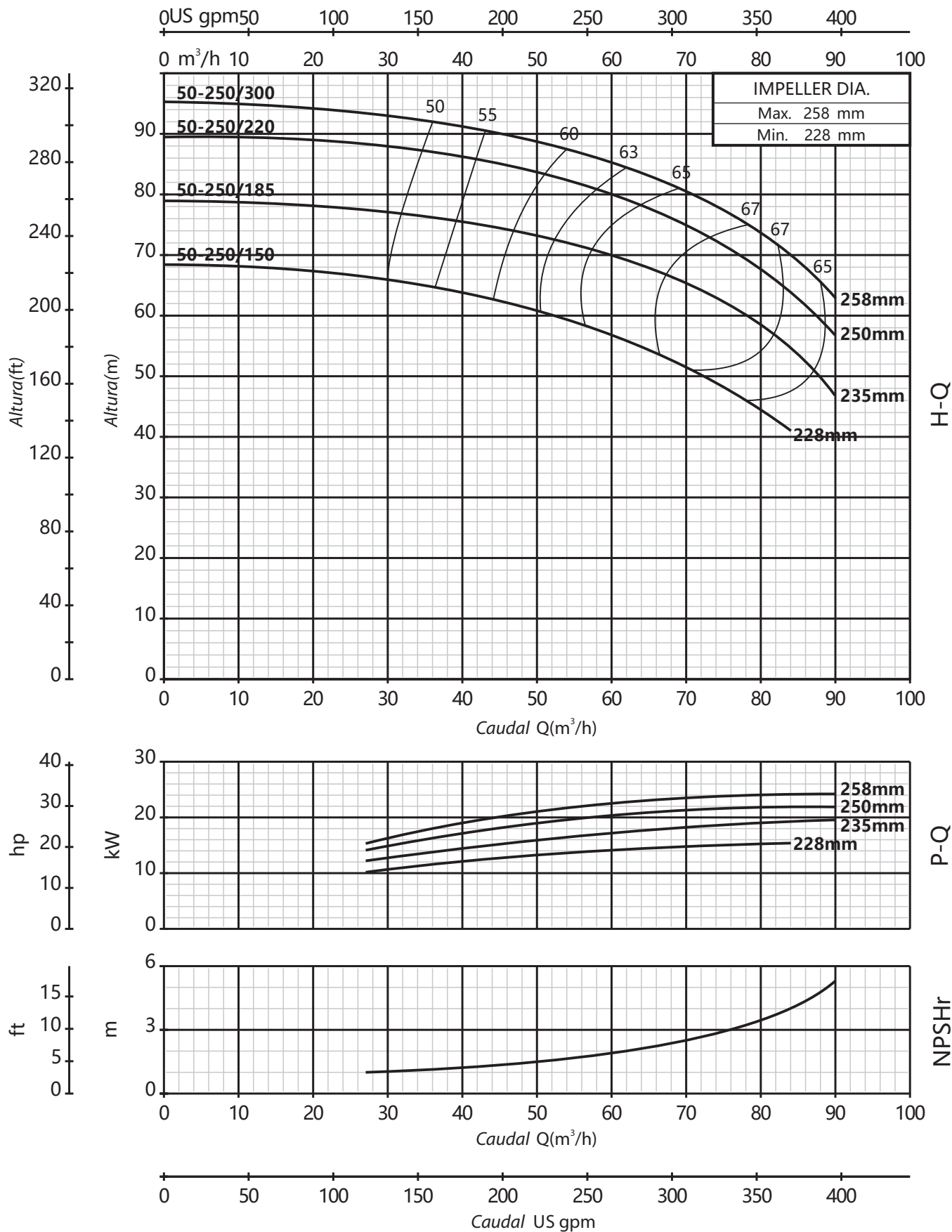
50-200

2900rpm



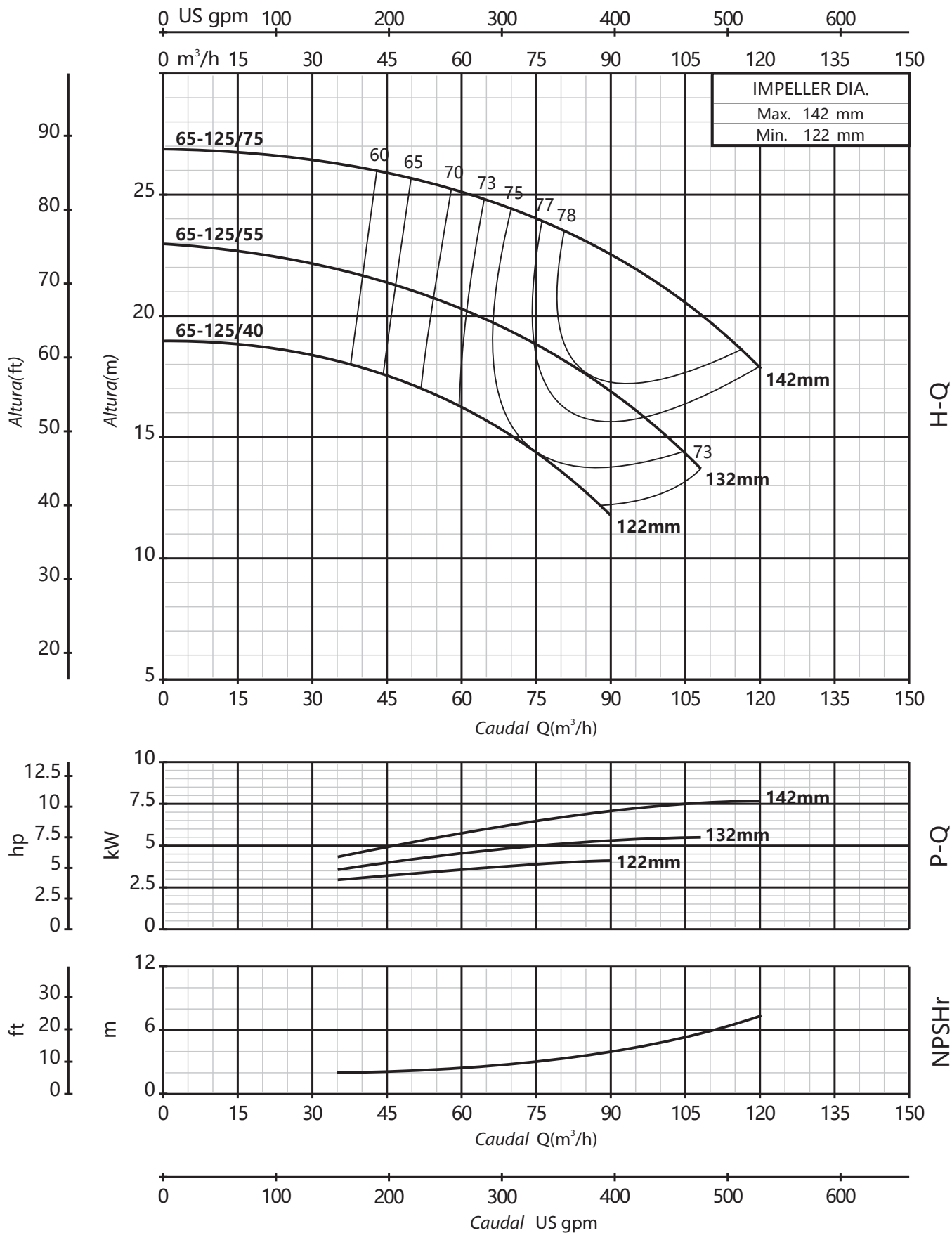
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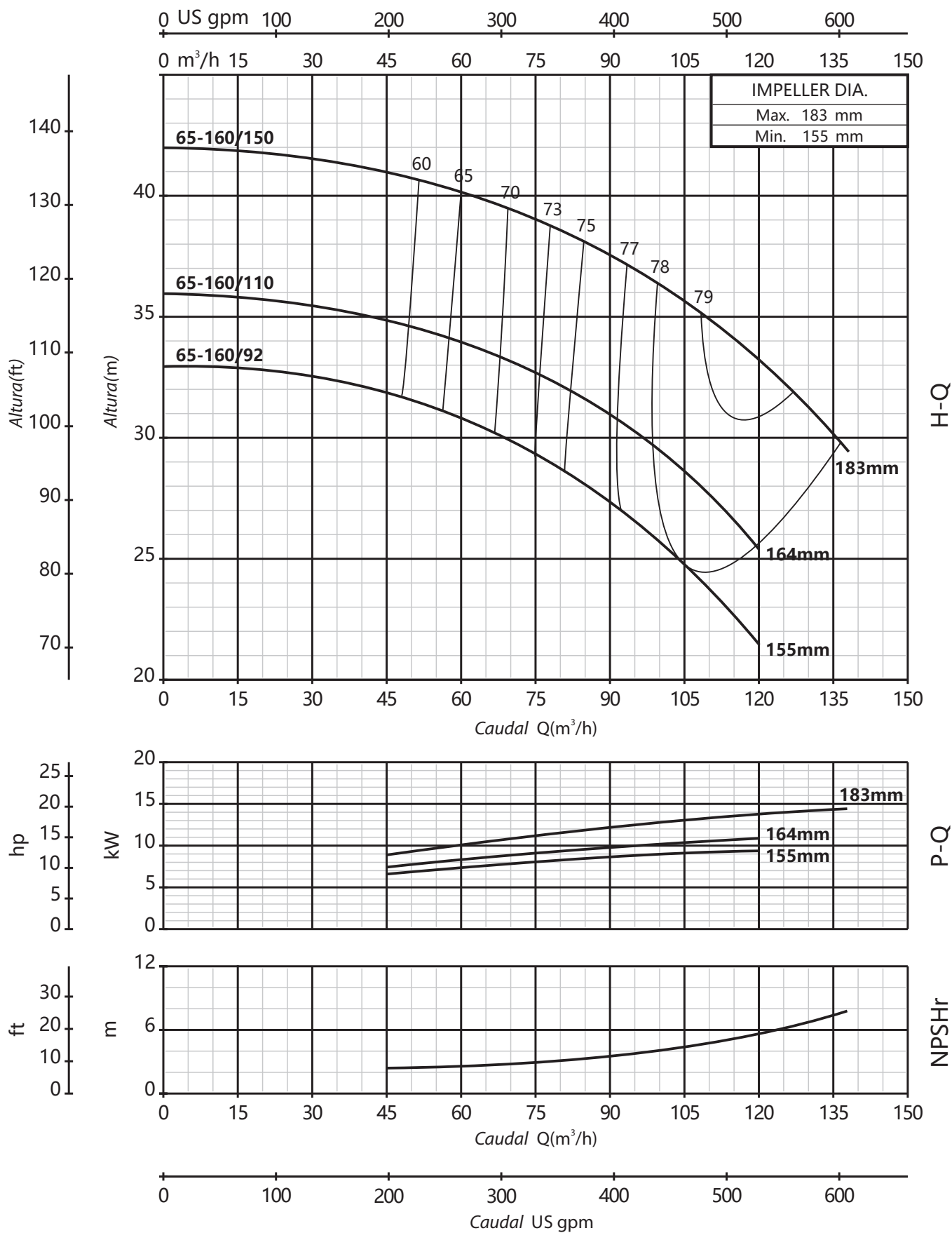
2900rpm



65-125

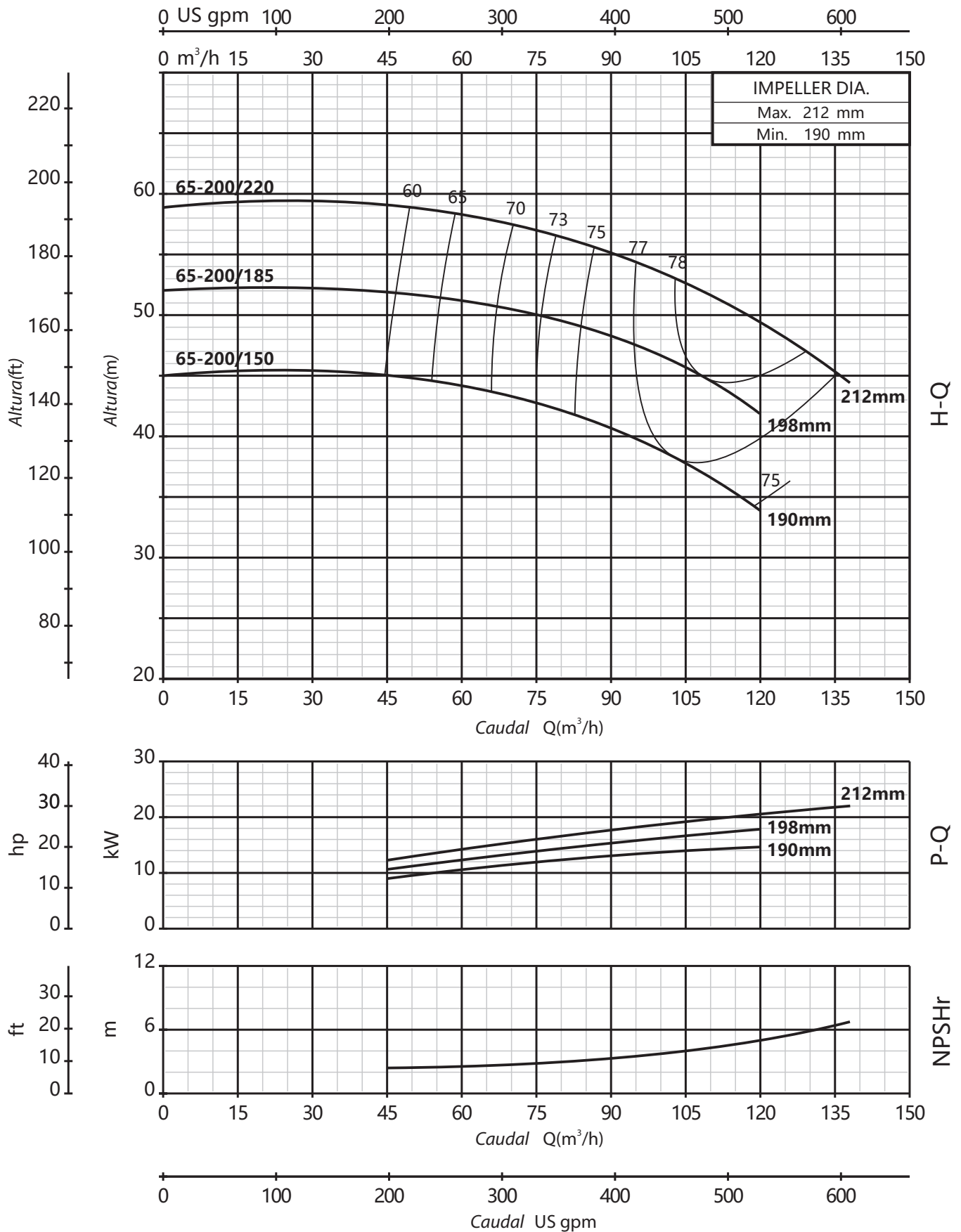
2900rpm



65-160**2900rpm**

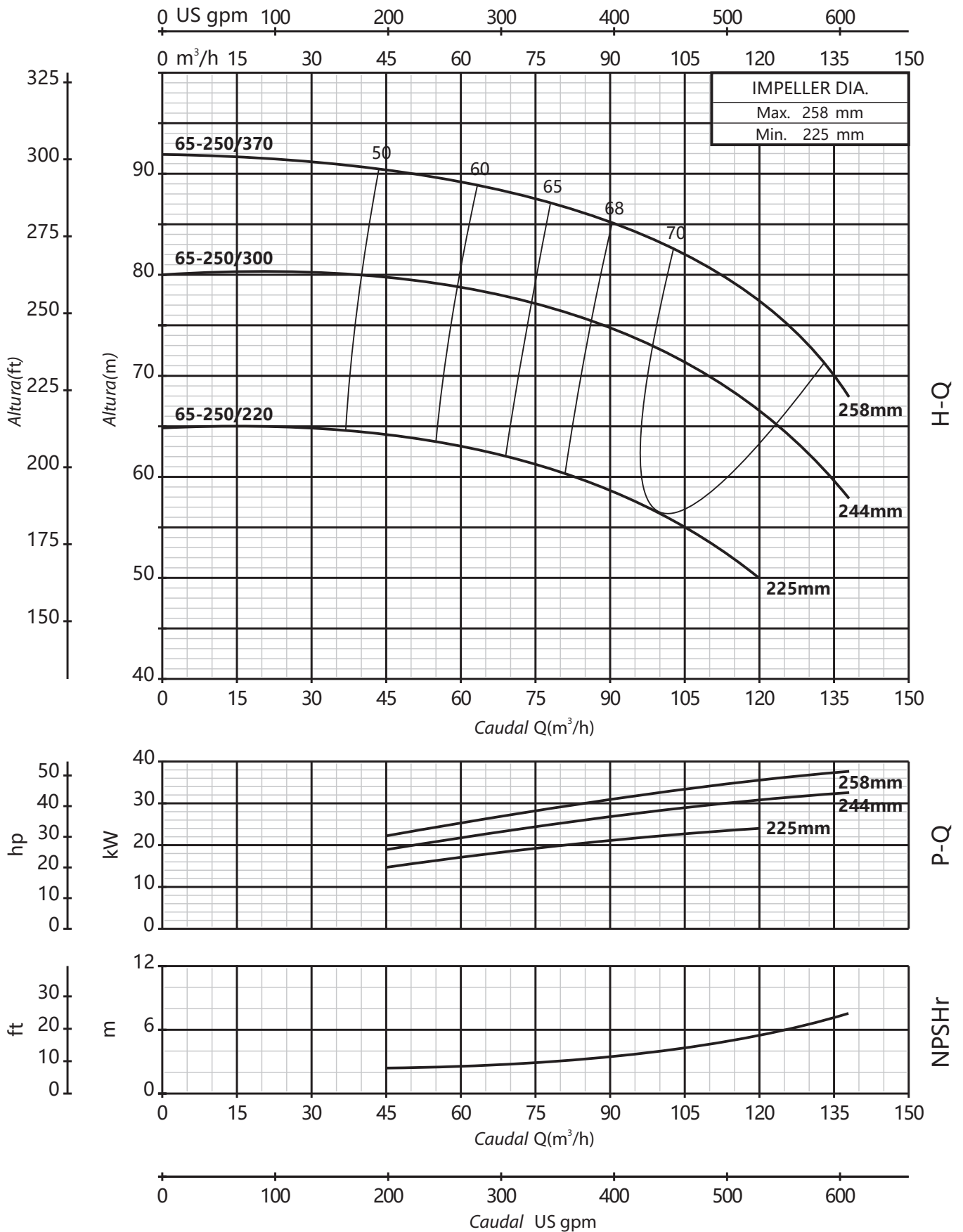
65-200

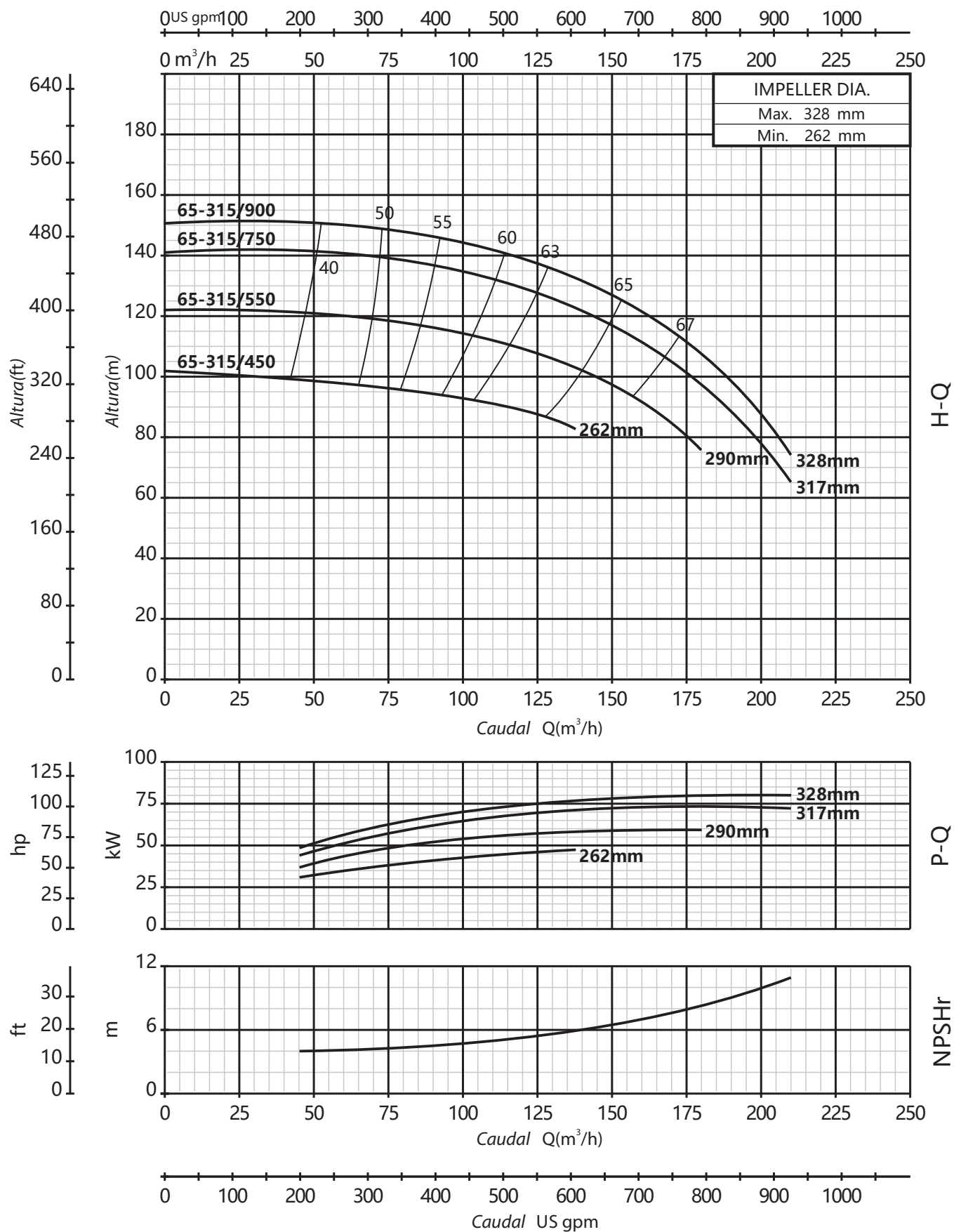
2900rpm

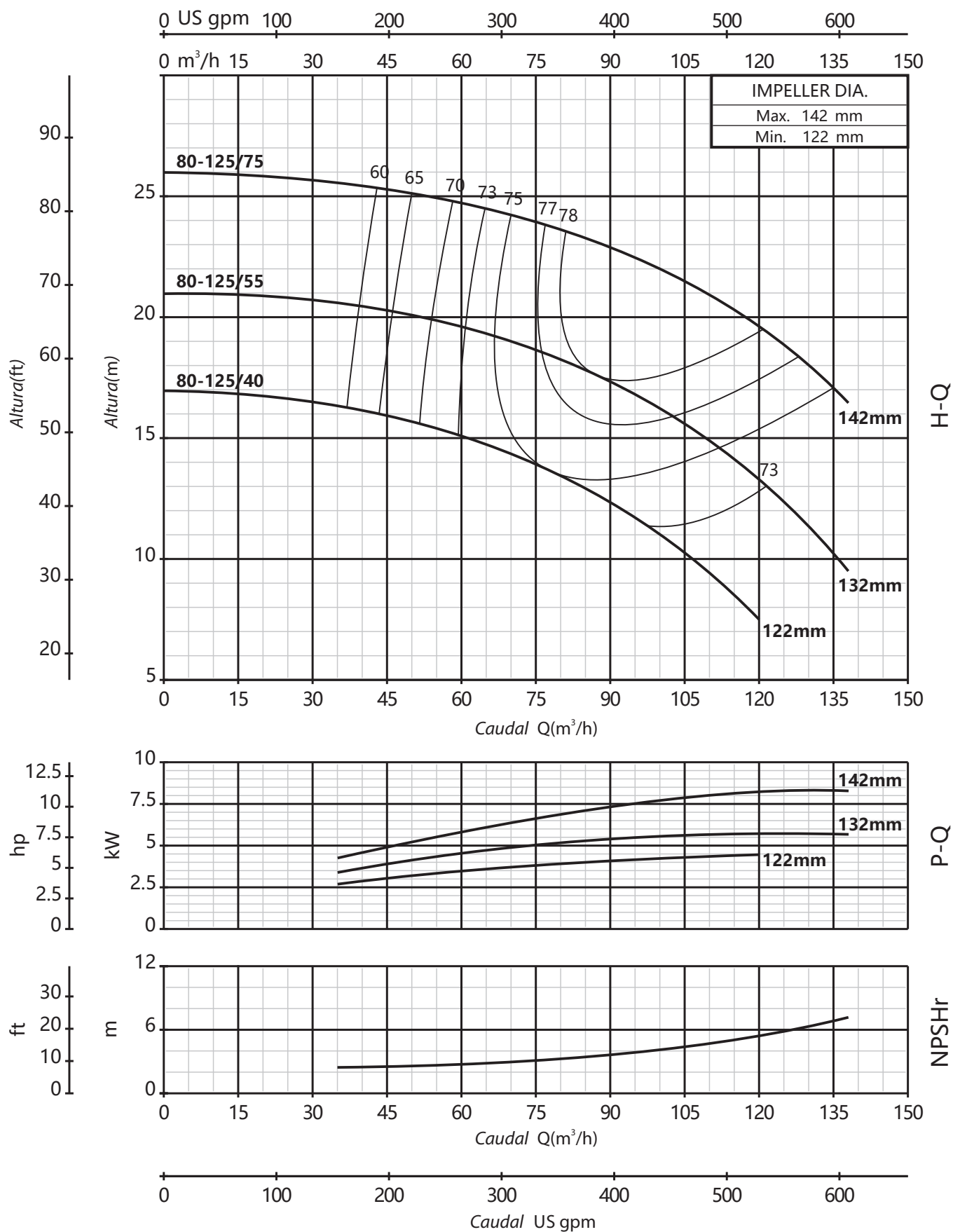


65-250

2900rpm

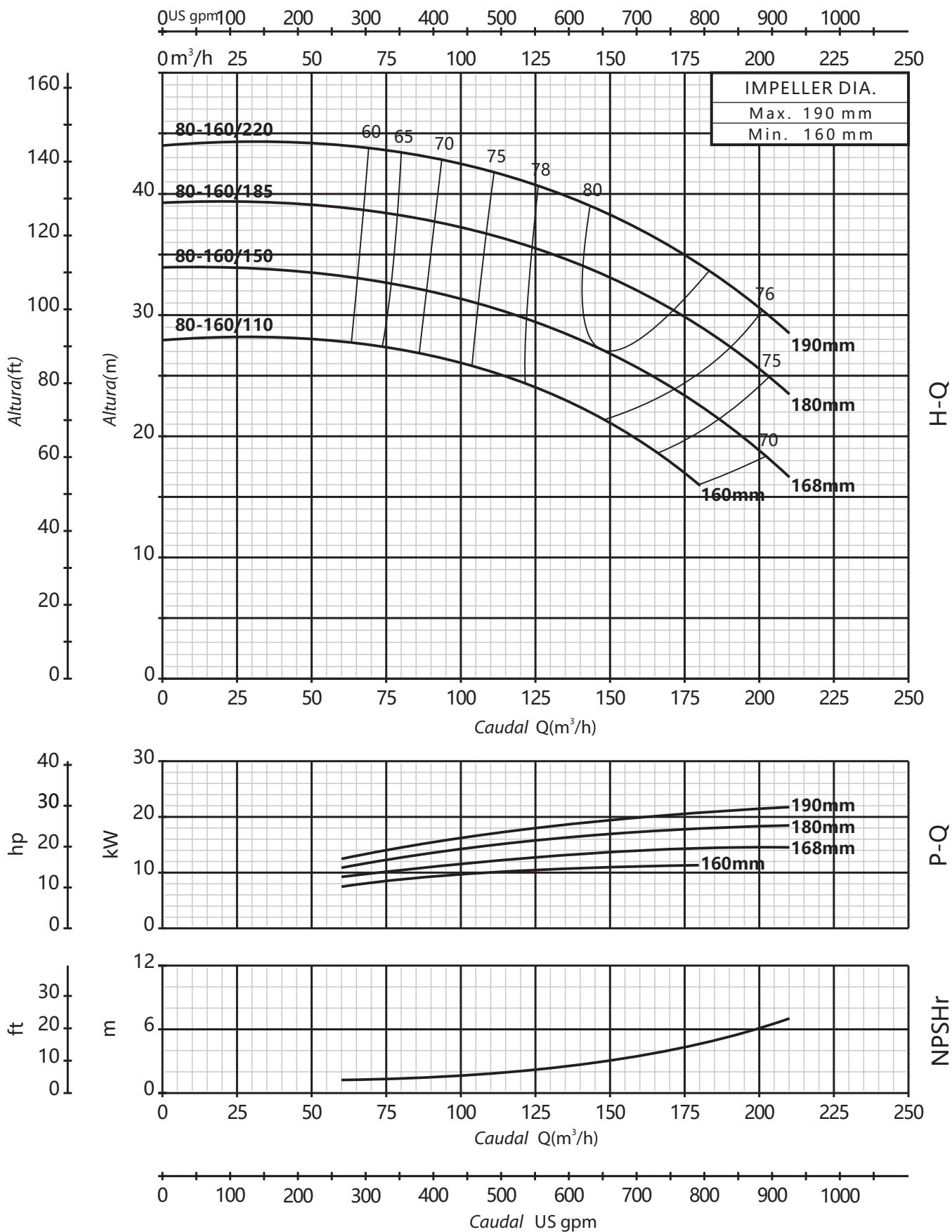


65-315**2900rpm**

80-125**2900rpm**

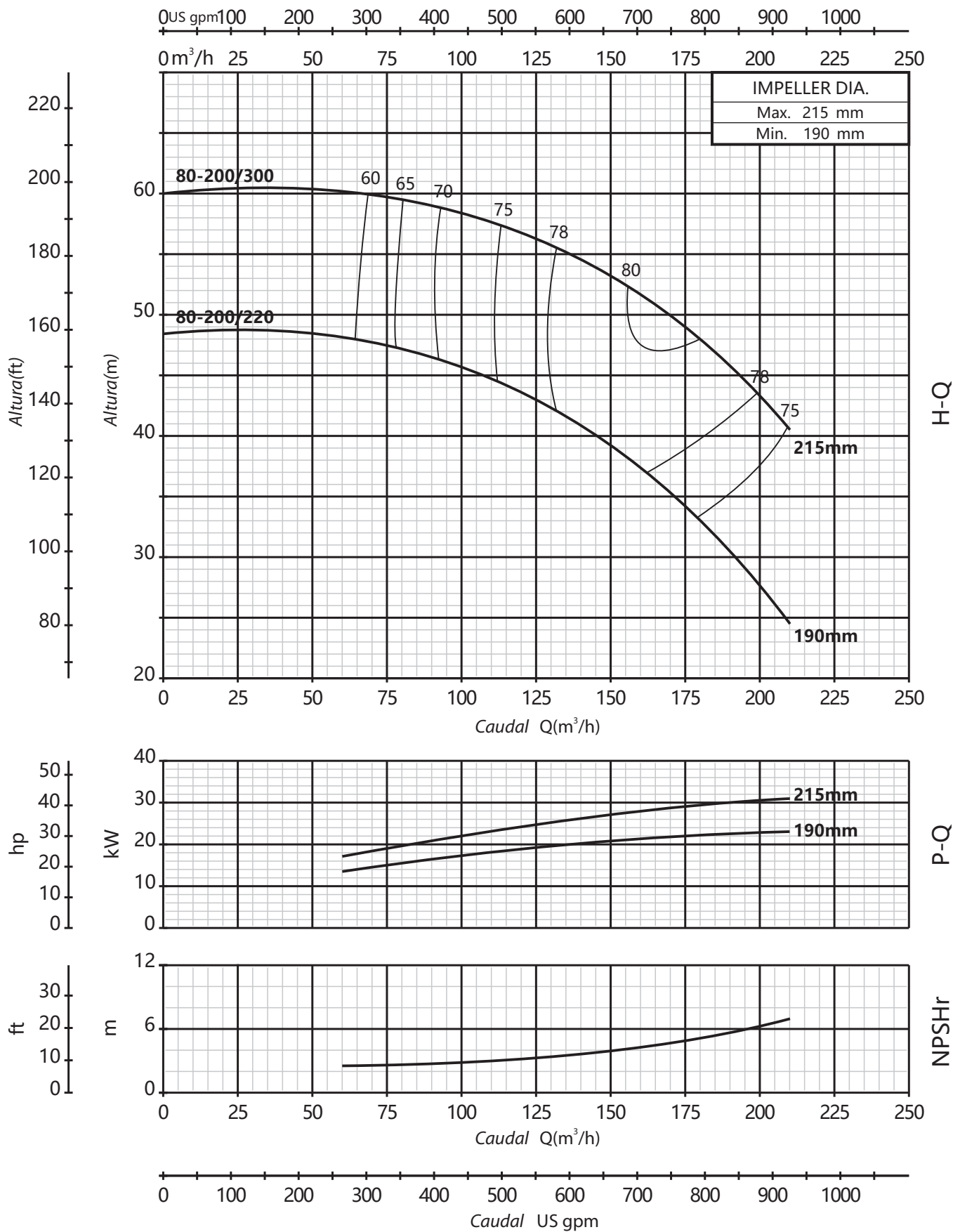
80-160

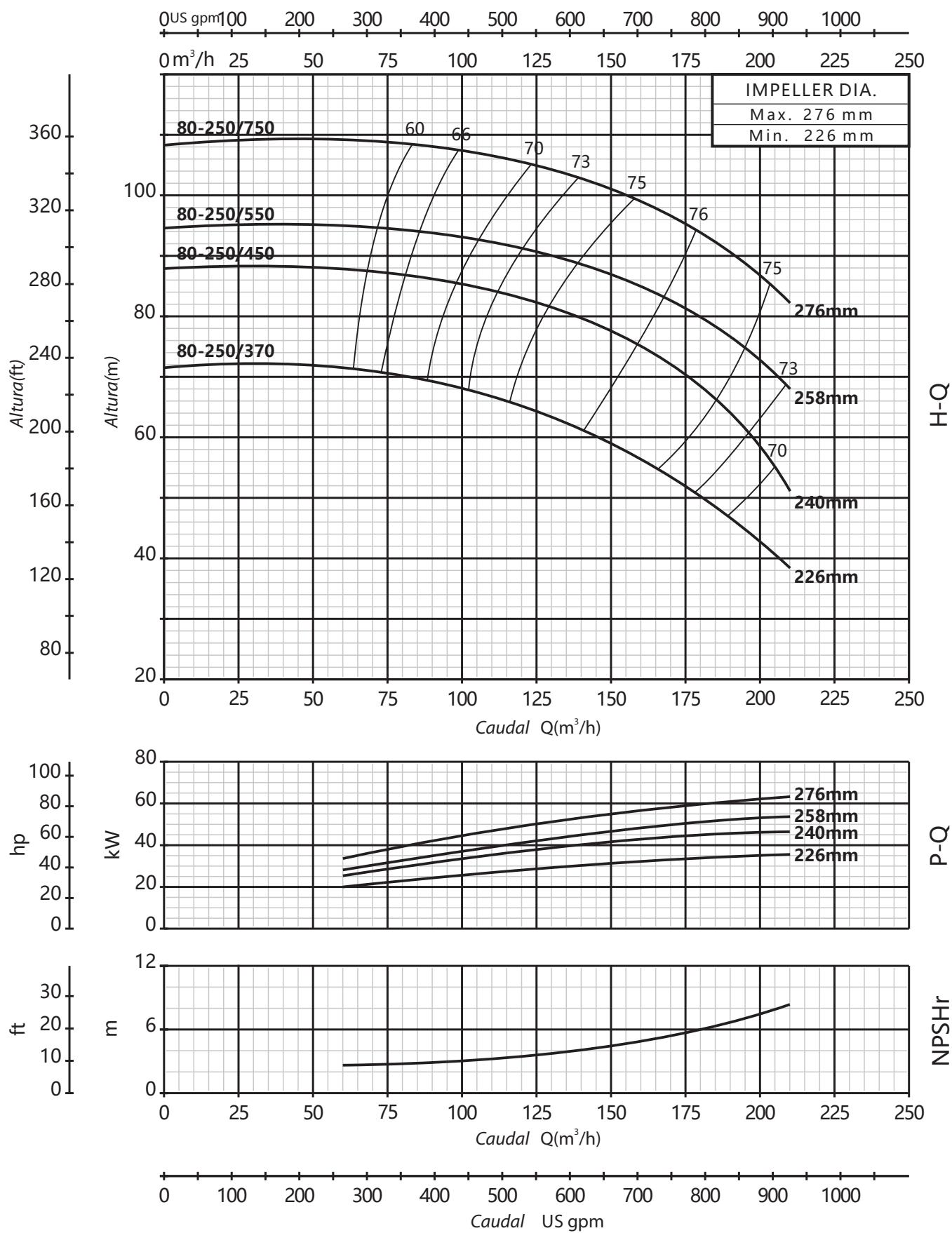
2900rpm



80-200

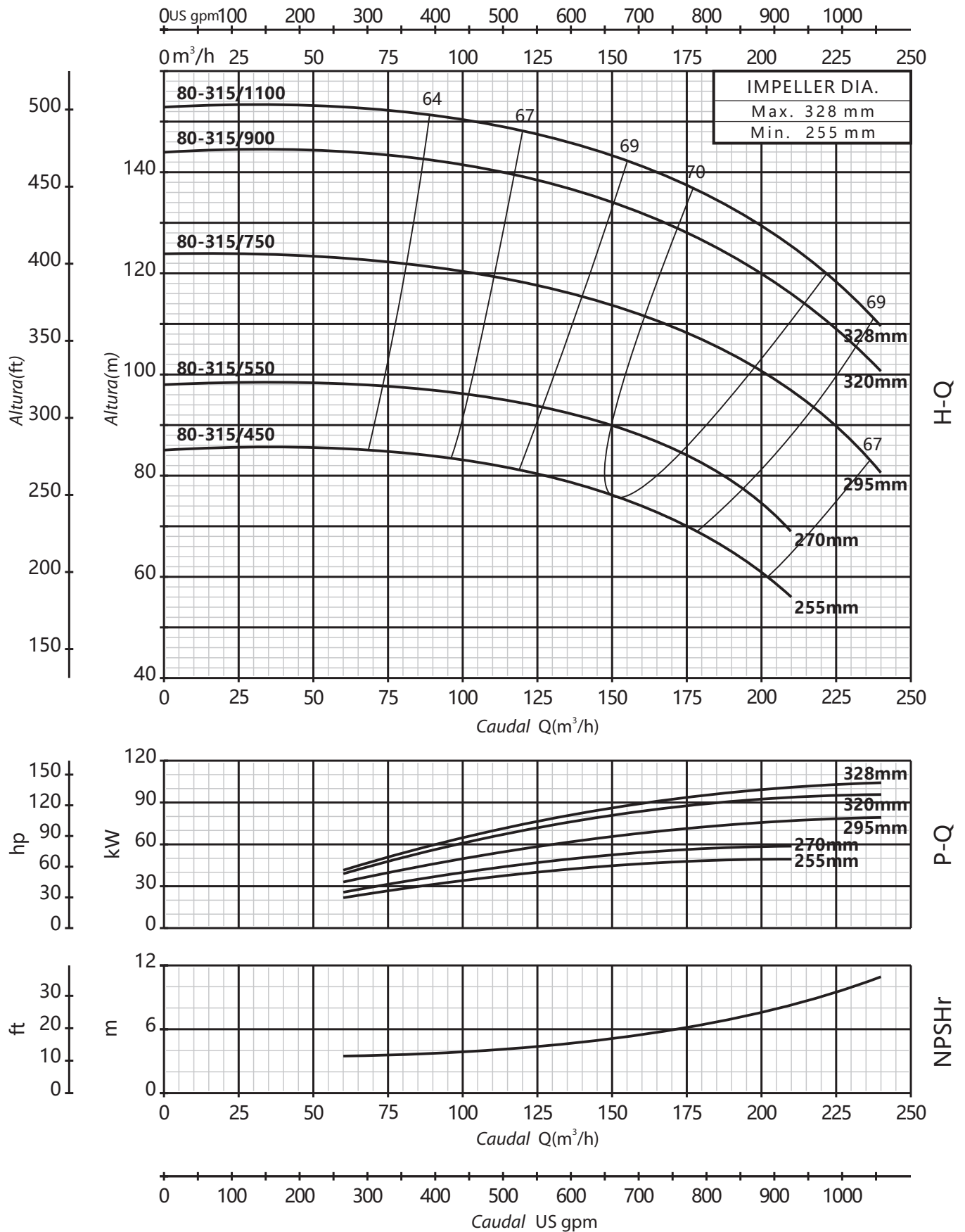
2900rpm



80-250**2900rpm**

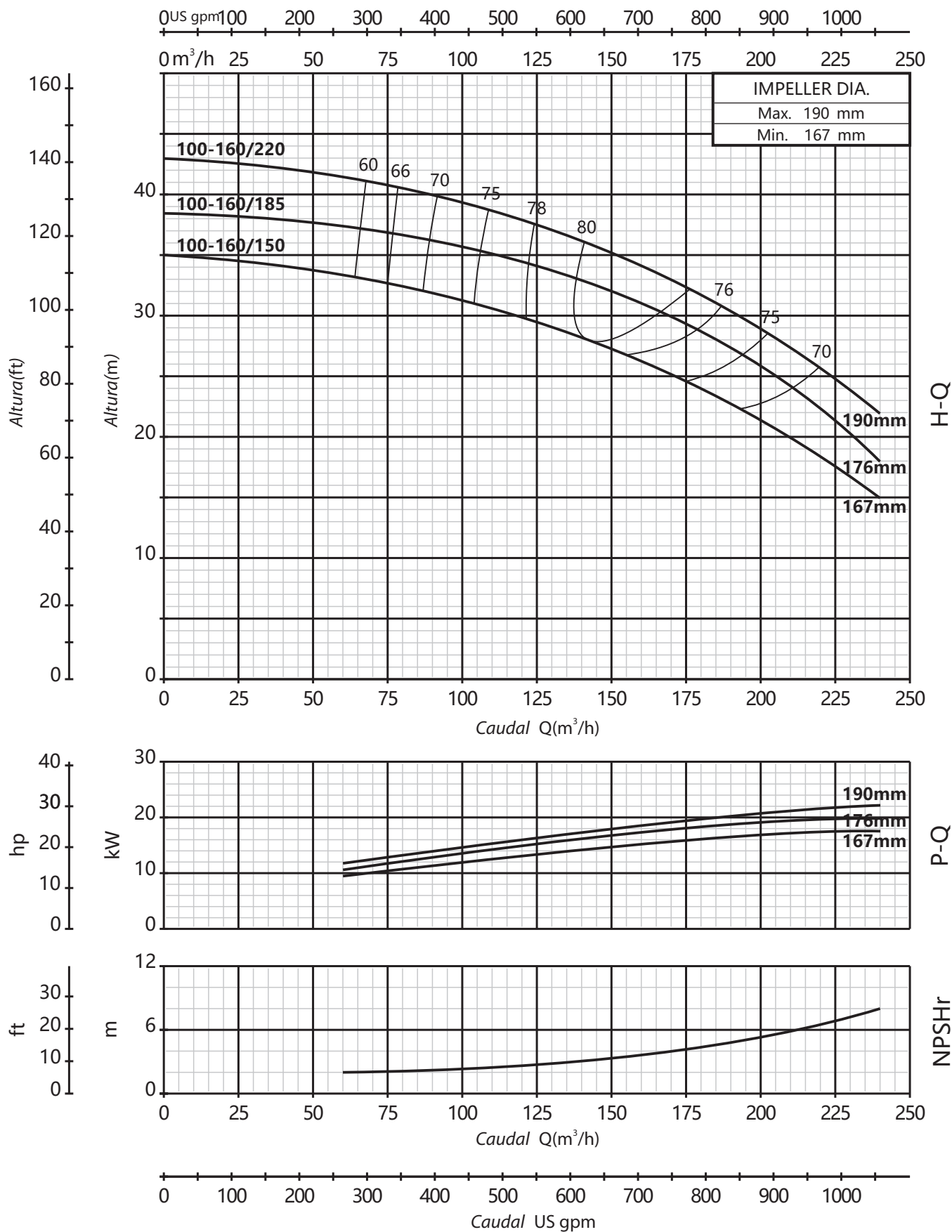
80-315

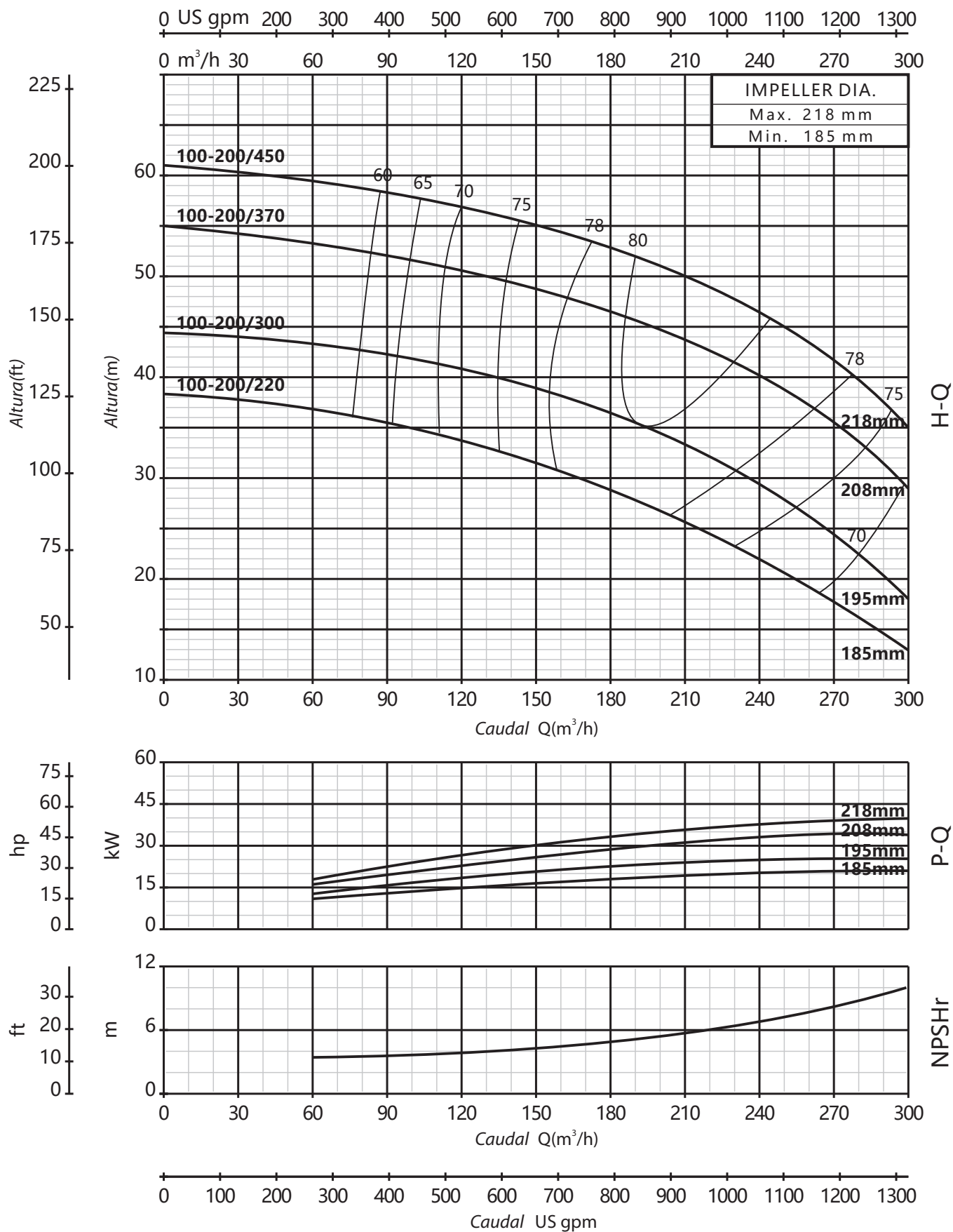
2900rpm

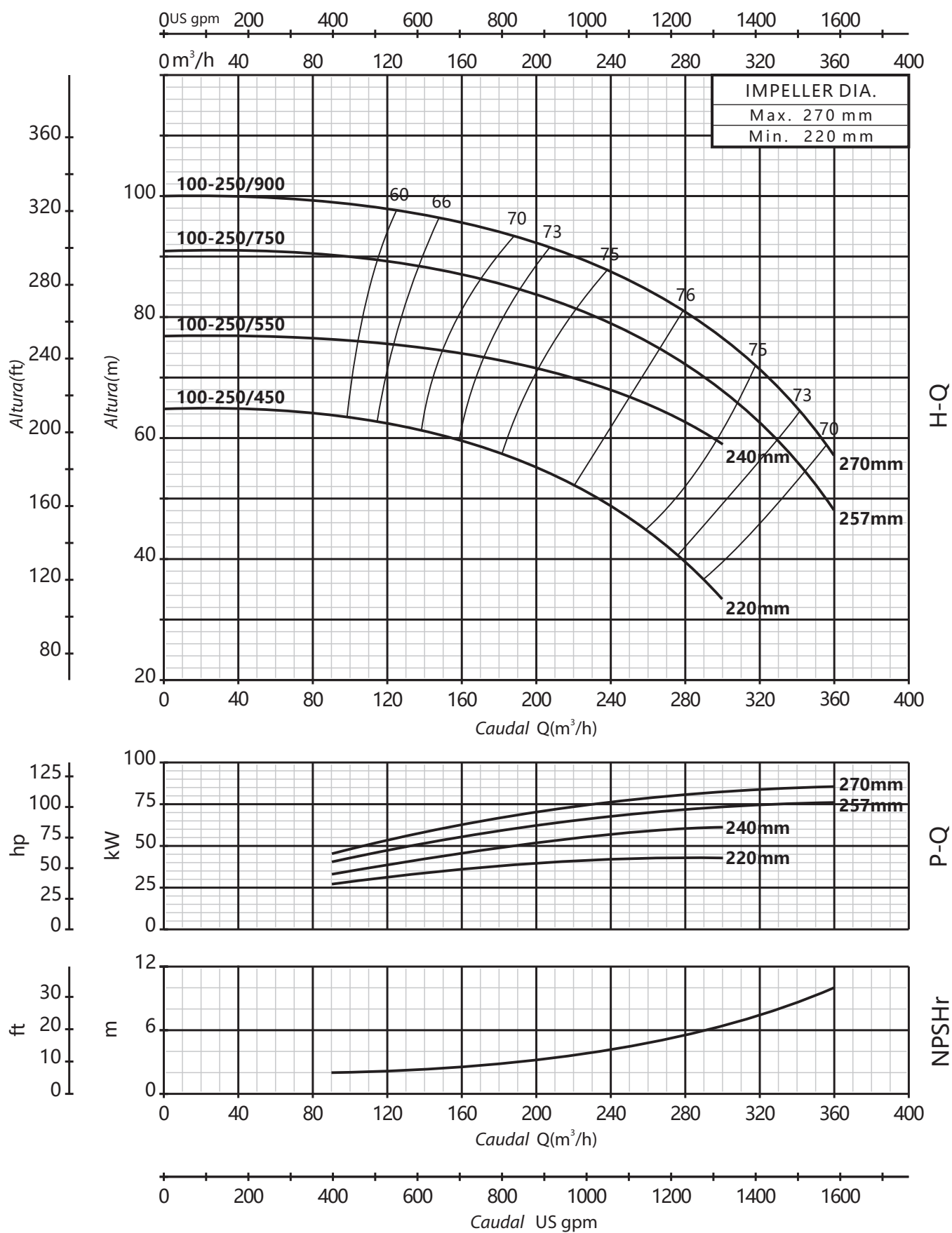


100-160

2900rpm

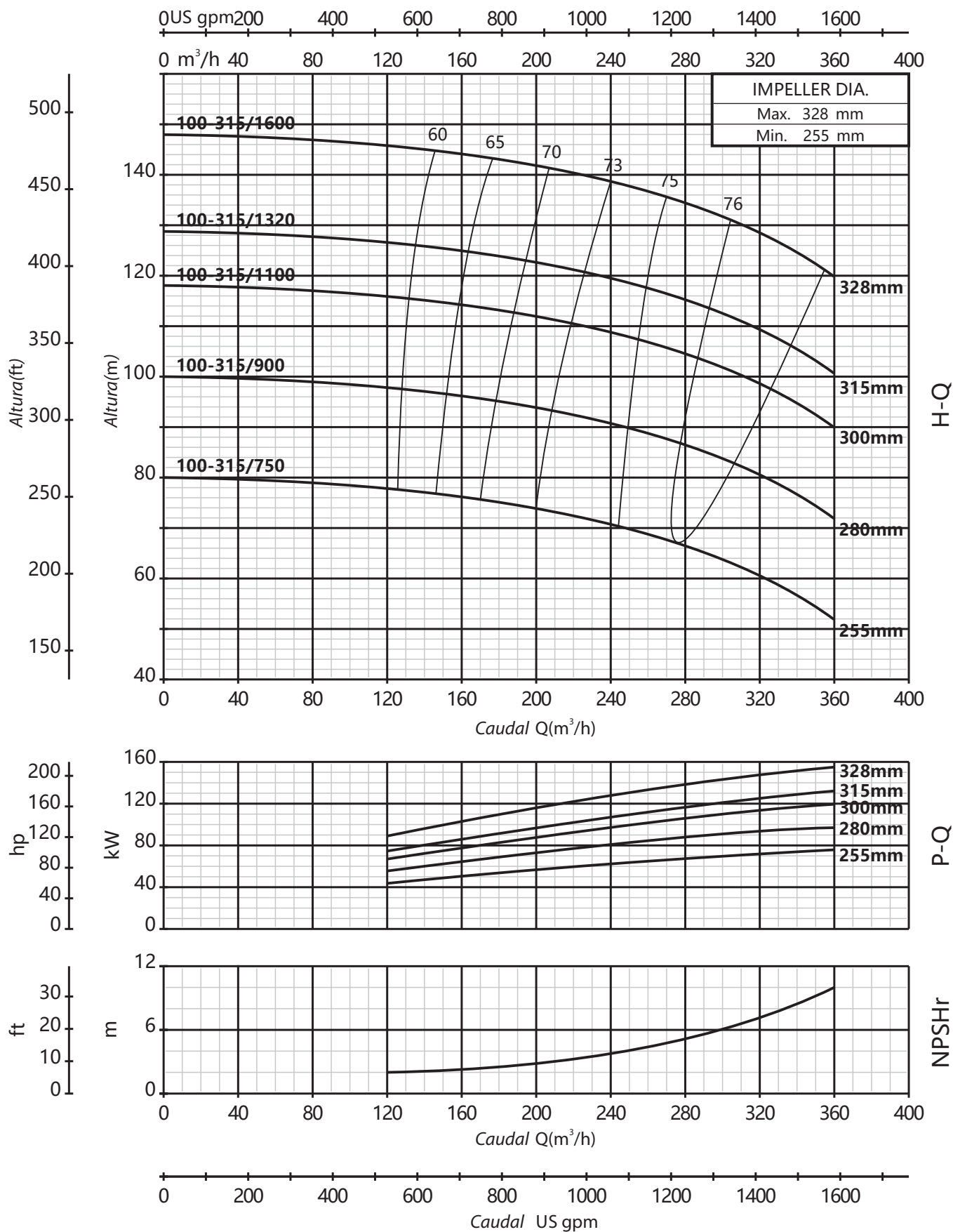


100-200**2900rpm**

100-250**2900rpm**

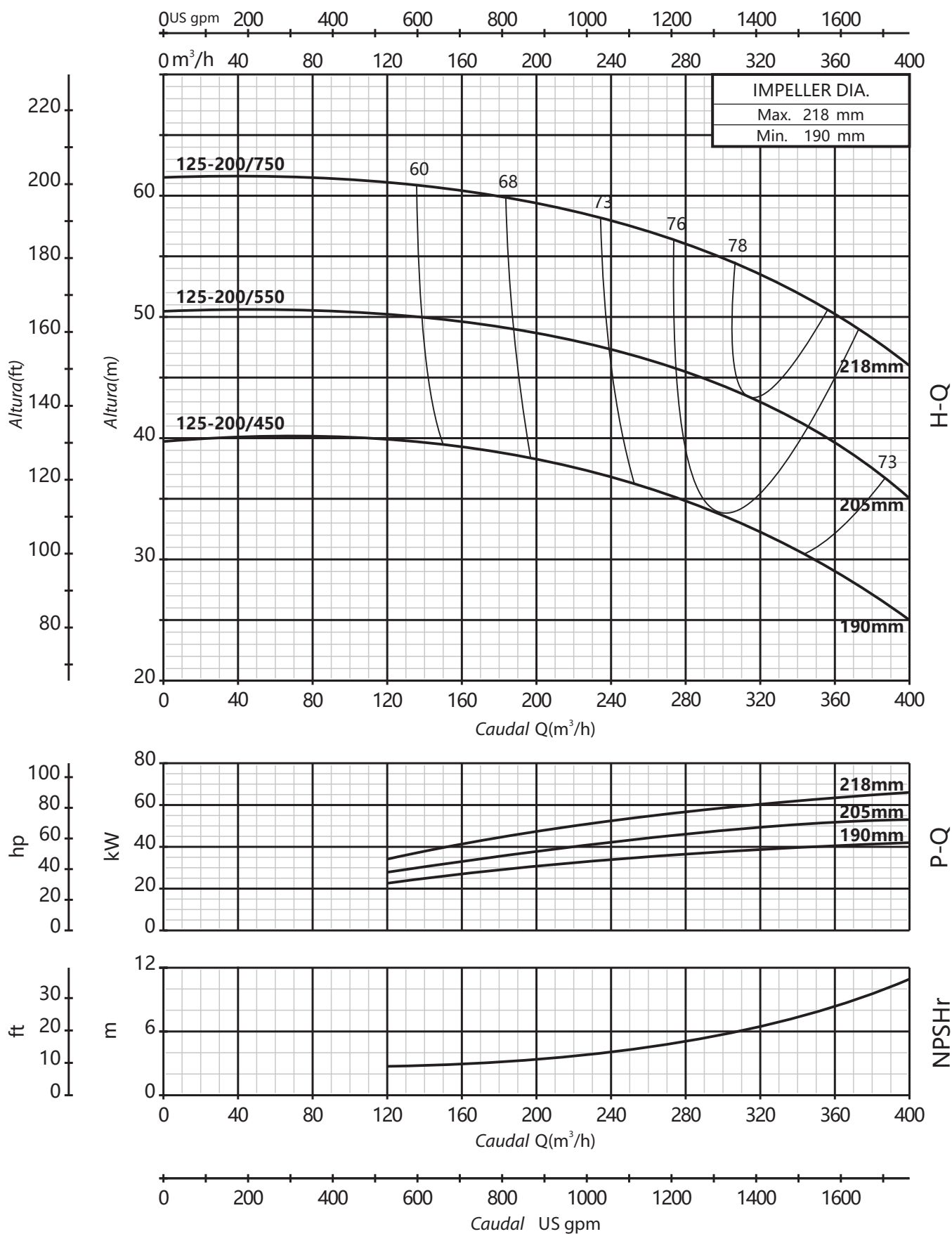
100-315

2900rpm



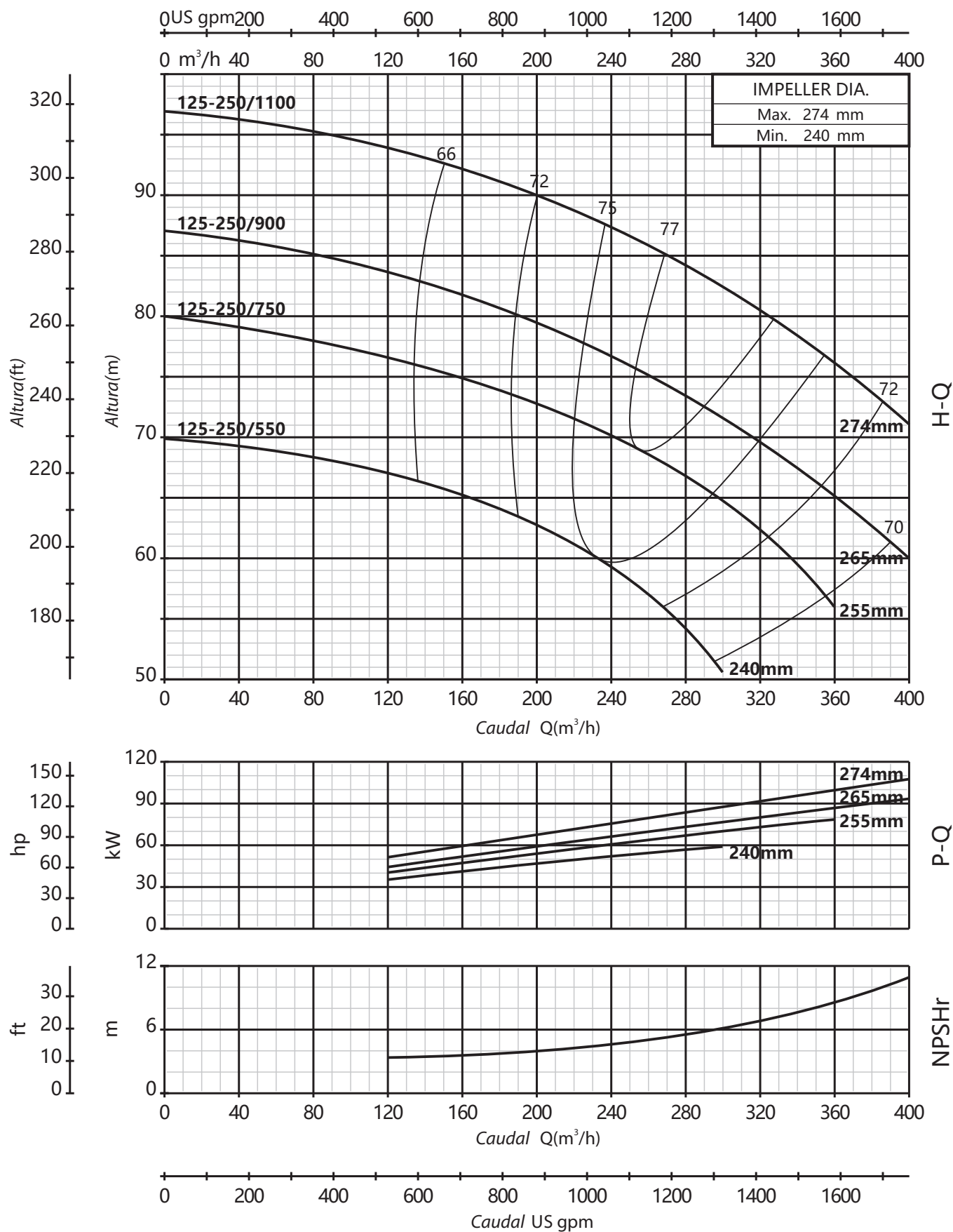
125-200

2900rpm



125-250

2900rpm





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