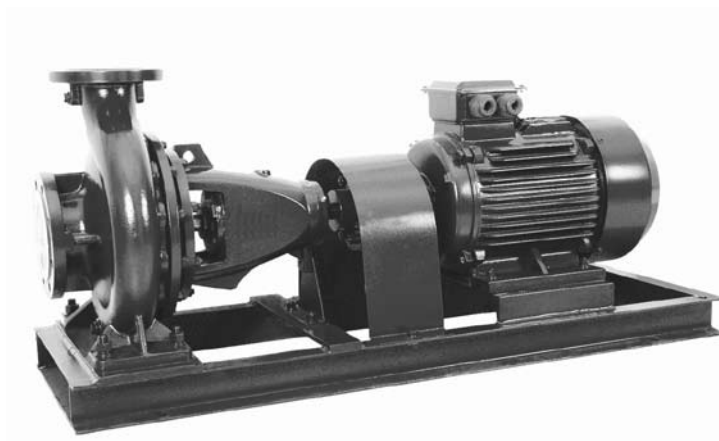




ND
Horizontal End Suction
Pumps, 60Hz

Approvals

IEC		IECEE CB SCHEME		CB TEST CERTIFICATE		Ref. Certificate No. CH-5876	
IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME							
Issued by:	Electrosuisse						
Product:	Horizontal and vertical multistage pump						
Applicant:	Swiss Pump Company AG	Mosweg 36 CH-3645 Gwall (Thun)	Switzerland				
Manufacturer:	Swiss Pump Company AG	Mosweg 36 CH-3645 Gwall (Thun)	Switzerland				
Factory:	Swiss Pump Company AG	Mosweg 36 CH-3645 Gwall (Thun)	Switzerland				
Rating and principal characteristics:	3 x 350 - 377048 - 480V~, 50/60Hz; 220-230V~, 50/60Hz; 127-230-240V~, 60Hz; class I, IP55						
Trade mark (if any):	Swiss Pump Company AG (SPCO)						
Model/Type reference:	HM..., CH..., VM..., CD..., ND..., CC..., PD..., MB..., QB..., SMF..., CCP..., SCP..., see appendix type list in test report						
Additional information:	---						
Sample of product tested to be in conformity with IEC:	60335-1ed4:am1,am2 60335-2-41ed3:am1,am2		National differences: EU Group Differences; EU Special National Conditions; EU A-Deviations				
Test Report Ref. No.:	06-HQ-0218.01 + .02 + .03 + .05						
This CB Test Certificate is issued by the National Certification Body: Electrosuisse Luppenstrasse 1, CH-8320 Fehraltorf Signed by: Erich Christ 2019-07-27							
						electrosuisse	
						page 1 of 1	



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End-suction centrifugal Pumps

Non-self-priming single-stage centrifugal volute pump With axial suction port, radial discharge port and horizontal shaft components.

The ND pumps have dimensions and nominal performances according to DIN 24 255 (10 bar) but are designed for 16 bar operation wherever the shaft seal type allows it.

ND pumps according to DIN 24 256 (16 bar) are available on request.

For a pump of the same model, the performance can be changed by trimming the outer diameter of the impeller.

Only four shafts are required to cover the total range, and this gives many common interchangeable parts for pumps fitted to the same shaft. Just like the shaft, the bearing house has only five sizes for the whole series.

The pump has a back pull-out design, and when a suitable spacer coupling is fitted to a direct coupled unit,

The casing and motor can remain in position while all other pump parts can be removed for simple and quick maintenance.

ND pump sets are comprised of ND pump and standard electric motor which are connected by coupling and mounted on a steel metal base.

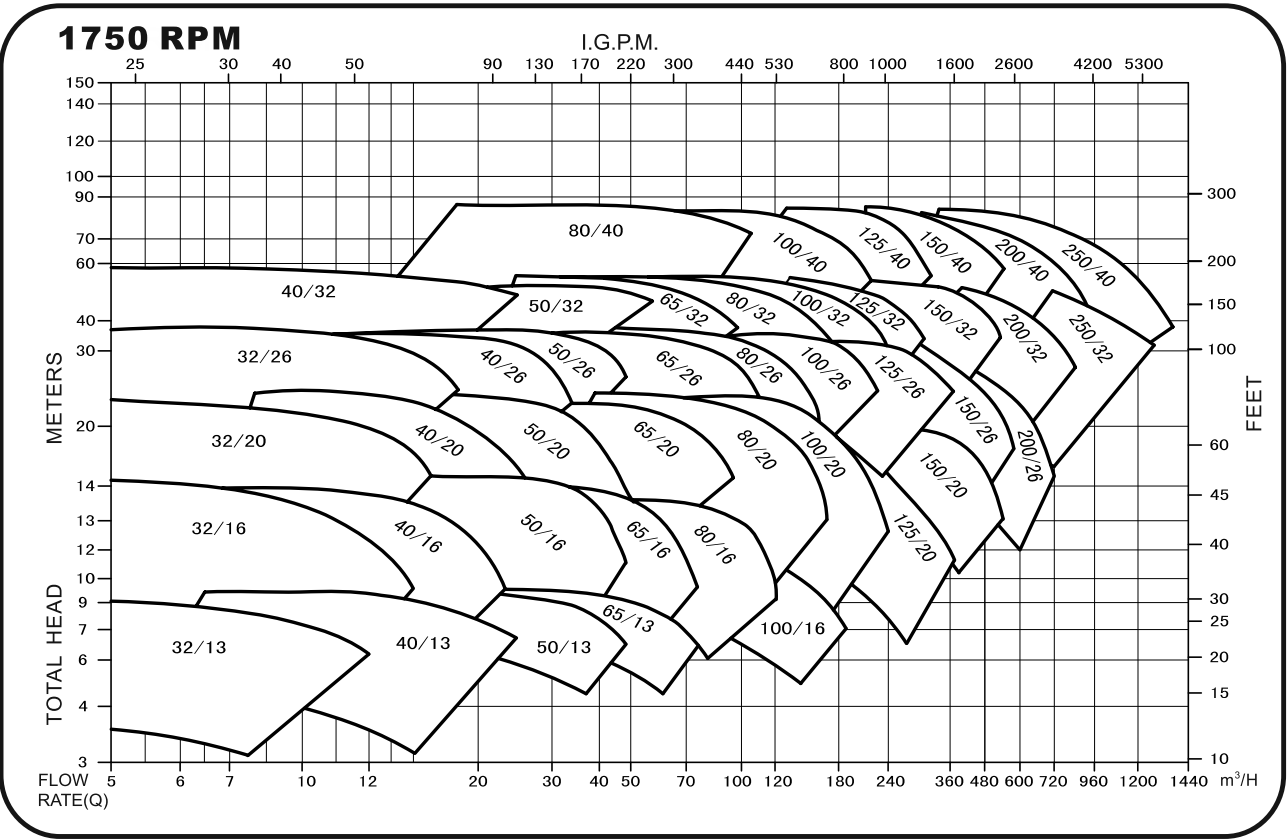
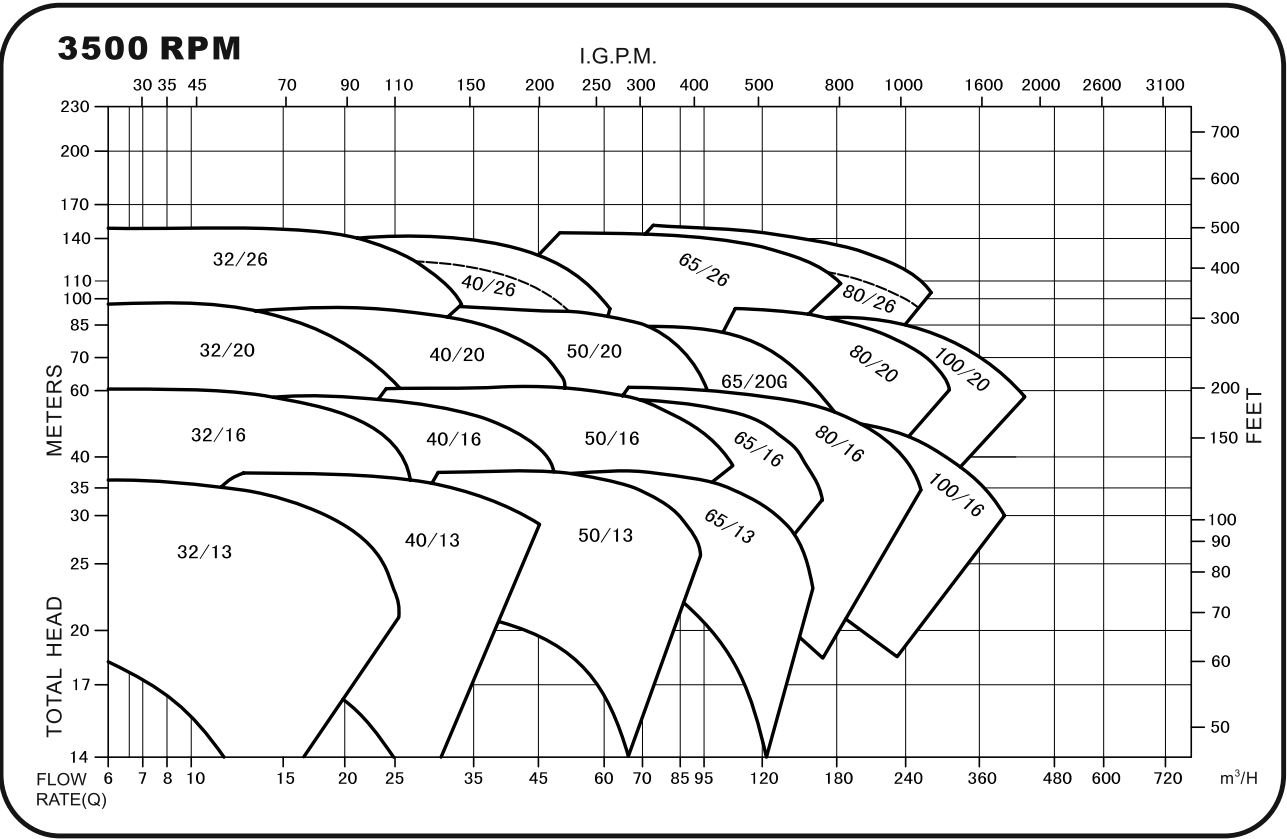
The advantage is that we could easily select the motor and couple to the ND pump.

The coupling adopts the flexible pin and bush design, which makes the pump set more stable with minimal vibration and longer life-span as compared to the 'claw-type' coupling.

The steel metal base is joined by profiled steel bar for strength. Fitting surface where the pump and motor foots seated, are lapped by machine with high precision.

The coupling guard is designed to cover the coupling to provide greater safety and security.

Performance Ranges



Applications

The pump is suitable for the pumping of thin, clean and non-aggressive liquids without solids particles or fibers in:

- District heating
- Water supply
- Air conditioning
- Cooling plants
- Industry
- Fire fighting
- Environment engineering

Operating Condition

Flow Rate(Q) : 2 to 1350m³/h

Head(H) : 3 to 150m

Speed : 1750, 3500 rpm (60Hz)

Temperature : -10°C to 85°C

(105-120C) optional

Using pressure: 10Bar standard, optional 16Bar

Design

Horizontal, Single-Stage Volute Casing pumps with dimensions and nominal ratings standard to DIN24255.

Type: End Suction Centrifugal, back pull-out

Flange: DIN2501 standard, ANSI B16.5 class 150Lb optional

Rotation: Clockwise as viewed from the drive side.

Material:

Casing: Cast Iron, Ductile Iron, Stainless Steel.

Impeller: Bronze, Cast Iron, Stainless Steel.

Shaft : SS 420 (Standard), SS 403, SS 316, SS1045

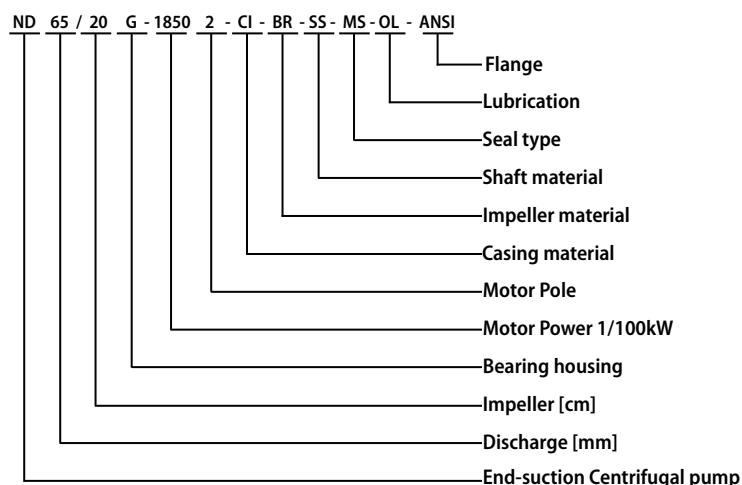
Shaft Seal: Mechanical Seal standard

Carbon-Ceramic / Viton (Standard)

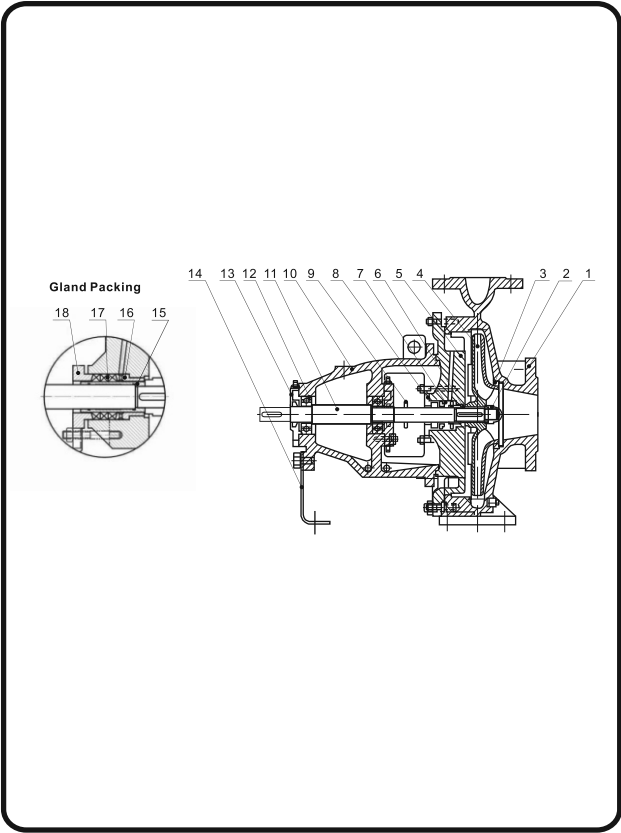
Carbon-Sic/Viton (optional)

Optional Gland Packing.

Definition of Model



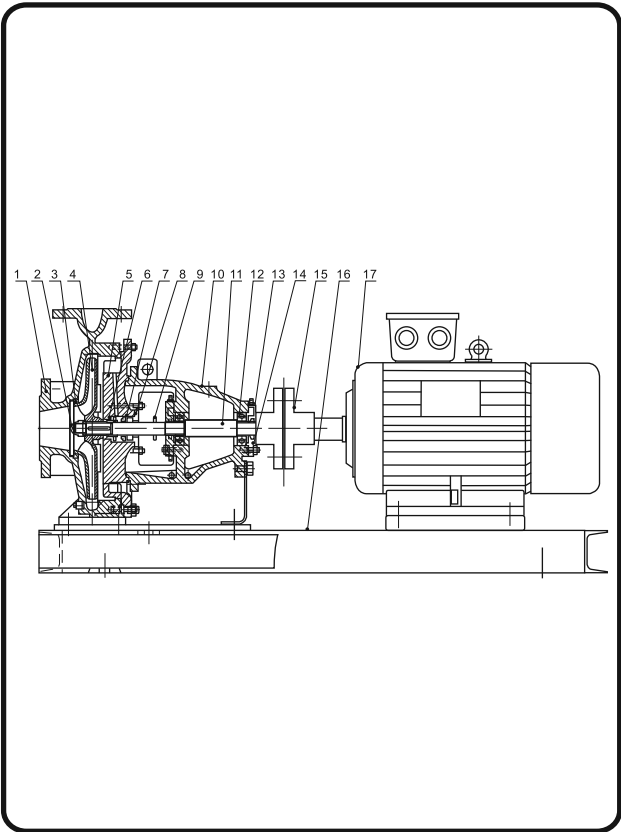
Section drawing and Parts list • Pump only



No.	Part Name
1	Volute Casing
2	Impeller Nut
3	Wear Ring
4	Impeller
5	Casing Cover
6	Shaft Spacer
7	Mechanical Seal
8	Seal Cover
9	Slinger

No.	Part Name
10	Bearing Housing
11	Shaft
12	Bearing
13	Bearing Cover
14	Support Foot
15	Packing Sleeve
16	Seal Cage
17	Gland Packing
18	Gland Cover

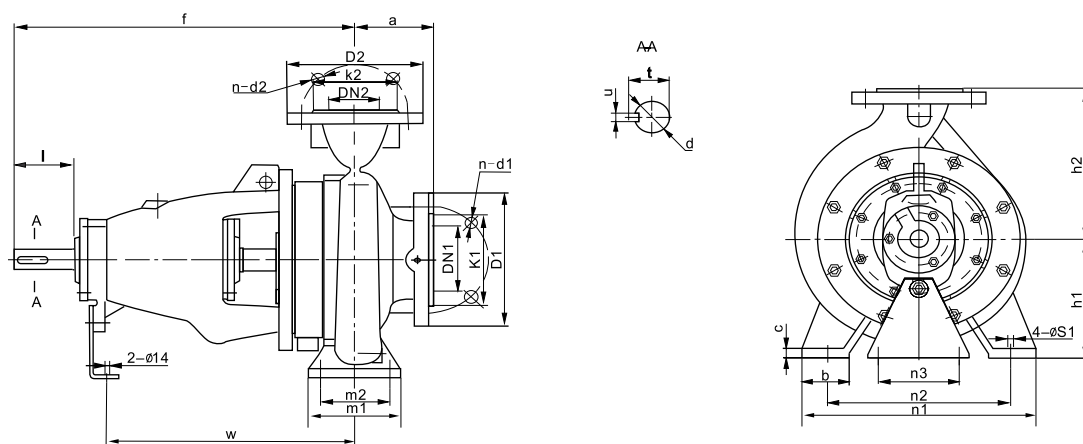
Section drawing and Parts list • Complete set



No.	Name
1	Volute Casing
2	Impeller Nut
3	Wear Ring
4	Impeller
5	Casing Cover
6	Shaft Sleeve
7	Mechanical Seal
8	Seal cover
9	Slinger

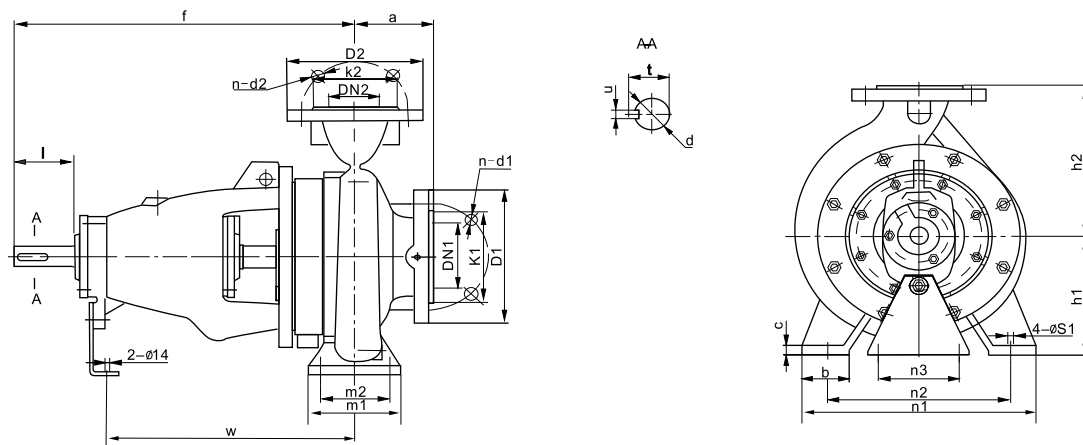
No.	Name
10	Bearing Housing
11	Shaft
12	Bearing
13	Bearing Cover
14	Support Foot
15	Coupling
16	Steel metal base
17	Electric Motor

Pump Dimensions



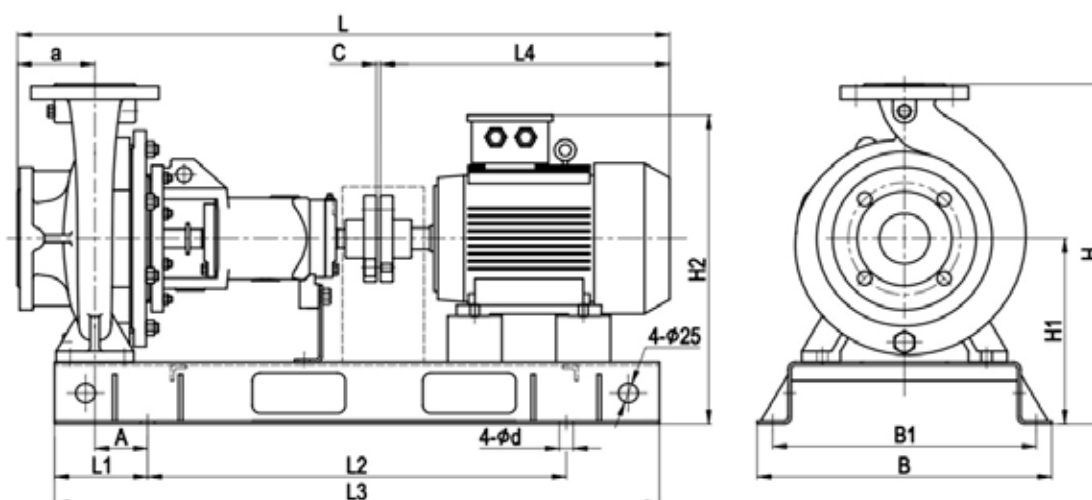
Model	Bearing impeller Dia.	DN2	DN1	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	W	d	l	t	u
ND 32/13	25	32	50	80	360	112	140	50	14	100	100	70	190	140	14	267	24	50	27	8
ND 32/16	25	32	50	80	360	132	160	50	14	100	100	70	240	190	14	267	24	50	27	8
ND 32/20	25	32	50	80	360	160	180	50	14	110	100	70	240	190	14	267	24	50	27	8
ND 32/26	25	32	50	100	360	180	225	65	14	110	125	95	320	250	14	267	24	50	27	8
ND 40/13	25	40	65	80	360	112	140	50	14	100	100	70	210	160	14	267	24	50	27	8
ND 40/16	25	40	65	80	360	132	160	50	14	100	100	70	240	190	14	267	24	50	27	8
ND 40/20	25	40	65	100	360	160	180	50	14	110	100	70	265	212	14	267	24	50	27	8
ND 40/26	25	40	65	100	360	180	225	65	14	110	125	95	320	250	14	267	24	50	27	8
ND 40/32	35	40	65	125	470	200	250	65	14	110	125	95	345	280	14	342	32	80	35	10
ND 50/13	25	50	65	100	360	132	160	50	14	100	100	70	240	190	14	267	24	50	27	8
ND 50/16	25	50	65	100	360	160	180	50	14	110	100	70	265	212	14	267	24	50	27	8
ND 50/20	25	50	65	100	360	160	200	50	14	110	100	70	265	212	14	267	24	50	27	8
ND 50/26	25	50	65	100	360	180	225	65	14	110	125	95	320	250	14	267	24	50	27	8
ND 50/32	35	50	65	125	470	225	280	65	18	110	125	95	345	280	14	342	32	80	35	10
ND 65/13	25	65	80	100	360	160	180	65	14	110	125	95	280	212	14	267	24	50	27	8
ND 65/16	25	65	80	100	360	160	200	65	14	110	125	95	280	212	14	267	24	50	27	8
ND 65/20	25	65	80	100	360	180	225	65	14	110	125	95	320	250	14	267	24	50	27	8
ND 65/20G	35	65	80	100	465	180	225	65	14	110	125	95	320	250	14	339	32	80	35	10
ND 65/26	35	65	80	100	470	200	250	80	15	110	160	120	360	280	18	342	32	80	35	10
ND 65/32	35	65	80	125	470	225	280	80	18	110	160	120	400	315	18	342	32	80	35	10

Pump Dimensions



Model	Bearing impeller Dia.	DN2	DN1	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	W	d	l	t	u
ND 80/16	25	80	100	125	360	180	225	65	14	110	125	95	320	250	14	267	24	50	27	8
ND 80/20	35	80	100	125	470	180	250	65	15	110	125	95	345	280	14	342	32	80	35	10
ND 80/26	35	80	100	125	470	200	280	80	15	110	160	120	400	315	18	342	32	80	35	10
ND 80/32	35	80	100	125	470	250	315	80	16	110	160	120	400	315	18	342	32	80	35	10
ND 80/40	45	80	100	125	530	280	355	83	18	110	160	120	440	340	18	370	42	110	45	12
ND 100/16	35	100	125	125	470	200	250	80	15	110	160	120	360	280	18	342	32	80	35	10
ND 100/20	35	100	125	125	470	200	280	80	16	110	160	120	360	280	18	342	32	80	35	10
ND 100/26	35	100	125	140	470	225	280	80	16	110	160	120	400	315	18	342	32	80	35	10
ND 100/32	35	100	125	140	470	250	315	80	16	110	160	120	400	315	18	342	32	80	35	10
ND 100/40	45	100	125	140	530	280	355	100	20	110	200	150	500	400	23	370	42	110	45	12
ND 125/20	35	125	150	140	470	250	315	80	16	110	160	120	400	315	18	342	32	80	35	10
ND 125/26	35	125	150	140	470	250	355	80	16	110	160	120	400	315	18	342	32	80	35	10
ND 125/32	45	125	150	140	530	280	355	100	18	110	200	150	500	400	23	370	42	110	45	12
ND 125/40	45	125	150	140	530	315	400	100	18	110	200	150	500	400	23	370	42	110	45	12
ND 150/20	35	150	200	160	500	280	400	100	18	110	200	150	400	315	23	342	32	80	35	10
ND 150/26	45	150	200	160	530	250	355	100	18	110	200	150	450	350	23	370	42	110	45	12
ND 150/32	45	150	200	160	530	280	400	100	18	110	200	150	550	450	23	370	42	110	45	12
ND 150/40	45	150	200	160	530	315	450	100	18	110	200	150	550	450	23	370	42	110	45	12
ND 200/26	45	200	250	180	555	315	450	100	20	110	200	150	550	450	28	392	42	110	45	12
ND 200/32	55	200	250	180	670	315	480	120	20	110	220	170	600	480	28	505	48	110	51	14
ND 200/40	55	200	250	180	670	335	480	120	20	110	220	170	600	480	28	505	48	110	51	14
ND 250/32	55	250	300	220	691	355	520	150	26	110	250	200	660	510	28	525	48	110	51	14
ND 250/40	55	250	300	220	682	400	560	150	26	110	250	200	660	510	28	516	48	110	51	14

Installation Dimensions



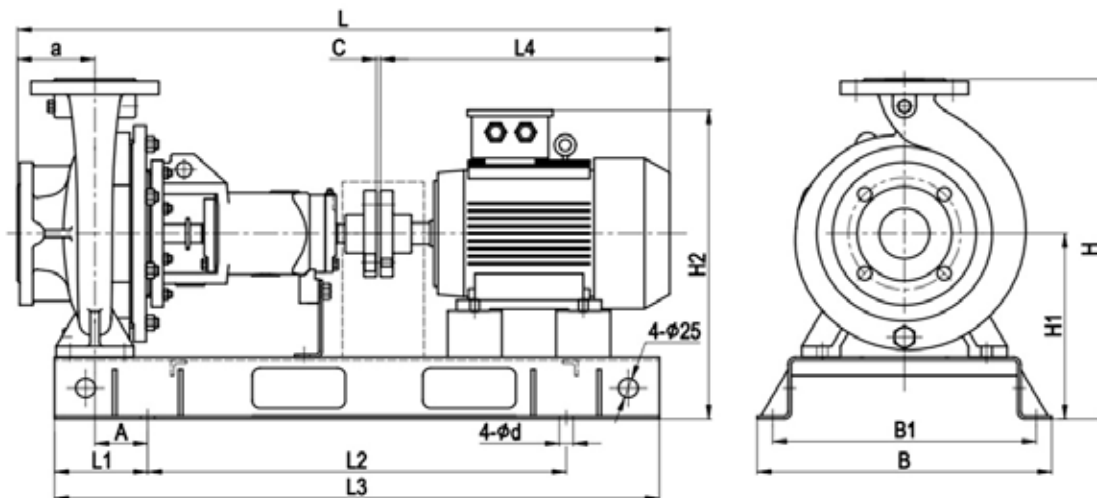
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND32/13	-00554	0.55	80	738	65	120	480	720	295	360	325	332	192	332	3	19	29	16	61
	-03002	3	80	828	65	120	480	720	385	360	325	332	192	362	3	19	29	44	88
	-04002	4	80	843	65	120	480	720	400	360	325	332	192	380	3	19	29	43	86
	-01502	1.5	80	763	65	120	480	720	320	360	325	332	192	352	3	19	29	21	66
	-02202	2.2	80	788	65	120	480	720	345	360	325	332	192	352	3	19	29	26	70

Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND32/16	-00554	0.55	80	738	65	120	480	720	295	360	325	372	212	352	3	19	35	16	67	
	-00754	0.75	80	738	65	120	480	720	295	360	325	372	212	352	3	19	35	17	68	
	-04002	4	80	843	65	120	480	720	400	360	325	372	212	400	3	19	35	43	93	
	-05502	5.5	80	913	65	120	540	780	470	430	395	372	212	425	3	19	35	65	122	
	-03002	3	80	828	65	120	480	720	385	360	325	372	212	382	3	19	35	44	94	
	-01504	1.5	80	788	65	120	480	720	345	360	325	372	212	372	3	19	35	27	77	
	-01104	1.1	80	763	65	120	480	720	320	360	325	372	212	372	3	19	35	22	73	
	-07502	7.5	80	913	65	120	540	780	470	730	395	372	212	425	3	19	35	69	126	

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND32/20	-01104	1.1	80	763	65	120	480	720	320	360	325	420	240	400	3	19	47	22	85
	-01504	1.5	80	788	65	120	480	720	345	360	325	420	240	400	3	19	47	27	89
	-02204	2.2	80	828	65	120	480	720	385	360	325	420	240	410	3	19	47	34	96
	-07502	7.5	80	913	65	120	540	780	470	430	395	420	240	453	3	19	47	69	140
	-11002	11	80	1058	95	150	650	950	615	430	395	420	240	500	3	19	47	108	184
	-15002	15	80	1058	95	150	650	950	615	430	395	420	240	500	3	19	47	109	185

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND32/26	-03004	3	100	850	55	120	540	780	385	430	395	485	260	430	3	19	58	37	113
	-04004	4	100	865	55	120	540	780	385	430	395	485	260	430	3	19	58	37	113
	-18502	18.5	100	1135	85	150	650	950	670	430	395	485	260	520	3	19	58	133	222
	-22002	22	100	1166	85	150	650	950	700	480	445	485	260	535	4	19	58	155	253
	-30002	30	100	1236	135	200	720	1120	770	520	485	505	280	585	4	19	58	224	332

Installation Dimensions



Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	ød	Pump	Motor	Total	
ND40/13	-00554	0.55	80	738	65	120	480	720	295	360	325	332	192	332	3	19	31	16	63	
	-00754	0.75	80	738	65	120	480	720	295	360	325	332	192	332	3	19	31	17	64	
	-01104	1.1	80	763	65	120	480	720	320	360	325	332	192	352	3	19	31	22	69	
	-02202	2.2	80	788	65	120	480	720	345	360	325	332	192	352	3	19	31	26	72	
	-03002	3	80	828	65	120	480	720	385	360	325	332	192	362	3	19	31	44	90	
	-04002	4	80	843	65	120	480	720	400	360	325	332	192	380	3	19	31	43	88	
	-05502	5.5	80	913	65	120	540	780	470	430	395	352	212	425	3	19	31	69	124	
	-07502	7.5	80	913	65	120	540	780	470	430	395	352	212	425	3	19	31	65	120	

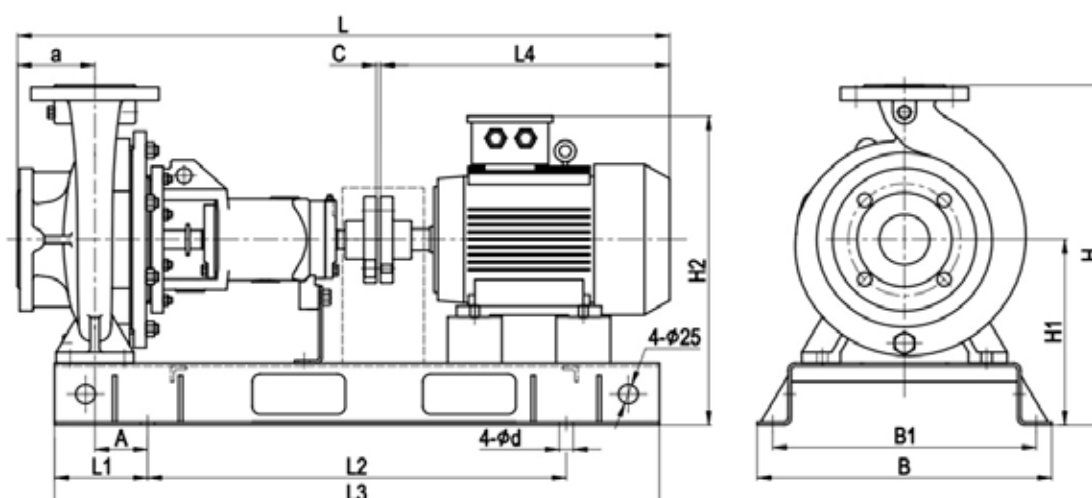
Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND40/16	-00554	0.55	80	470	65	120	480	720	295	360	325	372	212	352	3	19	34	16	66	
	-00754	0.75	80	615	65	120	480	720	295	360	325	372	212	352	3	19	34	17	67	
	-01104	1.1	80	320	65	120	480	720	320	360	325	372	212	372	3	19	34	22	72	
	-01504	1.5	80	470	65	120	480	720	345	360	325	372	212	372	3	19	34	27	76	
	-04002	4	80	400	65	120	480	720	400	360	325	372	212	400	3	19	34	43	92	
	-05502	5.5	80	345	65	120	540	780	470	430	395	372	212	425	3	19	34	65	121	
	-07502	7.5	80	385	65	120	540	780	470	430	395	372	212	425	3	19	34	69	125	
	-11002	11	80		95	150	650	950	615	430	395	400	240	500	3	19	34	108	174	

Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND40/20	-01504	1.5	100	808	65	120	480	720	345	360	325	420	240	400	3	19	45	27	87	
	-02204	2.2	100	848	65	120	480	720	385	360	325	420	240	410	3	19	45	34	94	
	-03004	3	100	848	65	120	480	720	385	360	325	420	240	410	3	19	45	37	97	
	-11002	11	100	1078	95	150	650	950	615	430	395	420	240	500	3	19	45	108	182	
	-15002	15	100	1078	95	150	650	950	615	430	395	420	240	500	3	19	45	109	183	
	-18502	18.5	100	1133	95	150	650	950	670	430	395	420	240	500	3	19	45	133	206	

Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	ød	Pump	Motor	Total	
ND40/26	-37002	30	100	1236	135	200	720	1120	770	520	485	585	505	585	4	19	61	224	335	
	-30002	22	100	1166	85	150	650	950	700	480	445	585	485	535	4	19	61	155	256	
	-22002	18.5	100	1135	85	150	650	950	670	430	395	535	485	520	3	19	61	133	225	
	-18502	5.5	100	935	85	150	650	950	470	430	395	485	485	473	3	19	61	65	158	
	-04004	4	100	865	55	120	540	780	400	430	395	431	485	448	3	19	61	47	126	
	-03004	3	100	385	55	120	540	780	385	430	395	413	485	430	3	19	61	37	116	

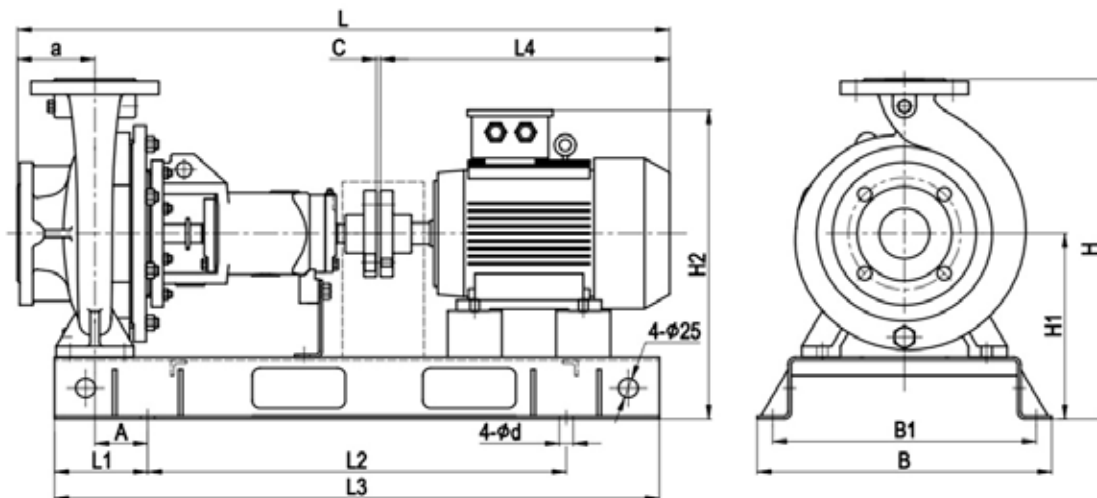
Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	ød	Pump	Motor	Total	
ND40/32	-11004	11	125	1213	133	200	720	1120	615	520	485	530	280	540	3	19	94	108	242	
	-07504	7.5	125	1108	83	150	650	950	510	480	445	530	280	493	3	19	94	79	206	
	-05504	5.5	125	1068	83	150	650	950	470	780	445	530	280	493	3	19	94	65	193	

Installation Dimensions



Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND50/13	-11002	11	100	1078	95	150	650	950	615	430	395	400	240	500	3	19	35	108	175
	-07502	7.5	100	933	65	120	540	780	470	430	395	372	212	425	3	19	35	69	126
	-05502	5.5	100	933	65	120	540	780	470	430	395	372	212	425	3	19	35	65	122
	-02204	2.2	100	848	65	120	480	720	385	360	325	372	212	382	3	19	35	34	84
	-01504	1.5	100	808	65	120	480	720	345	360	325	372	212	372	3	19	35	27	77
	-01104	1.1	100	783	65	120	480	720	320	360	325	372	212	372	3	19	35	22	73
	-00754	0.75	100	785	65	120	480	720	295	360	325	372	212	352	3	19	35	17	68
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND50/16	-22002	22	100	1164	95	150	650	950	700	480	445	440	260	535	4	19	39	155	237
	-18502	18.5	100	1133	95	150	650	950	670	430	395	420	240	500	3	19	39	133	200
	-15002	15	100	1078	95	150	650	950	615	430	395	420	240	500	3	19	39	109	177
	-11002	11	100	1078	95	150	650	950	615	430	395	420	240	500	3	19	39	108	176
	-07502	7.5	100	933	65	120	540	780	470	430	395	420	240	453	3	19	39	69	132
	-03004	3	100	848	65	120	480	720	385	360	325	420	240	410	3	19	39	37	91
	-02204	2.2	100	848	65	120	480	720	385	360	325	420	240	410	3	19	39	34	88
	-01504	1.5	100	808	65	120	480	720	345	360	325	420	240	400	3	19	39	27	81
	-01104	1.1	100	783	65	120	480	720	320	360	325	420	240	400	3	19	39	22	77
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND50/20	-30002	30	100	1237	148	200	720	1120	770	520	485	480	280	585	4	19	49	224	323
	-22002	22	100	1167	98	150	650	950	700	480	445	460	260	535	4	19	49	155	247
	-18502	18.5	100	1136	98	150	650	950	670	430	395	440	240	500	3	19	49	133	210
	-15002	15	100	1081	98	150	650	950	615	430	395	440	240	500	3	19	49	109	187
	-04004	4	100	866	68	120	480	720	400	360	325	440	240	428	3	19	49	47	111
	-03004	3	100	851	68	120	480	720	385	360	325	440	240	410	3	19	49	37	111
	-02204	2.2	100	851	68	120	480	720	385	360	325	440	240	410	3	19	49	34	111

Installation Dimensions



Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND50/26	-11004	11	100	1081	86	150	650	950	615	430	395	485	260	520	3	19	68	108	208	
	-07504	7.5	100	976	86	150	650	950	510	430	395	485	260	473	3	19	68	79	178	
	-05504	5.5	100	936	86	150	650	950	470	430	395	485	260	473	3	19	68	65	165	

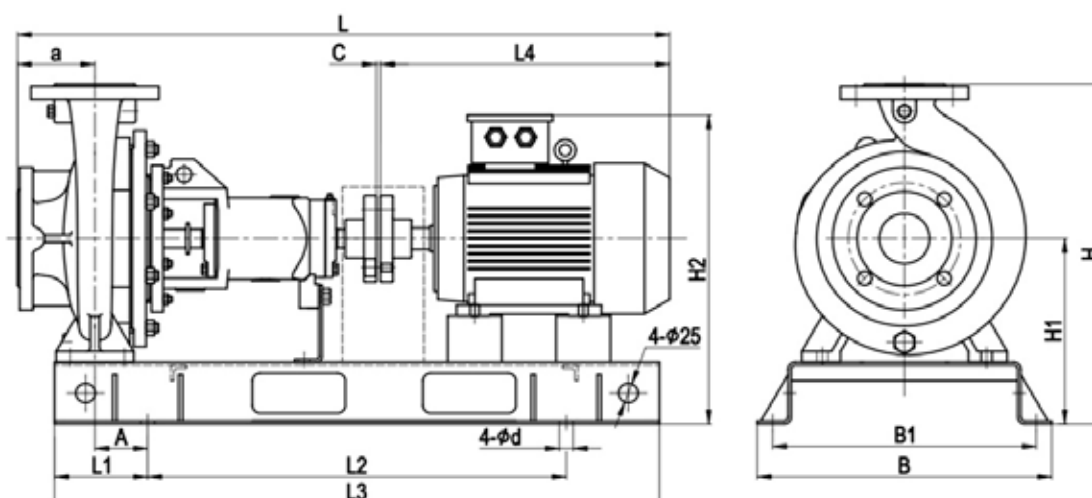
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND50/32	-18504	18.5	100	1274	133	200	720	1120	700	520	485	585	305	580	4	19	100	157	306
	-15004	15	100	1243	133	200	720	1120	670	520	485	585	305	565	3	19	100	129	268
	-11004	11	100	1188	133	200	720	1120	615	520	485	585	305	565	3	19	100	108	248
	-07504	7.5	100	1083	83	150	650	950	510	480	445	585	305	518	3	19	100	79	212

Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND65/13	-11002	11	100	1078	83	150	650	950	615	430	395	420	240	500	3	19	41	108	178	
	-15002	15	100	1078	83	150	650	950	615	430	395	420	240	500	3	19	41	109	179	
	-01504	1.5	100	808	53	120	540	780	345	430	395	420	240	400	3	19	41	27	86	
	-02204	2.2	100	848	53	120	540	780	385	430	395	420	240	410	3	19	41	34	93	

Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND65/16	-30002	30	100	1234	133	200	720	1120	770	520	485	480	280	585	4	19	47	224	321	
	-22002	22	100	1164	83	150	650	950	700	480	445	460	260	535	4	19	47	155	245	
	-18502	18.5	100	1133	83	150	650	950	670	430	395	440	240	500	3	19	47	133	208	
	-15002	15	100	1078	83	150	650	950	615	430	395	440	240	500	3	19	47	109	185	
	-11002	11	100	1078	83	150	650	950	615	430	395	440	240	500	3	19	47	108	184	
	-04004	4	100	863	53	120	540	780	400	430	395	440	240	428	3	19	47	47	112	
	-03004	3	100	848	53	120	540	780	385	430	395	440	240	410	3	19	47	37	102	
	-02204	2.2	100	848	53	120	540	780	385	430	395	440	240	410	3	19	47	34	99	
	-01504	1.5	100	808	53	120	540	780	345	430	395	440	240	400	3	19	47	27	92	

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND65/20	-22002	22	100	1164	83	150	650	950	700	480	445	485	260	535	4	19	55	155	250
	-05504	5.5	100	933	53	120	540	780	470	430	395	485	260	473	3	19	55	65	144
	-03004	3	100	848	53	120	540	780	385	430	395	485	260	430	3	19	55	37	110
	-04004	4	100	863	53	120	540	780	400	430	395	485	260	448	3	19	55	47	120
	-07504	7.5	100	973	83	150	650	950	510	430	365	485	260	473	3	19	55	79	165
ND65/20G	-30002	30	100	1339	138	200	800	1200	770	520	485	505	280	585	4	19	60	224	336
	-37002	37	100	1339	138	200	800	1200	770	520	485	505	280	585	4	19	60	235	346

Installation Dimensions



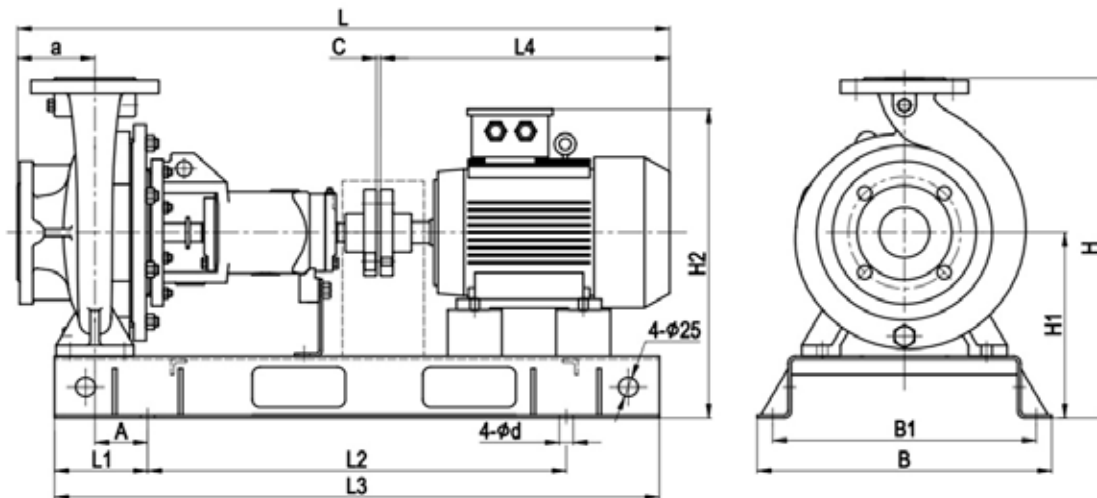
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND65/26	-90002	90	100	1609	165	250	950	1450	1035	670	630	610	360	760	4	24	87	541	723
	-75002	75	100	1559	165	250	950	1450	985	670	630	610	360	760	4	24	87	485	667
	-55002	55	100	1484	165	250	860	1360	910	630	590	580	330	695	4	24	87	373	549
	-45002	45	100	1389	115	200	900	1300	815	570	530	555	305	640	4	24	87	286	438
	-15004	15	100	1243	115	200	720	1120	670	520	485	530	280	540	3	19	87	129	255
	-11004	11	100	1188	115	200	720	1120	615	520	485	530	280	540	3	19	87	108	235
	-07504	7.5	100	1083	65	150	650	950	510	480	445	530	280	493	3	19	87	79	199

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND65/32	-22004	22	125	1339	115	200	720	1120	740	520	485	585	305	580	4	19	110	179	338
	-18504	18.5	125	1299	115	200	720	1120	700	520	485	585	305	580	4	19	110	157	316
	-15004	15	125	1268	115	200	720	1120	670	520	485	585	305	565	3	19	110	129	278
	-11004	11	125	1213	115	200	720	1120	615	520	485	585	305	565	3	19	110	108	258

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND 80/16	-45002	45	125	1304	133	200	900	1300	815	570	530	530	305	640	4	24	53	286	404
	-37002	37	125	1259	133	200	720	1120	770	520	485	505	280	585	4	19	53	235	337
	-30002	30	125	1259	133	200	720	1120	770	520	485	505	280	585	4	19	53	224	327
	-22002	22	125	1189	83	150	650	950	700	480	445	485	260	535	4	19	53	155	248
	-05504	5.5	125	958	53	120	540	780	470	430	395	485	260	473	3	19	53	65	142
	-03004	3	125	873	53	120	540	780	385	430	395	485	260	430	3	19	53	37	108
	-04004	4	125	888	53	120	540	780	400	430	395	485	260	448	3	19	53	47	118

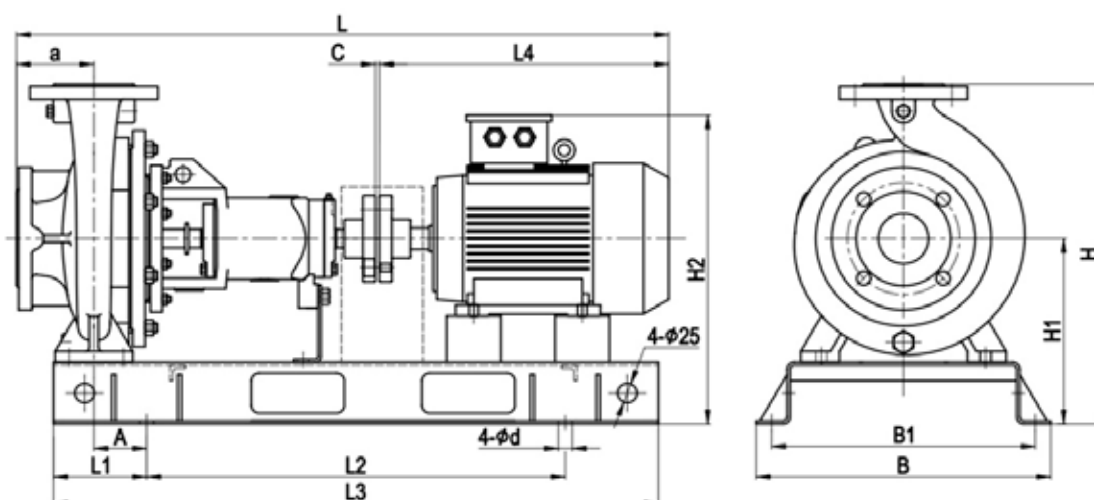
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND80/20	-75002	75	125	1584	183	250	950	1450	985	670	630	610	360	760	4	24	76	485	656
	-55002	55	125	1509	183	250	860	1360	910	630	590	580	330	695	4	24	76	373	538
	-45002	45	125	1414	133	200	900	1300	815	570	530	555	305	640	4	24	76	286	427
	-37002	37	125	1369	133	200	800	1200	770	520	485	530	280	585	4	19	76	235	362
	-11004	11	125	1213	133	200	720	1120	615	520	485	510	260	520	3	19	76	108	224
	-07504	7.5	125	1108	83	150	650	950	510	480	445	510	260	473	3	19	76	79	188
	-05504	5.5	125	1068	83	150	650	950	470	480	445	510	260	473	3	19	76	65	175
	-04004	4	125	998	83	150	650	950	400	480	445	510	260	448	3	19	76	47	156

Installation Dimensions



Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND80/26	-75002	75	125	1584	165	250	950	1450	985	670	630	640	360	760	4	24	95	485	675
	-55002	55	125	1509	165	250	860	1360	910	630	590	610	330	695	4	24	95	373	557
	-18504	18.5	125	1299	115	200	720	1120	700	520	485	560	280	555	4	19	95	157	301
	-15004	15	125	1268	115	200	720	1120	670	520	485	560	280	540	3	19	95	129	263
	-11004	11	125	1213	115	200	720	1120	615	520	485	560	280	540	3	19	95	108	243
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND80/32	-37004	37	125	1419	115	200	900	1300	820	570	530	645	330	665	4	24	114	301	498
	-30004	30	125	1369	115	200	800	1200	770	520	485	645	330	635	4	19	114	240	405
	-22004	22	125	1339	115	200	720	1120	740	520	485	645	330	605	4	19	114	179	342
	-18504	18.5	125	1229	115	200	720	1120	700	520	485	645	330	605	4	19	114	157	320
	-15004	15	125	1268	115	200	720	1120	670	520	485	645	330	590	4	19	114	129	282
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND80/40	-55004	55	125	1569	165	250	860	1360	910	630	590	715	360	725	4	24	160	383	632
	-45004	45	125	1504	115	200	900	1300	845	570	530	715	360	695	4	24	160	312	555
	-37004	37	125	1479	115	200	900	1300	820	570	530	715	360	695	4	24	160	301	544
	30004	30	125	1429	115	200	900	1300	770	570	530	715	360	665	4	24	160	240	465

Installation Dimensions



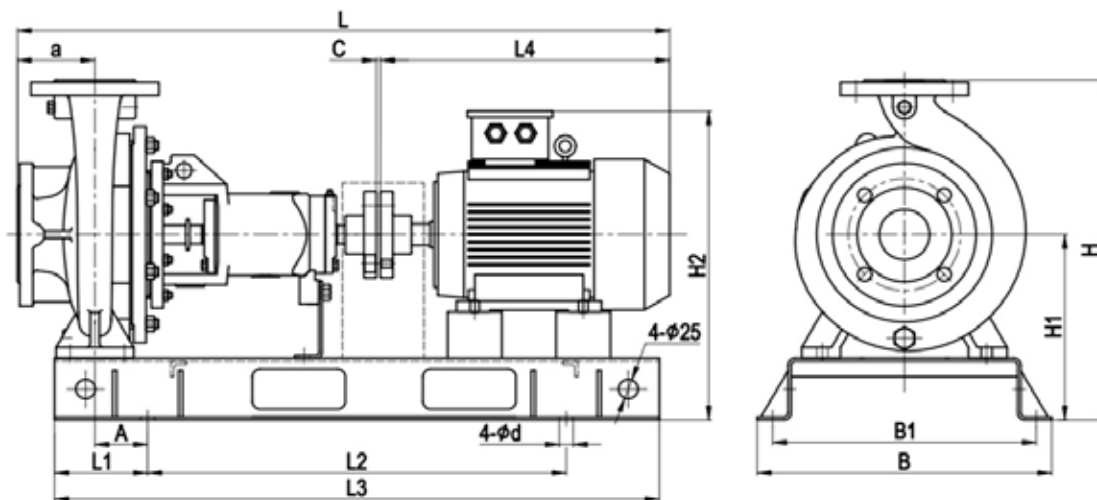
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND100/16	-45002	45	125	1414	115	200	900	1300	815	570	530	555	305	640	4	24	87	286	438
	-37002	37	125	1369	115	200	800	1200	770	520	485	530	280	585	4	19	87	235	369
	-30002	30	125	1369	115	200	800	1200	770	520	485	530	280	585	4	19	87	224	359
	-07504	7.5	125	1108	65	150	650	950	510	480	445	530	280	493	3	19	87	79	199
	-05504	5.5	125	1068	65	150	650	950	470	480	445	530	280	493	3	19	87	65	186
	-04004	4	125	998	65	150	650	950	400	480	445	530	280	468	3	19	87	47	167

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND100/20	-110002	110	125	1784	165	250	950	1450	1185	700	660	710	430	960	4	24	84	867	1088
	-90002	90	125	1634	165	250	950	1450	1035	670	630	640	360	760	4	24	84	541	720
	-75002	75	125	1584	165	250	950	1450	985	670	630	640	360	760	4	24	84	485	664
	-55002	55	125	1509	165	250	860	1360	910	630	590	610	330	695	4	24	84	373	546
	-45002	45	125	1414	115	200	900	1300	815	570	530	585	305	640	4	24	84	286	435
	-15004	15	125	1268	115	200	720	1120	670	520	485	560	280	540	3	19	84	129	252
	-1104	11	125	1213	115	200	720	1120	615	520	485	560	280	540	3	19	84	108	232
	-07504	7.5	125	1108	65	150	650	950	510	480	445	560	280	493	3	19	84	49	196
	-05504	5.5	125	1068	65	150	650	950	470	480	445	560	280	493	3	19	84	65	183

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND100/26	-30004	30	140	1384	115	200	800	1200	770	520	485	585	305	610	4	19	102	240	393
	-22004	22	140	1354	115	200	720	1120	740	520	485	585	305	580	4	19	102	179	330
	-18504	18.5	140	1314	115	200	720	1120	700	520	485	585	305	580	4	19	102	157	308
	-15004	15	140	1283	115	200	720	1120	670	520	485	585	305	565	3	19	102	129	270

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND100/32	-45004	45	140	1459	115	200	900	1300	845	570	530	645	330	665	4	24	118	312	513
	-37004	37	140	1434	115	200	900	1300	820	570	530	645	330	665	4	24	118	301	502
	-30004	30	140	1384	115	200	800	1200	770	520	485	645	330	635	4	19	118	240	409
	-22004	22	140	1354	115	200	720	1120	740	520	485	645	330	605	4	19	118	179	346
	-18504	18.5	140	1314	115	200	720	1120	700	520	485	645	330	605	4	19	118	157	324

Installation Dimensions



Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND100/40	-75004	75	140	1659	145	250	950	1450	985	670	630	715	360	760	4	24	176	544	821	
	-55004	55	140	1584	145	250	860	1360	910	630	590	715	360	725	4	24	176	383	648	
	-45004	45	140	1519	145	250	860	1360	845	630	590	715	360	695	4	24	176	312	577	
	-37004	37	140	1494	145	250	860	1360	820	630	590	715	360	695	4	24	176	301	566	

Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND125/20	-18504	18.5	140	1314	115	200	720	1120	700	520	485	645	330	605	4	19	112	157	318	
	-15004	15	140	1283	115	200	720	1120	670	520	485	645	330	590	3	19	112	129	280	
	-11004	11	140	1228	115	200	720	1120	615	520	485	645	330	590	3	19	112	108	260	

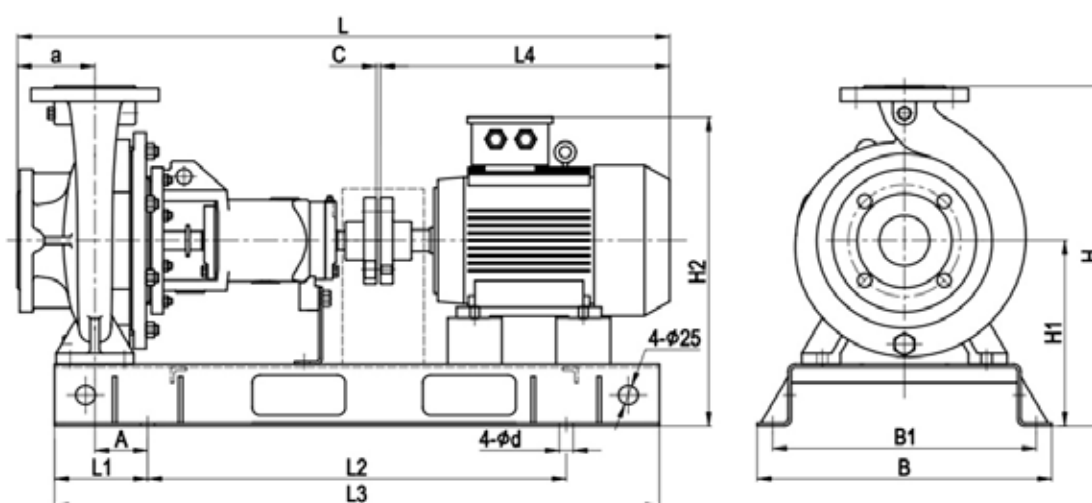
Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND125/26	-37004	37	140	1434	115	200	900	1300	820	570	530	985	330	665	4	24	117	301	501	
	-30004	30	140	1384	115	200	800	1200	770	520	485	685	330	635	4	19	117	240	408	
	-22004	22	140	1354	115	200	720	1120	740	520	485	685	330	605	4	19	117	179	345	
	-18504	18.5	140	1314	115	200	720	1120	700	520	485	685	330	605	4	19	117	157	323	

Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND125/32	-55004	55	140	1584	145	250	860	1360	910	630	590	715	360	725	4	24	155	383	627	
	-45004	45	140	1519	145	250	860	1360	845	630	590	715	360	695	4	24	155	312	556	
	-37004	37	140	1494	145	250	860	1360	820	630	590	715	360	695	4	24	155	301	545	
	-30004	30	140	1444	145	250	860	1360	770	630	590	715	360	665	4	24	155	240	467	

Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND125/40	-110004	110	160	1909	145	250	1000	1550	1215	700	660	830	430	960	4	24	178	836	1168	
	-90004	90	160	1729	145	250	1140	1650	1035	730	690	795	395	795	4	24	178	587	886	
	-75004	75	160	1679	145	250	950	1450	985	670	630	795	395	795	4	24	178	544	830	
	-55004	55	160	1604	145	250	860	1360	910	630	590	795	395	760	4	24	178	383	650	

Model		Power [Kw]	Dimensions [mm]															Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total	
ND150/20	-30004	30	160	1431	95	200	800	1200	770	520	485	760	360	665	4	19	132	240	423	
	-22004	22	160	1401	95	200	800	1200	740	520	485	760	360	635	4	19	132	179	362	
	-18504	18.5	160	1361	95	200	800	1200	700	520	485	760	360	635	4	19	132	157	341	

Installation Dimensions



Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND150/26	-55004	55	160	1604	145	250	860	1360	910	630	590	685	330	695	4	24	163	383	628
	-45004	45	160	1539	95	200	900	1300	845	570	530	685	330	665	4	24	163	312	558
	-37004	37	160	1514	95	200	900	1300	820	570	530	685	330	665	4	24	163	301	547
	-30004	30	160	1464	95	200	900	1300	770	570	530	685	330	635	4	24	163	240	468
	-22004	22	160	1434	95	200	900	1300	740	570	530	685	330	605	4	24	163	179	407

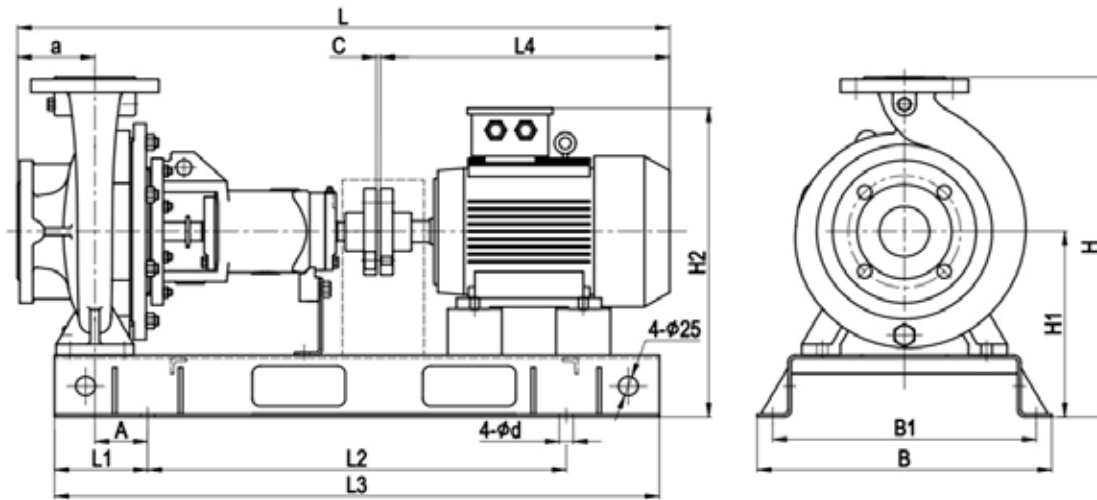
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND150/32	-90004	90	160	1734	146	250	1140	1650	1035	730	690	760	360	760	4	24	170	587	869
	-75004	75	160	1684	146	250	950	1450	985	670	630	760	360	760	4	24	170	544	815
	-55004	55	160	1609	146	250	950	1450	910	670	630	760	360	725	4	24	170	383	648
	-45004	45	160	1544	146	250	950	1450	845	670	630	760	360	695	4	24	170	312	578
	-37004	37	160	1519	146	250	950	1450	820	670	630	760	360	695	4	24	170	301	566

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND150/40	-90004	90	160	1729	145	250	1140	1650	1035	730	690	845	395	795	4	24	207	587	915
	-75004	75	160	1679	145	250	950	1450	985	670	630	845	395	795	4	24	207	544	859
	-110004	110	160	1909	145	250	1100	1600	1215	700	660	880	430	960	4	24	207	836	1198
	-132004	132	160	2019	145	250	1100	1600	1325	700	660	880	430	960	4	24	207	979	1341

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND200/26	-55004	55	180	1649	145	250	950	1450	910	670	630	845	395	760	4	27	219	383	697
	-45004	45	180	1584	145	250	950	1450	845	670	630	845	395	730	4	24	219	312	627
	-37004	37	180	1559	145	250	950	1450	820	670	630	845	395	730	4	24	219	301	615
	-30004	30	180	1509	145	250	950	1450	770	670	630	845	395	700	4	24	219	240	537

Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND200/32	-55004	55	180	1764	135	250	1140	1650	910	730	690	875	395	760	4	24	286	383	777
	-75004	75	180	1839	135	250	1140	1650	985	730	690	875	395	795	4	24	286	544	951
	-110004	110	180	2069	135	250	1200	1700	1215	700	660	910	430	960	4	24	286	836	1280
	-90004	90	180	1889	135	250	1140	1650	1035	730	690	875	395	795	4	24	286	587	994

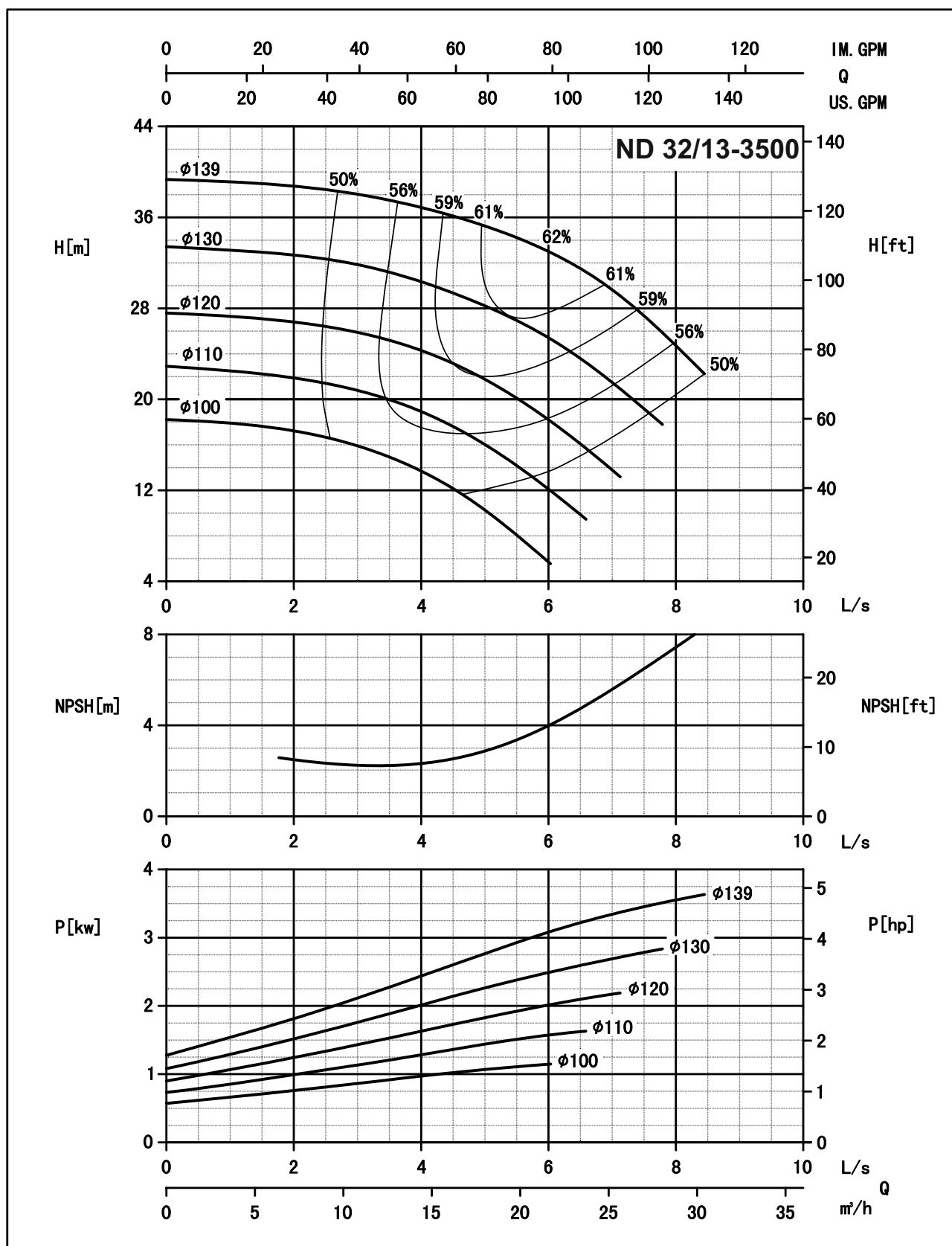
Installation Dimensions



Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND200/40	-132004	132	180	2180	120	250	1200	1770	1325	700	660	930	450	980	4	24	328	979	1467
	-110004	110	180	2070	120	250	1200	1770	1215	700	660	930	450	980	4	24	328	836	1324
	-160004	160	180	2180	120	250	1300	1840	1325	700	660	930	450	980	4	24	328	1020	1512
	-200004	200	180	2180	120	250	1300	1840	1325	700	660	930	450	980	4	24	328	1102	1594
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND250/32	-160004	160	220	2240	120	250	1300	1850	1325	700	660	990	470	1000	4	24	366	1020	1552
	-90004	90	220	1950	120	250	1100	1650	1035	700	660	990	470	870	4	24	366	587	1110
	-132004	132	220	2240	120	250	1300	1790	1325	700	660	990	470	1000	4	24	366	979	1507
	-110004	110	220	2130	120	250	1300	1790	1215	700	660	990	470	1000	4	24	366	836	1364
	-75004	75	220	1900	120	250	1100	1650	985	700	660	990	470	870	4	24	366	544	1067
Model		Power [Kw]	Dimensions [mm]														Weight [kg]		
			a	L	A	L1	L2	L3	L4	B	B1	H	H1	H2	c	Ød	Pump	Motor	Total
ND250/40	-250004	250	220	2437	120	250	1400	1900	1530	800	760	1075	515	1170	5	24	396	1612	2232
	-200004	200	220	2231	120	250	1300	1820	1325	700	660	1075	515	1045	4	24	396	1102	1665
	-160004	160	220	2231	120	250	1300	1820	1325	700	660	1075	515	1045	4	24	396	1020	1583
	-132004	132	220	2231	120	250	1200	1760	1325	700	660	1075	515	1045	4	24	396	979	1538
	-110004	110	220	2121	120	250	1200	1760	1215	700	660	1075	515	1045	4	24	396	836	1395

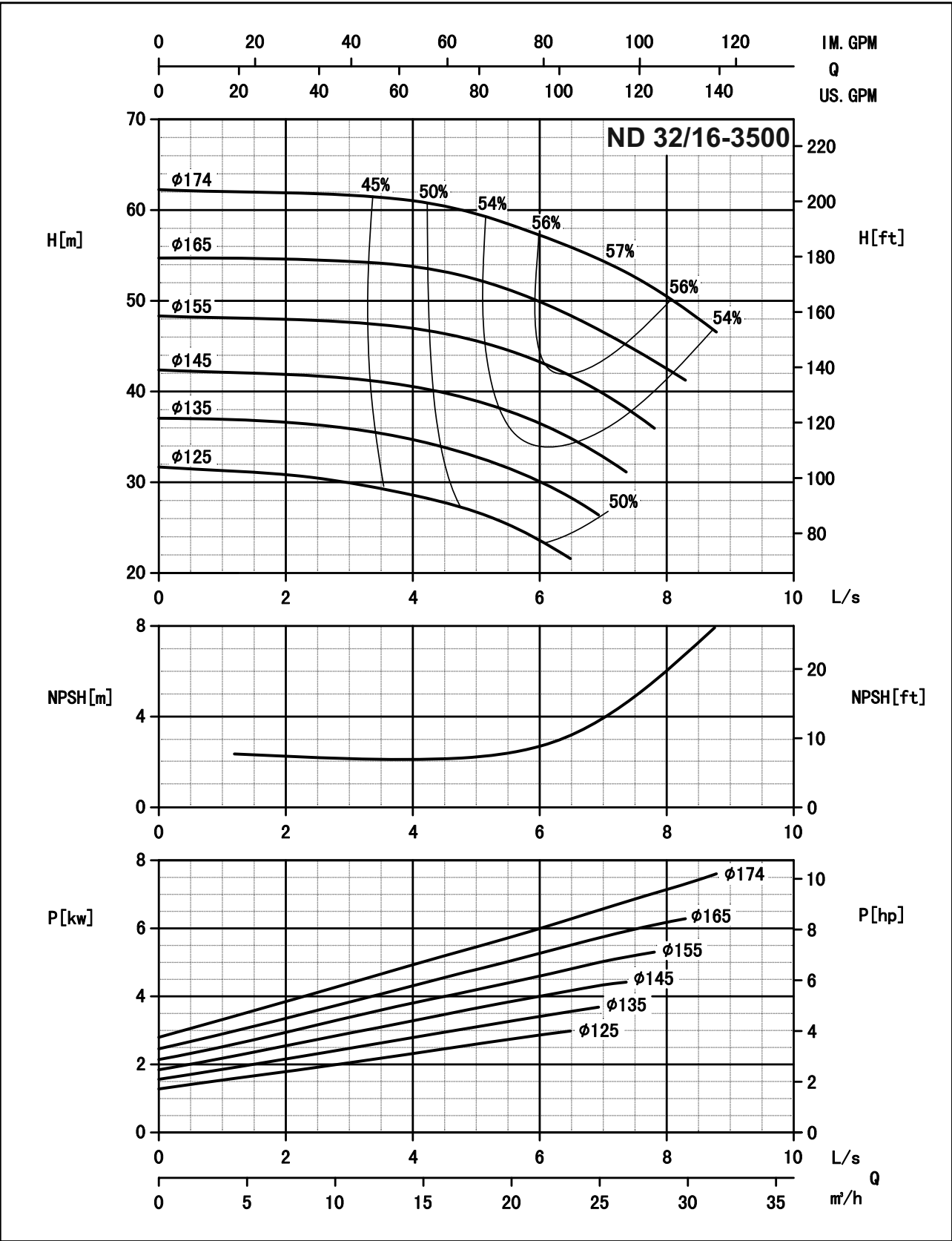
Performance Curves

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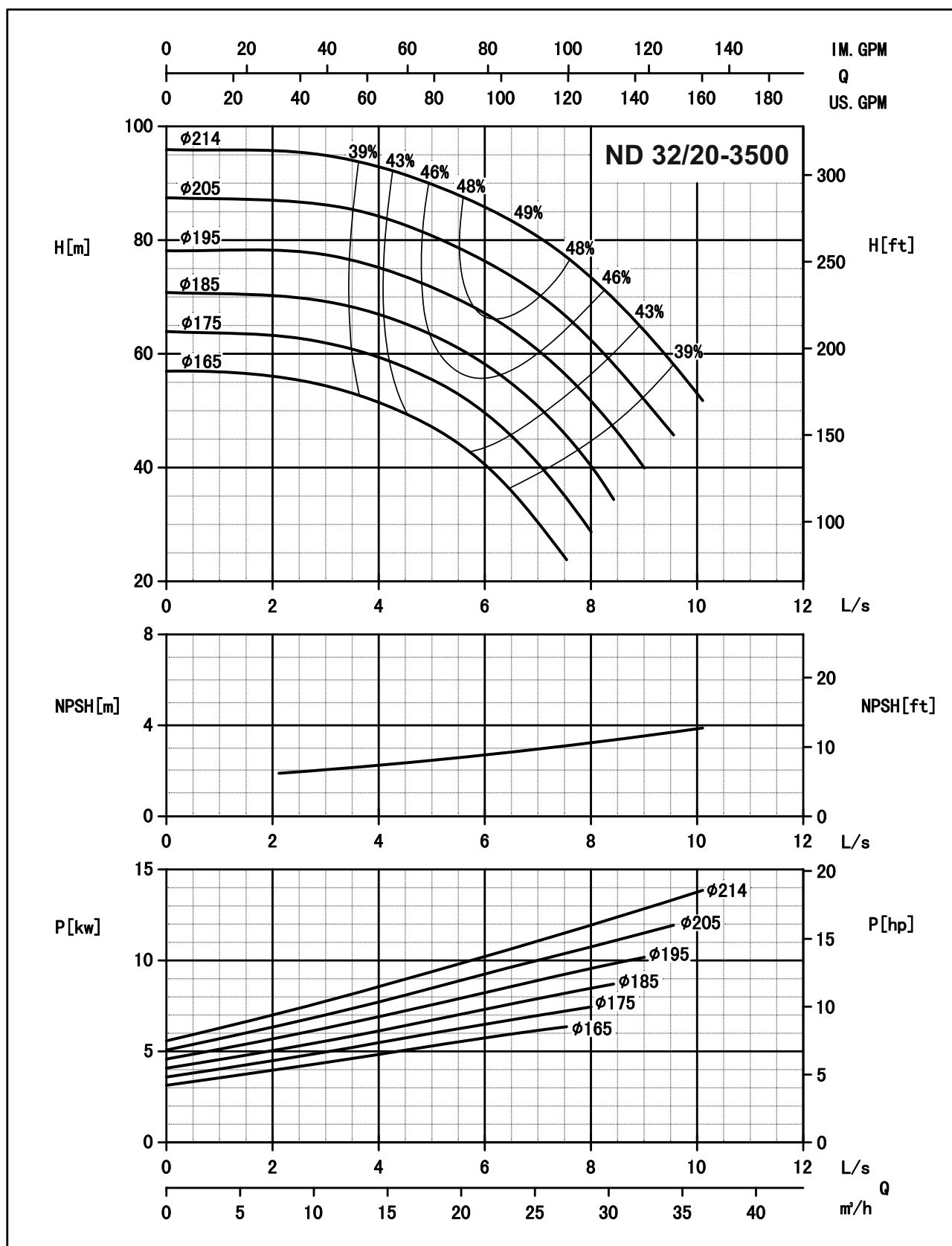
Performance Curves

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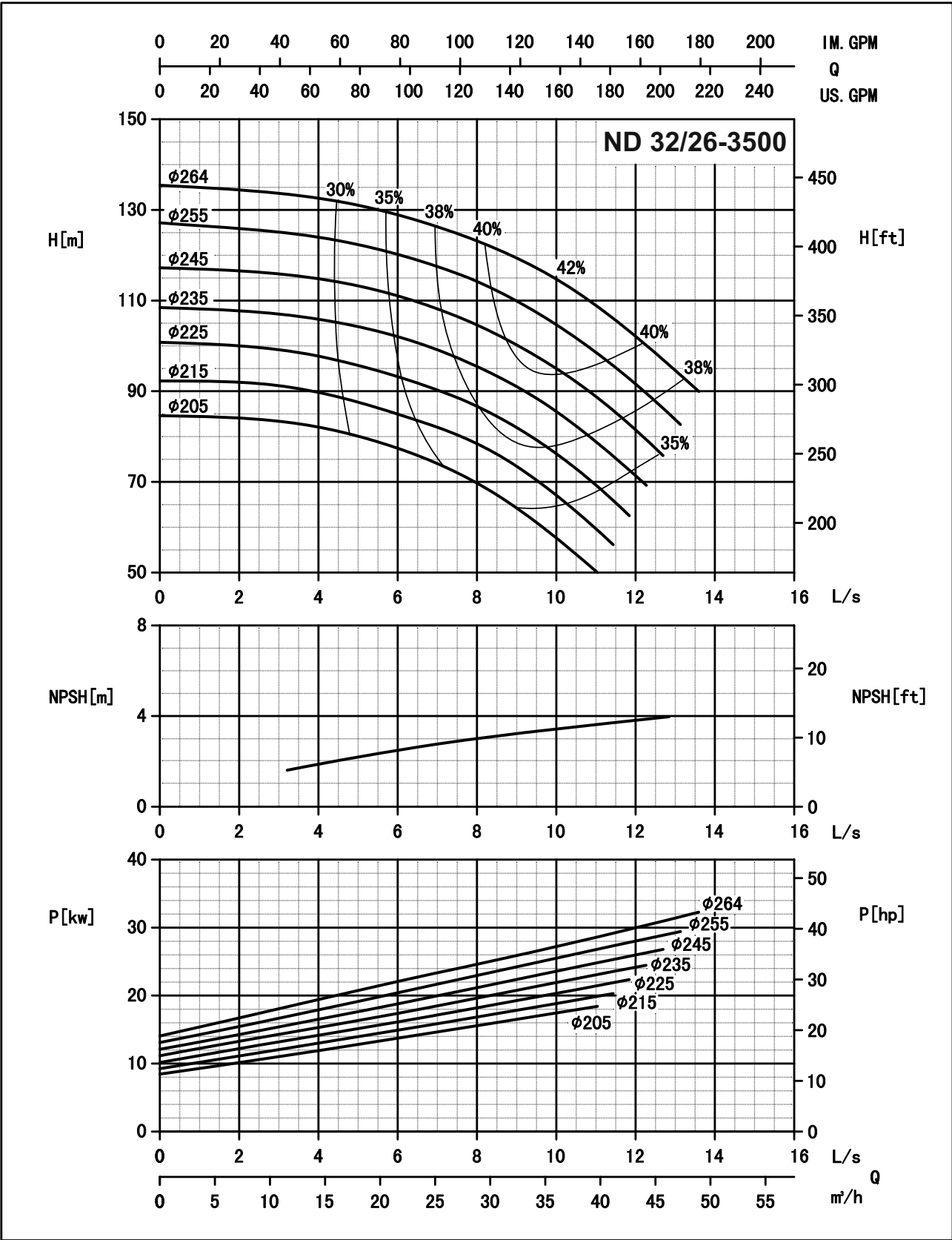
Performance Curves

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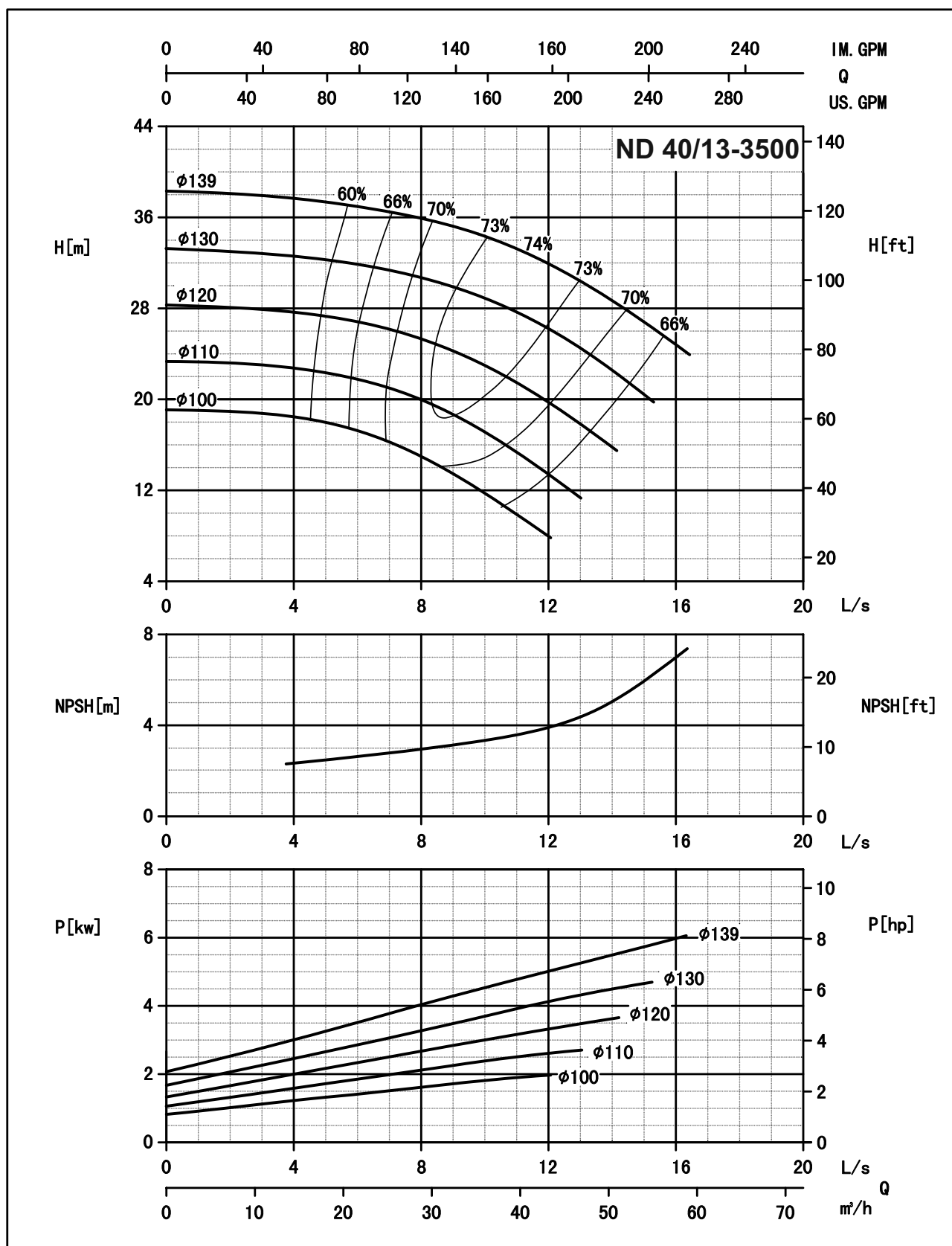
Performance Curves

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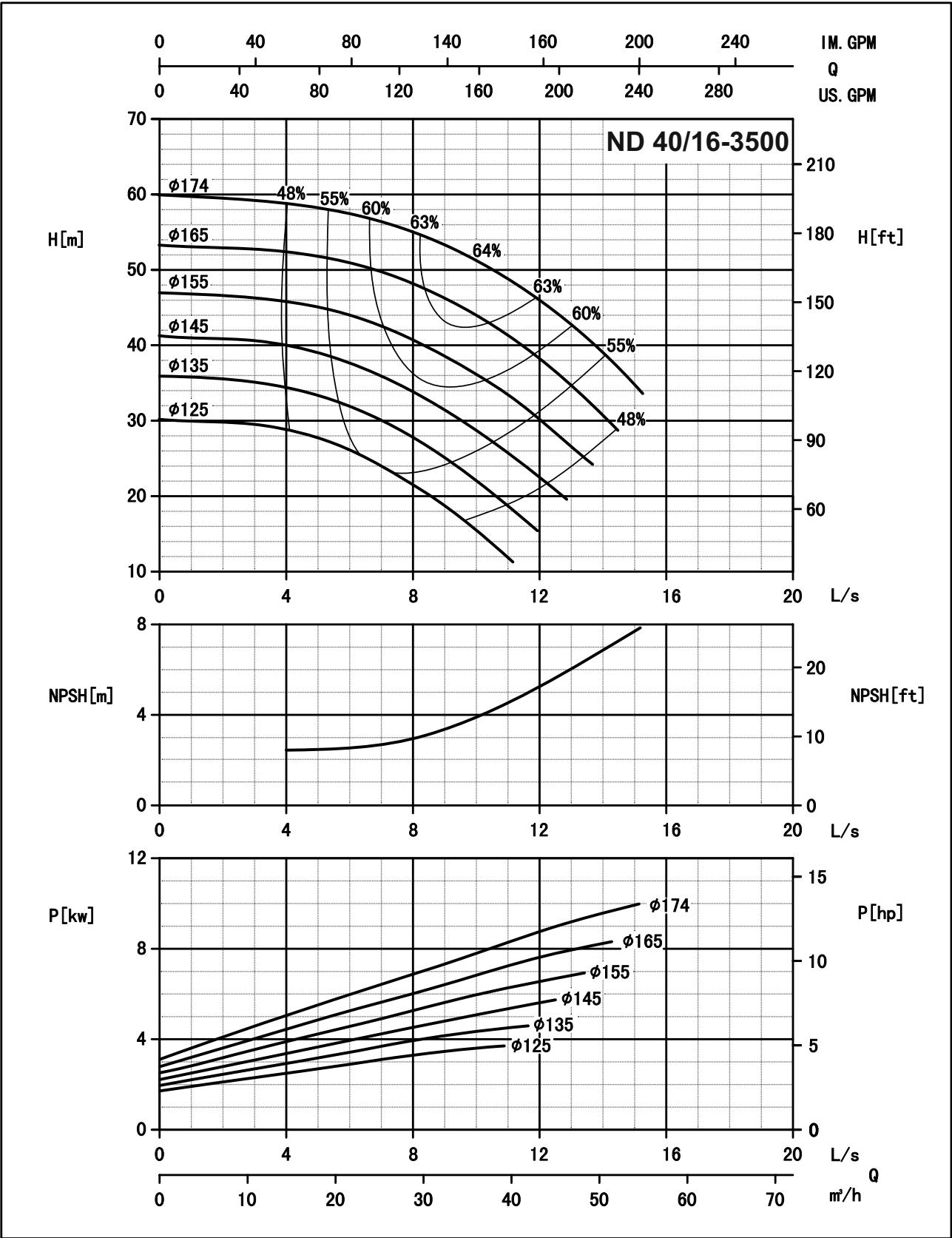
Performance Curves

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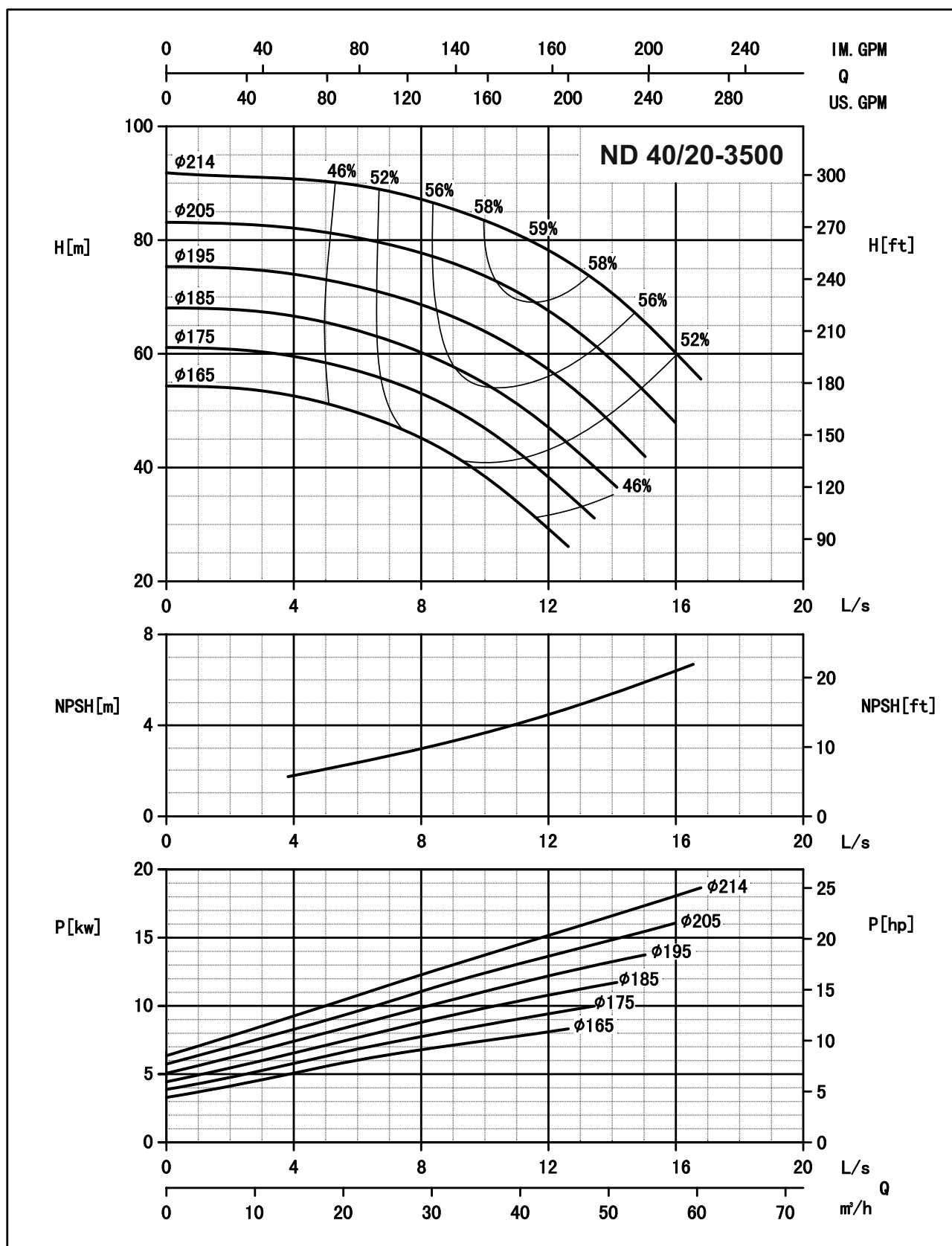
Performance Curves

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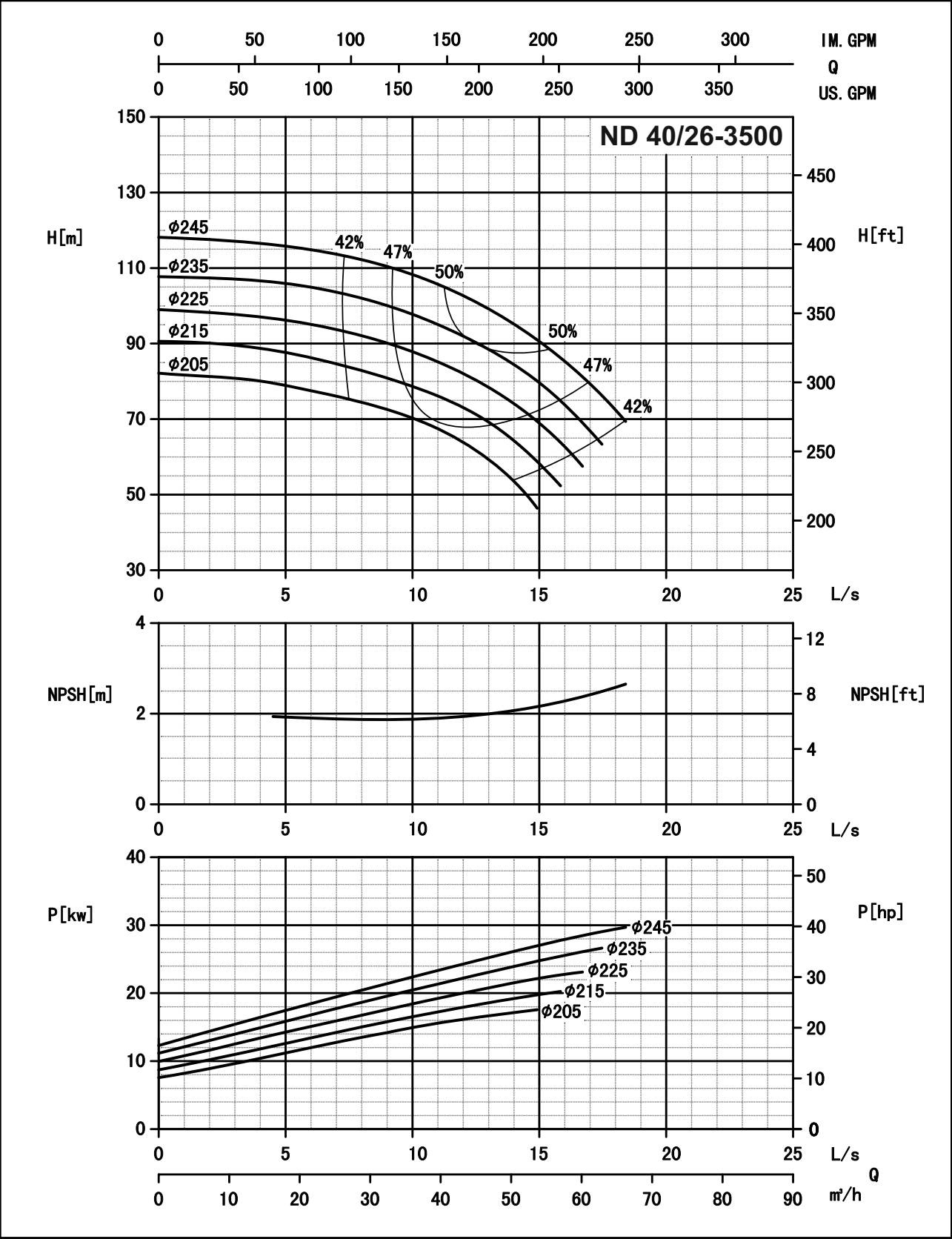
Performance Curves

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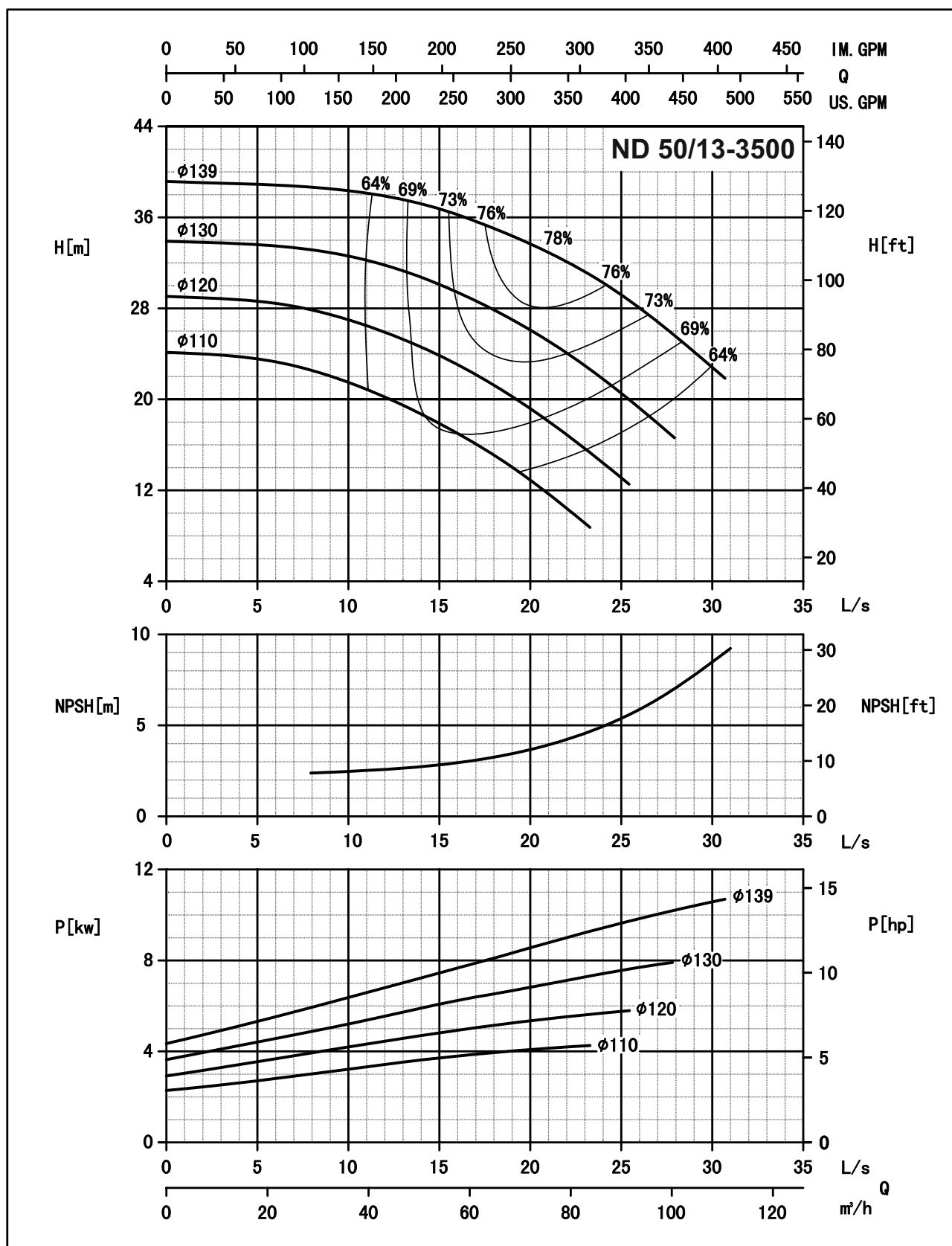
Performance Curves

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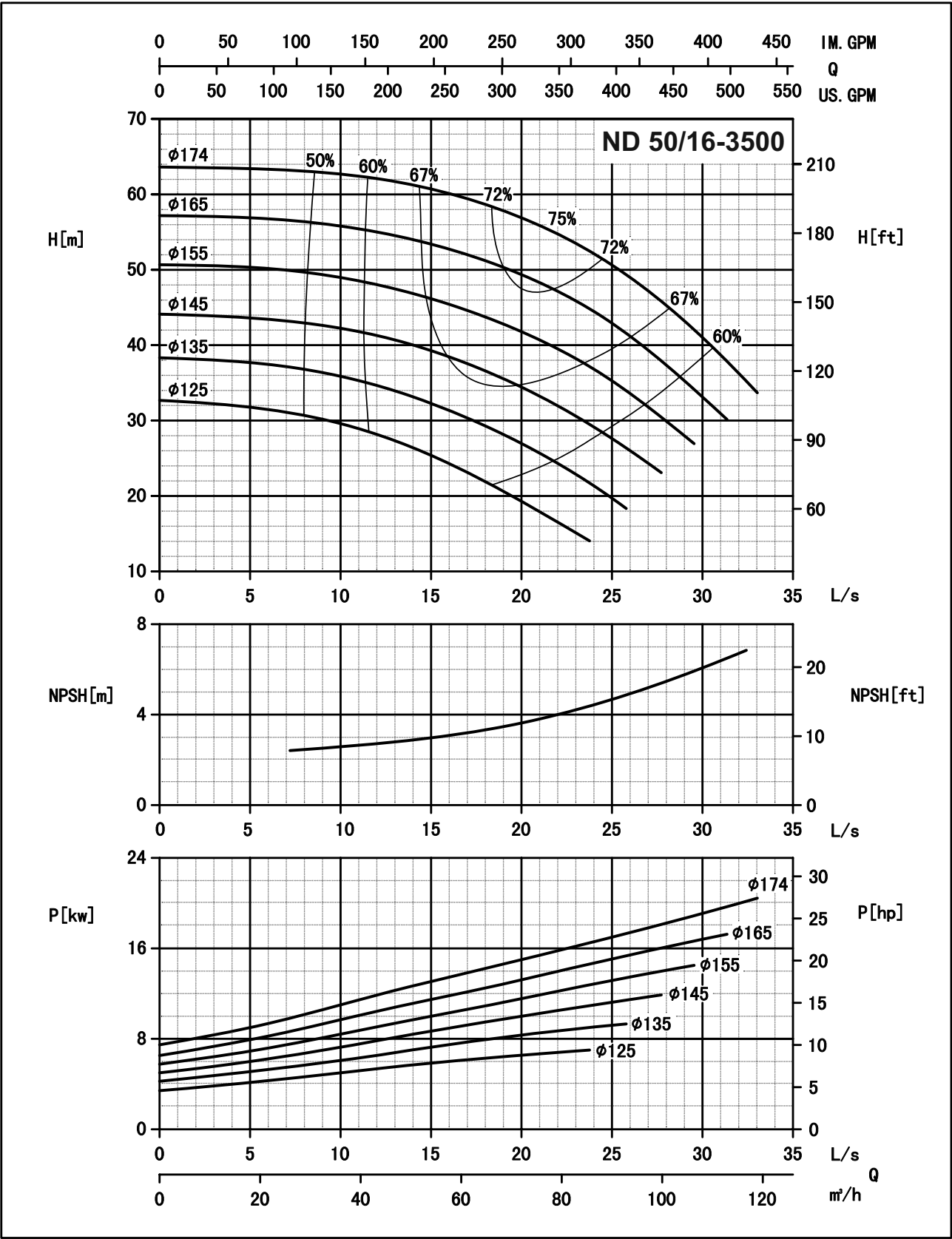
Performance Curves

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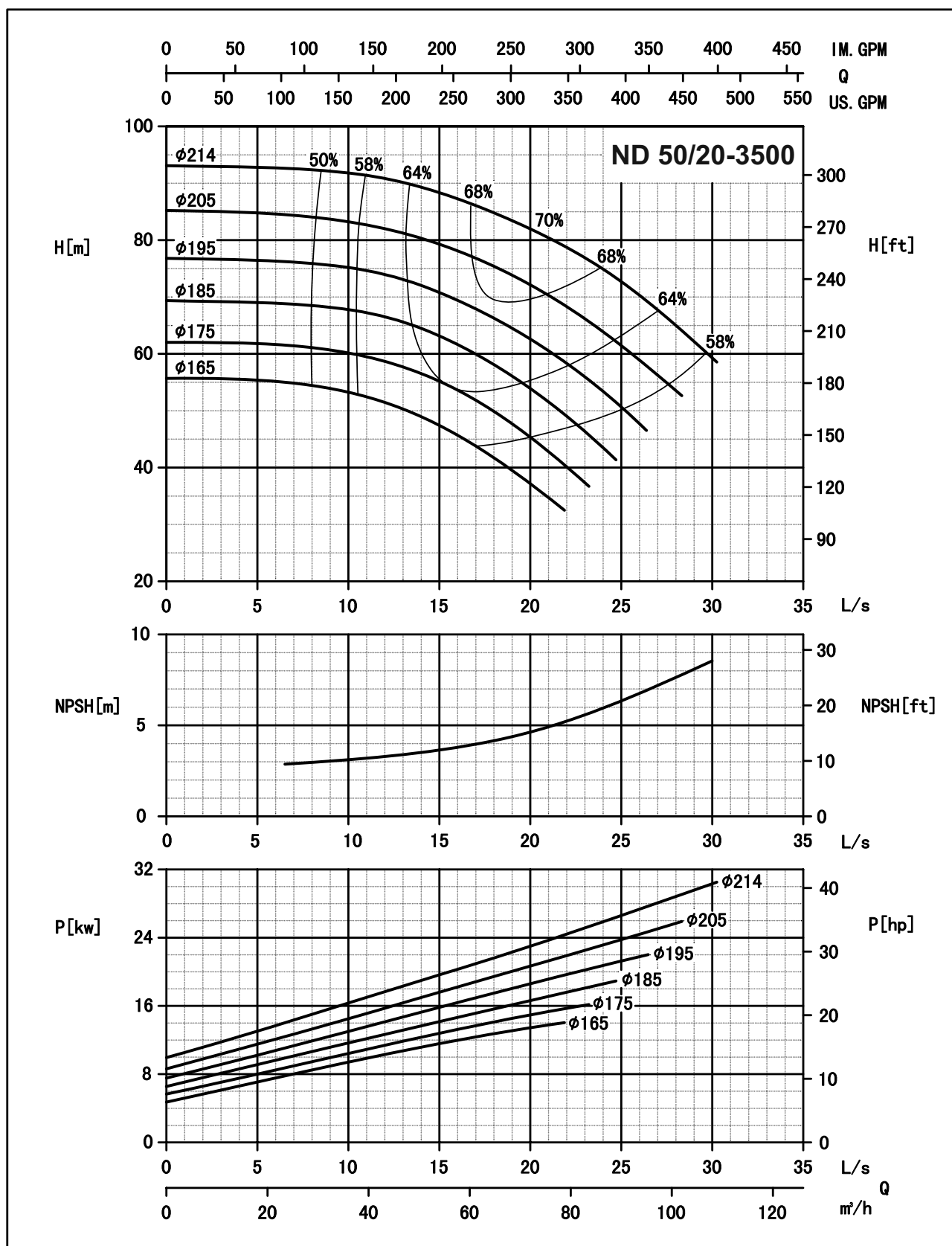
Performance Curves

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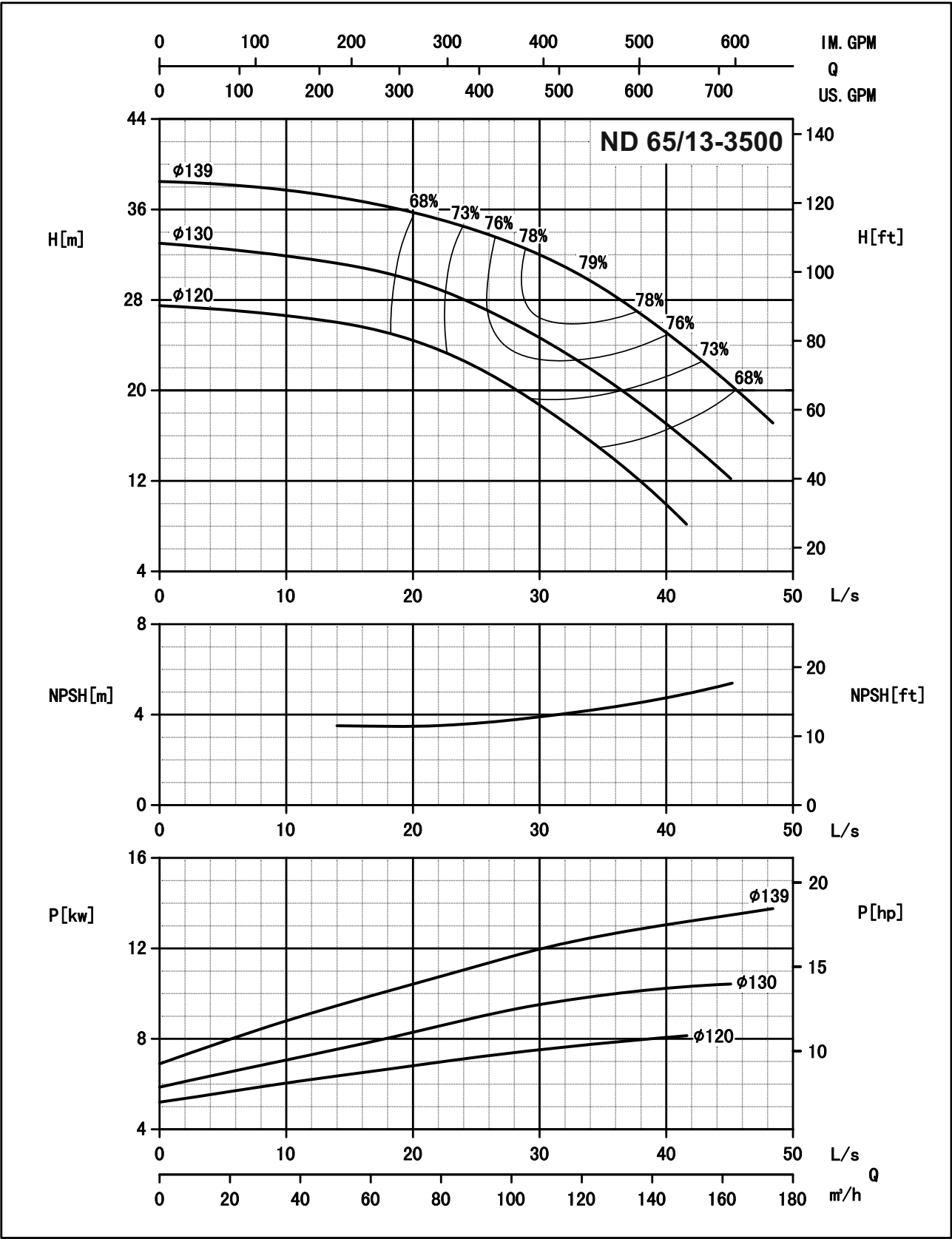
Performance Curves

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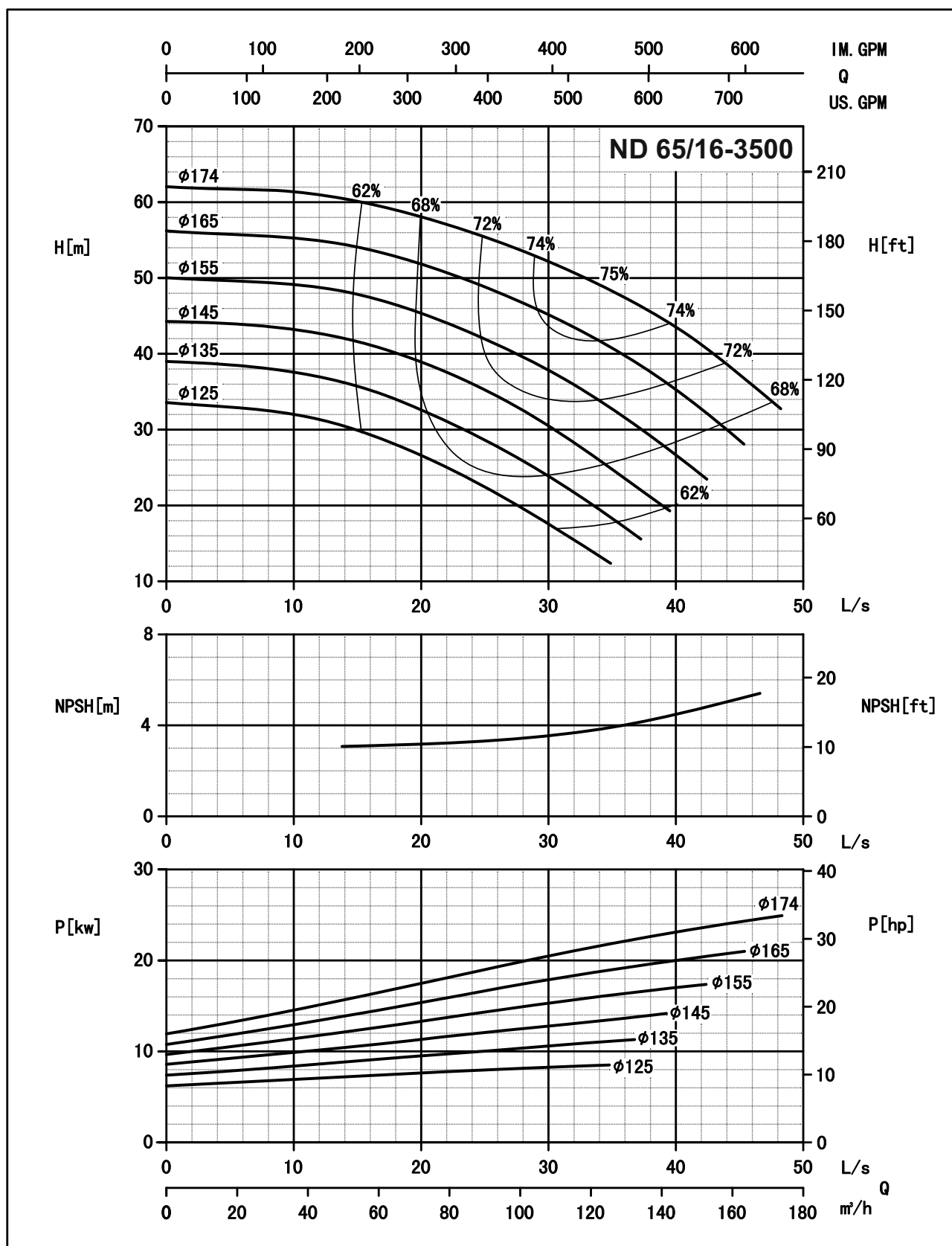
Performance Curves

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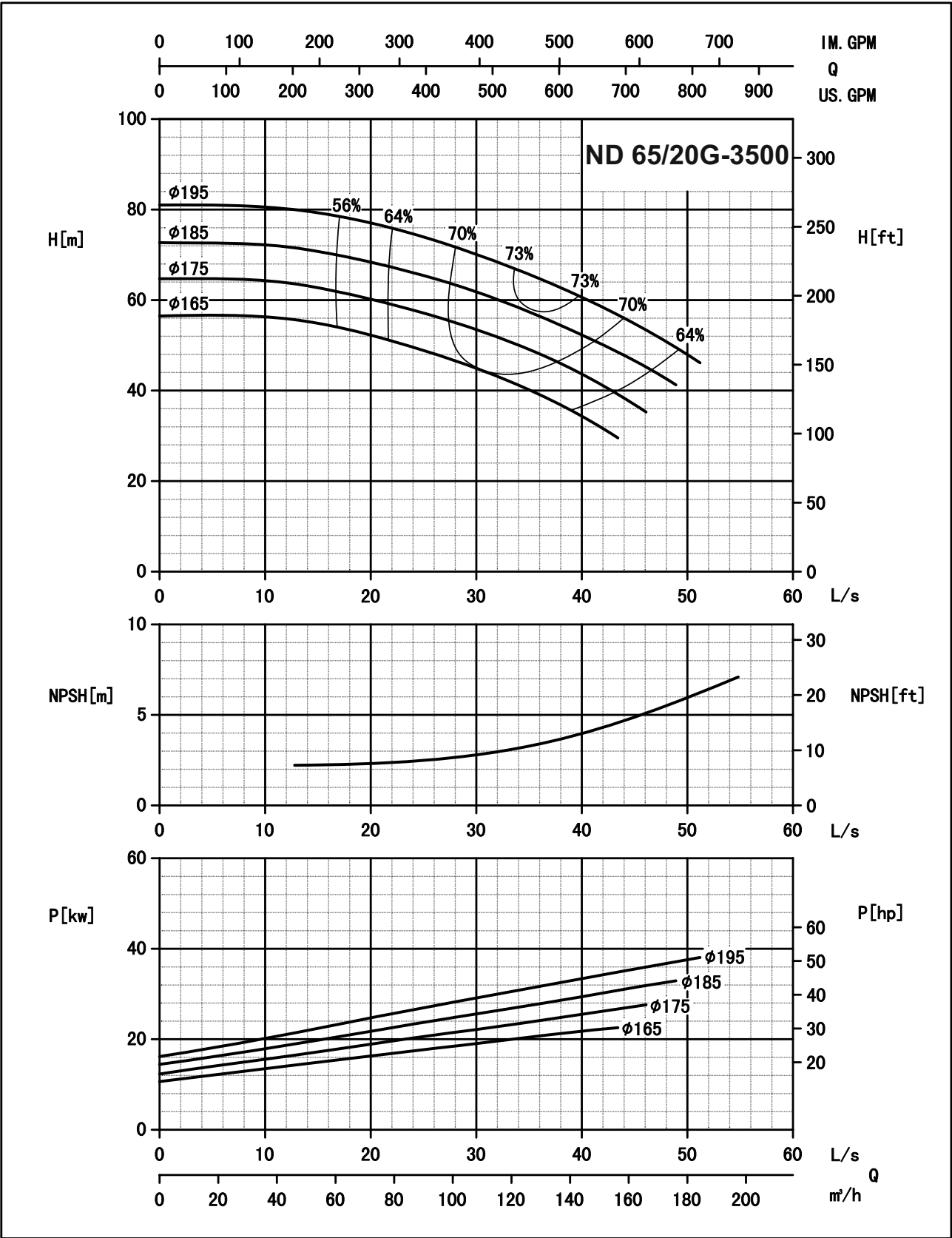
Performance Curves

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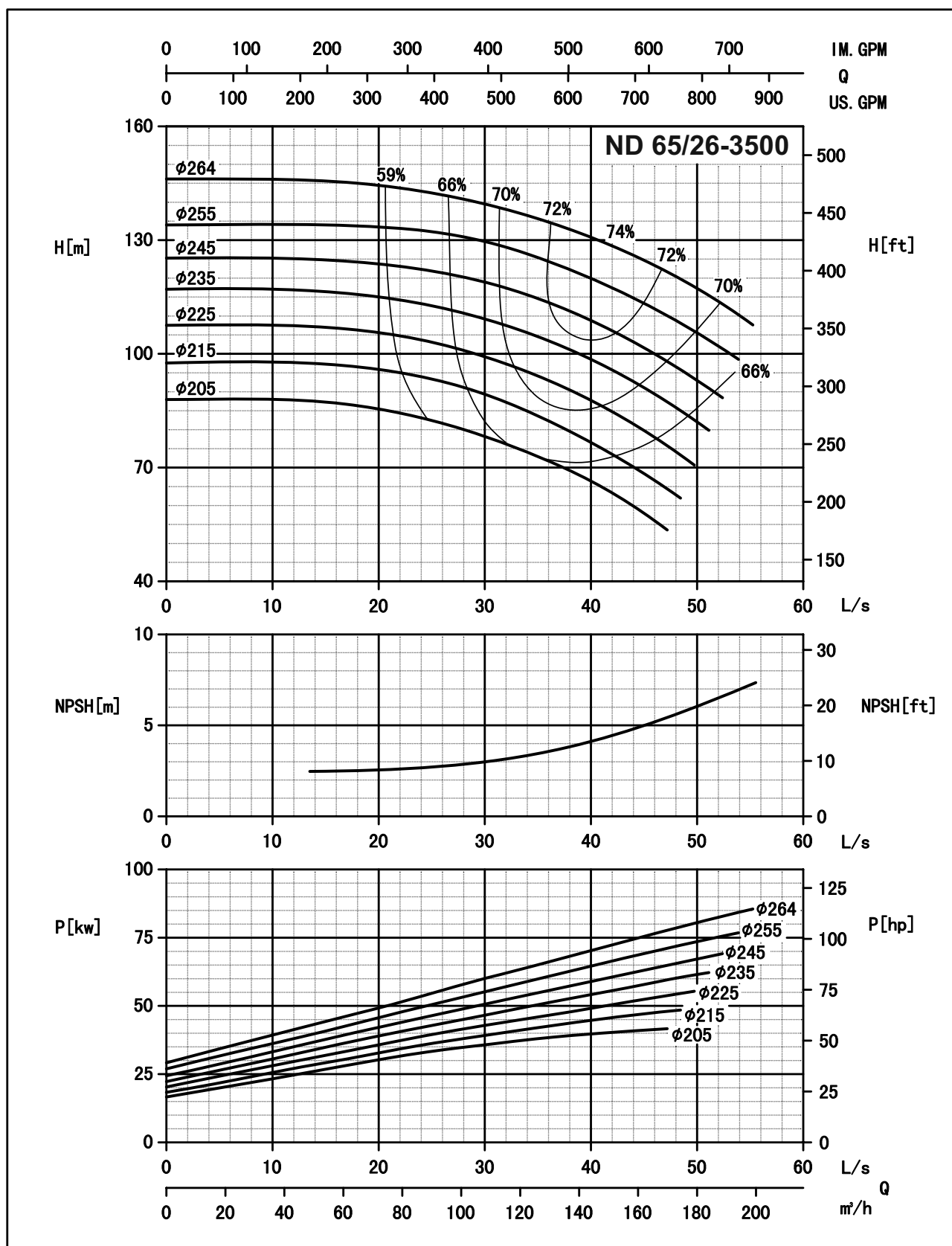
Performance Curves

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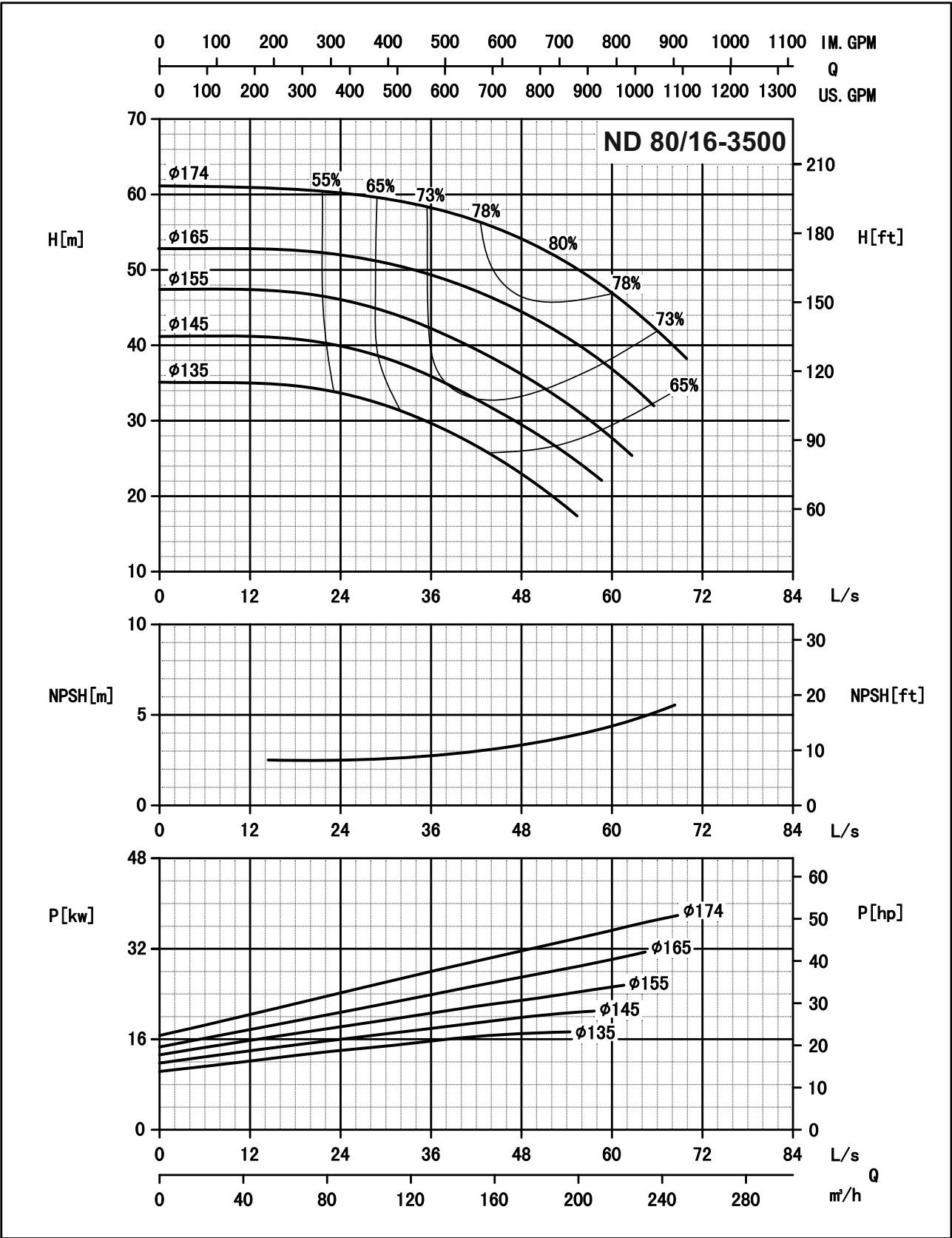
Performance Curves

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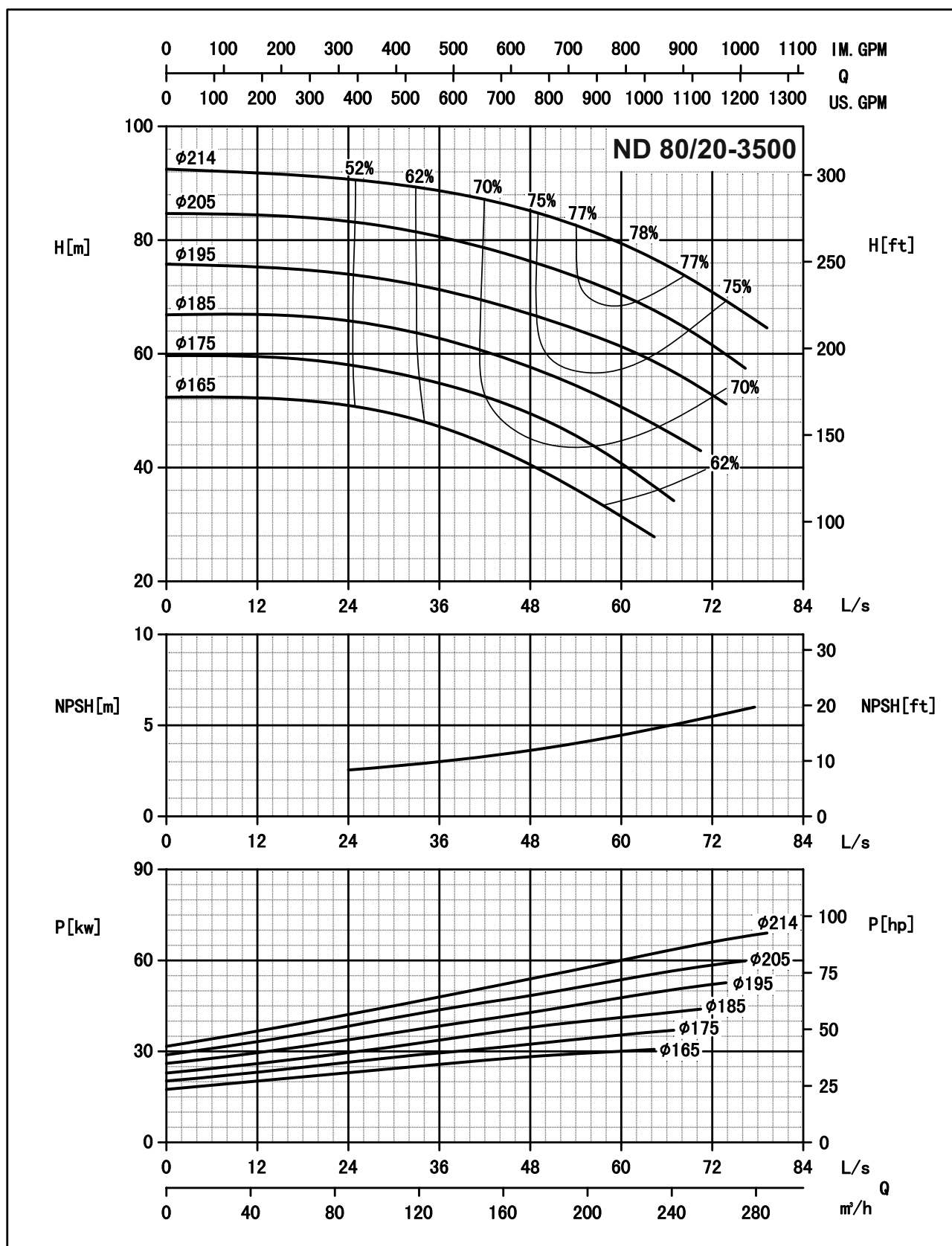
Performance Curves

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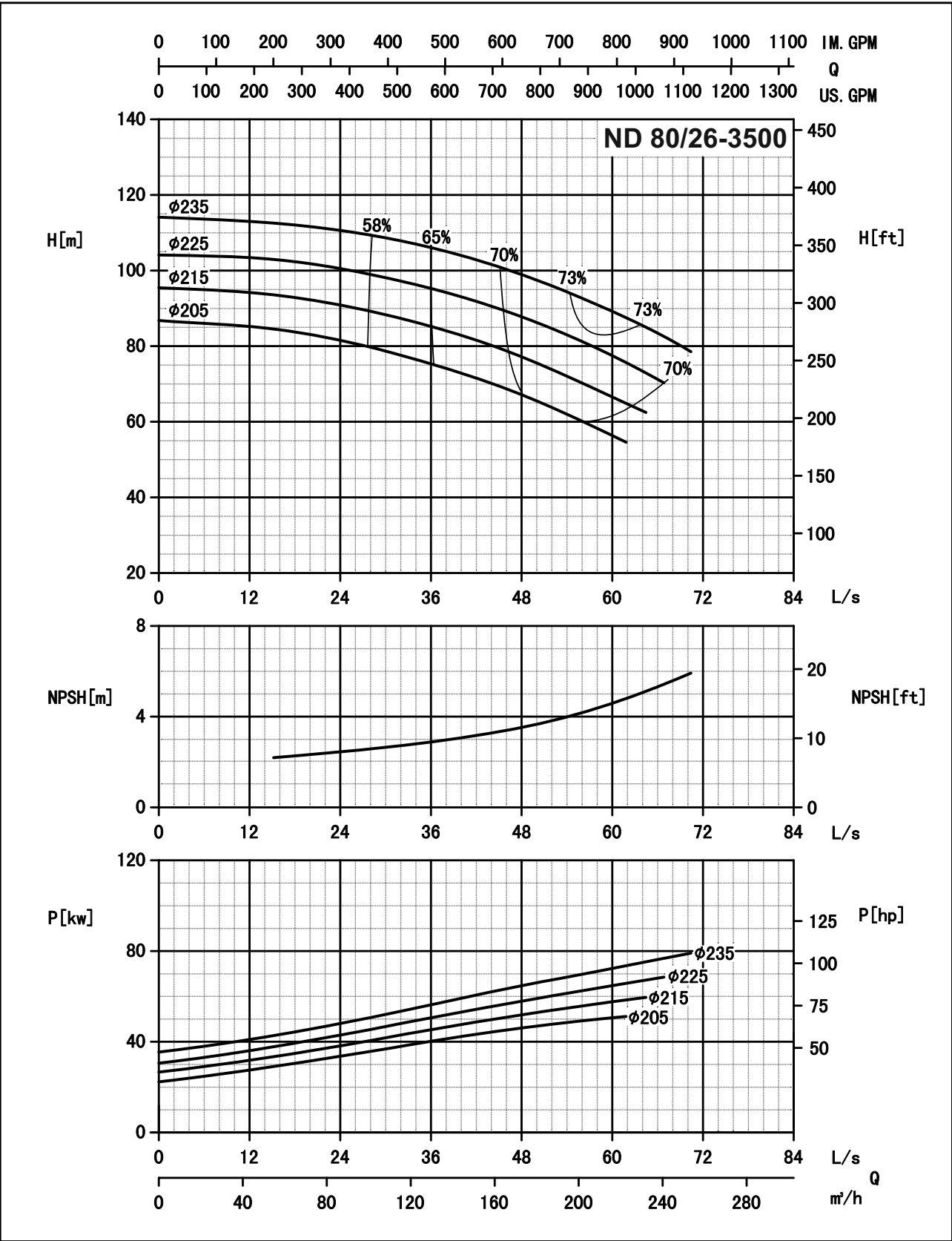
Performance Curves

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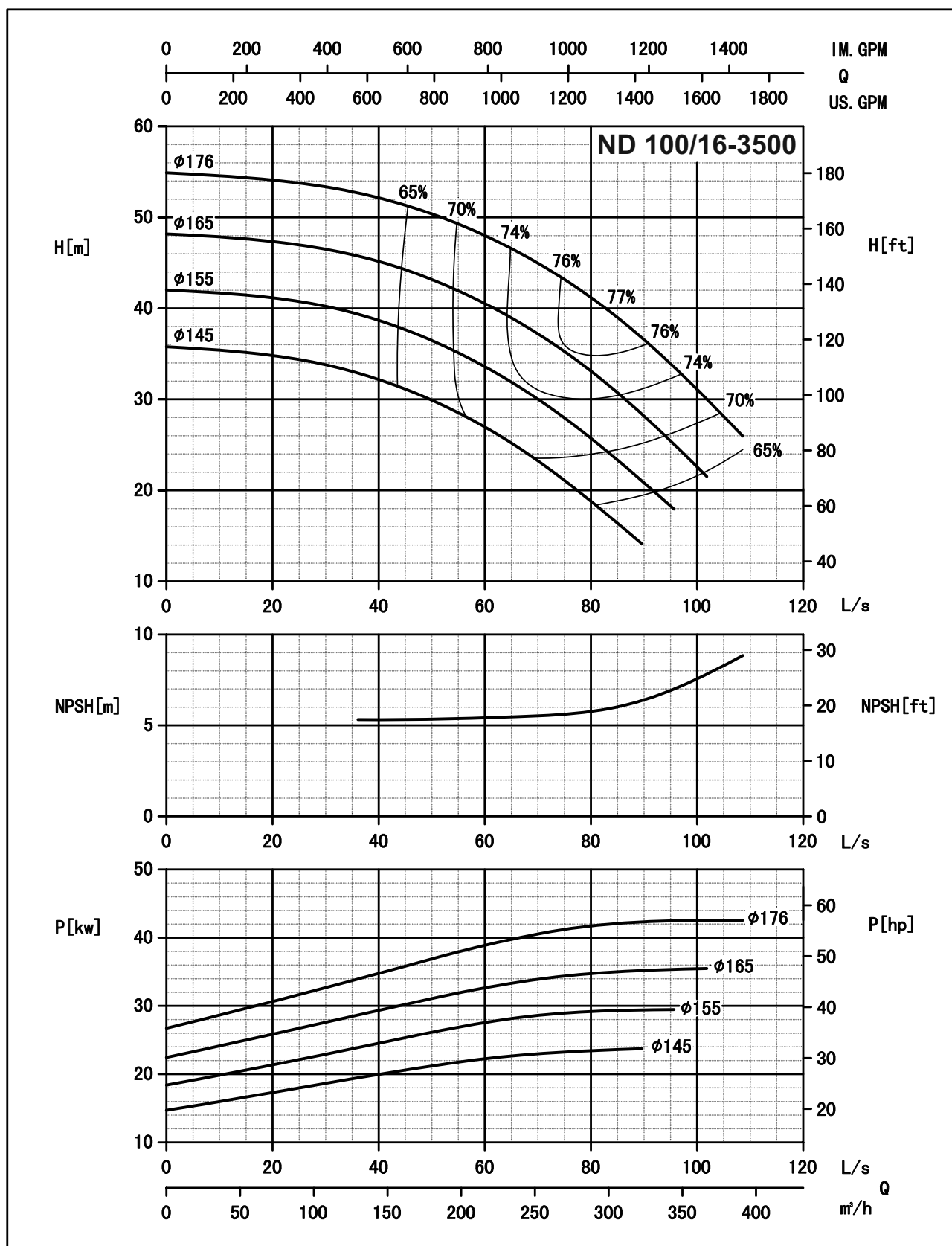
Performance Curves

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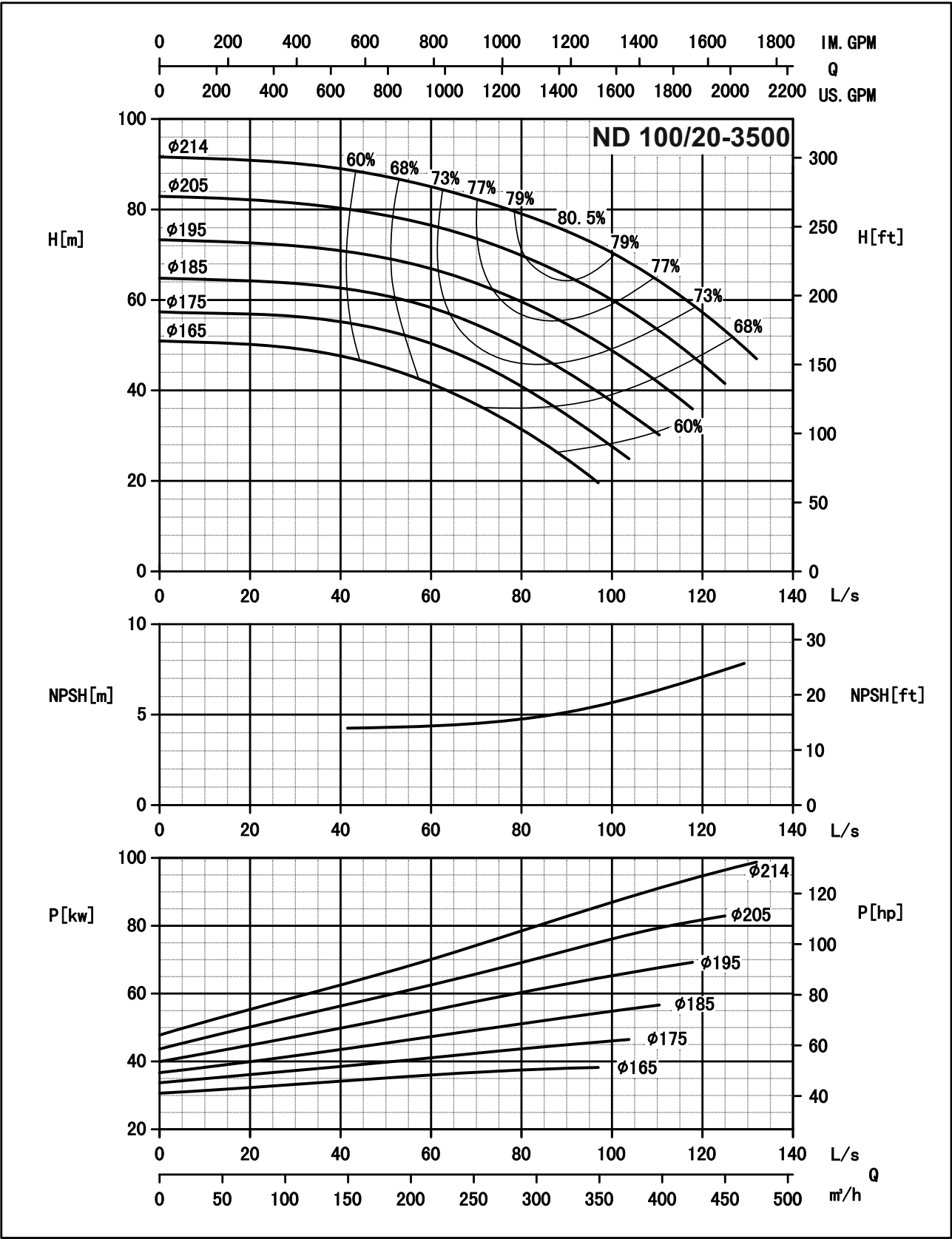
Performance Curves

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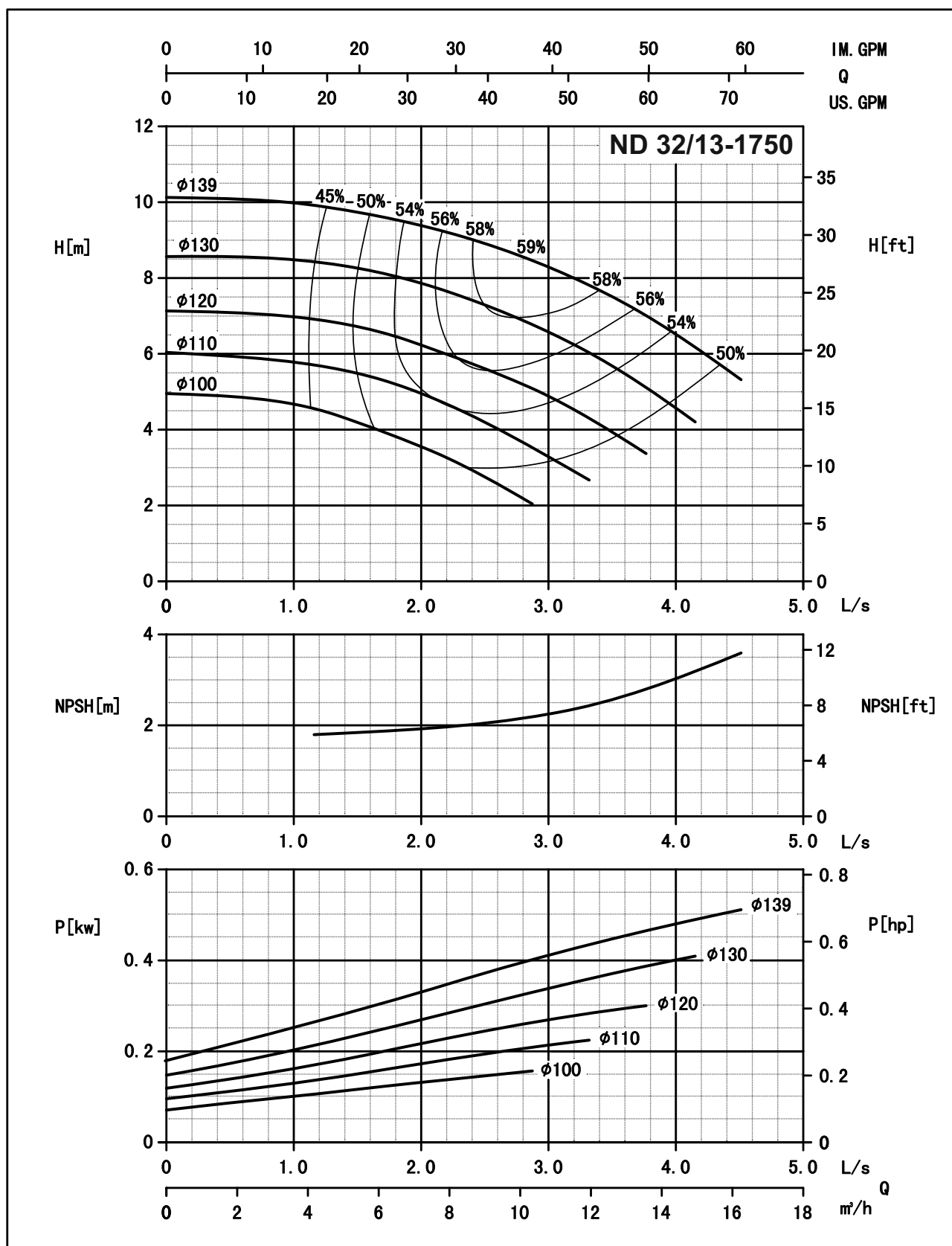
Performance Curves

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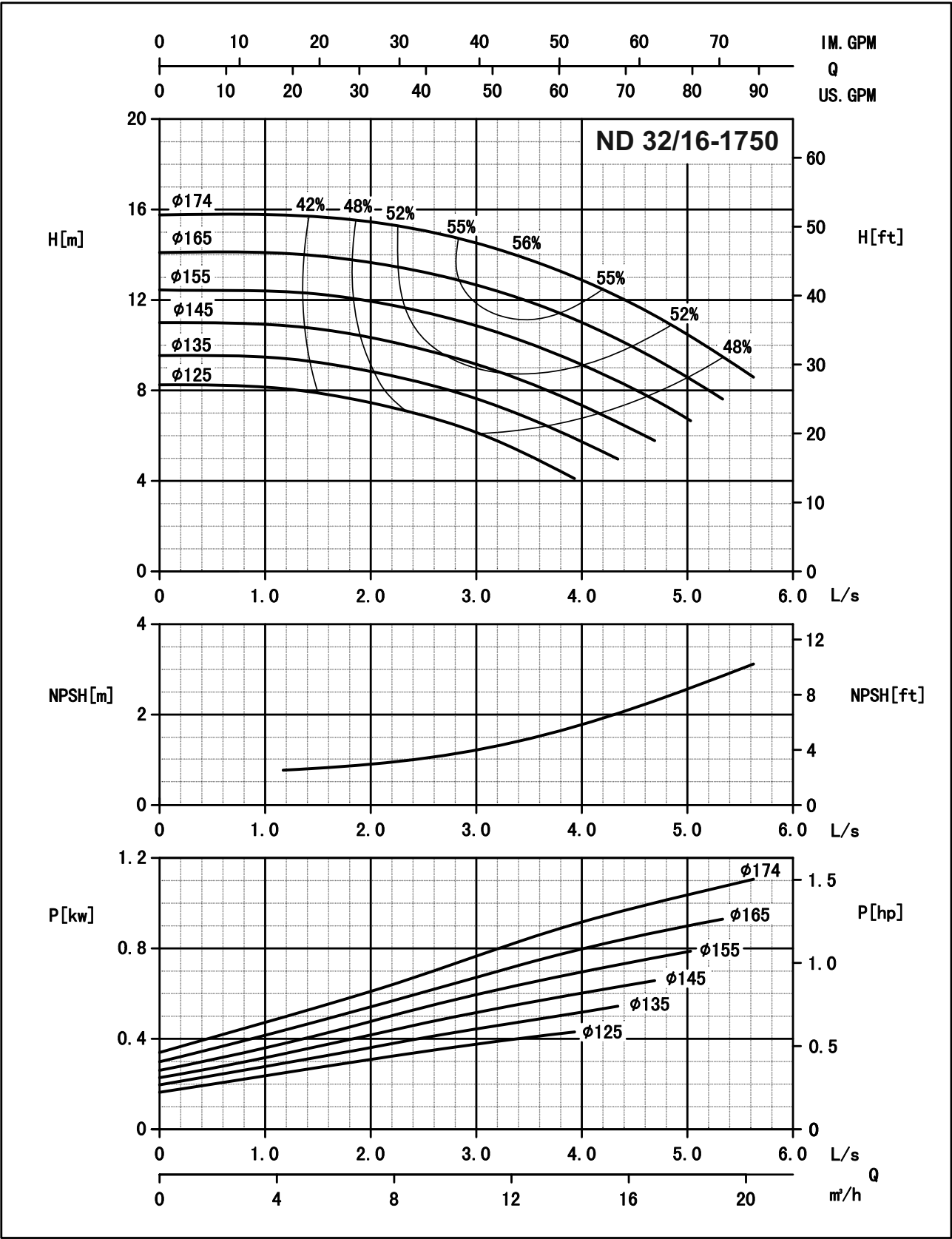
Performance Curves

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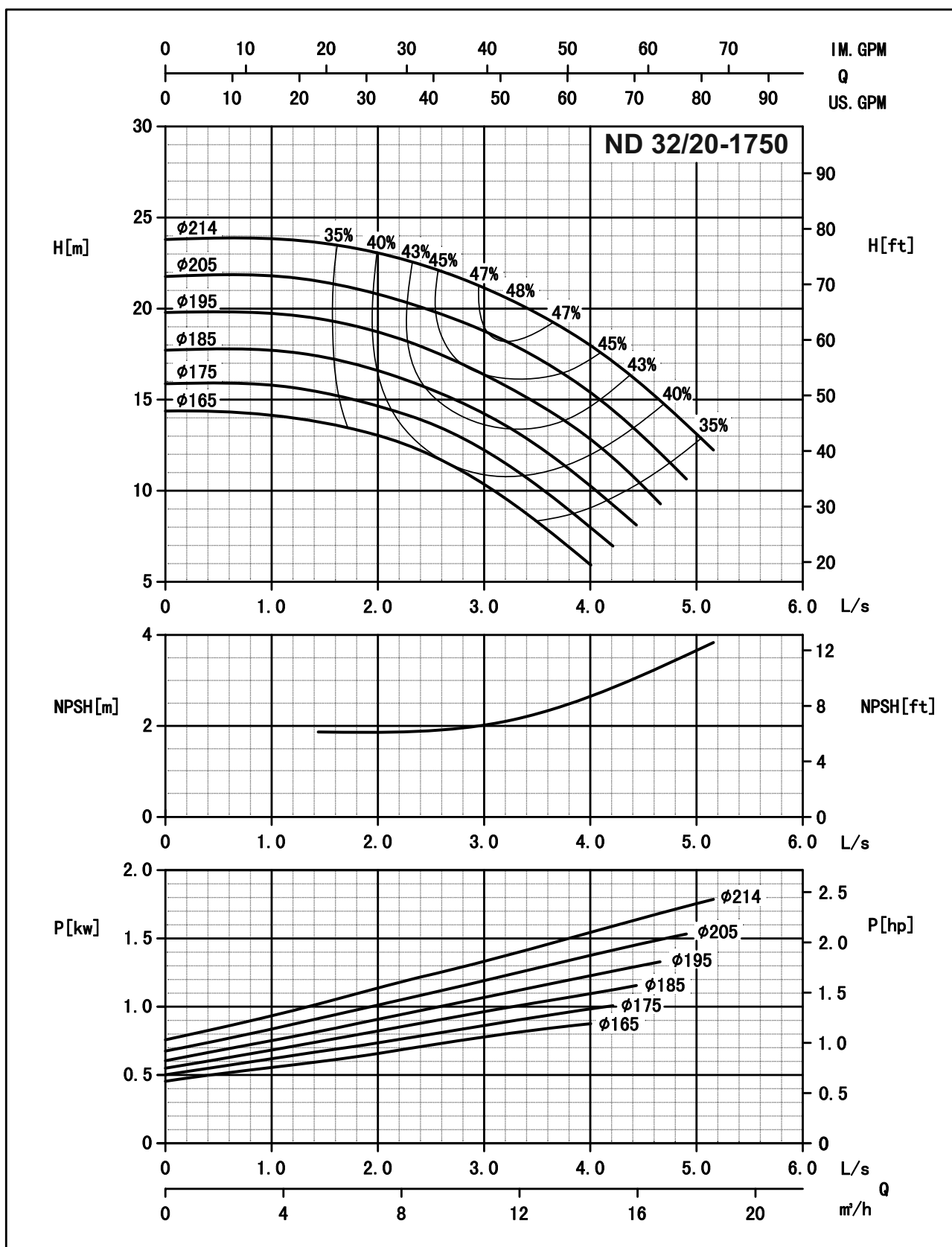
Performance Curves

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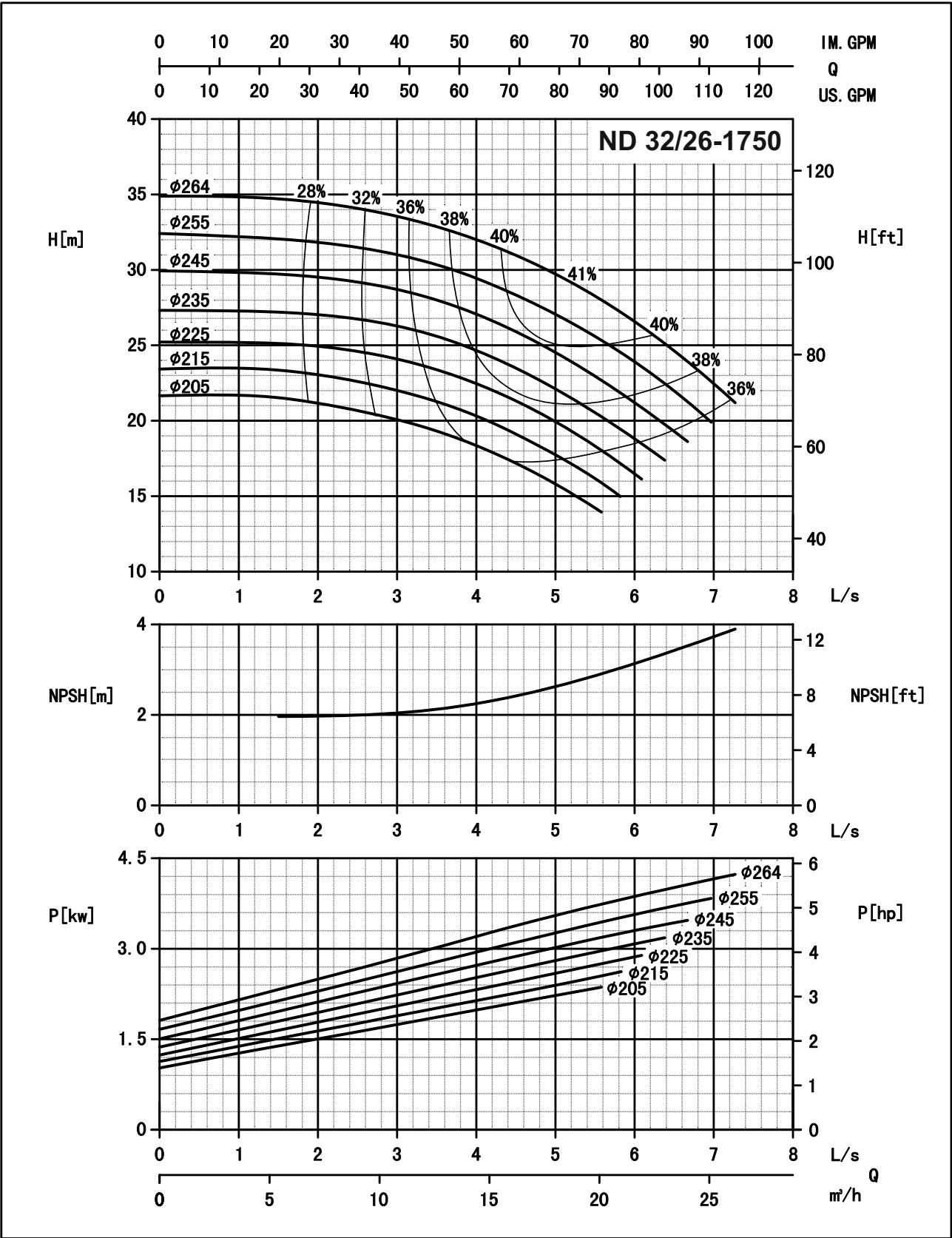
Performance Curves

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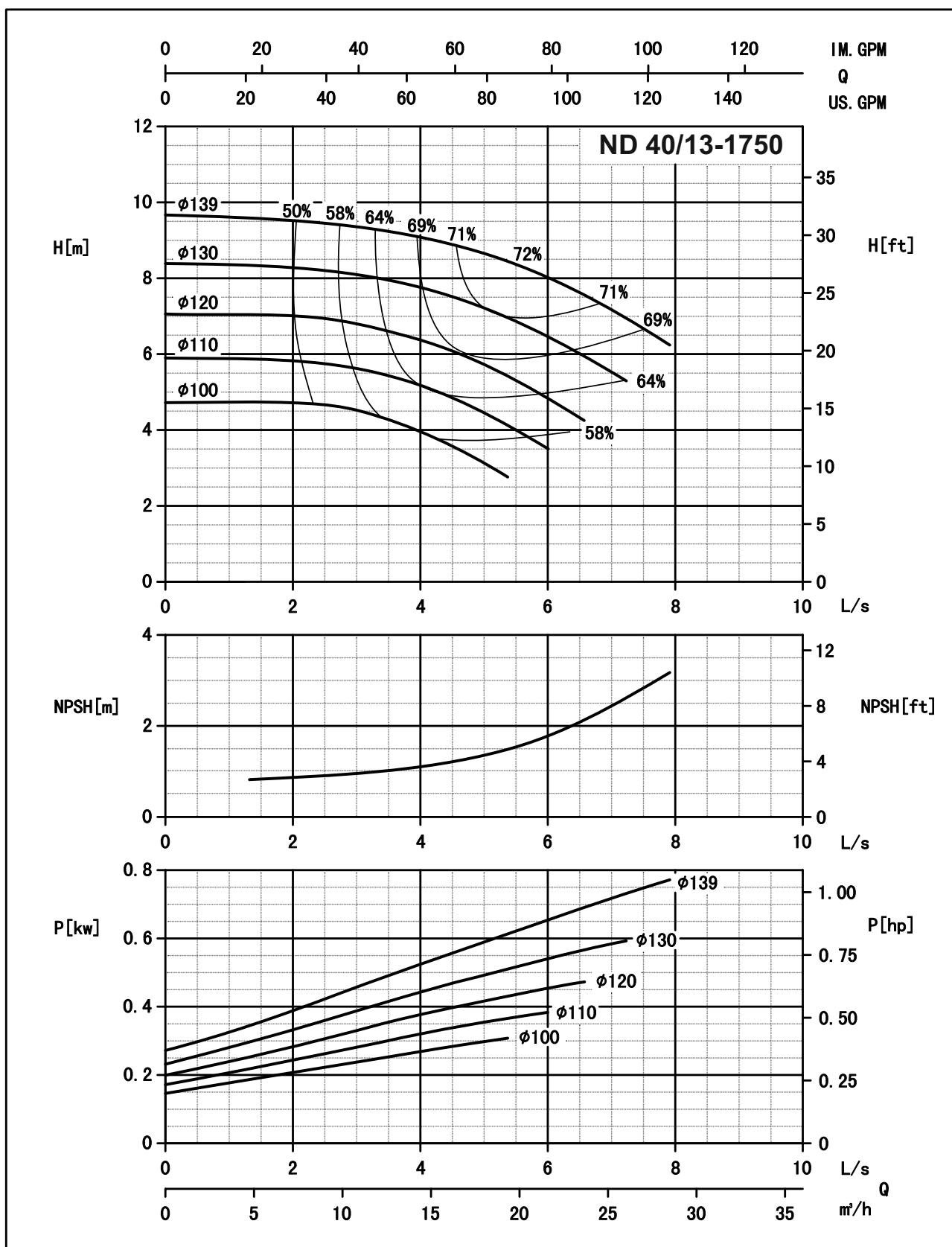
Performance Curves

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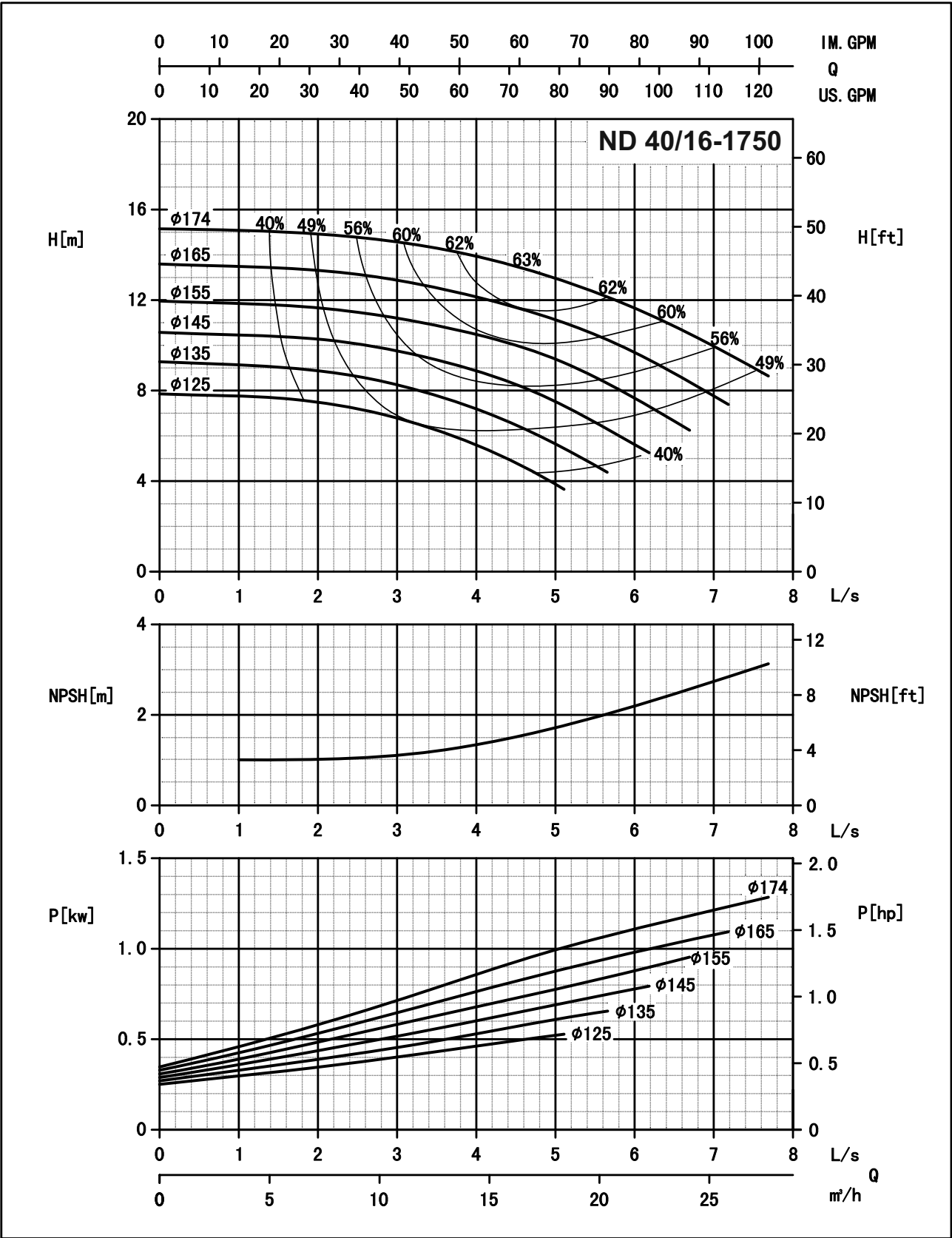
Performance Curves

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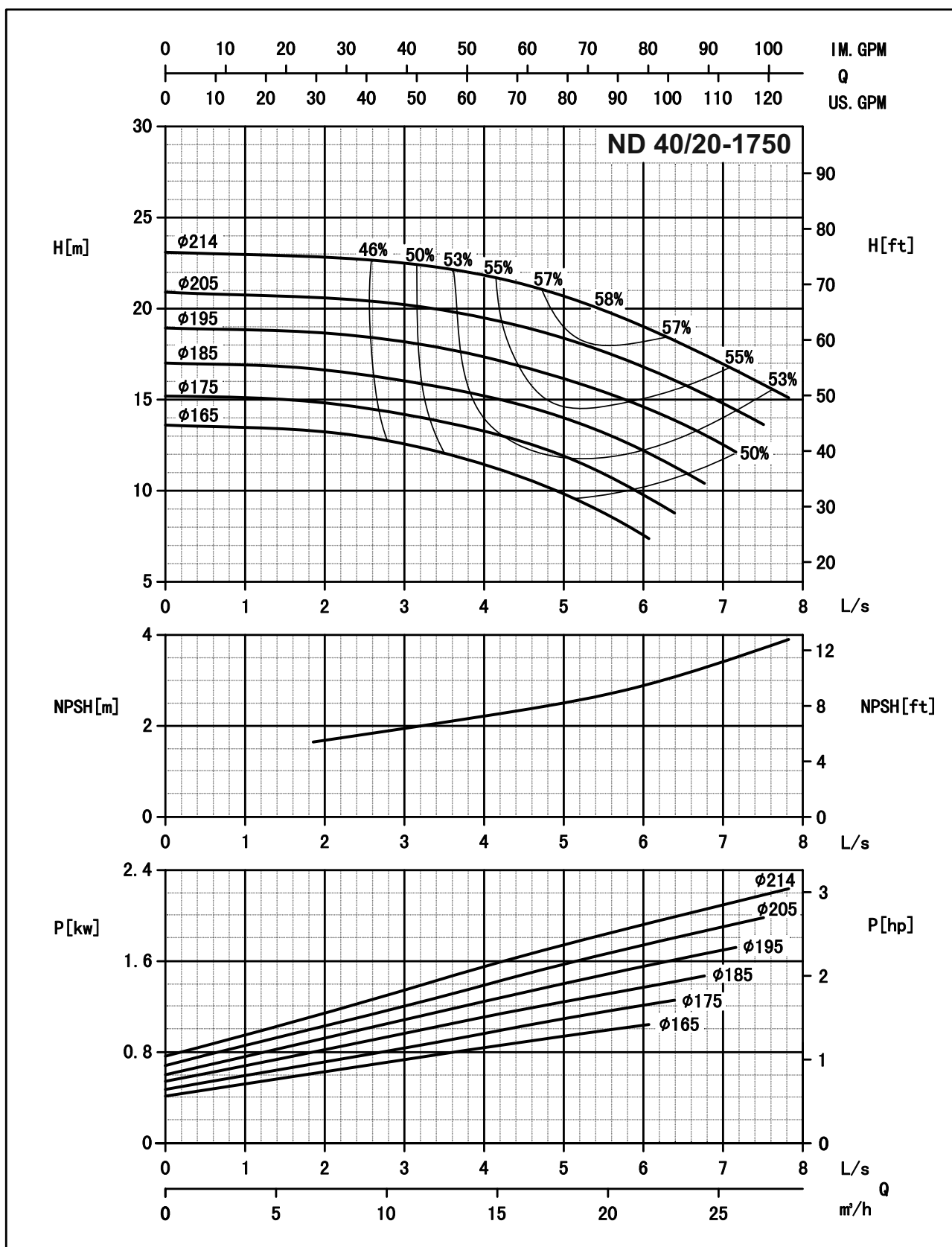
Performance Curves

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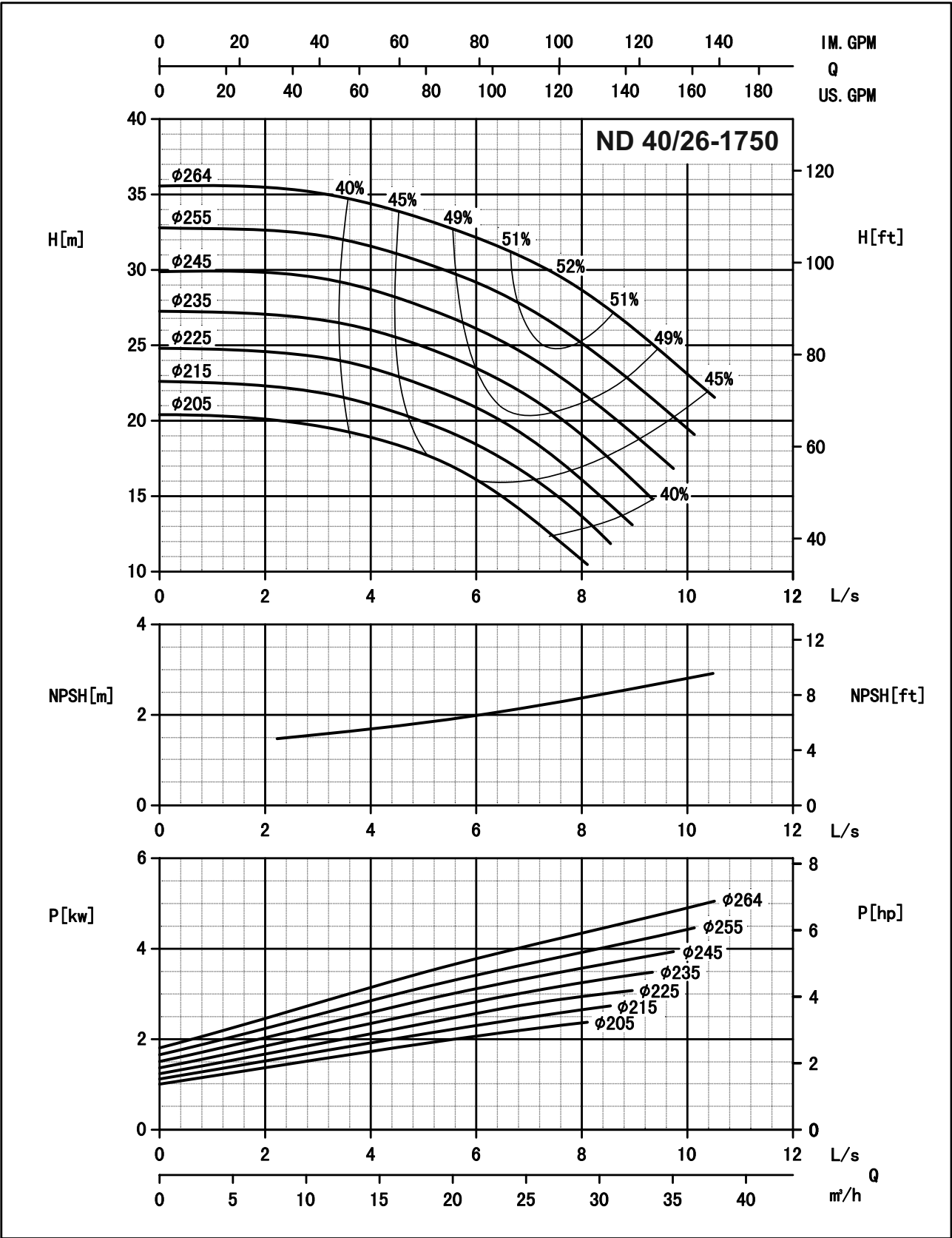
Performance Curves

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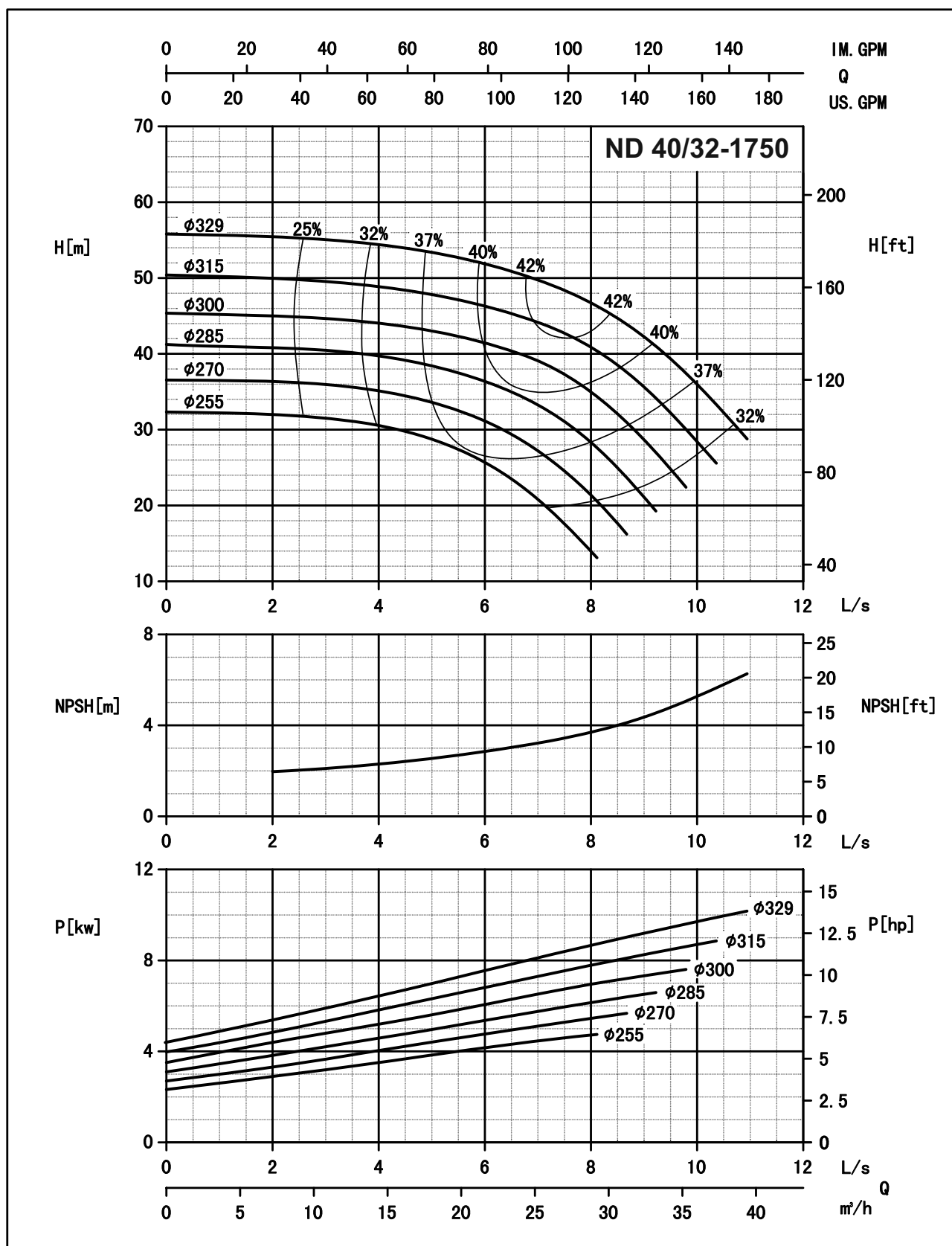
Performance Curves

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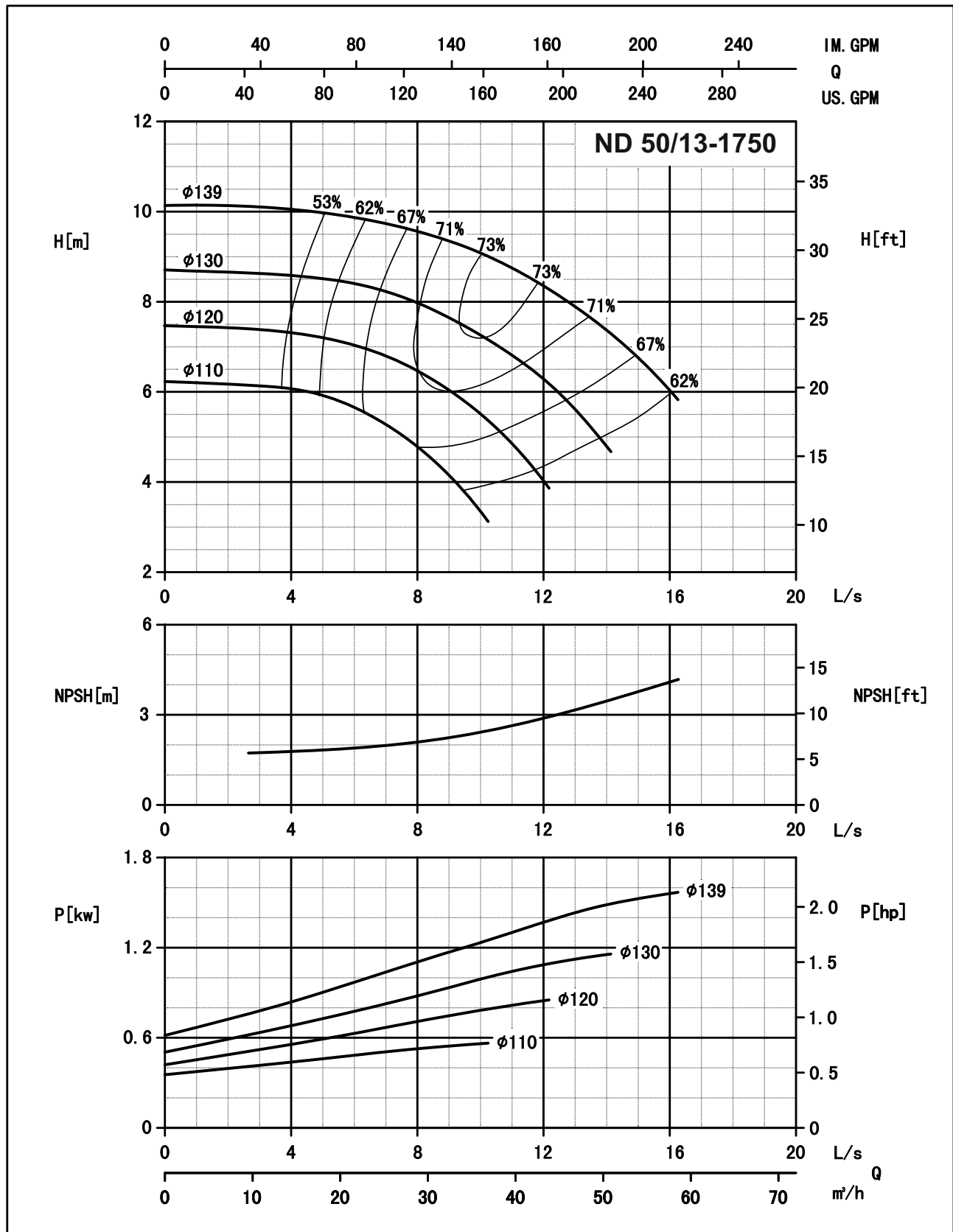
Performance Curves

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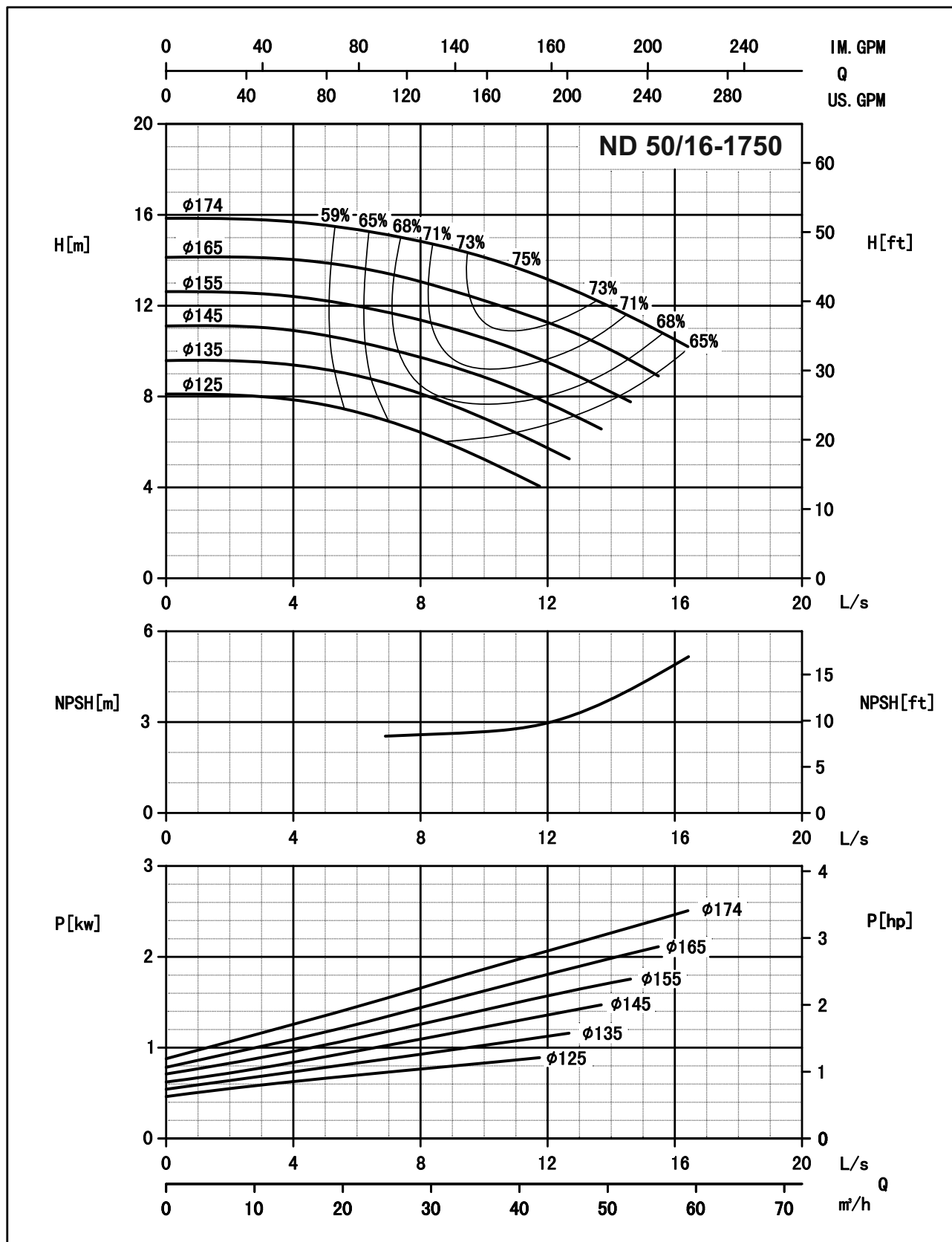
Performance Curves

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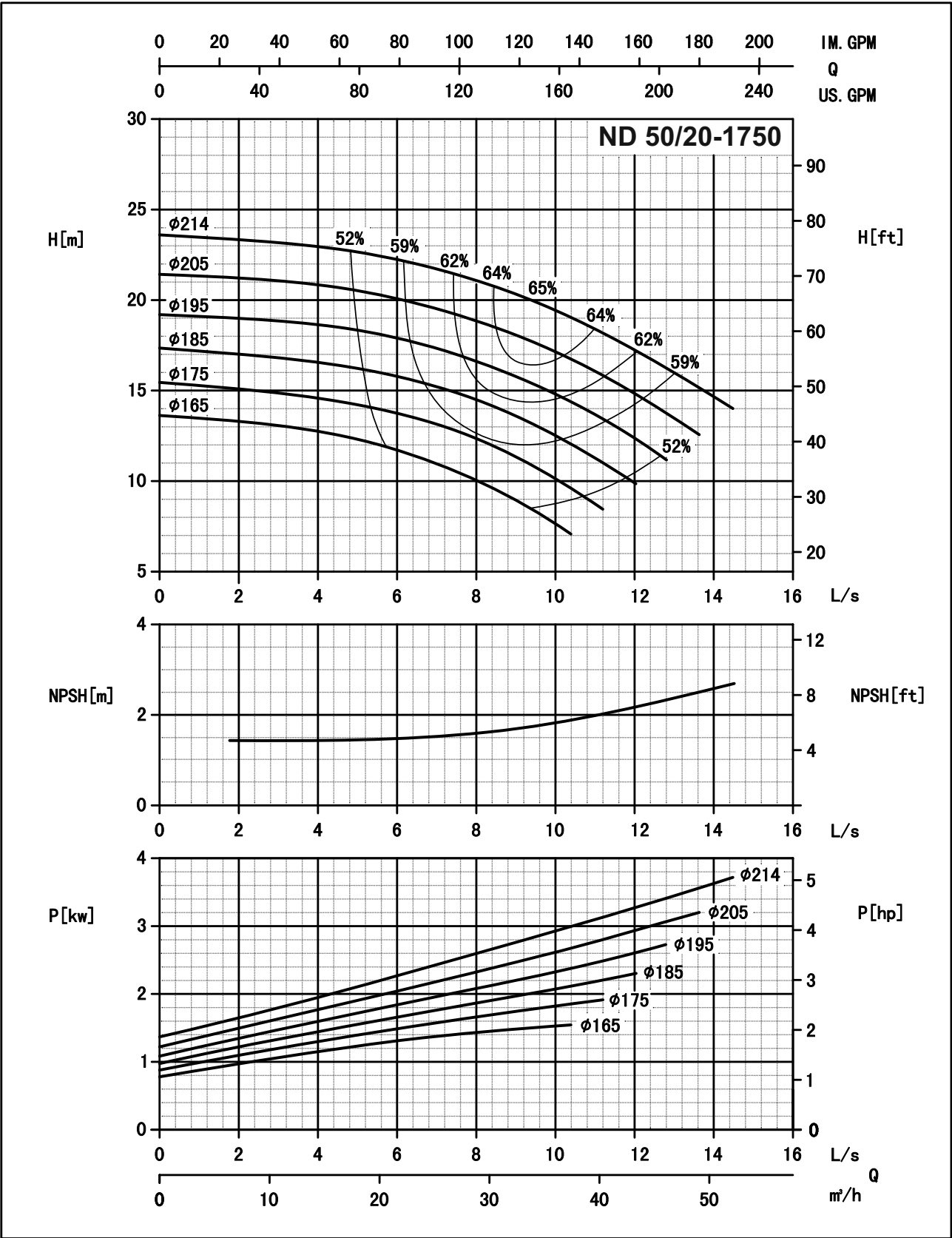
Performance Curves

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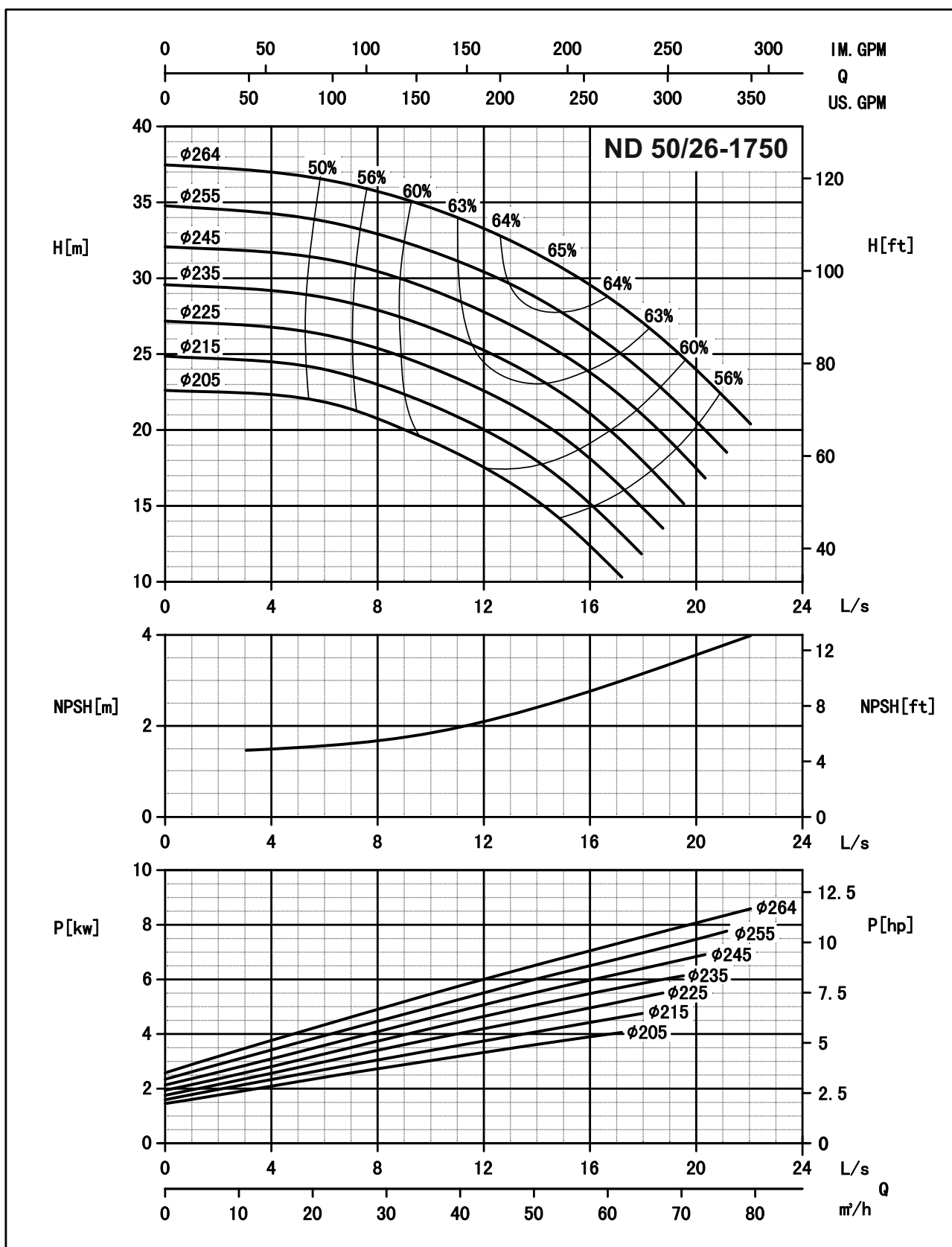
Performance Curves

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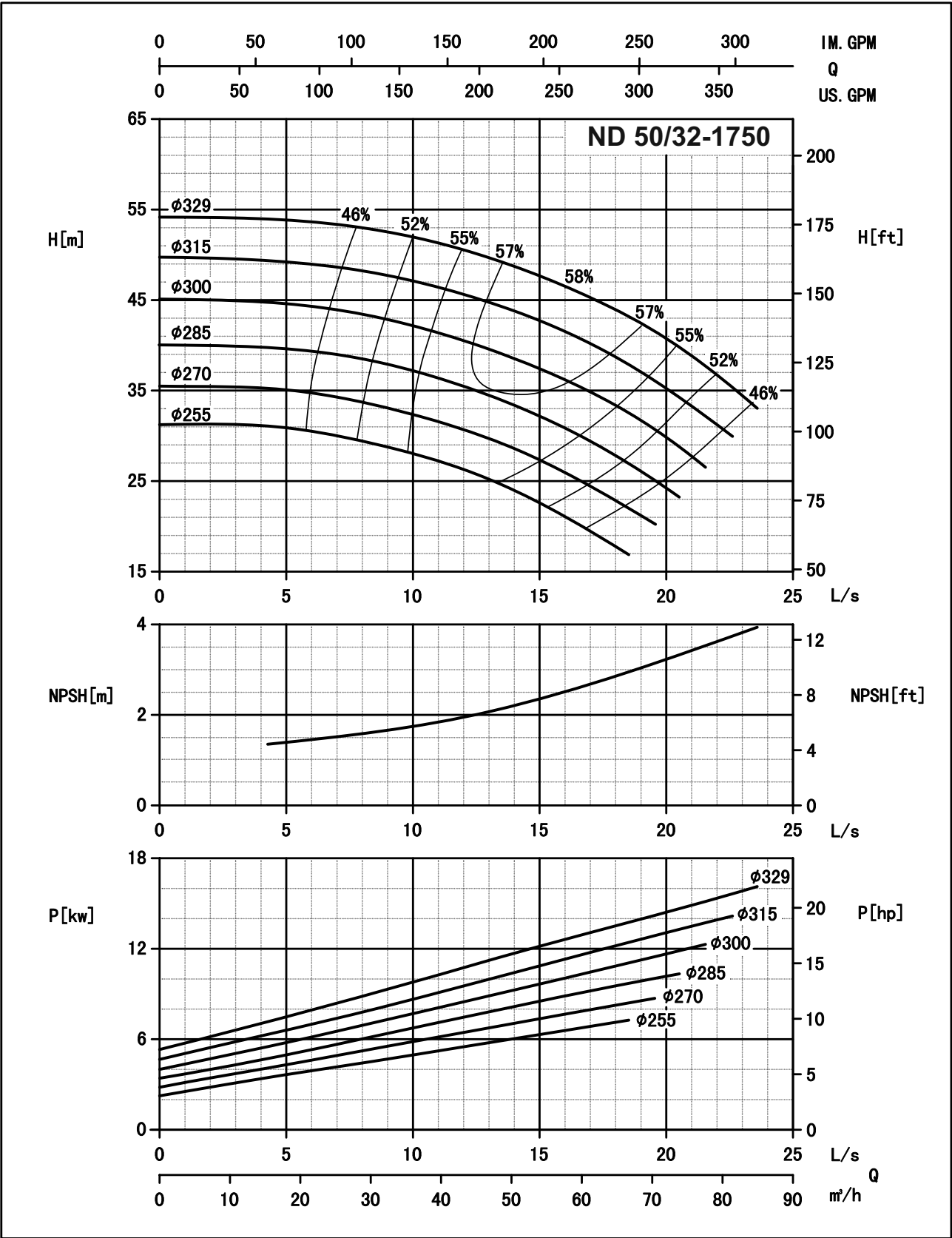
Performance Curves

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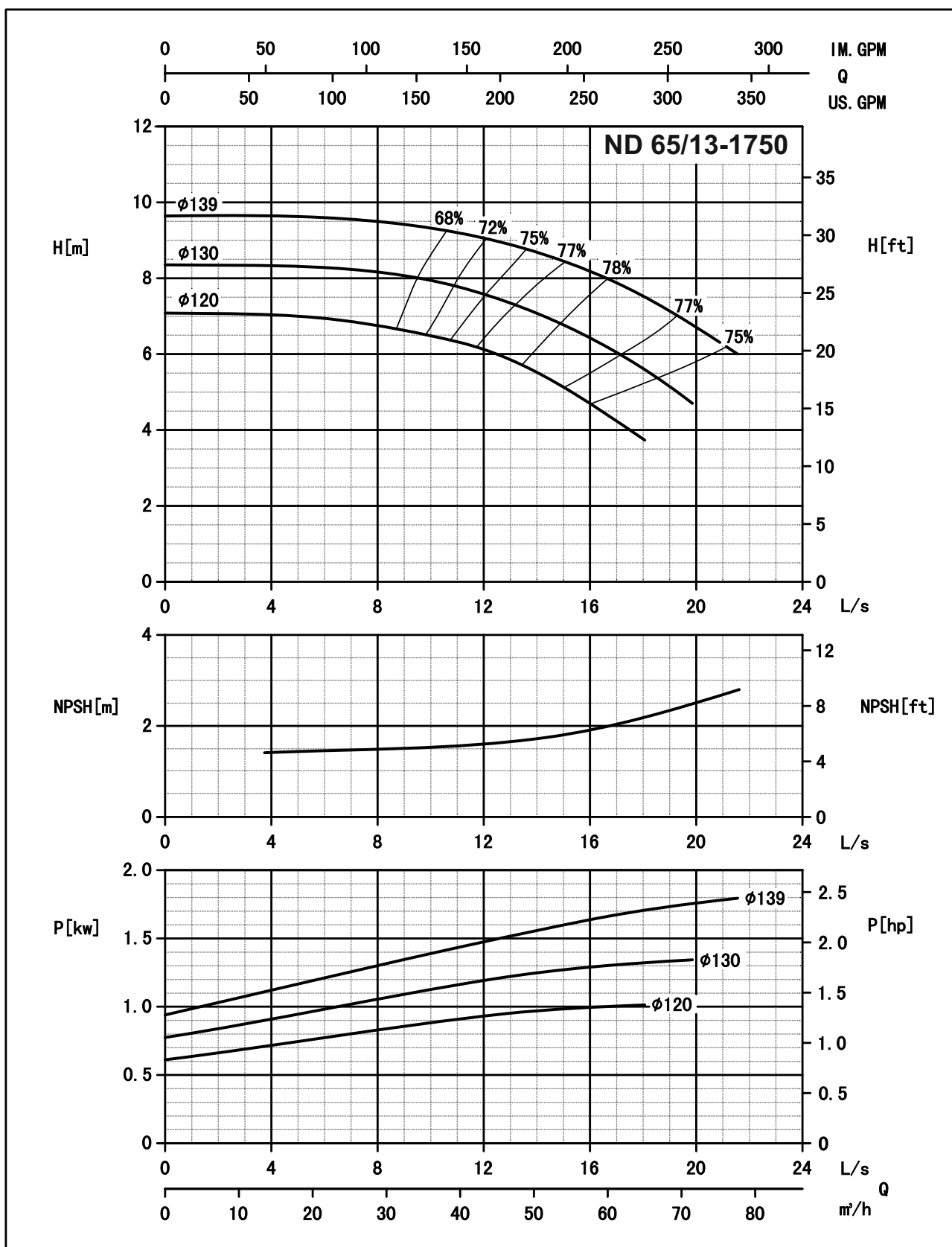
Performance Curves

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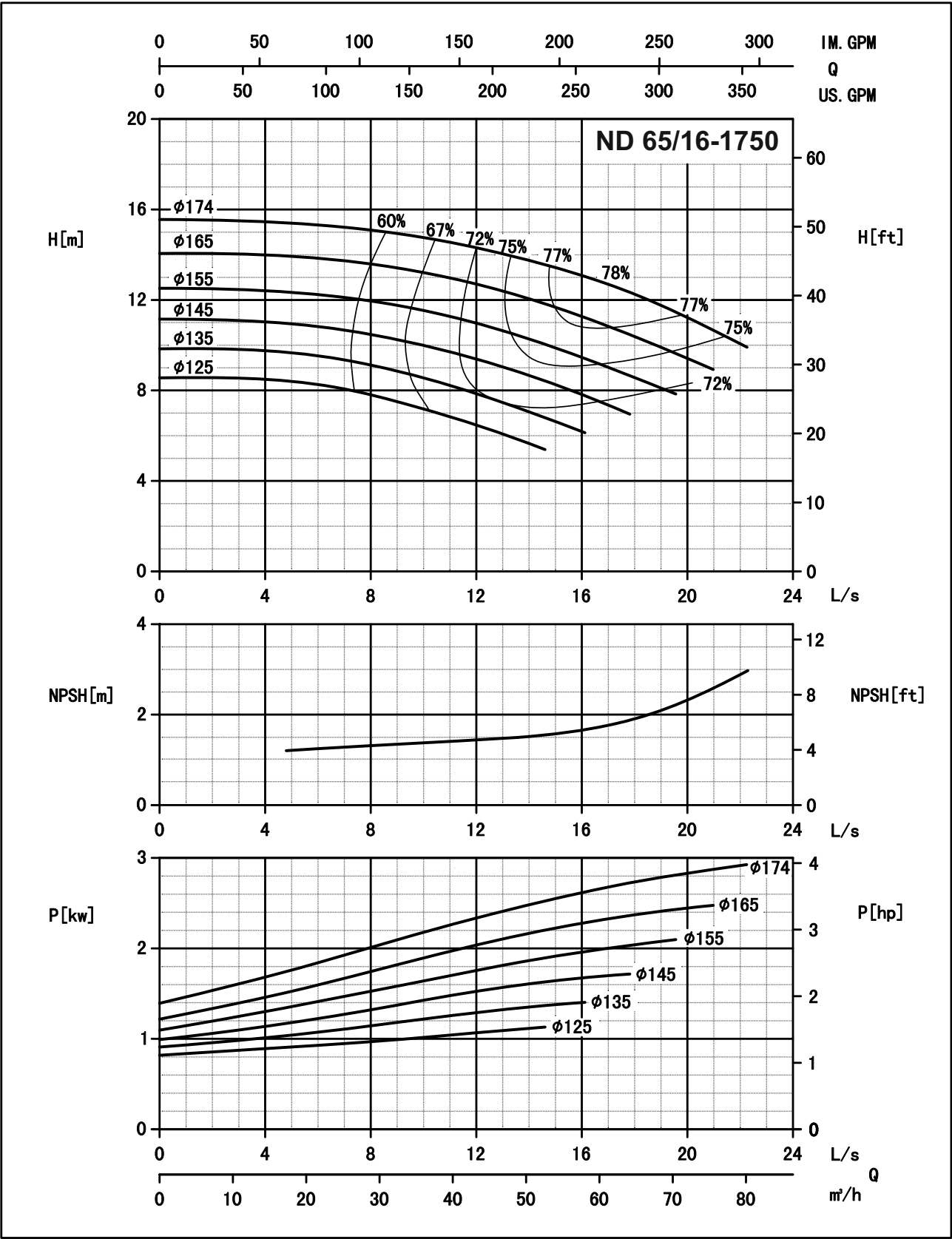
Performance Curves

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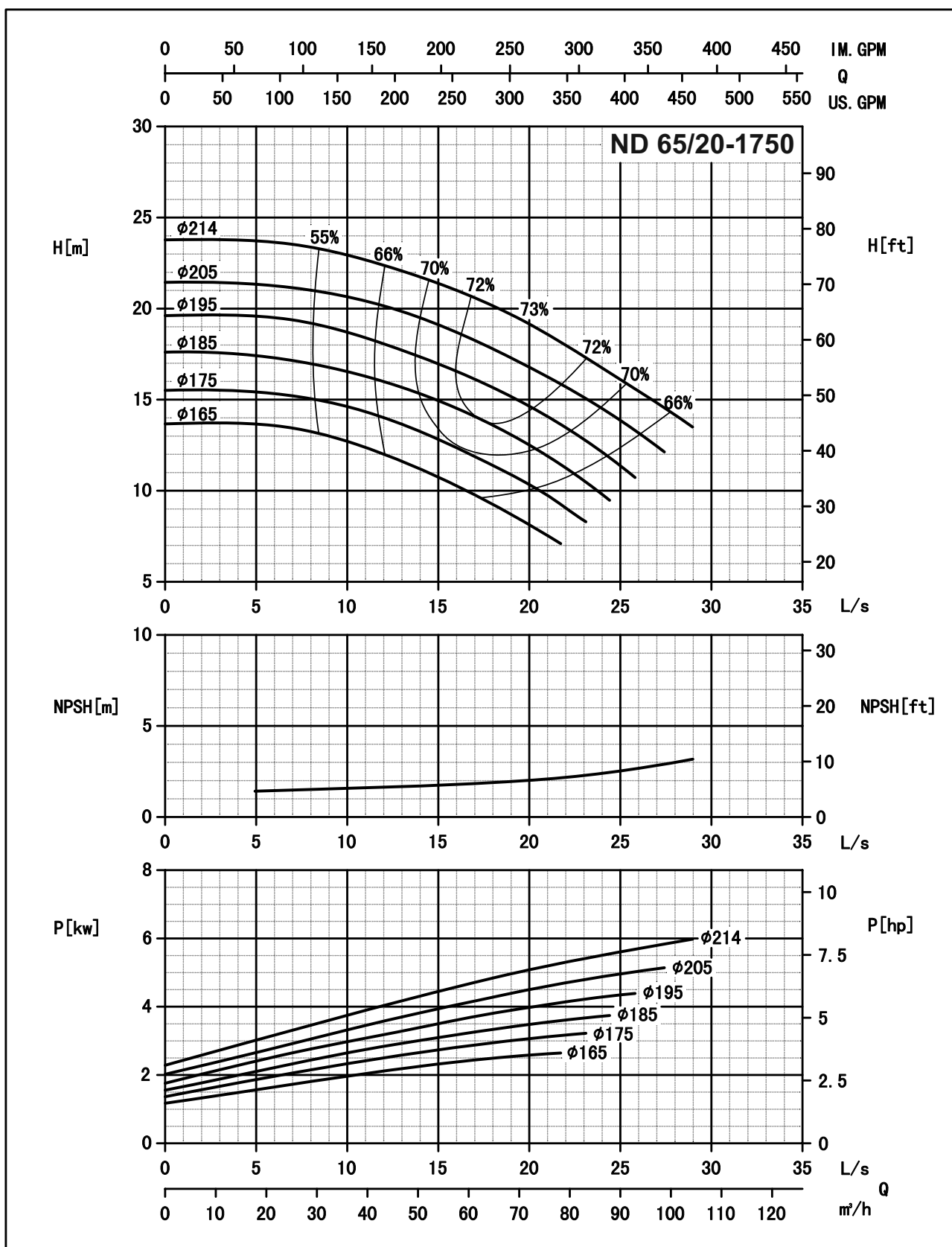
Performance Curves

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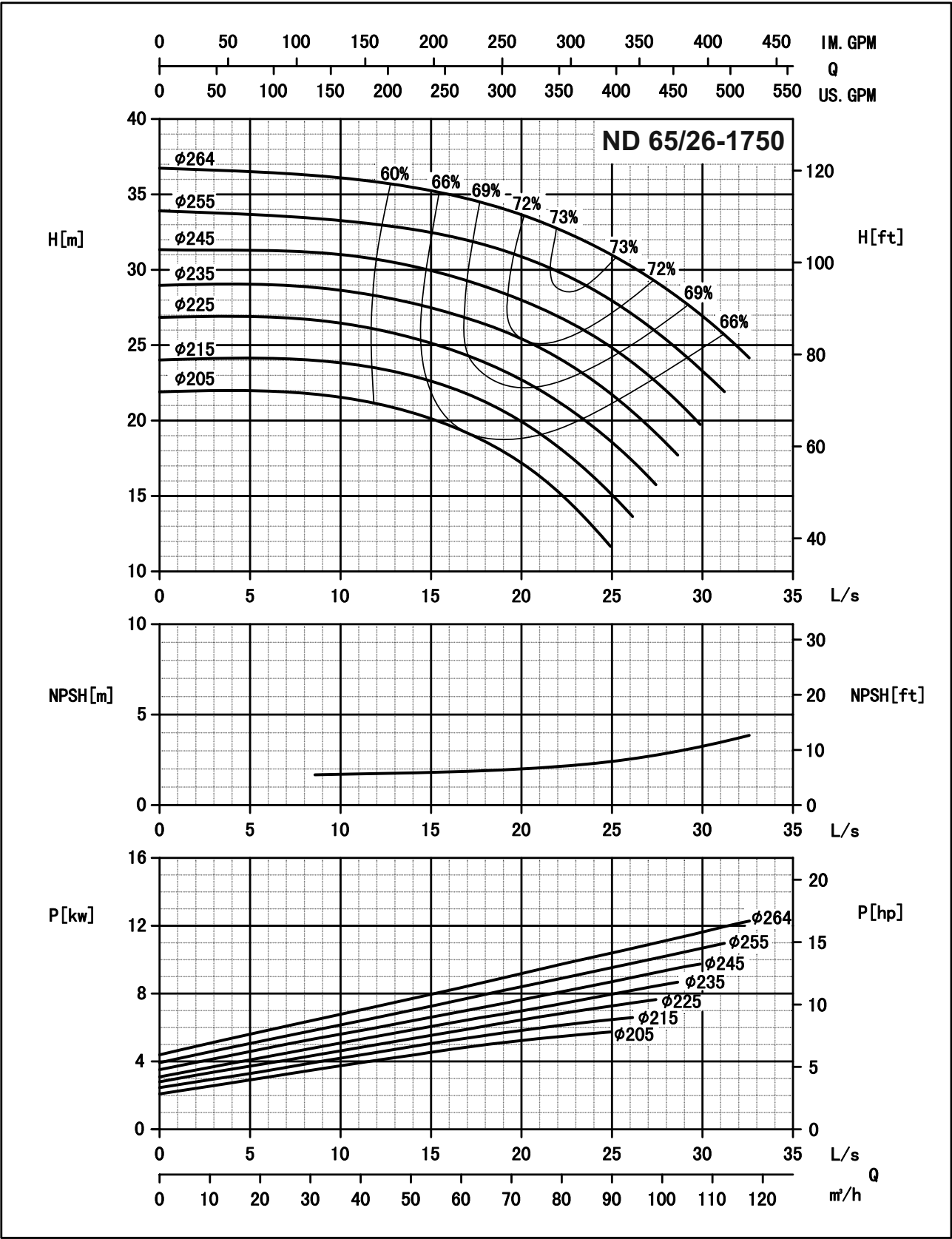
Performance Curves

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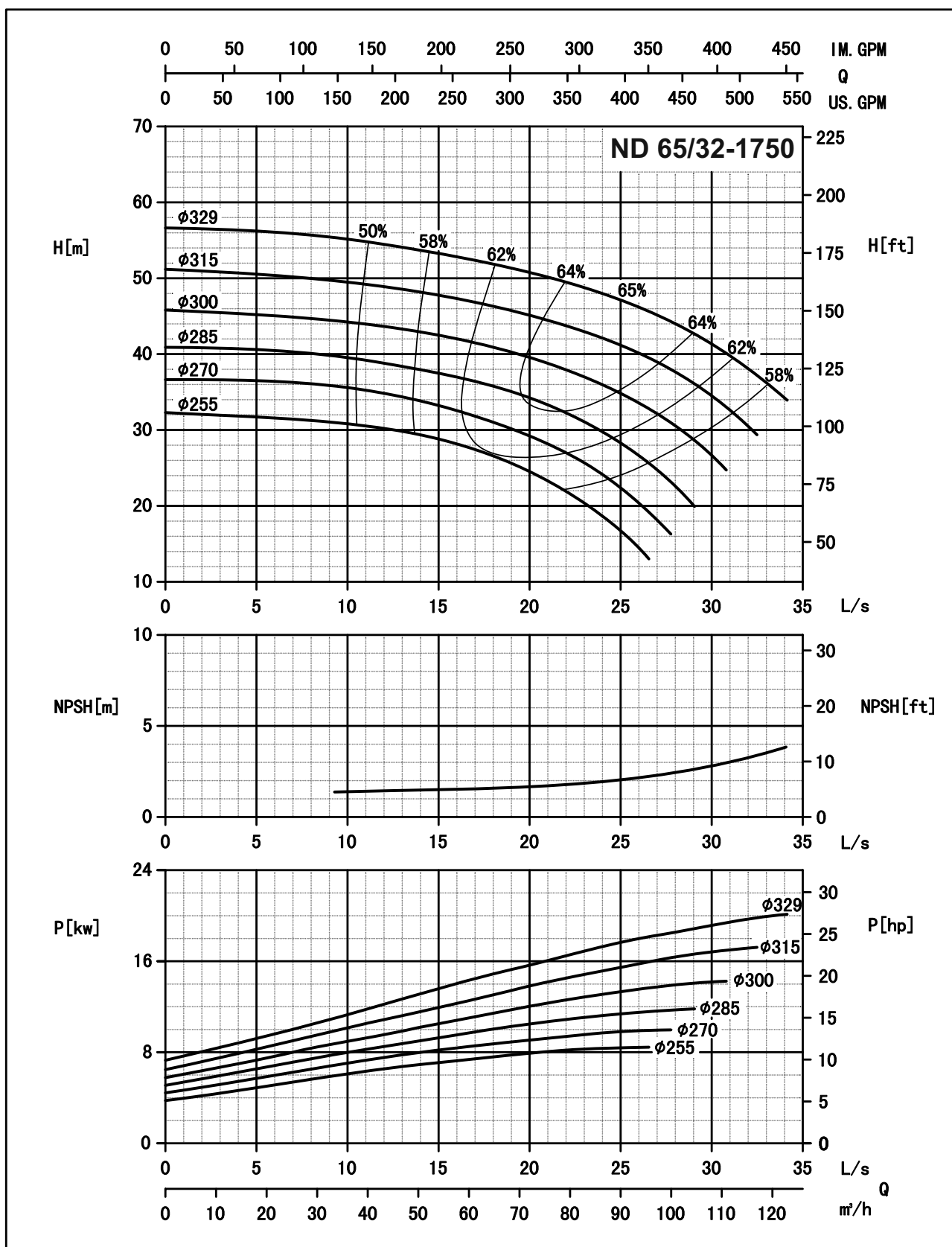
Performance Curves

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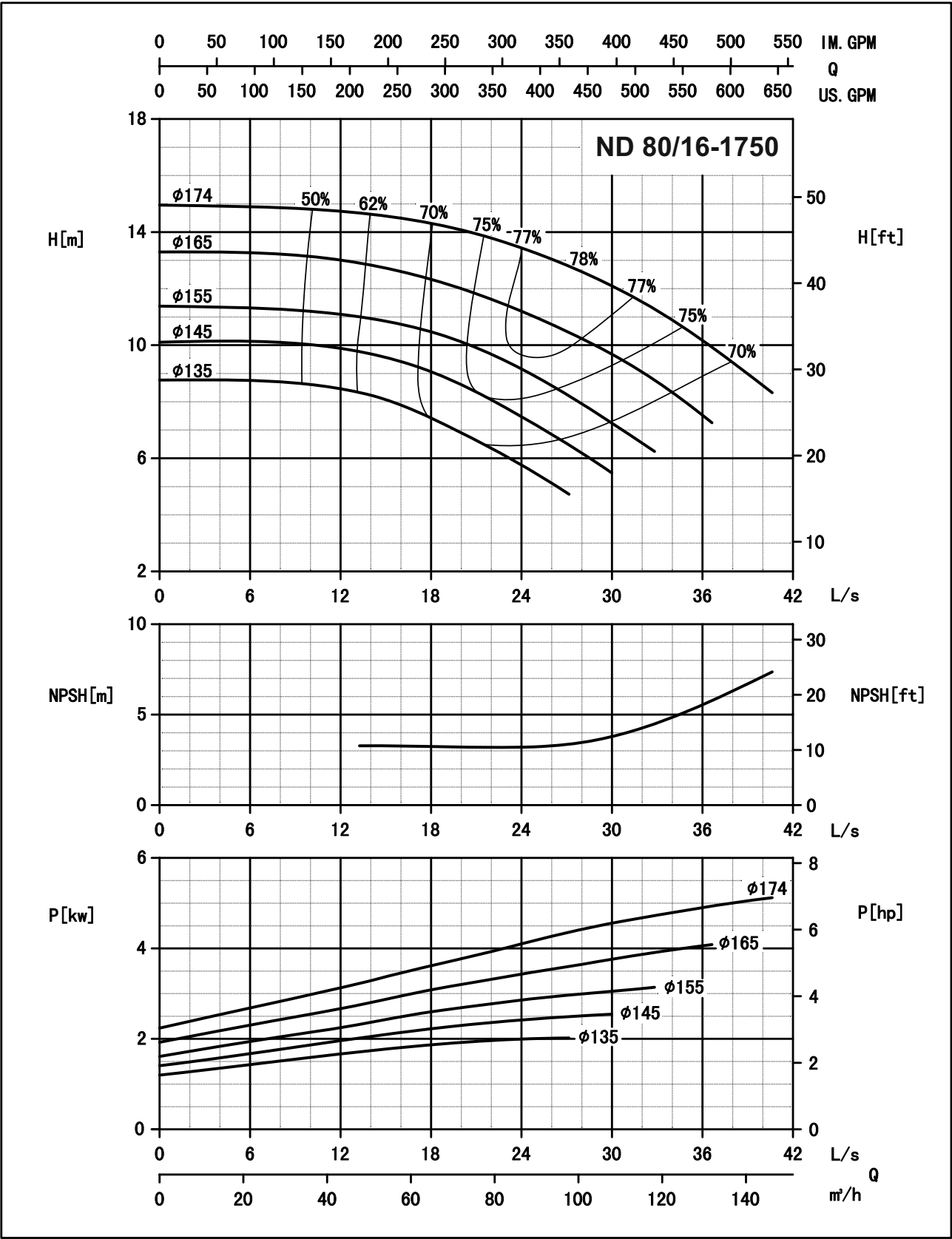
Performance Curves

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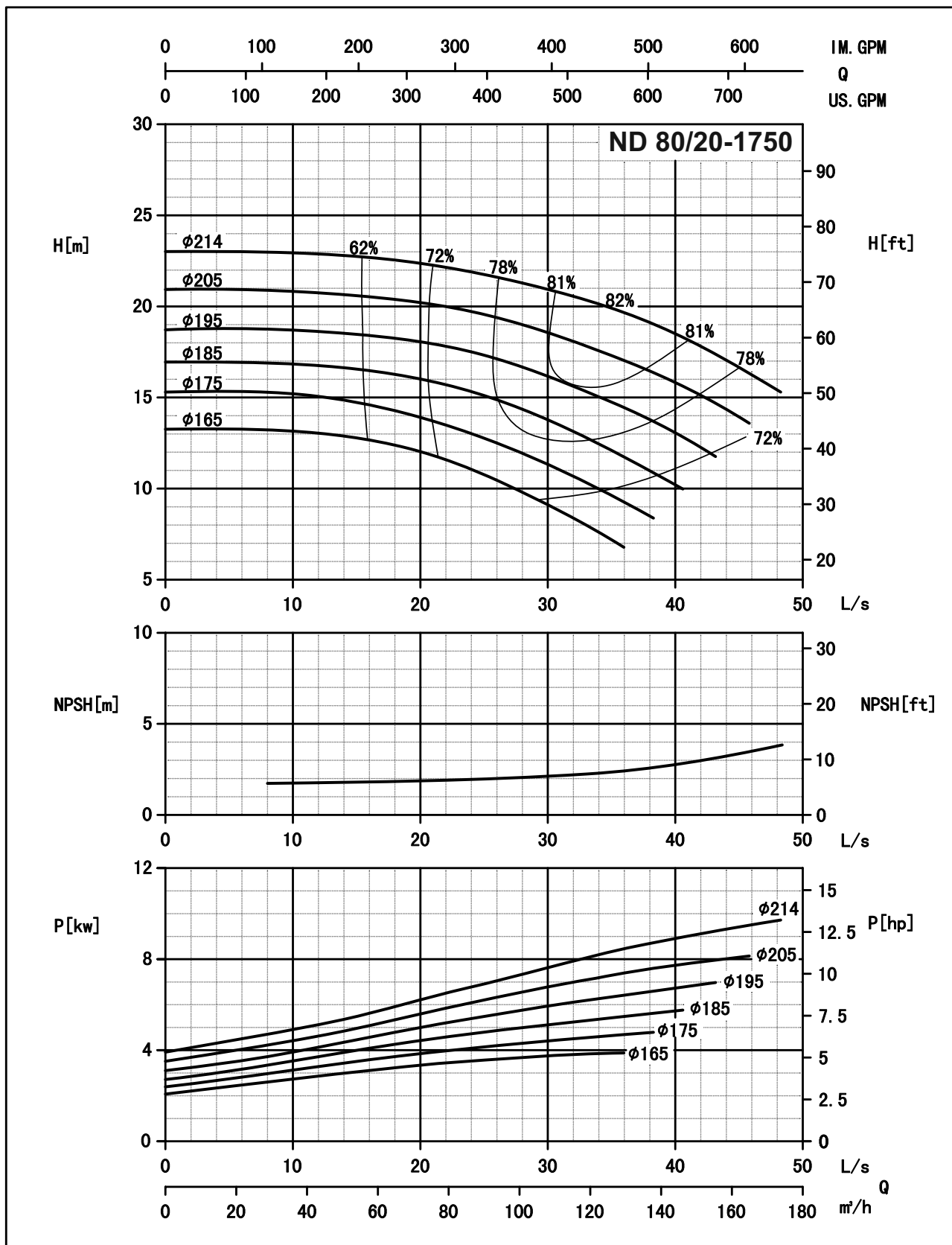
Performance Curves

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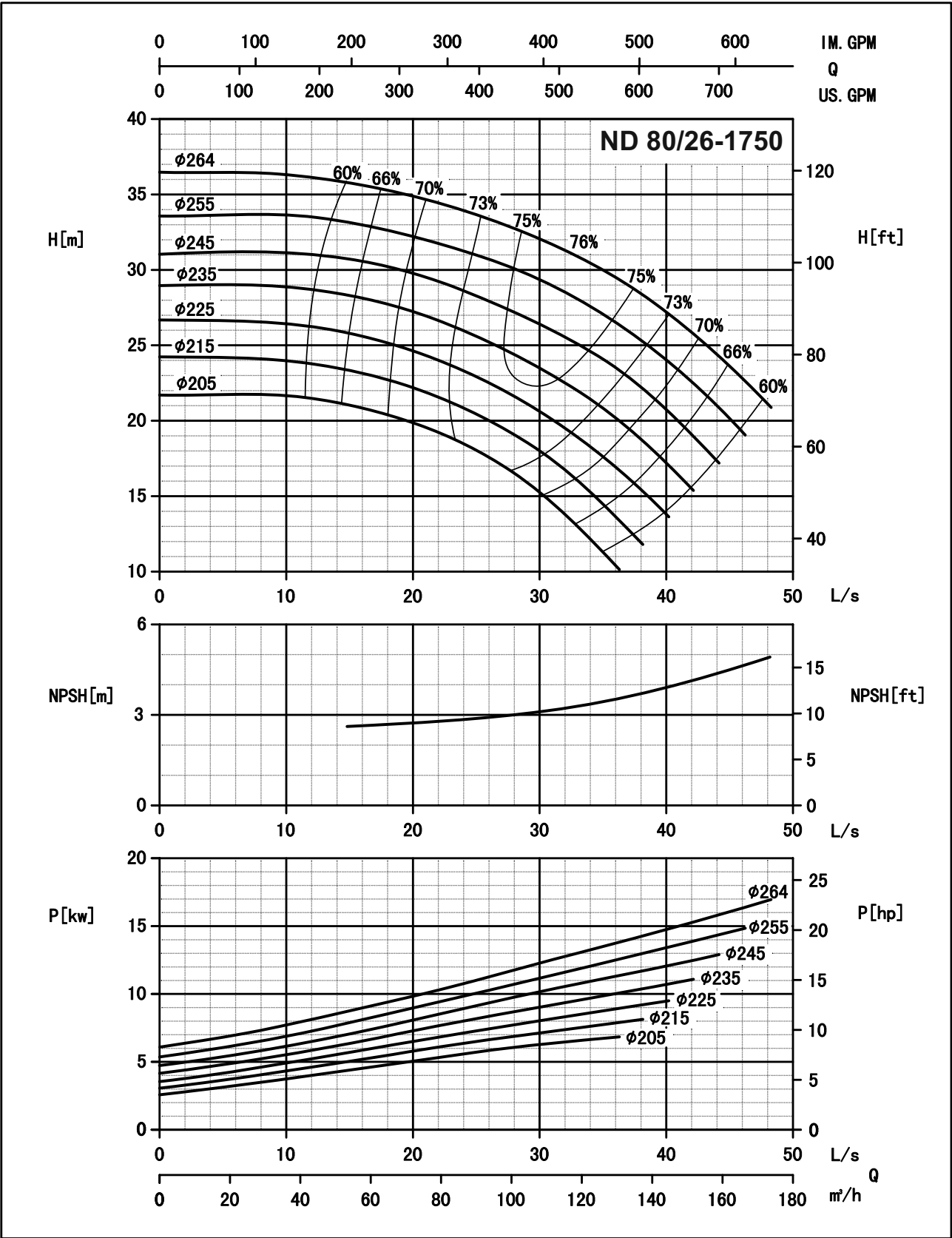
Performance Curves

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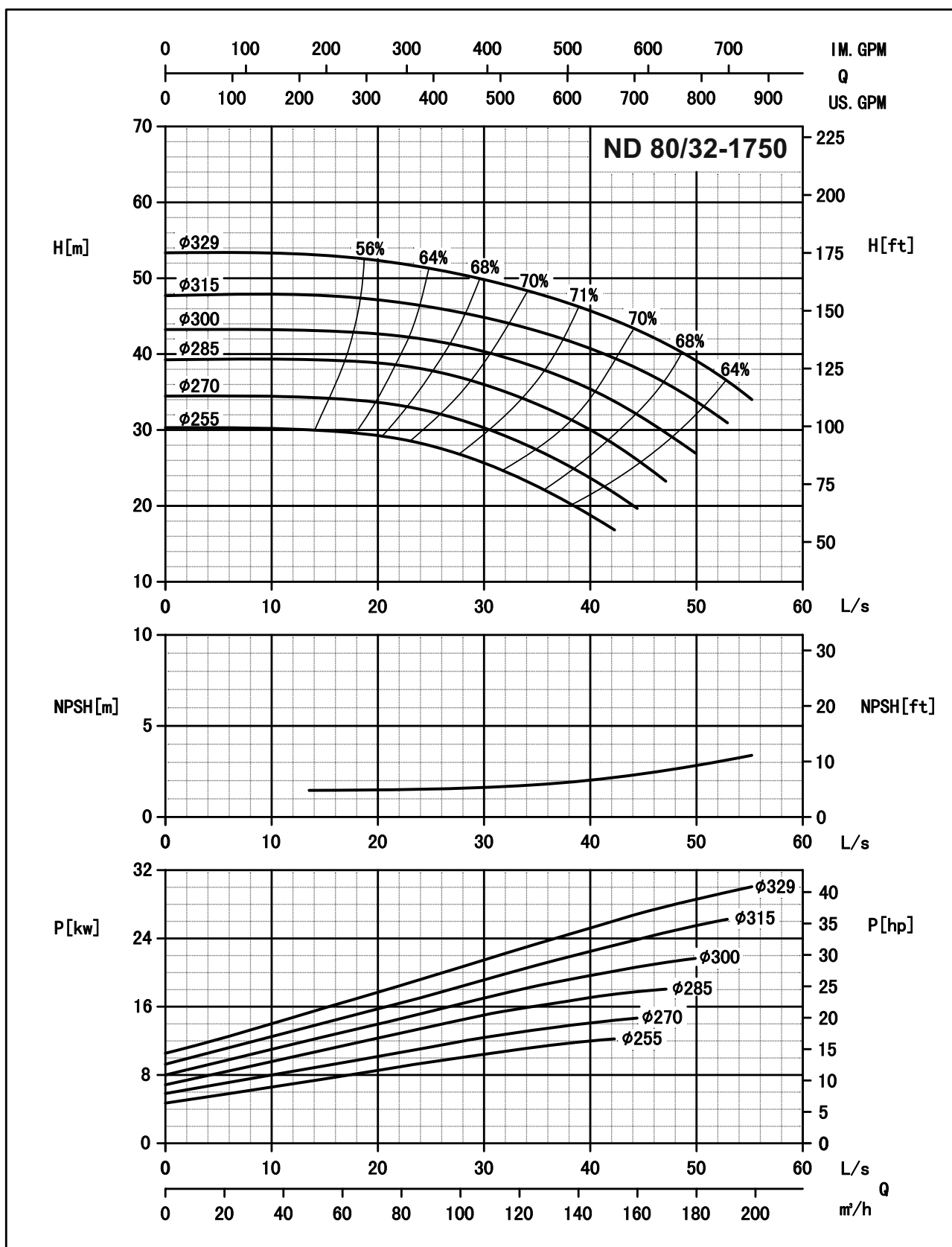
Performance Curves

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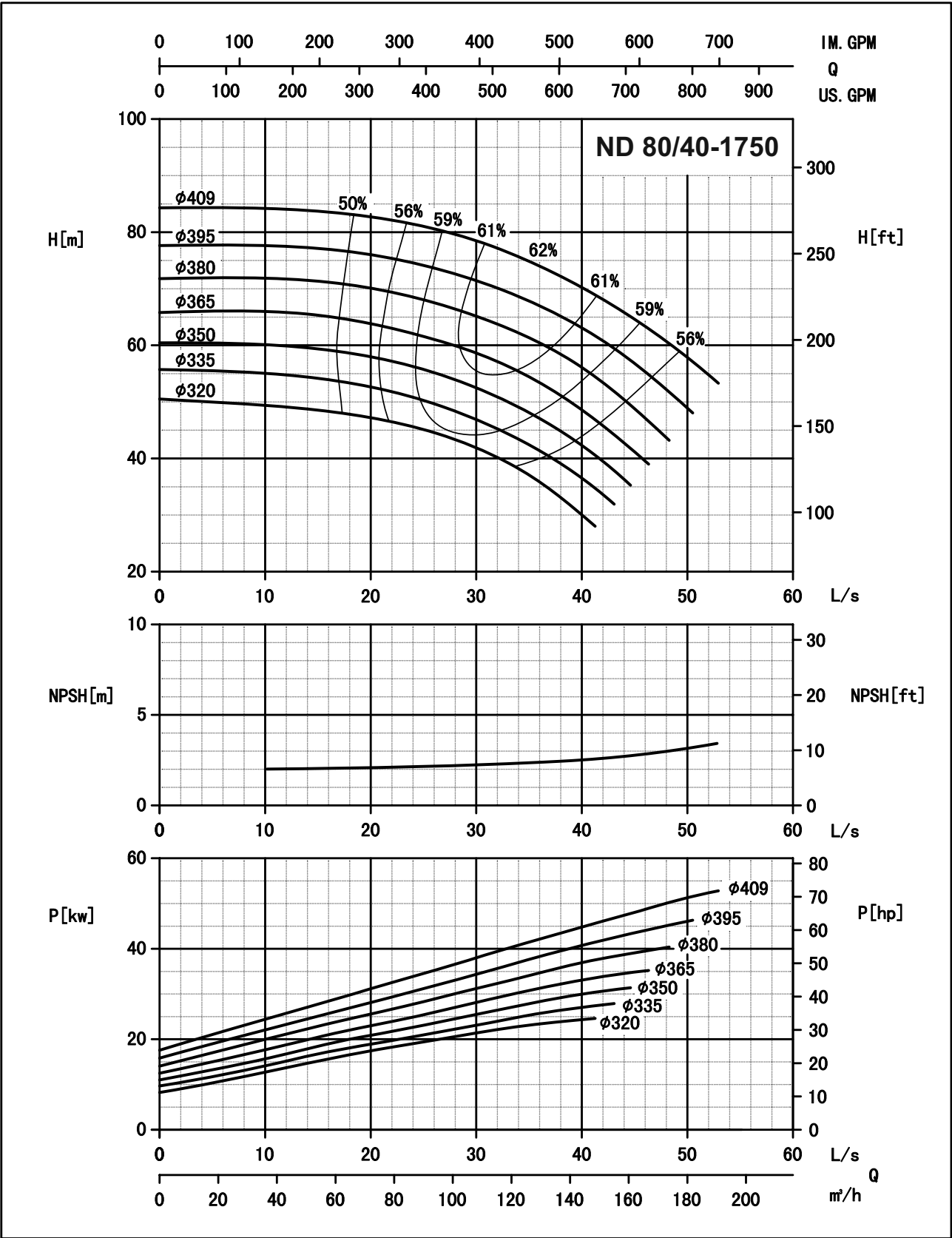
Performance Curves

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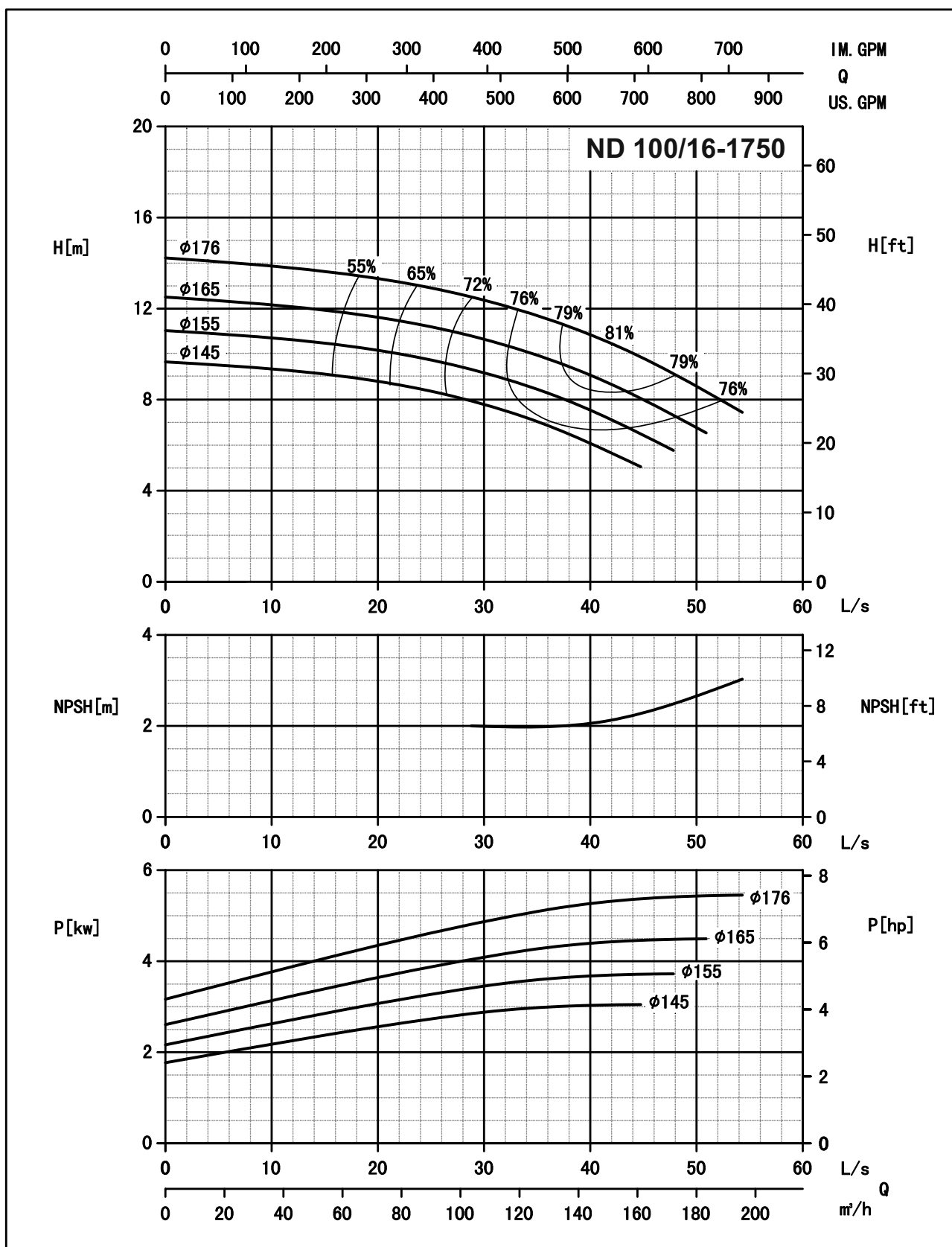
Performance Curves

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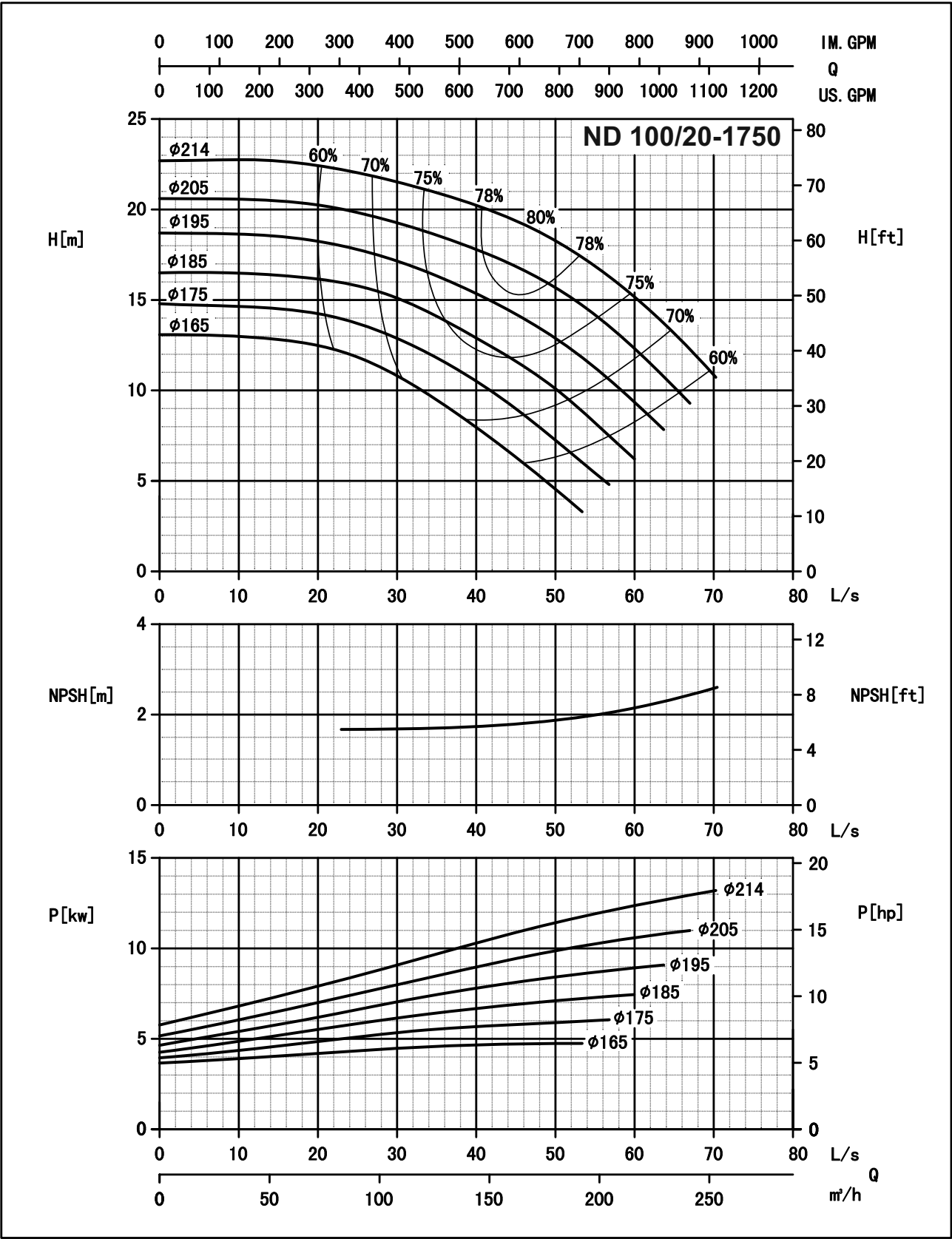
Performance Curves

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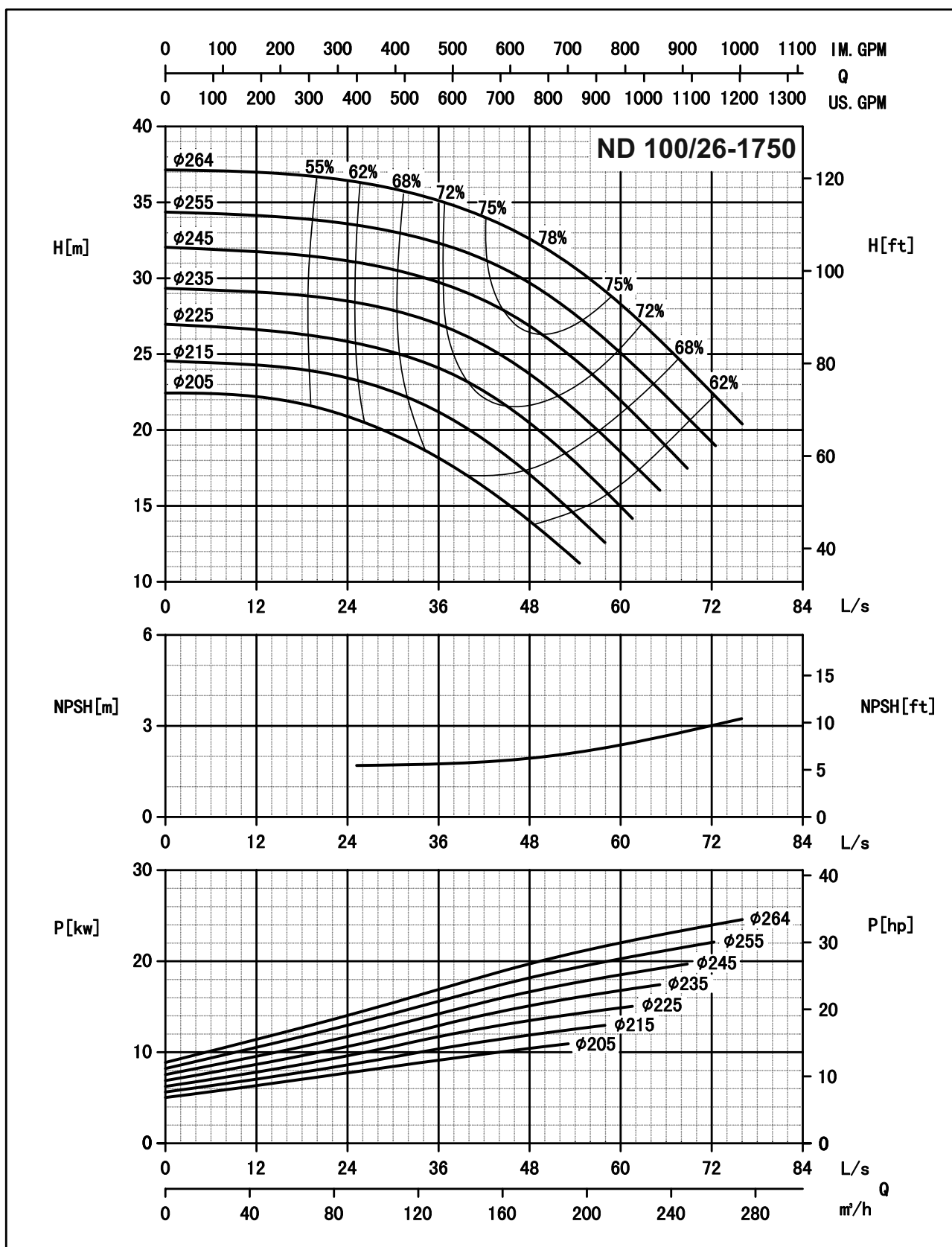
Performance Curves

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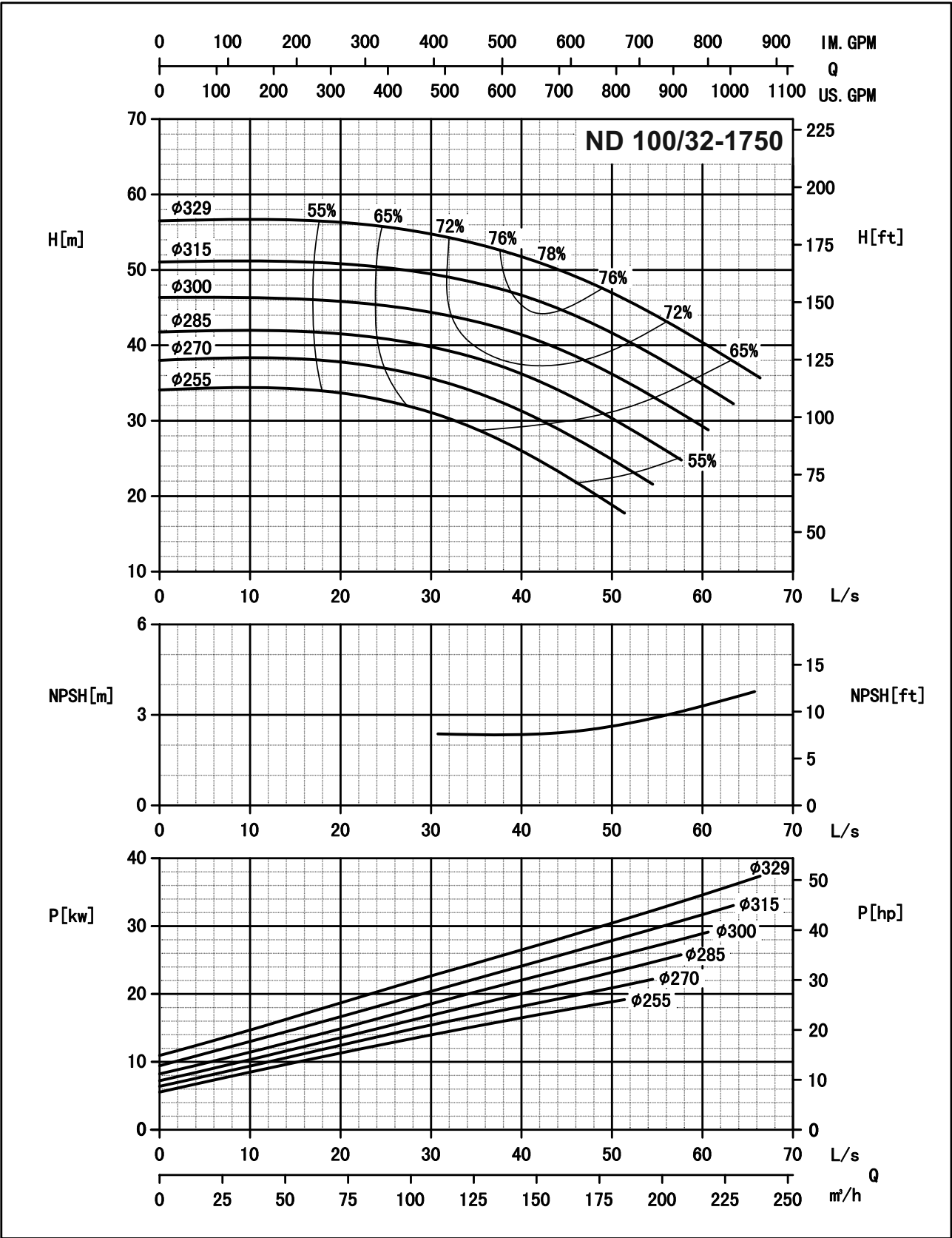
Performance Curves

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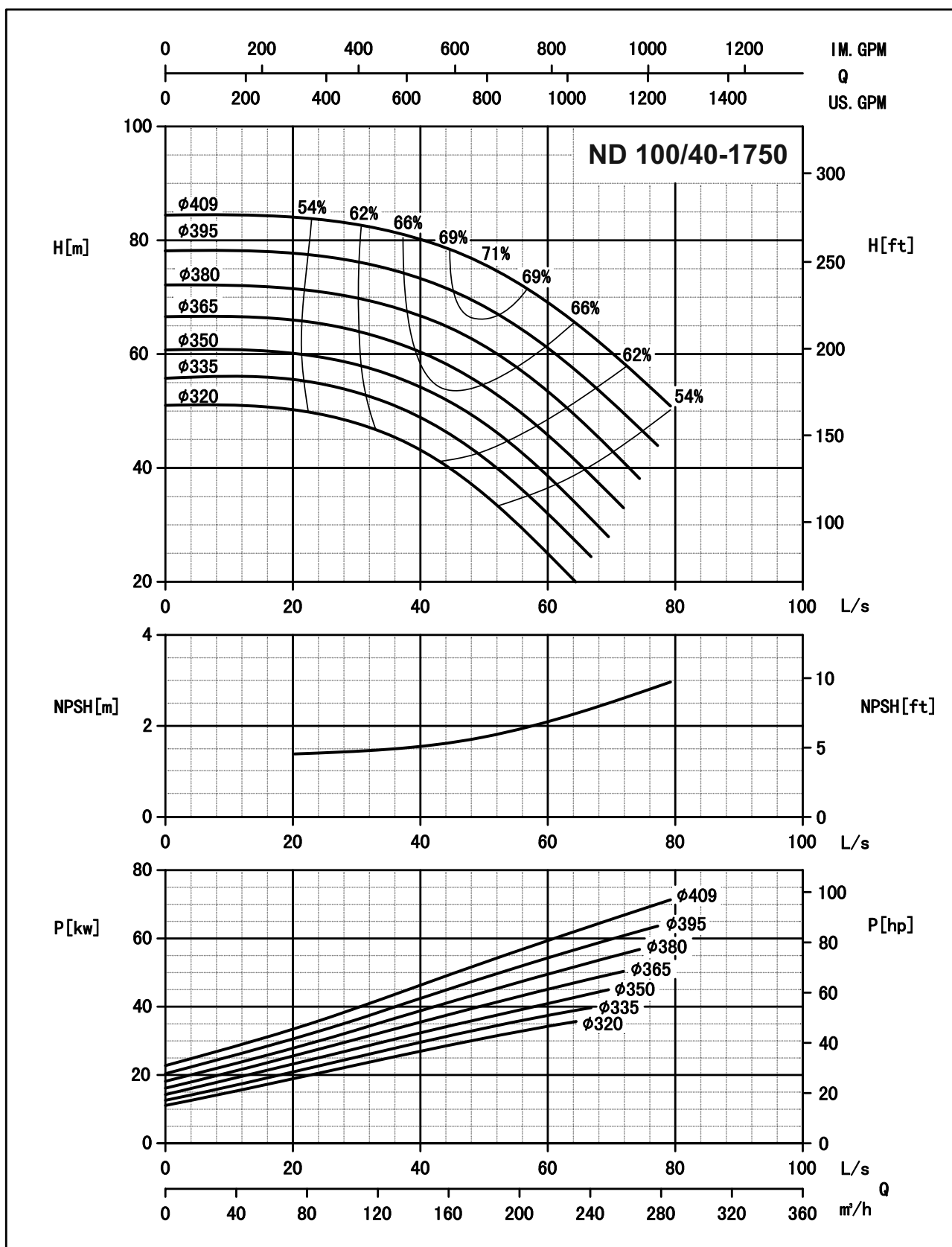
Performance Curves

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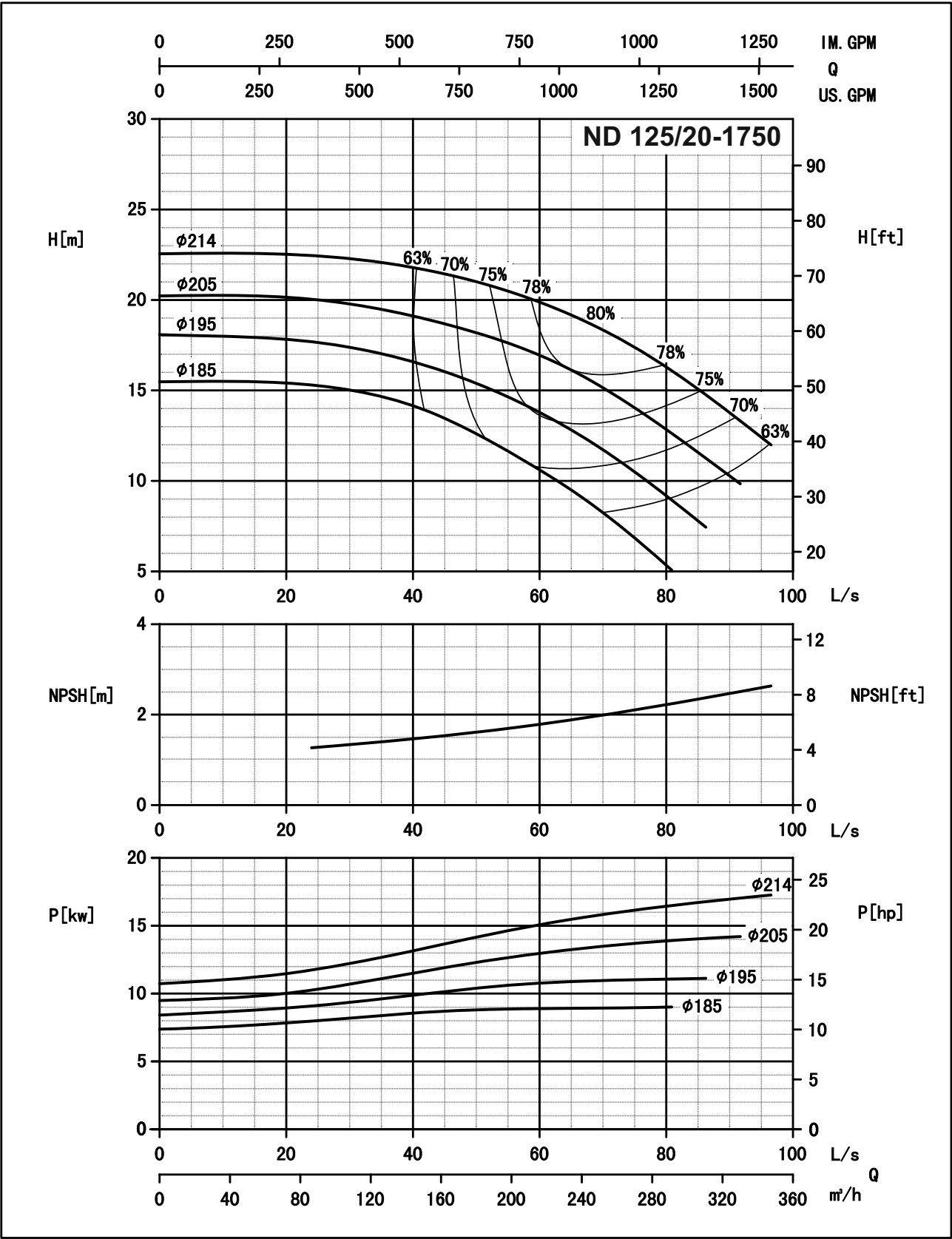
Performance Curves

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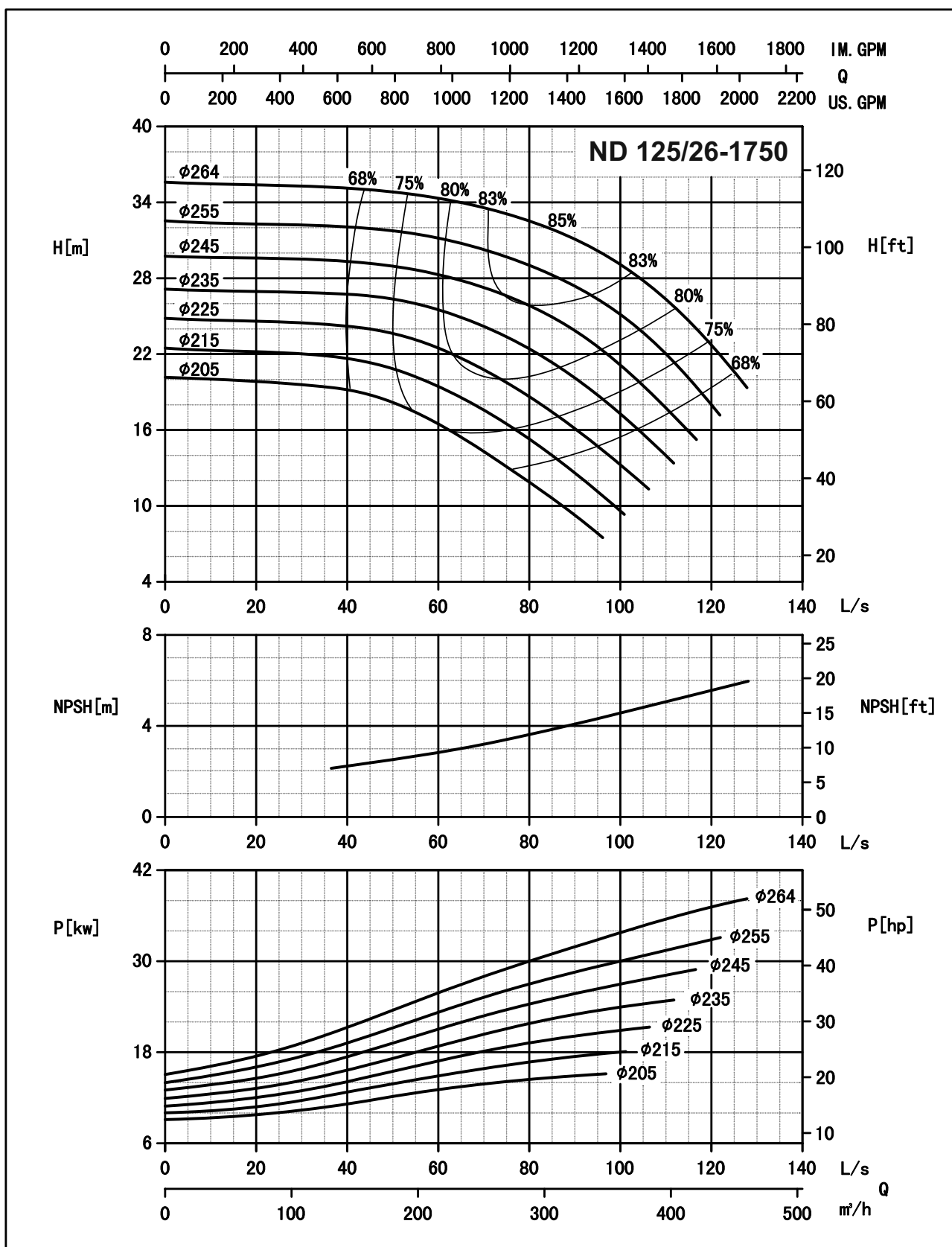
Performance Curves

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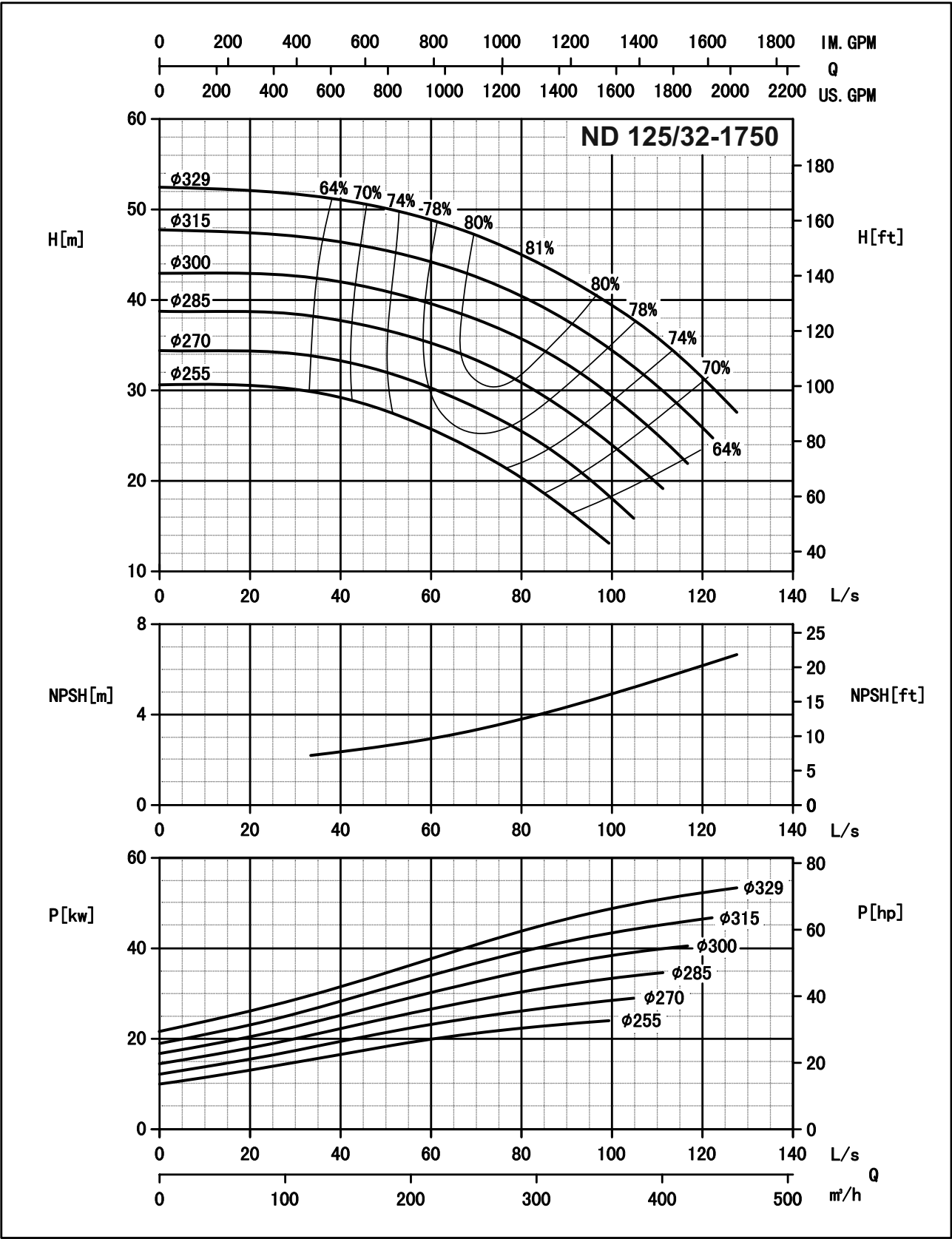
Performance Curves

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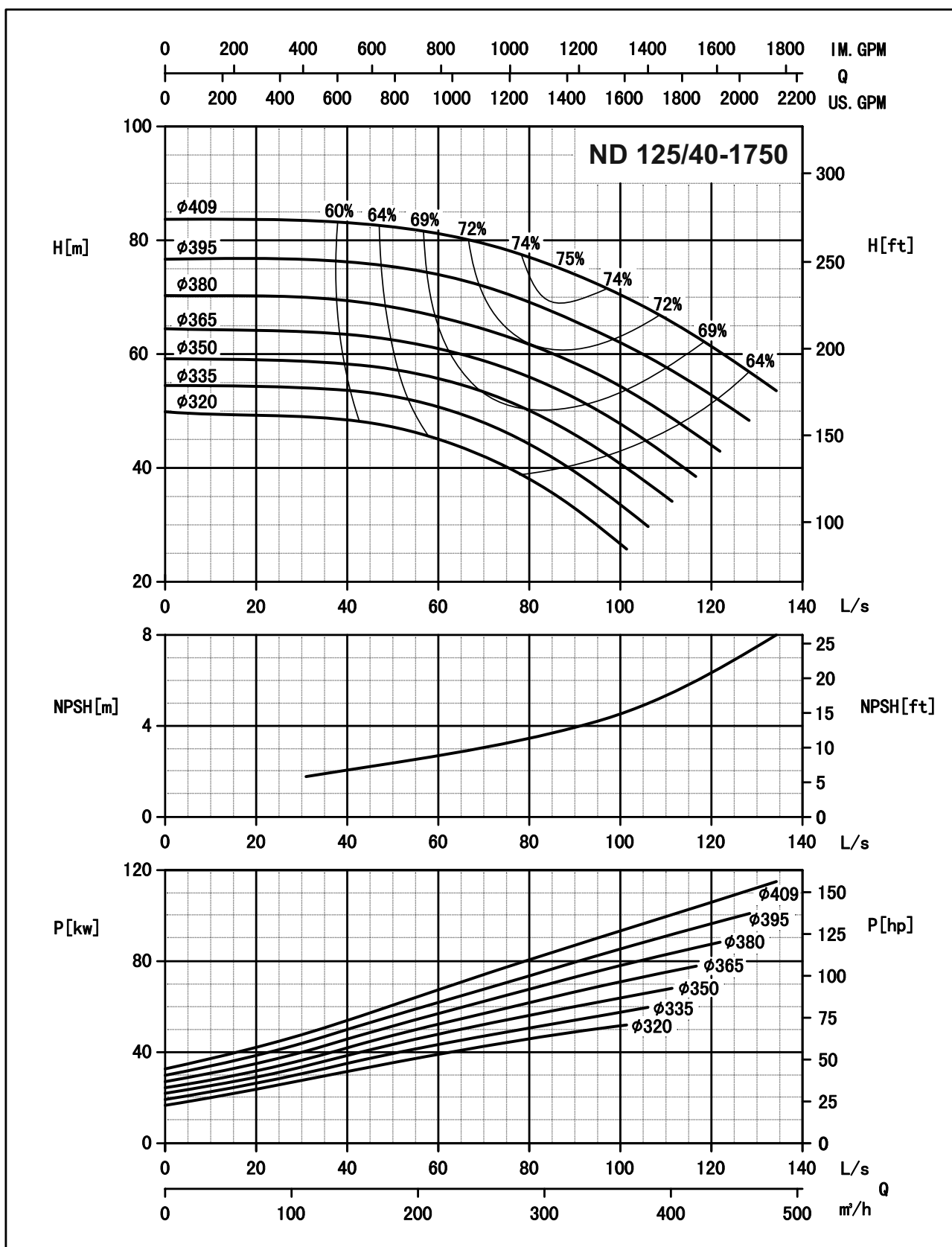
Performance Curves

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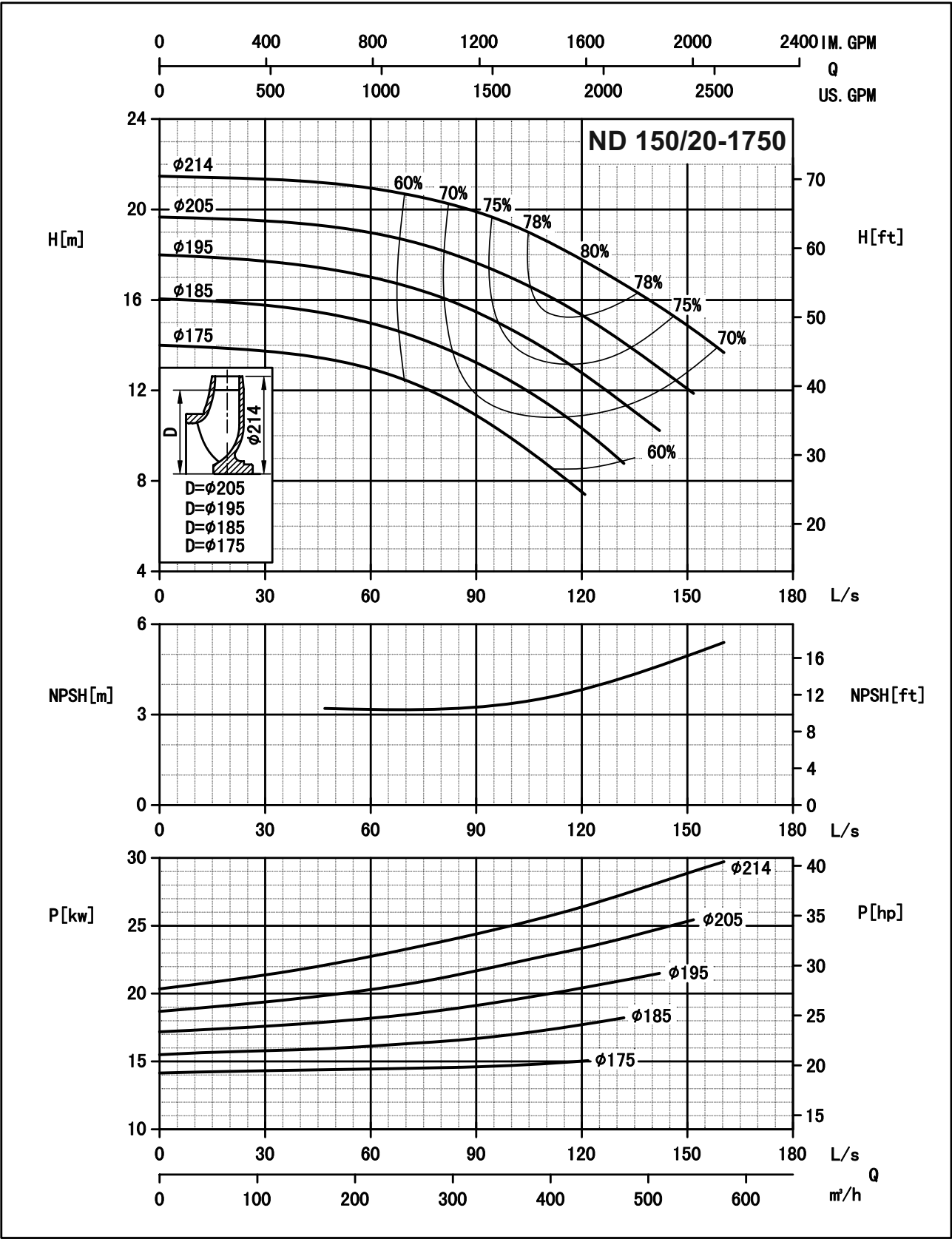
Performance Curves

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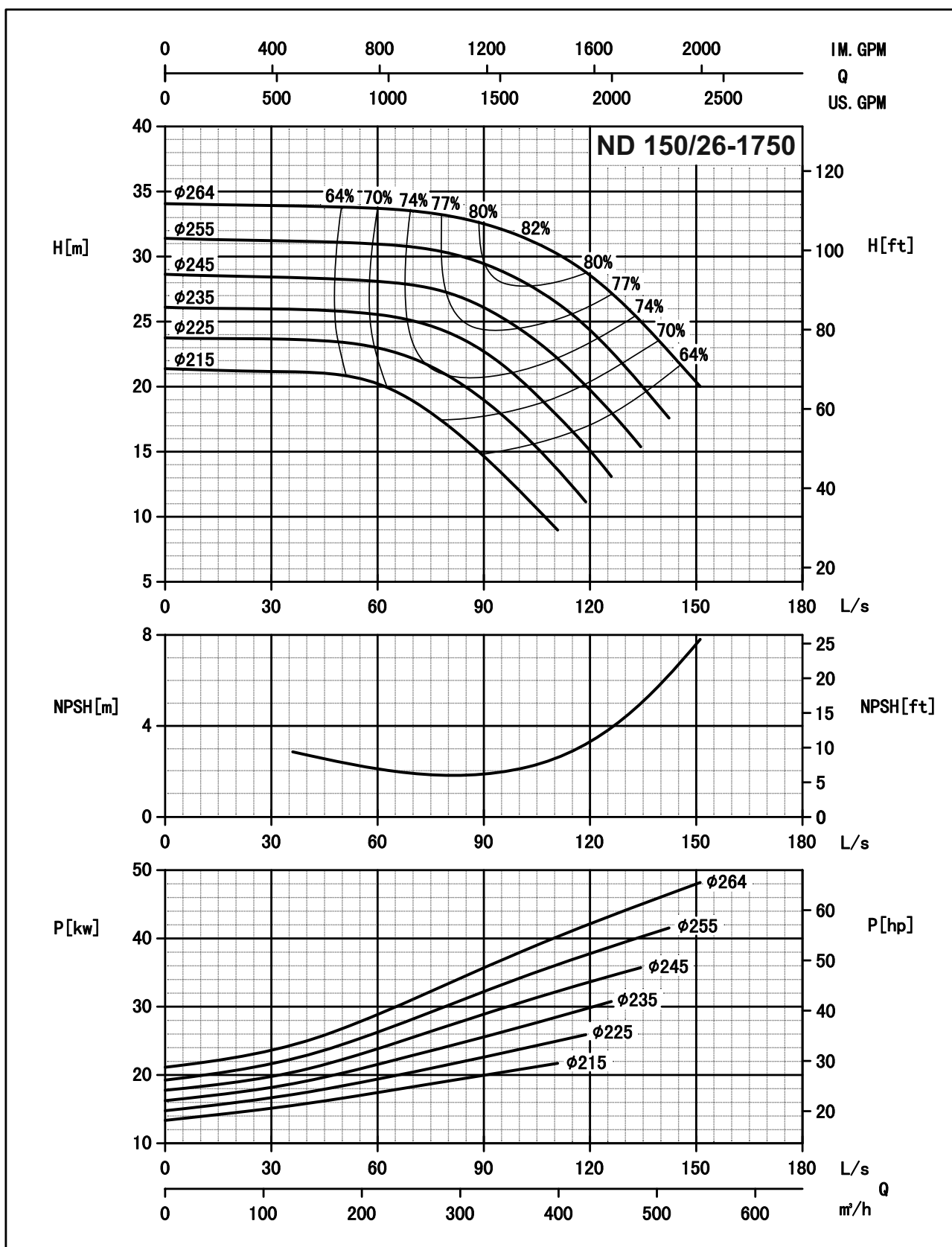
Performance Curves

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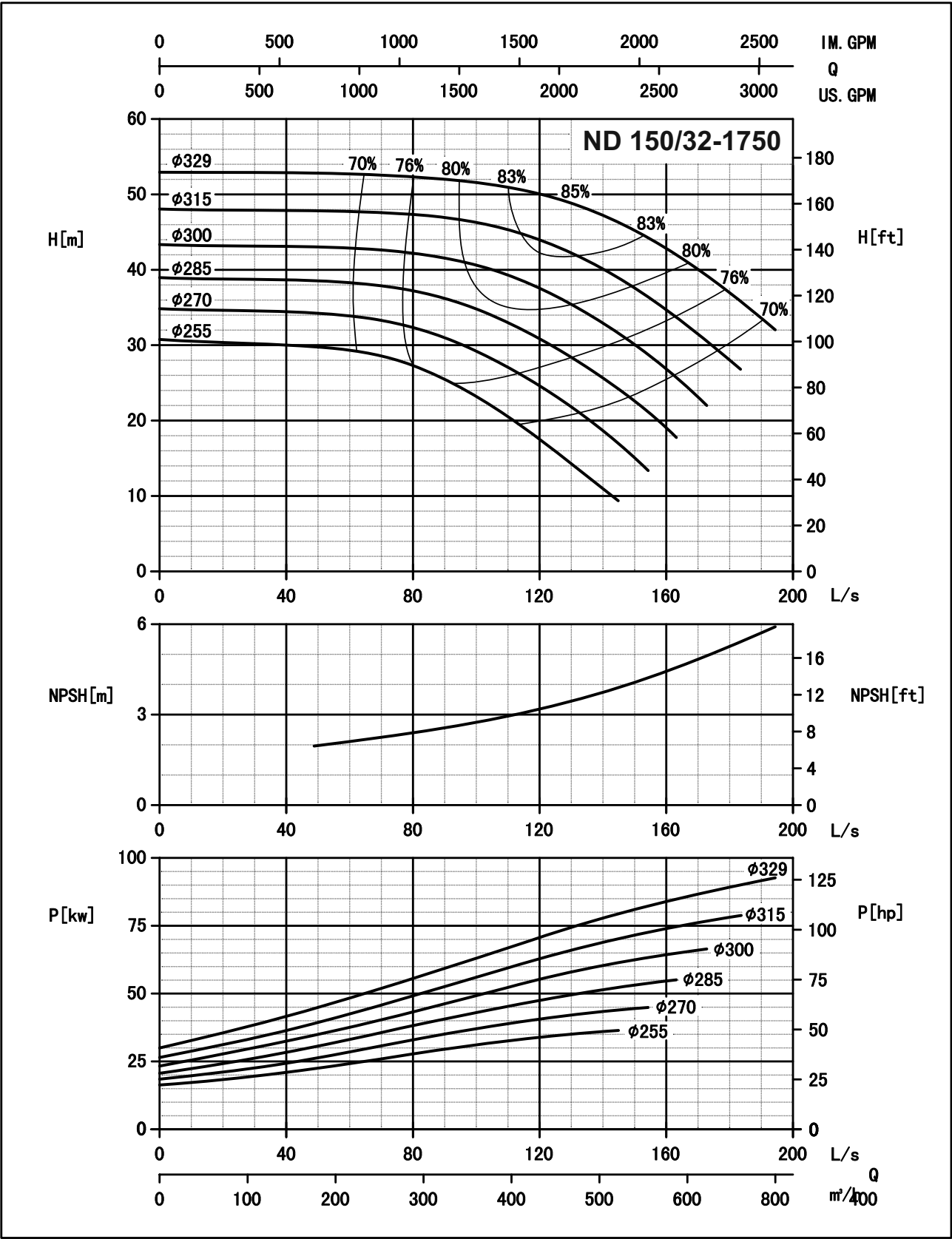
Performance Curves

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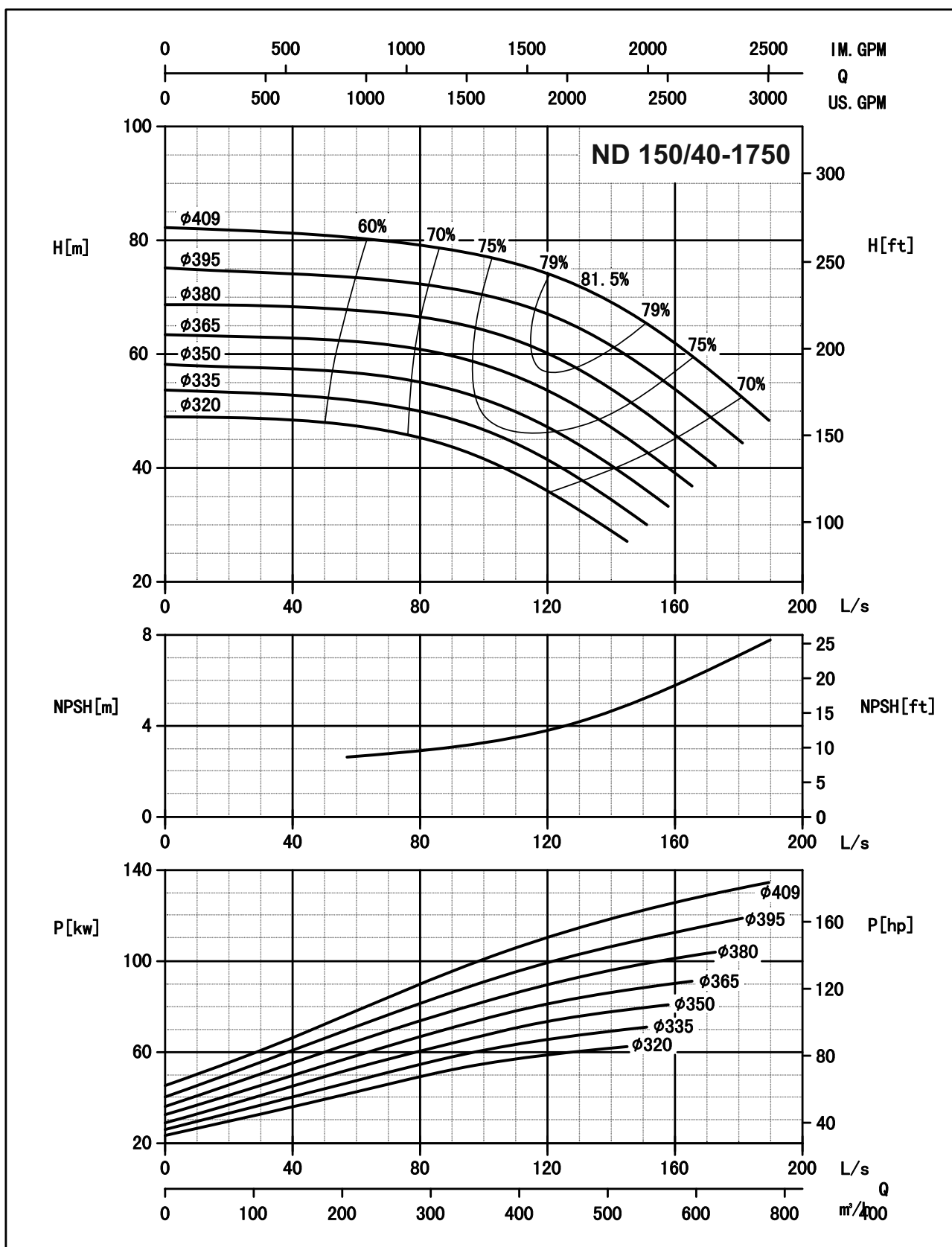
Performance Curves

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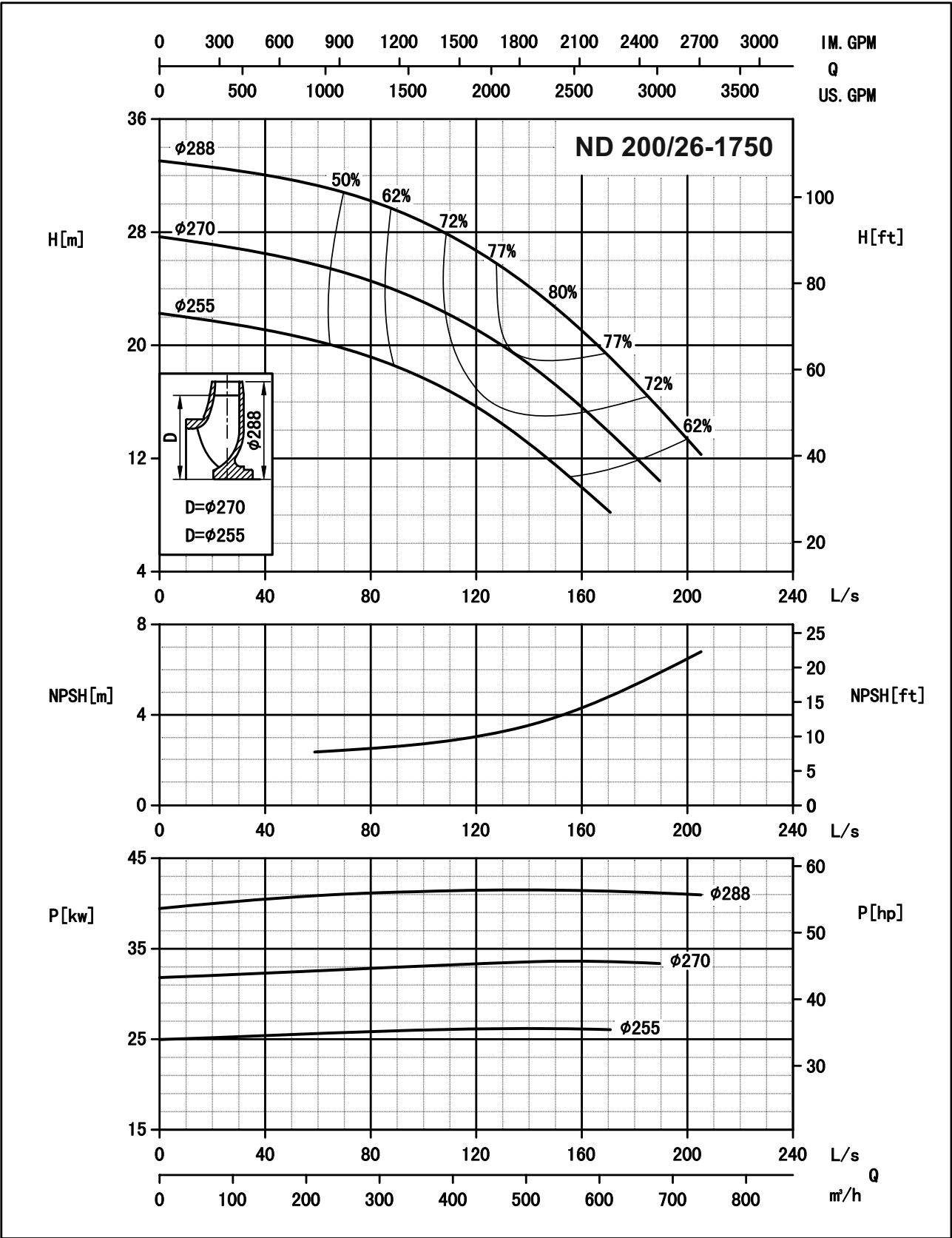
Performance Curves

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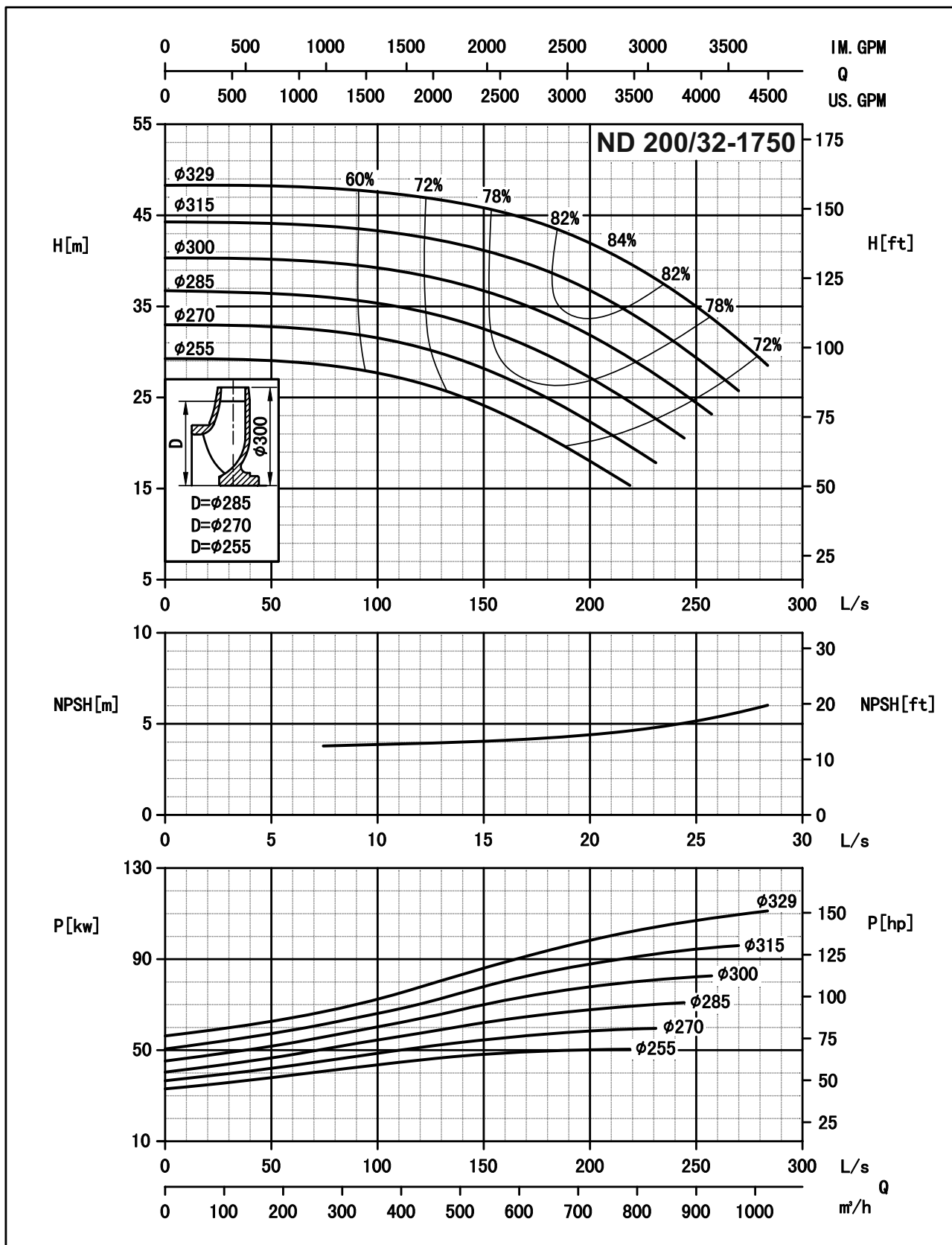
Performance Curves

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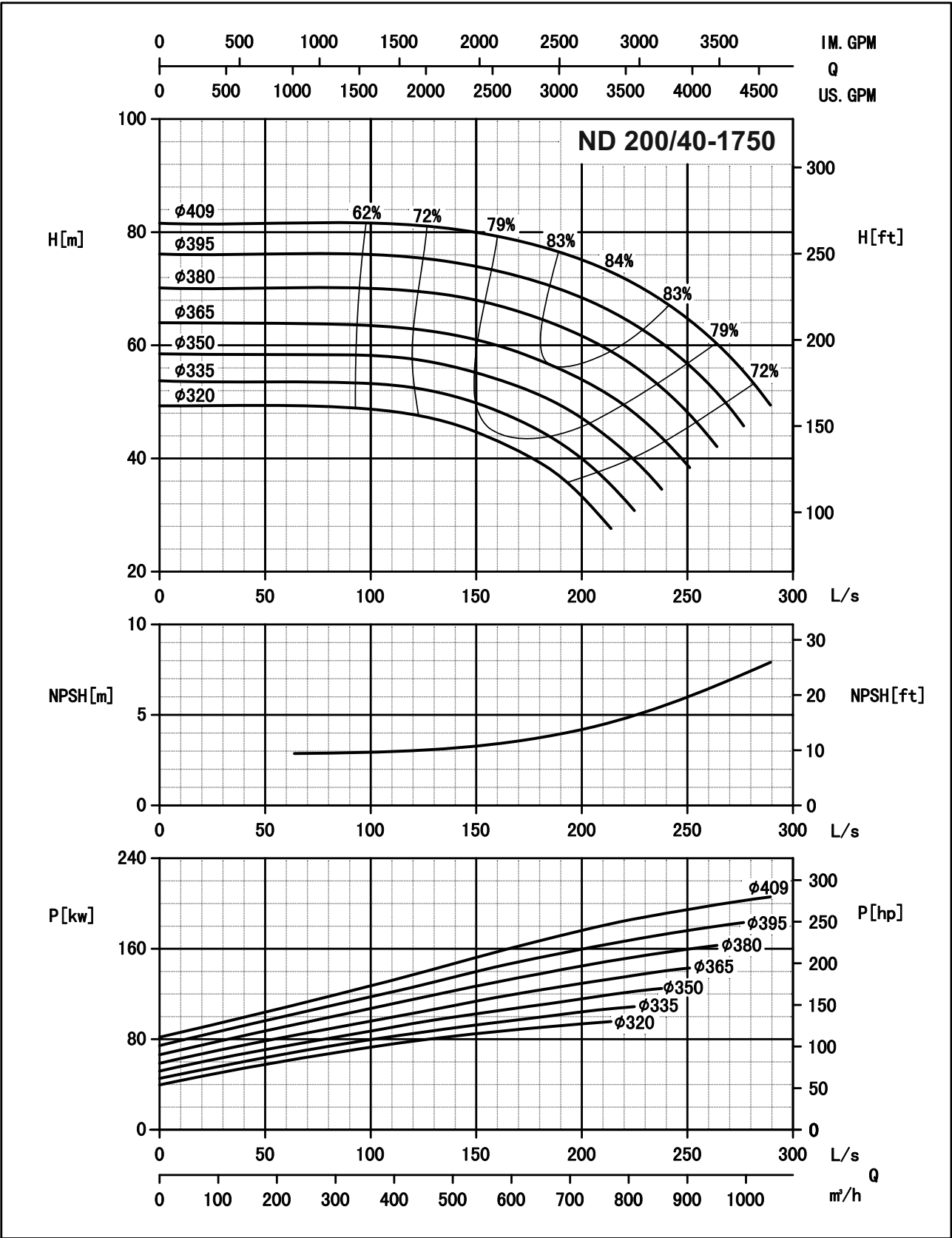
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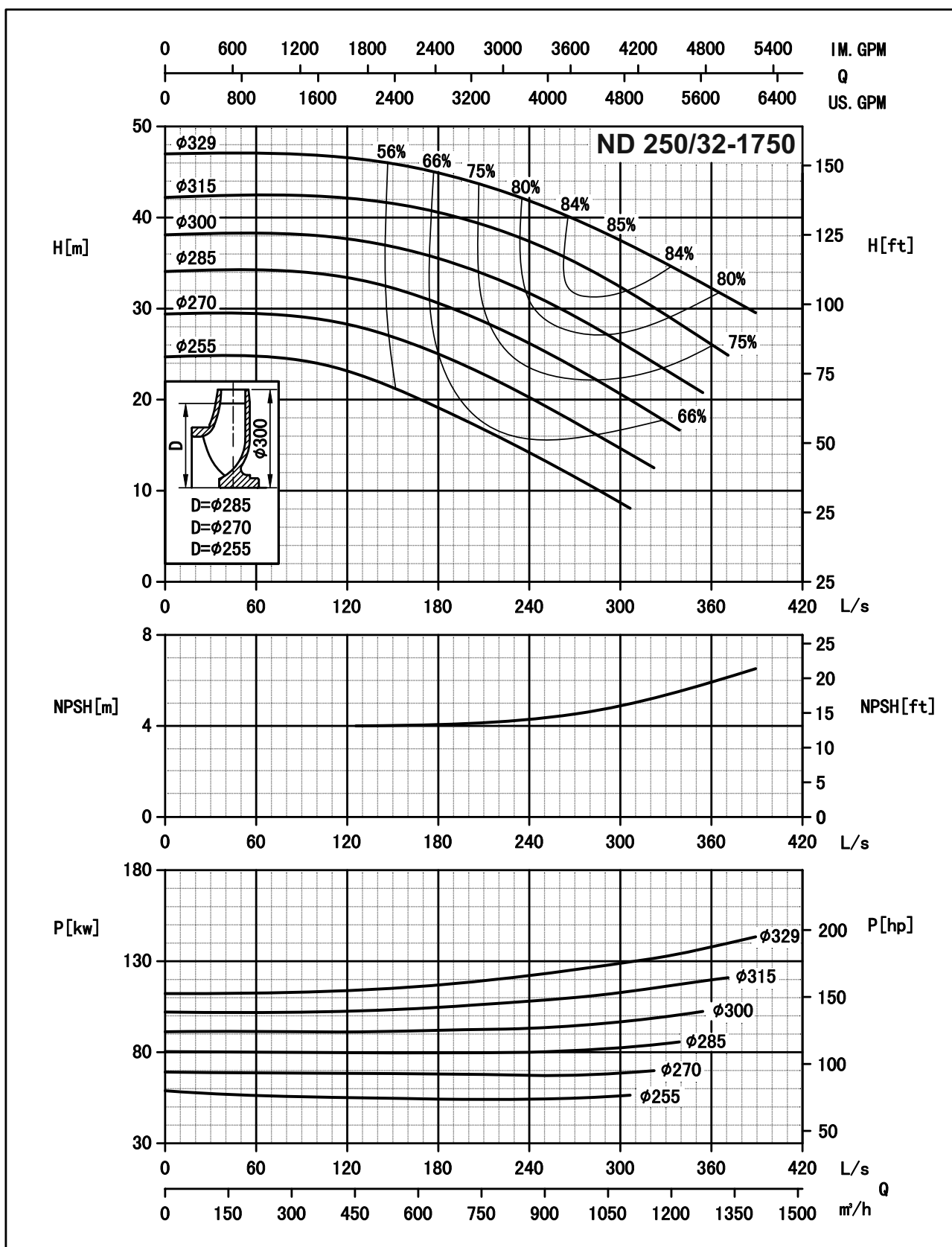
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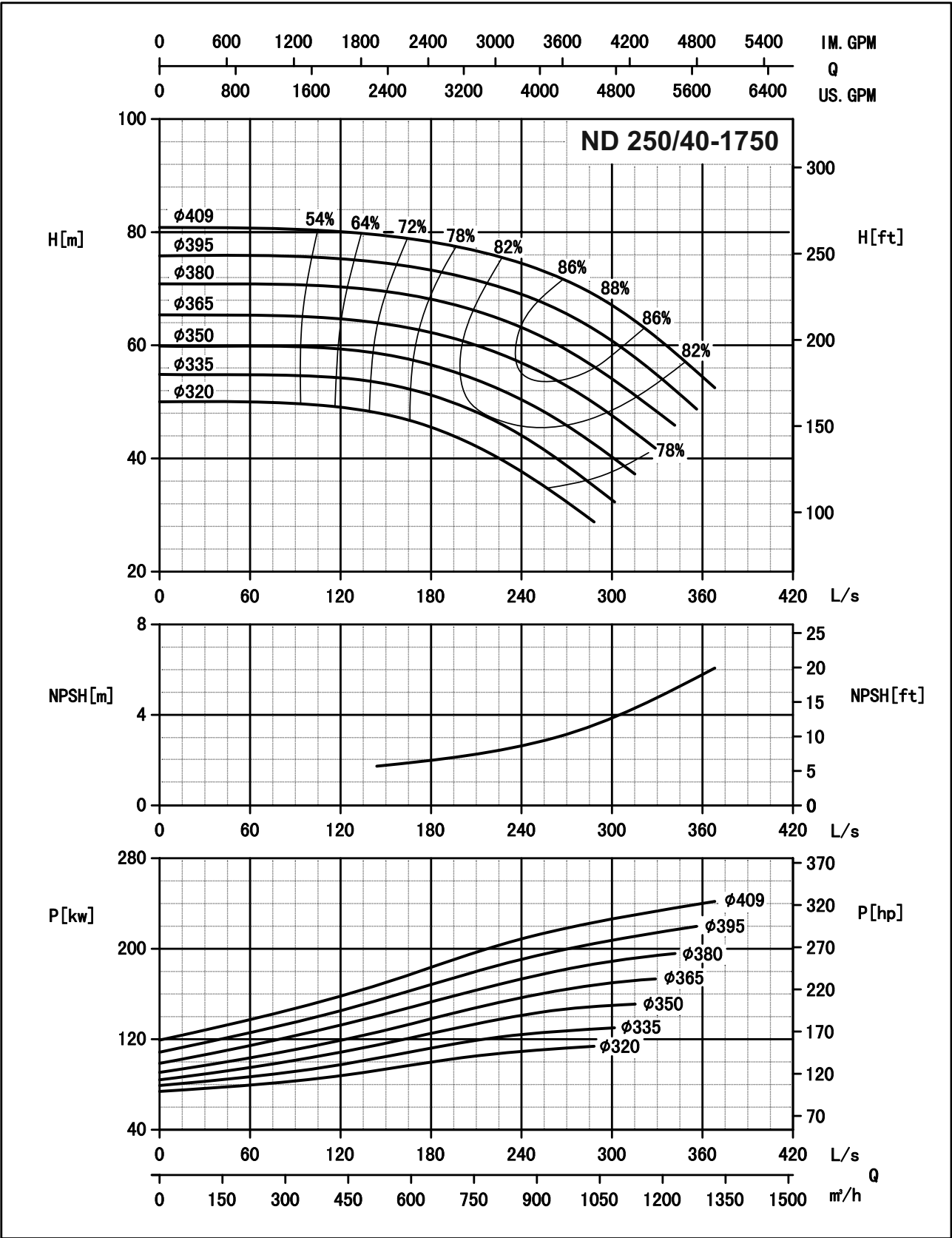
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