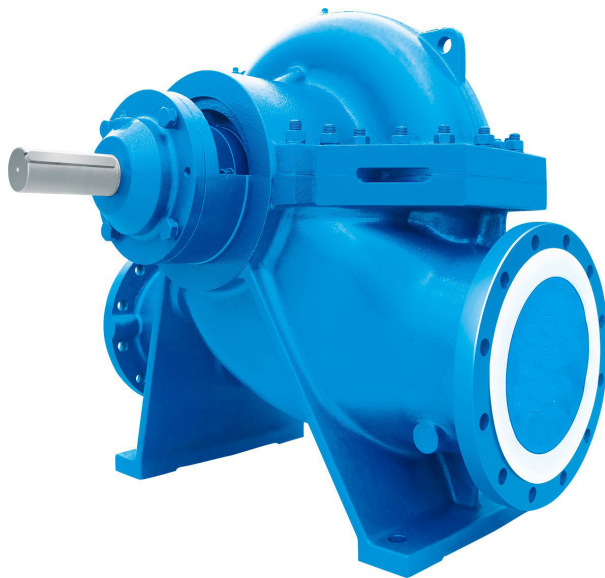


SPCO[®]
makes life easier



NDS
Double suction
Split casing 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 pumps					
Applicant:	Swiss Pump Company AG	Moosweg 36 CH-3645 Gwatt (Thun)	Switzerland			
Manufacturer:	Swiss Pump Company AG	Moosweg 36 CH-3645 Gwatt (Thun)	Switzerland			
Factory:	Swiss Pump Company AG	Moosweg 36 CH-3645 Gwatt (Thun)	Switzerland			
Rating and principal characteristics:	3 x 200 - 277/346 - 480V~, 50/60Hz; 220-230V~, 50/60Hz; 127-220-240V~, 60Hz; class I, IP55					
Trade mark (if any):	Swiss Pump Company AG (SPCO)					
Model/Type reference:	HM..., CHL..., VM..., CDL..., ND..., CC..., PD..., MB..., QB..., SMP..., CCP..., SCP..., see appendix type list in test report					
Additional information:	---					
Sample of product tested to be in conformity with IEC:	60335-1(ed.4);am1;am2 60335-2-41(ed.3);am1;am2		National differences: EU Group Differences; EU Special National Conditions; EU A-Deviations			
Test Report Ref. No.:	06-HG-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 Obrist 2010-07-27 <i>[Signature]</i> electrosuisse page 1 of 1						

IQNet	
THE INTERNATIONAL CERTIFICATION NETWORK	
CERTIFICATE	
IQNet and SQS hereby certify that the organisation	
Swiss Pump Company AG 3645 Thun-Gwatt Switzerland	
Certified area	
Whole company	
Field of activity	
Manufacture and sale of products for the transportation of liquids	
has implemented and maintains a Management System which fulfills the requirements of the following standard(s)	
ISO 9001:2008	
Scope No(s): 17, 18, 19 Issued on: 2015-03-03 Validity date: 2018-03-02 Registration Number: CH-32160	
 Michael Drechsel President of IQNet	 Roland Glauser CEO SQS
IQNet Partners*: AENOR Spain APNOR Certification France AIB-Vincotte International Belgium ANCE-SIGE Mexico APCER Portugal CCC Cyprus CIBQ Italy CQC China CQM China CQS Czech Republic Csa Cert Croatia DQS Holding GmbH Germany PCAV Brazil FONDORAMA Venezuela ICONTEC Colombia IMNC Mexico Inspecta Certification Finland IRAM Argentina JQA Japan KQ Korea MBRTEC Greece MSZT Hungary Nemko AS Norway NSI Ireland PCBC Poland Quality Austria Austria RS Russia SII Israel SIQ Slovenia SERIM QAS International Malaysia SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia IQNet is represented in the USA by APNOR Certification, CIBQ, IQS Holding GmbH and NSAI Inc. * The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com	



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Split case centrifugal Pumps

Split casing pumps are designed with double suctions. This kind of pumps are high flow rate, high efficiency, stable operation, low noise and long service life, easy to install and maintain.

Widely used in plant, mine, city water, supply, irrigation, HVAC and vessel industry.

Applications

- HVAC and cooling tower.
- Municiple water supply.
- Pump station.
- Marine and ship buildings.
- Power planet / Water planet.
- Fire fighting system.

Operating Condition

Flow Rate(Q) : 36 to 3400 m³/h

Head(H) : 8 to 190 m

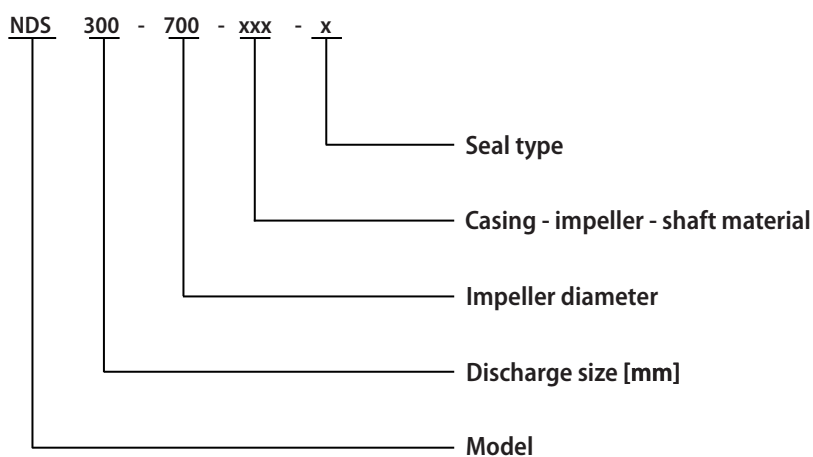
Speed : 1480, 2980 rpm (50Hz)

: 1780, 3580 rpm (60Hz)

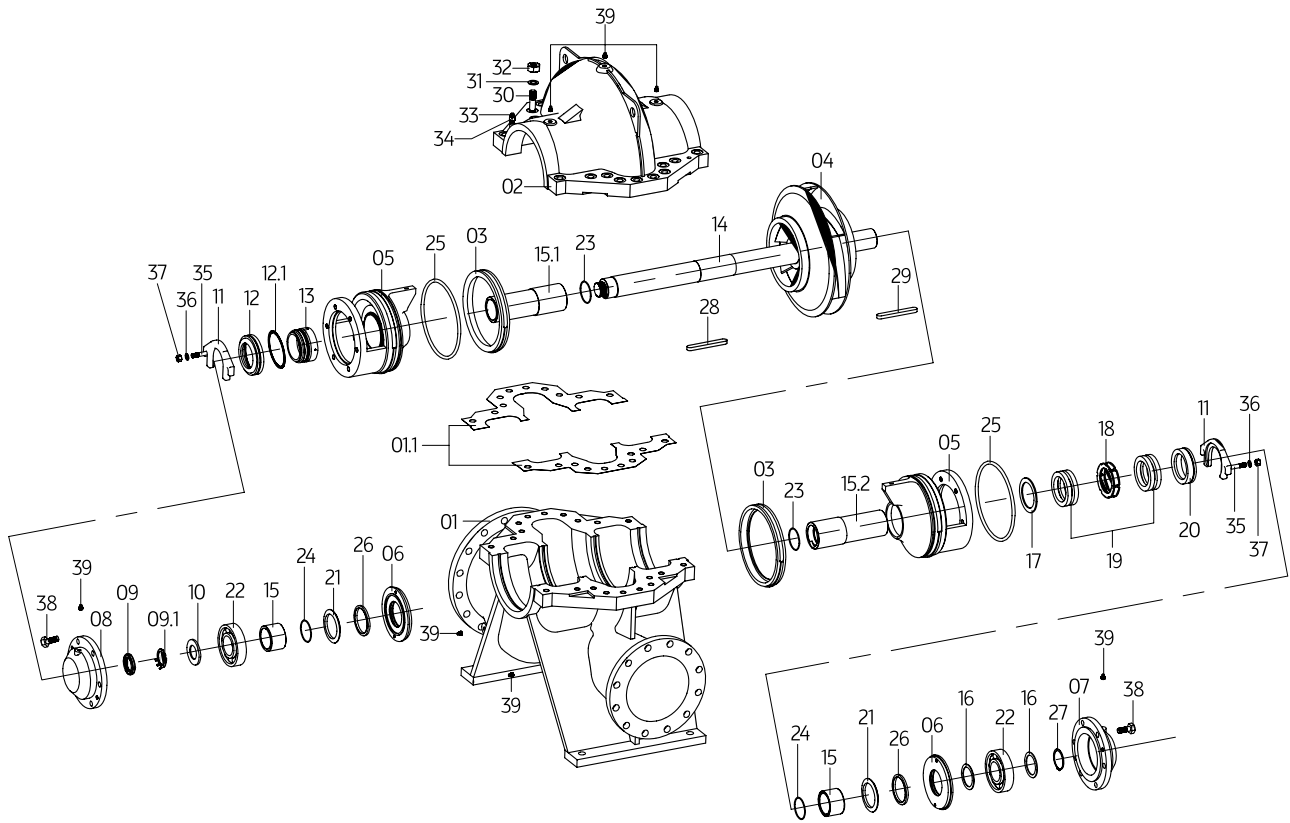
Max. Temp. : 85°C standard,
optional 105°C

Using pressure: 16Bar standard, optional 25Bar

Definition of Model



Spare Parts

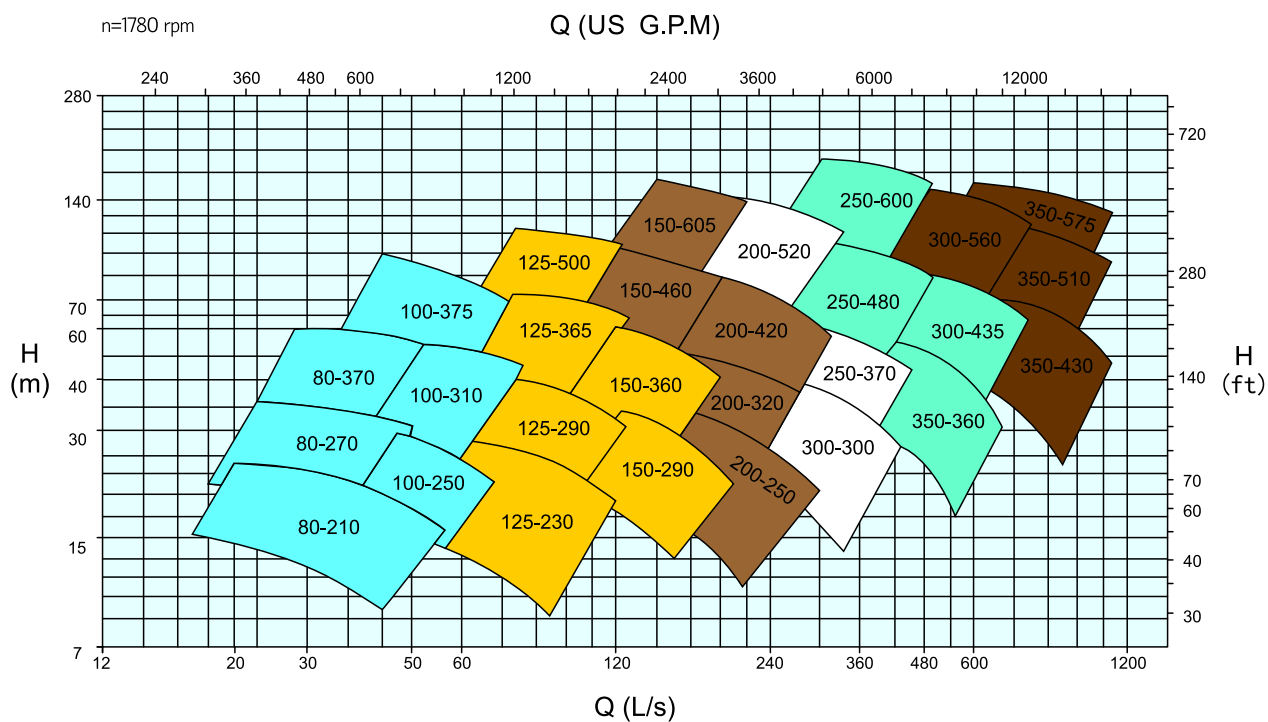
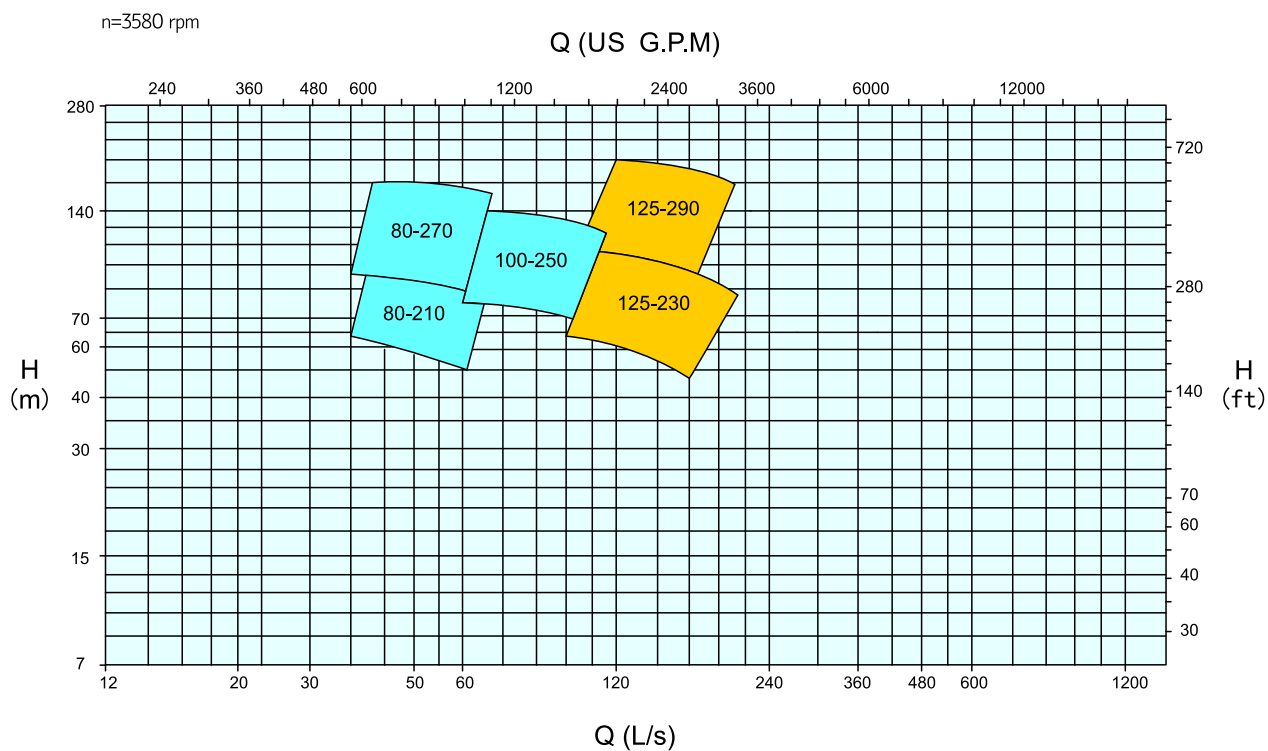


Code	Part Name
01	Casing-Bottom
01.1	Casing Gasket
02	Casing-Top
03	Wear Ring
04	Impeller
05	Seal Frame
06	Bearing Cover
07	Bearing Frame-Driving End
08	Bearing Frame-Non-driving End
09	Screw Nut
09.1	Lock Washer for Nut
10	Bearing Slinger
11	Seal Plate
12	Seal Cover
12.1	Seal Cover Gasket

Code	Part Name
13	Mech. Seal
14	Shaft
15	Shaft Sleeve-Short
15.1	Shaft Sleeve
15.2	Packing Shaft Sleeve
16	Bearing Seal Plate
17	Packing Seal Plate
18	Lantern Ring
19	Gland
20	Packing Cover
21	Slinger
22	Ball Bearing
23	O-ring
24	O-ring
25	O-ring

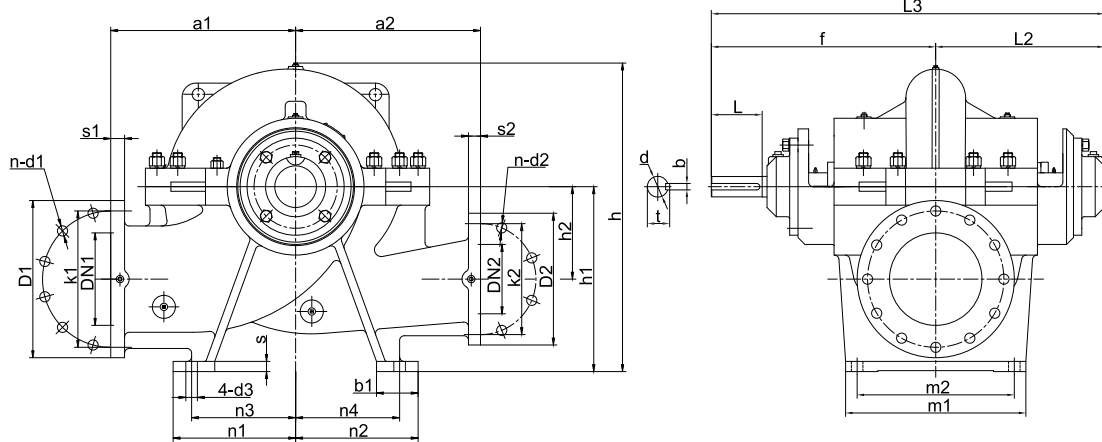
Code	Part Name
26	Felting
27	External Circlips
28	Key
29	Key
30	Screw Bolt
31	Spring Washer
32	Screw Nut
33	Pin
34	Screw Nut
35	Screw Bolt
36	Flat Gasket
37	Screw Nut
38	Screw Bolt
39	Plug

Performance Ranges • 60Hz



Performance to ISO9906 Grade 2 for clean cold water only

Pump Dimensions



Model	DN1	DN2	Pump Dimensions									Foot									Shaft				Weight											
			a1	a2	f	L2	L3	h	h1	h2	m1	m2	n1	n2	n3	n4	b1	d3	s	d	b	L	t	kg												
NDS80-210	125	80	300	300	385	300	685	490	315	140	320	270	205	205	170	170	80	Φ25	22	Φ34	10	80	37.3	179												
NDS80-270				528													200																			
NDS80-370				558													209																			
NDS100-250	150	100	330	330	385	300	685	570	355	170	320	270	235	235	200	200	80	Φ25	22	Φ34	10	80	37.3	209												
NDS100-310				605													257																			
NDS100-375				620													245																			
NDS125-230	200	125	370	370	485	365	850	620	400	200	390	340	265	265	225	225	90	Φ25	22	Φ44	12	110	47.3	309												
NDS125-290				635													293																			
NDS125-365				665													311																			
NDS125-500	200	150	450	450	540	420	960	720	400	200	390	340	320	320	280	280	85	Φ25	26	Φ44	12	110	47.3	414												
NDS150-290				660													323																			
NDS150-360				670													350																			
NDS150-460	300	250	450	450	629	479	1108	710	600	300	480	430	315	315	280	280	75	Φ30	35	Φ54	16	145	68.4	418												
NDS150-605			600	500				885																755												
NDS200-250								793																500												
NDS200-320	250	200	450	450	629	479	1108	805	500	240	480	430	315	315	280	280	85	Φ25	25	Φ54	16	145	68.4	506												
NDS200-420				500				500									830								551											
NDS200-520				600				500									925							560	300	490		700								
NDS200-670	300	250	650	550	629	479	1108	1055	600	300	500	400	400	400	350	350		Φ28	35	Φ64	18	145	68.4	1218												
NDS250-280								955																550												
NDS250-370								975																719												
NDS250-480	300	250	550	550	695	515	1210	985	630	350	600	520	400	400	350	350		Φ30	32	Φ74	20	170	78.9	906												
NDS250-600				650													1060								1116											
NDS300-300			350	300				550									500							629	479	1108	1010	630	300	500	400	400	400	350	350	100
NDS300-435	400	300	650	550	695	515	1210	1072	670	333	600	520	525	525	475	475	110	Φ30	32	Φ74	20	170	78.9	947												
NDS300-560				700	650	785	605	1390	1140	710	350													400	400	350	350	100	35	Φ30	35					Φ84
NDS300-700				750	650	785	605	1390	1255	750	400						620							600	530	530	475	475	120			Φ30	40	Φ84	22	
NDS350-360	450	350	650	550	695	515	1210	1100	670	350	620	525	525	475	475	100	Φ30	32	Φ74	20	170	78.9	1077													
NDS350-430				750	650	785	605	1390	1200	750						400							475						525	525	475					475
NDS350-510			400	350	700	650	785	605	1390	1200						750								400	620	525	525	475				475	110	Φ30	40	
NDS350-575		750			750	853	667	1520	1400	900	420	780	630	560	560	485	485	150	Φ35	35	Φ95	25		210									100.4			
NDS400-525	500	400			750	700	968	747	1715	1410	475		890					740					560						560	485	485					150
NDS400-665				1000	750			1715	1550	1000	525																									

Flange Dimensions (ISO7005.2 DIN2501 PN16 GB/T17241.6 PN1.6)

DN1/DN2	80	100	125	150	200	250	300	350	400	450	500	600	700
K1/K2	160	180	210	240	295	355	410	470	525	585	650	770	840
D1/D2	200	220	250	285	340	405	460	520	580	640	715	840	910
S1/S2	22	24	26	26	30	32	34	38	40	40	46	54	54
n-d1/n-d2	8-Φ17.5	8-Φ17.5	8-Φ17.5	8-Φ22	12-Φ22	12-Φ26	12-Φ26	16-Φ26	16-Φ30	20-Φ30	20-Φ33	20-Φ36	24-Φ36

Technical Data

Model	Capacity		Head	Speed	Power(kw)		Eff	Impeller Dia.	(NPSH)r
Model	m³/h	L/s	m	r/min	Shaft	Motor	%	mm	m
NDS 80-210	178	49	102	3580	67	110	74	220	3.5
	302	84	89		89.4		82		8
	364	101	79		97.6		80		10.5
NDS 80-210A	166	46	89	3580	55.8	90	72	205	3.5
	282	78	77		72.8		81		8
	340	94	66		78.1		78		10.5
NDS 80-210B	154	43	74	3580	45.1	75	69	190	3.5
	261	72	62		56.7		78		8
	315	87	52		60.8		74		10.5
NDS 80-210C	141	39	62	3580	36.3	55	66	175	3.5
	240	67	49		42.6		76		8
	290	81	40		45.4		70		10.5
NDS 80-270	213	59	157	3580	124.7	200	73	265	6.5
	351	98	140		165.6		81		14.5
	427	119	122		184.1		77		19
NDS 80-270A	197	55	132	3580	98.7	160	72	245	6.5
	325	90	116		133		77		14.5
	394	110	99		147.4		72		19
NDS 80-270B	181	50	111	3580	79.4	132	69	225	6.5
	298	83	93		103.1		73		14.5
	362	101	77		114		67		19
NDS 80-270C	165	46	89	3580	60.6	90	66	205	6.5
	272	75	73		77.3		70		14.5
	330	92	59		82.2		64		19
NDS 100-250	249	69	135	3580	126.9	200	72	254	4
	409	114	118		162.7		81		11
	489	136	101		175		77		20
NDS 100-250A	231	64	113	3580	98.7	160	72	236	4
	380	106	98		126.2		80		11
	454	126	84		135.2		77		20
NDS 100-250B	215	60	96	3580	79.3	132	71	219	4
	353	98	82		99.3		79		11
	421	117	70		105.9		76		20
NDS 100-250C	197	55	81	3580	61.3	90	71	201	4
	324	90	67		75.8		78		11
	387	107	57		80.5		75		20
NDS 125-230	401	111	119	3580	177.6	315	73	245	7.1
	662	184	101		217.3		84		7.5
	792	220	89		243.1		79		8.4
NDS 125-230A	373	104	101	3580	146	200	70	228	7.1
	616	171	82		167.6		82		7.5
	737	205	70		178.6		79		8.4
NDS 125-230B	343	95	80	3580	111.1	160	67	210	7.1
	567	158	64		124.4		80		7.5
	679	189	53		129.7		76		8.4
NDS 125-230C	316	88	64	3580	86.5	110	64	193	7.1
	521	145	48		89.7		76		7.5
	624	173	37		88.5		72		8.4
NDS 125-290	409	114	187	3580	271.2	450	77	298	6.2
	679	189	164		361		84		7.3
	819	227	146		397.9		82		8.4

Technical Data

Model	Capacity		Head	Speed	Power(kw)		Eff	Impeller Dia.	(NPSH)r
NDS 125-290A	379	105	154	3580	212.7	315	75	276	6.2
	629	175	130		272.8		82		7.3
	758	211	114		294.6		80		8.4
NDS 125-290B	349	97	126	3580	163.8	250	73	254	6.2
	579	161	105		206.5		80		7.3
	698	194	88		213.9		78		8.4
NDS 125-290C	319	89	104	3580	128.5	200	70	232	6.2
	529	147	82		151.3		78		7.3
	637	177	66		155.1		74		8.4
NDS 80-210	87	24	24.5	1750	7.8	15	74	220	2
	148	41	21.3		10.4		82		3
	178	49	18.8		11.4		80		3.8
NDS 80-210A	81	22	21.3	1750	6.5	11	72	205	2
	138	38	18.4		8.5		81		3
	166	46	15.7		9.1		78		3.8
NDS 80-210B	75	21	17.8	1750	5.3	11	69	190	2
	128	35	14.9		6.6		78		3
	154	43	12.5		7.1		74		3.8
NDS 80-210C	69	19	14.9	1750	4.2	7.5	66	175	2
	118	33	11.8		5		76		3
	142	39	9.6		5.3		70		3.8
NDS 80-270	106	29	38.7	1780	15.3	30	73	265	2.2
	175	48	34.7		20.4		81		3.4
	212	59	30.1		22.6		77		5
NDS 80-270A	98	27	32.7	1780	12.1	22	72	245	2.2
	161	45	28.6		16.4		77		3.4
	196	54	24.4		18.1		72		5
NDS 80-270B	90	25	27.4	1780	9.8	18.5	69	225	2.2
	148	41	22.9		12.7		73		3.4
	180	50	19.1		14		67		5
NDS 80-270C	82	23	22	1780	7.5	15	66	205	2.2
	135	38	18.1		9.5		70		3.4
	164	46	14.5		10.1		64		5
NDS 80-370	104	29	61	1780	25.4	45	68	330	2.2
	173	48	56.4		35.5		75		3.3
	208	58	51.9		40.8		72		4.6
NDS 80-370A	98	27	53.2	1780	21.1	37	67	310	2.2
	163	45	48.7		29.2		74		3.3
	195	54	44.3		33.2		71		4.6
NDS 80-370B	90	25	45.4	1780	16.8	30	66	285	2.2
	150	42	40.8		22.8		73		3.3
	179	50	36.2		25.3		70		4.6
NDS 80-370C	82	23	37.6	1780	12.9	22	65	260	2.2
	136	38	31.8		16.4		72		3.3
	164	45	27.5		18		68		4.6
NDS 100-250	124	34	33.3	1780	15.6	22	72	254	1.4
	203	56	29.2		20		81		2.7
	243	68	25		21.5		77		4.3
NDS 100-250A	115	32	27.9	1780	12.1	18.5	72	236	1.4
	189	52	24.1		15.5		80		2.7
	226	63	20.8		16.6		77		4.3
NDS 100-250B	107	30	23.8	1780	9.7	15	71	219	1.4
	175	49	20.2		12.2		79		2.7
	210	58	17.3		13		76		4.3

Technical Data

Model	Capacity		Head	Speed	Power(kw)		Eff	Impeller Dia.	(NPSH)r
NDS 100-250C	98	27	20	1780	7.5	11	71	201	1.4
	161	45	16.6		9.3		78		2.7
	192	53	14.2		9.9		75		4.3
NDS 100-310	156	43	55.5	1780	32.3	55	73	320	2
	260	72	50.5		44.1		81		3
	312	87	45.6		49		79		4.3
NDS 100-310A	147	41	49.6	1780	27.5	45	72	301	2
	244	68	44.8		37.3		80		3
	293	81	41.2		41.7		79		4.3
NDS 100-310B	135	38	41.9	1780	22.1	37	70	278	2
	226	63	38.5		30.3		78		3
	271	75	35.3		33.8		77		4.3
NDS 100-310C	124	34	35.1	1780	17.7	30	67	254	2
	206	57	31.2		23.1		76		3
	247	69	28.2		25.7		74		4.3
NDS 100-375	139	38	90.3	1780	51.6	90	66	408	2
	229	64	81.7		68.1		75		2.5
	277	77	73		76.6		72		4.3
NDS 100-375A	130	36	77.1	1780	41.9	75	65	382	2
	215	60	69		55.3		73		2.5
	259	72	59.3		59.9		70		4.3
NDS 100-375B	121	33	65.4	1780	33.6	55	64	355	2
	200	55	58.6		44.9		71		2.5
	241	67	49.2		49		66		4.3
NDS 100-375C	110	31	55	1780	27.1	45	61	325	2
	183	51	48		34.7		69		2.5
	221	61	39.1		38.5		61		4.3
NDS 125-230	199	55	29.4	1780	21.8	37	73	245	1.5
	329	91	25		26.7		84		1.9
	394	109	22		29.9		79		2.8
NDS 125-230A	185	51	24.9	1780	18	30	70	228	1.5
	306	85	20.3		20.6		82		1.9
	367	102	17.4		22		79		2.8
NDS 125-230B	171	47	19.7	1780	13.7	22	67	210	1.5
	282	78	15.9		15.3		80		1.9
	338	94	13.2		15.9		76		2.8
NDS 125-230C	157	44	15.9	1780	10.6	15	64	193	1.5
	259	72	11.9		11		76		1.9
	310	86	9.3		10.9		72		2.8
NDS 125-290	203	57	46.3	1780	33.3	55	77	298	2.2
	338	94	40.5		44.4		84		3.2
	407	113	36.2		48.9		82		5.3
NDS 125-290A	188	52	38.2	1780	26.1	45	75	276	2.2
	313	87	32.3		33.5		82		3.2
	377	105	28.2		36.2		80		5.3
NDS 125-290B	173	48	31.1	1780	20.1	30	73	254	2.2
	288	80	25.9		25.4		80		3.2
	347	96	21.7		26.3		78		5.3
NDS 125-290C	158	44	25.6	1780	15.8	22	70	232	2.2
	263	73	20.3		18.6		78		3.2
	317	88	16.3		19.1		74		5.3
NDS 125-365	260	72	81.9	1780	74.3	132	78	390	3
	433	120	72.6		100.8		85		3.8
	520	144	65.1		112.4		82		6

Technical Data

Model	Capacity		Head	Speed	Power(kw)		Eff	Impeller Dia.	(NPSH)r
NDS 125-365A	235	65	63.6	1780	54.4	90	75	353	3
	392	109	55.8		72.7		82		3.8
	470	131	49.2		79.8		79		6
NDS 125-365B	214	59	52.1	1780	42.1	75	72	321	3
	356	99	43.4		53.3		79		3.8
	428	119	37.6		57.7		76		6
NDS 125-365C	193	53	41.9	1780	31.9	55	69	289	3
	321	89	34		39.1		76		3.8
	385	107	28.9		42.2		72		6
NDS 125-500	234	65	121.5	1780	103.2	200	75	475	2.2
	390	108	111.4		144.2		82		3
	468	130	102.7		165.6		79		4.5
NDS 125-500A	208	58	105.6	1780	81.9	160	73	443	2.2
	346	96	96.9		114.3		80		3
	416	115	88.2		129.8		77		4.5
NDS 125-500B	182	51	90.4	1780	63.1	110	71	412	2.2
	303	84	81.7		86.5		78		3
	364	101	74.5		98.4		75		4.5
NDS 125-500C	156	43	76.7	1780	47.2	90	69	381	2.2
	260	72	69.4		64.7		76		3
	312	87	62.2		72.4		73		4.5
NDS 150-290	312	87	37.6	1780	42	75	76	280	2.4
	520	144	32.7		53.2		87		5
	623	173	28.2		57		84		7.5
NDS 150-290A	294	82	33.3	1780	35.1	55	76	264	2.4
	490	136	28.6		44.5		86		5
	588	163	24.9		48		83		7.5
NDS 150-290B	271	75	27.9	1780	28.6	45	72	243	2.4
	451	125	23.4		34.3		84		5
	541	150	19.5		35.5		81		7.5
NDS 150-290C	253	70	23.6	1780	23.9	37	68	227	2.4
	421	117	18.8		27		80		5
	505	140	15.2		27.2		77		7.5
NDS 150-360	325	90	64.8	1780	72.6	132	79	355	2
	541	150	55.8		95.7		86		2.5
	649	180	47.7		103		82		3.5
NDS 150-360A	297	83	53.5	1780	56.3	90	77	325	2
	495	138	44.8		72.9		83		2.5
	595	165	38.3		77.6		80		3.5
NDS 150-360B	273	76	44.8	1780	44.4	75	75	298	2
	454	126	36.6		55.9		81		2.5
	545	151	30.4		57.9		78		3.5
NDS 150-360C	251	70	37.6	1780	35.7	55	72	274	2
	418	116	29.4		42.8		78		2.5
	501	139	23.1		42.7		74		3.5
NDS 150-460	372	103	107	1780	141	250	77	452	3.6
	619	172	96.2		193.2		84		4.2
	745	207	85.3		213.8		81		6.8
NDS 150-460A	343	95	90.4	1780	112.6	200	75	416	3.6
	570	158	79.6		148.8		83		4.2
	685	190	70.9		167.6		79		6.8
NDS 150-460B	311	86	75.2	1780	87.4	160	73	378	3.6
	518	144	65.1		113.4		81		4.2
	623	173	55		121.1		77		6.8

Technical Data

Model	Capacity		Head	Speed	Power(kw)		Eff	Impeller Dia.	(NPSH)r
NDS 150-460C	280	78	60.8	1780	65.3	110	71	340	3.6
	466	129	52.1		82.6		80		4.2
	560	156	43.4		88.3		75		6.8
NDS 150-605	416	115	169.2	1780	259	450	74	560	3
	693	192	151.9		353.9		81		4.3
	831	231	138.9		398.2		79		7
NDS 150-605A	388	108	147.5	1780	216.8	400	72	523	3
	647	180	130.2		286.9		80		4.3
	776	216	118.6		325.9		77		7
NDS 150-605B	361	100	125.8	1780	174.2	315	71	486	3
	601	167	111.4		233.9		78		4.3
	721	200	98.4		261.3		74		7
NDS 150-605C	333	93	105.6	1780	141	250	68	449	3
	555	154	89.7		178.6		76		4.3
	649	180	79.6		201.1		70		7
NDS 200-250	468	130	37.6	1780	59.9	90	80	281	2.2
	779	216	30.4		74.1		87		4.5
	935	260	26		79		84		7.2
NDS 200-250A	441	122	31.8	1780	51	75	75	265	2.2
	735	204	24.6		59.3		83		4.5
	882	245	21		63		80		7.2
NDS 200-250B	411	114	27.2	1780	43.5	55	70	247	2.2
	685	190	20.3		47.8		79		4.5
	822	228	15.9		48.2		74		7.2
NDS 200-250C	383	106	22.4	1780	34.4	45	68	230	2.2
	638	177	15		35.3		74		4.5
	765	213	10.4		35.6		61		7.2
NDS 200-320	476	132	55	1780	92.6	132	77	338	3
	792	220	46.3		114.9		87		3.8
	953	265	37.6		119		82		5.5
NDS 200-320A	442	123	45.4	1780	71.1	110	77	314	3
	736	204	36.7		87.7		84		3.8
	885	246	29.5		90.1		79		5.5
NDS 200-320B	409	114	37.6	1780	58.2	75	72	290	3
	680	189	28.9		67.8		79		3.8
	817	227	21.7		63.6		76		5.5
NDS 200-320C	375	104	30.4	1780	45	55	69	266	3
	624	173	22		49.2		76		3.8
	750	208	15.9		45.1		72		5.5
NDS 200-420	507	141	89.7	1780	156.7	250	79	415	3
	844	235	78.1		206.5		87		3.8
	1013	281	68		228.9		82		5.5
NDS 200-420A	464	129	73.8	1780	119.5	200	78	380	3
	773	215	62.2		156		84		3.8
	928	258	53.5		169.1		80		5.5
NDS 200-420B	427	119	61.5	1780	95.4	160	75	350	3
	712	198	52.1		124.7		81		3.8
	854	237	41.9		125.2		78		5.5
NDS 200-420C	391	109	50.6	1780	74.8	110	72	320	3
	651	181	39.8		90.5		78		3.8
	781	217	32.5		93.6		74		5.5
NDS 200-520	589	164	153.3	1780	319.5	560	77	530	4
	979	272	134.5		432.1		83		6
	1173	326	120.1		492.1		78		9

Technical Data

Model	Capacity		Head	Speed	Power(kw)		Eff	Impeller Dia.	(NPSH)r
NDS 200-520A	540	150	125.8	1780	240.5	400	77	486	4
	897	249	112.8		340.6		81		6
	1076	299	98.4		369.7		78		9
NDS 200-520B	491	136	102.7	1780	183.2	315	75	442	4
	816	227	88.2		248.4		79		6
	979	272	76.7		265.5		77		9
NDS 200-520C	442	123	81	1780	133.7	200	73	398	4
	735	204	68		174.5		78		6
	881	245	56.4		180.6		75		9
NDS 250-370	766	213	68	1780	186.8	250	76	369	3.3
	1277	355	57		225.4		88		5.2
	1533	426	44.1		219.3		84		7.3
NDS 250-370A	706	196	58.6	1780	154.4	250	73	340	3.3
	1177	327	47.7		180.1		85		5.2
	1412	392	40.5		192.4		81		7.3
NDS 250-370B	644	179	49.2	1780	123.3	200	70	310	3.3
	1073	298	39.1		139.3		82		5.2
	1288	358	33		148.4		78		7.3
NDS 250-370C	577	160	39.6	1780	94.5	132	66	278	3.3
	962	267	31.2		105		78		5.2
	1155	321	26		109.2		75		7.3
NDS 250-480	883	245	112.8	1780	343.7	560	79	470	3.3
	1472	409	98.4		448.3		88		6.3
	1767	491	88.2		499.7		85		9.3
NDS 250-480A	823	229	97.6	1780	280.8	450	78	438	3.3
	1372	381	83.9		364.7		86		6.3
	1646	457	75.2		406.5		83		9.3
NDS 250-480B	757	210	83.9	1780	227.8	355	76	403	3.3
	1262	351	70.9		290.2		84		6.3
	1515	421	62.2		320.9		80		9.3
NDS 250-480C	693	193	69.4	1780	179.7	315	73	369	3.3
	1156	321	60.8		236.2		81		6.3
	1387	385	52.1		252.3		78		9.3
NDS 250-600	935	260	193.8	1780	633.3	1120	78	610	3.5
	1559	433	175		864.4		86		7
	1870	520	156.2		971		82		10
NDS 250-600A	871	242	170.7	1780	532.9	900	76	568	3.5
	1451	403	153.3		713.4		85		7
	1742	484	137.4		785.7		83		10
NDS 250-600B	797	221	143.2	1780	420.4	710	74	520	3.5
	1329	369	127.3		548.6		84		7
	1594	443	112.8		597.8		82		10
NDS 250-600C	728	202	117.2	1780	322.9	500	72	475	3.5
	1214	337	101.3		408.4		82		7
	1456	405	86.8		430.5		80		10
NDS 300-300	779	216	46.3	1780	132.8	160	74	330	5
	1299	361	36.2		148		86.5		6.8
	1559	433	27.8		147.4		80		8.2
NDS 300-300A	727	202	39.1	1780	107.5	132	72	308	5
	1212	337	28.9		113.1		84.5		6.8
	1455	404	21.7		110.3		78		8.2
NDS 300-300B	678	188	31.8	1780	84	110	70	287	5
	1130	314	23.1		85.8		83		6.8
	1356	377	16.6		83		74		8.2

Technical Data

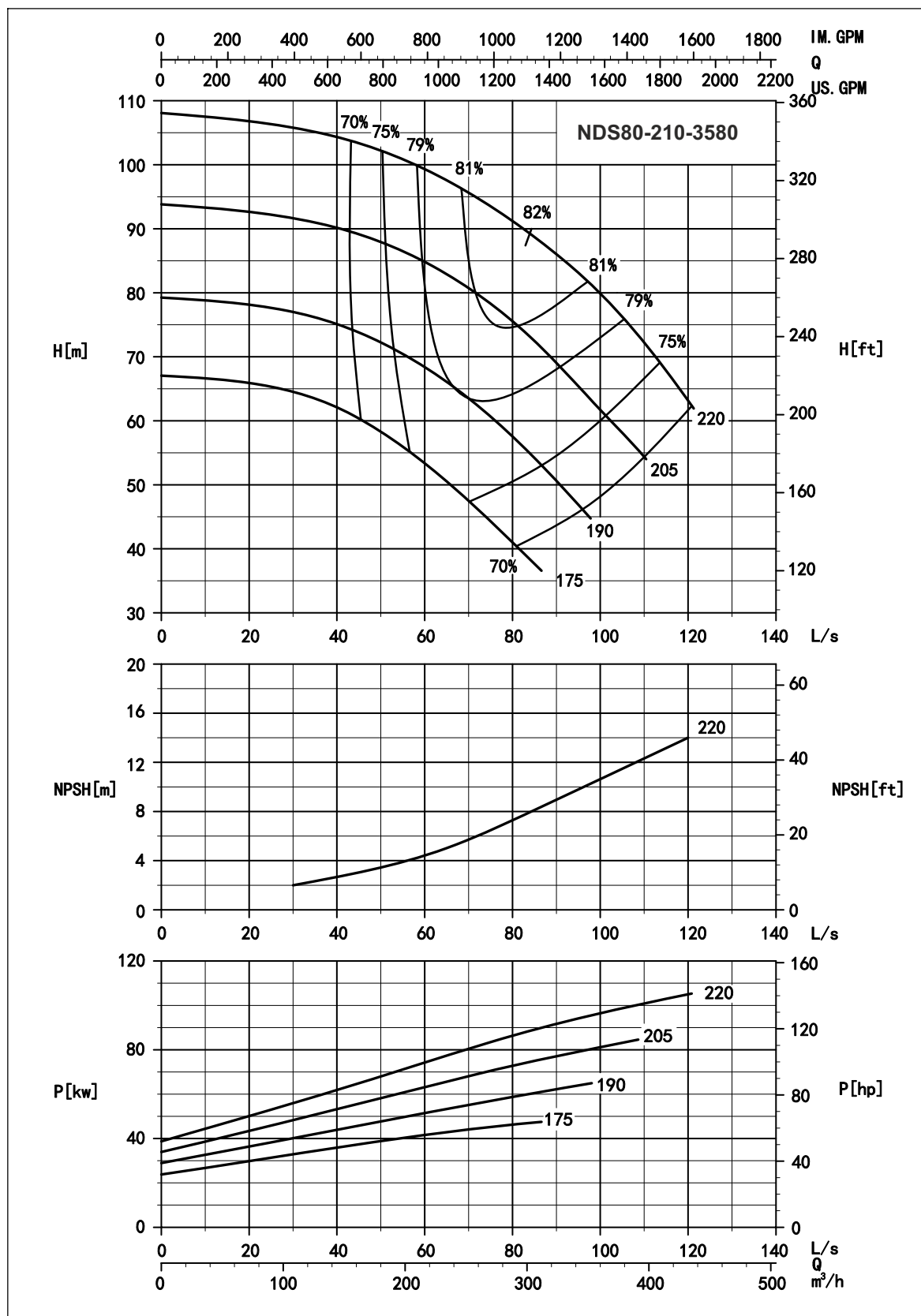
Model	Capacity		Head	Speed	Power(kw)		Eff	Impeller Dia.	(NPSH)r
NDS 300-300C	612	170	26	1780	65.8	75	66	259	5
	1019	283	18.2		64.1		79		6.8
	1223	340	13		60.3		72		8.2
NDS 300-435	1299	361	94	1780	421.2	630	79	438	4.8
	2165	601	81		536.9		89		7.4
	2598	722	70.9		583.4		86		9.8
NDS 300-435A	1231	342	82.5	1780	354.5	560	78	415	4.8
	2051	570	69.4		441		88		7.4
	2461	684	60.8		479.4		85		9.8
NDS 300-435B	1145	318	72.3	1780	293	400	77	386	4.8
	1908	530	59.3		354.4		87		7.4
	2289	636	49.2		369.6		83		9.8
NDS 300-435C	1050	292	60.8	1780	231.7	315	75	354	4.8
	1750	486	47.7		267.7		85		7.4
	2100	583	39.1		279.3		80		9.8
NDS 300-560	1234	343	170.7	1780	717.4	1250	80	565	5
	2057	571	151.9		978.3		87		9.2
	2468	686	137.4		1087.2		85		12.6
NDS 300-560A	1125	312	138.9	1780	552.7	900	77	515	5
	1875	521	120.1		713.1		86		9.2
	2250	625	105.6		770.5		84		12.6
NDS 300-560B	1018	283	112.8	1780	422.8	630	74	466	5
	1696	471	94		511.3		85		9.2
	2036	565	79.6		538.1		82		12.6
NDS 300-560C	930	258	91.1	1780	320.9	450	72	426	5
	1551	431	75.2		382.9		83		9.2
	1861	517	60.8		394.9		78		12.6
NDS 350-360	1221	339	60.8	1780	288.7	315	70	382	4.6
	2035	565	45.6		292.1		86.5		8.2
	2442	678	31.8		271.5		78		11.5
NDS 350-360A	1141	317	52.1	1780	238.1	315	68	357	4.6
	1902	528	39.1		240.9		84		8.2
	2282	634	27.5		222		77		11.5
NDS 350-360B	1061	295	44.8	1780	196.5	250	66	332	4.6
	1769	491	33.3		195.5		82		8.2
	2122	590	23.1		176.1		76		11.5
NDS 350-360C	1013	281	37.6	1780	164.8	200	63	317	4.6
	1689	469	26		151.7		79		8.2
	2026	563	17.4		133.1		72		11.5
NDS 350-430	2026	563	79.6	1780	618.7	800	71	440	8
	3377	938	61.5		661.7		85.5		12.5
	4053	1126	50.6		690.2		81		16
NDS 350-430A	1893	526	69.4	1780	519	630	69	411	8
	3155	876	52.1		532.9		84		12.5
	3786	1052	40.5		528.8		79		16
NDS 350-430B	1759	489	57.9	1780	420.2	500	66	382	8
	2932	814	40.5		399.5		81		12.5
	3518	977	30.4		383.2		76		16
NDS 350-430C	1681	467	49.2	1780	352	400	64	365	8
	2802	778	32.5		314.5		79		12.5
	3247	902	24.6		302.2		72		16
NDS 350-510	2026	563	127.3	1780	889.6	1400	79	515	6
	3377	938	109.9		1111.7		91		11
	4053	1126	95.5		1198		88		15

Technical Data

Model	Capacity		Head	Speed	Power(kw)		Eff	Impeller Dia.	(NPSH)r
NDS 350-510A	1896	527	111.4	1780	747.5	1120	77	482	6
	3161	878	95.5		913.6		90		11
	3793	1054	82.5		979.5		87		15
NDS 350-510B	1751	486	94	1780	598.1	900	75	445	6
	2918	811	81		723.7		89		11
	3502	973	69.4		779.4		85		15
NDS 350-510C	1605	446	76.7	1780	472.3	710	71	408	6
	2676	743	66.5		564.1		86		11
	3211	892	55		601.1		80		15
NDS 350-575	2052	570	163.5	1780	1171.9	1800	78	571	5
	3420	950	146.1		1512.9		90		10.7
	4113	1143	131.6		1715.4		86		15
NDS 350-575A	1937	538	147.5	1780	1011.5	1600	77	539	5
	3229	897	125.8		1244		89		10.7
	3883	1079	111.4		1386.3		85		15
NDS 350-575B	1819	505	130.2	1780	860.2	1250	75	506	5
	3031	842	109.9		1031.8		88		10.7
	3645	1013	96.9		1159.7		83		15
NDS 350-575C	1704	473	114.3	1780	726.7	1120	73	474	5
	2839	789	95.5		858.9		86		10.7
	3414	948	82.5		958.9		80		15

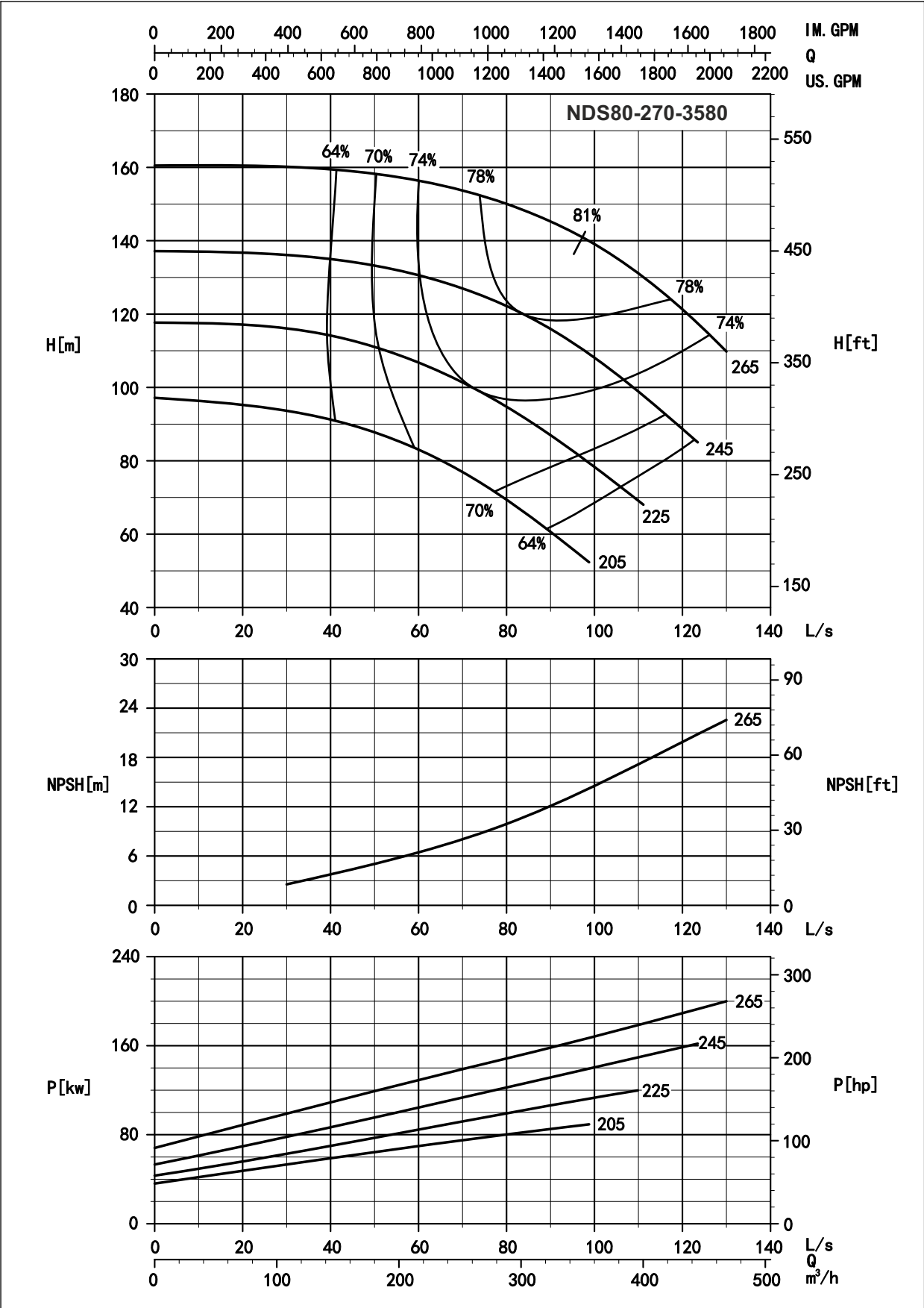
Performance Curves

The performance curves apply to ISO9906 grade 2 for clean cold water only.



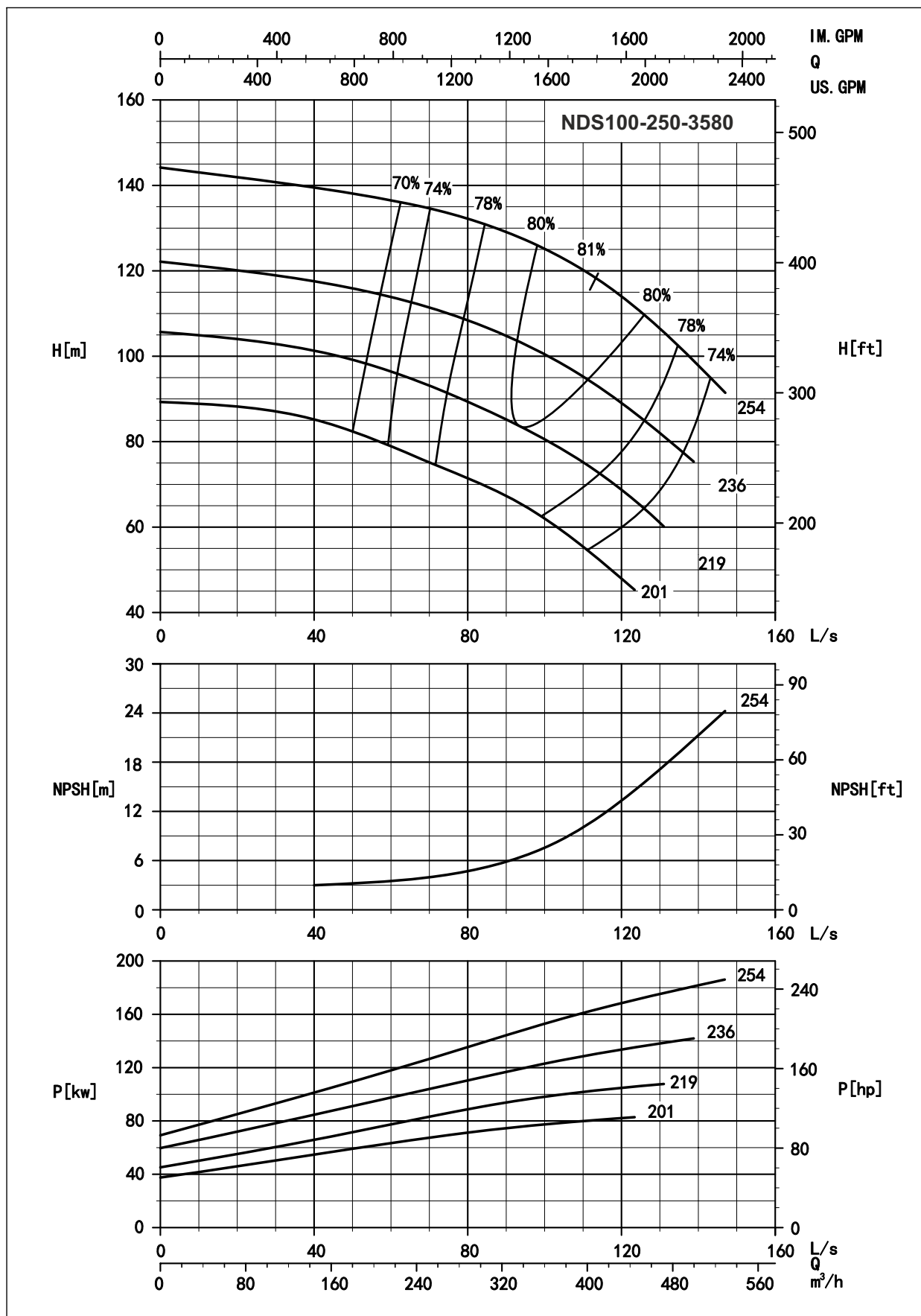
Performance Curves

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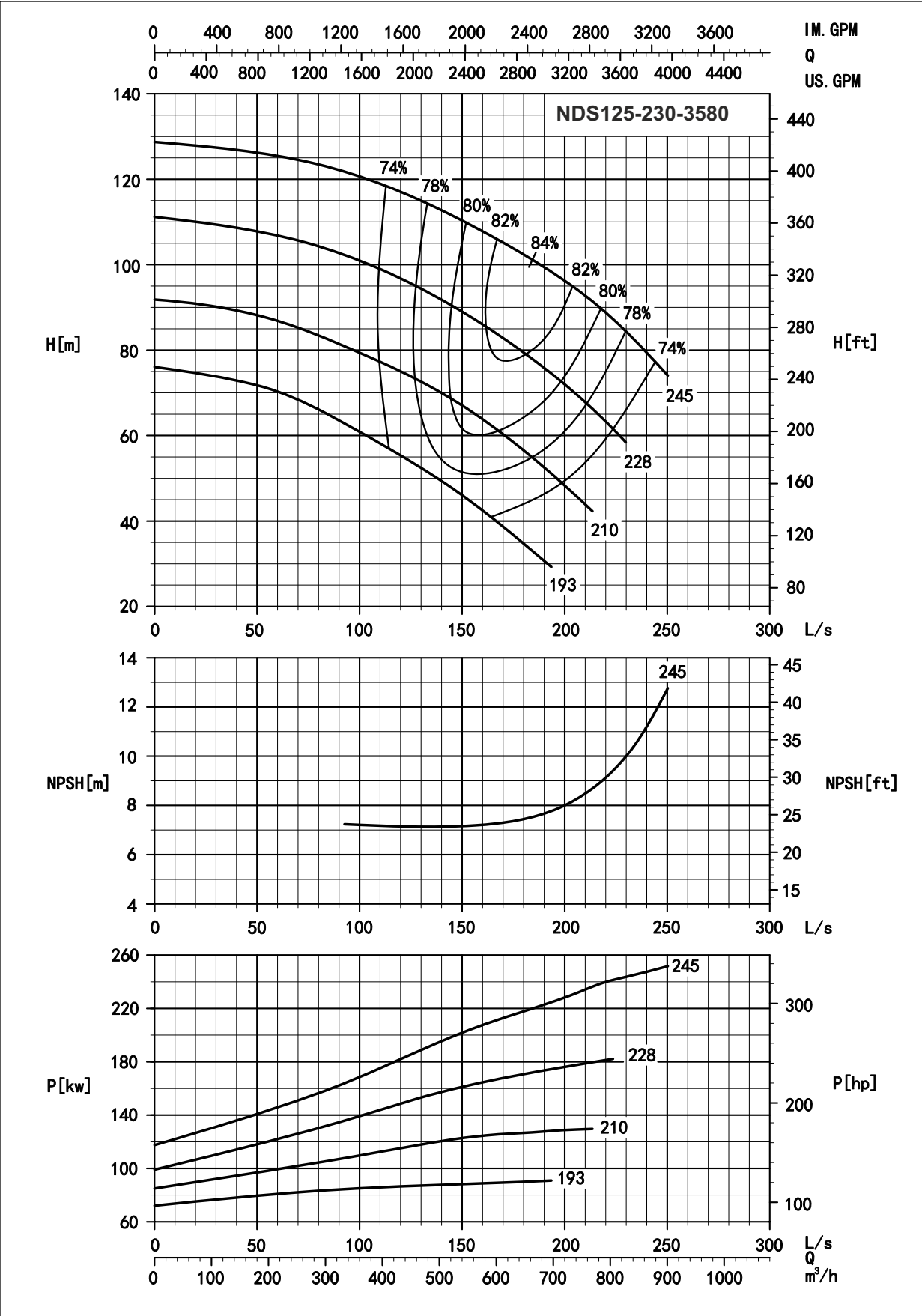
Performance Curves

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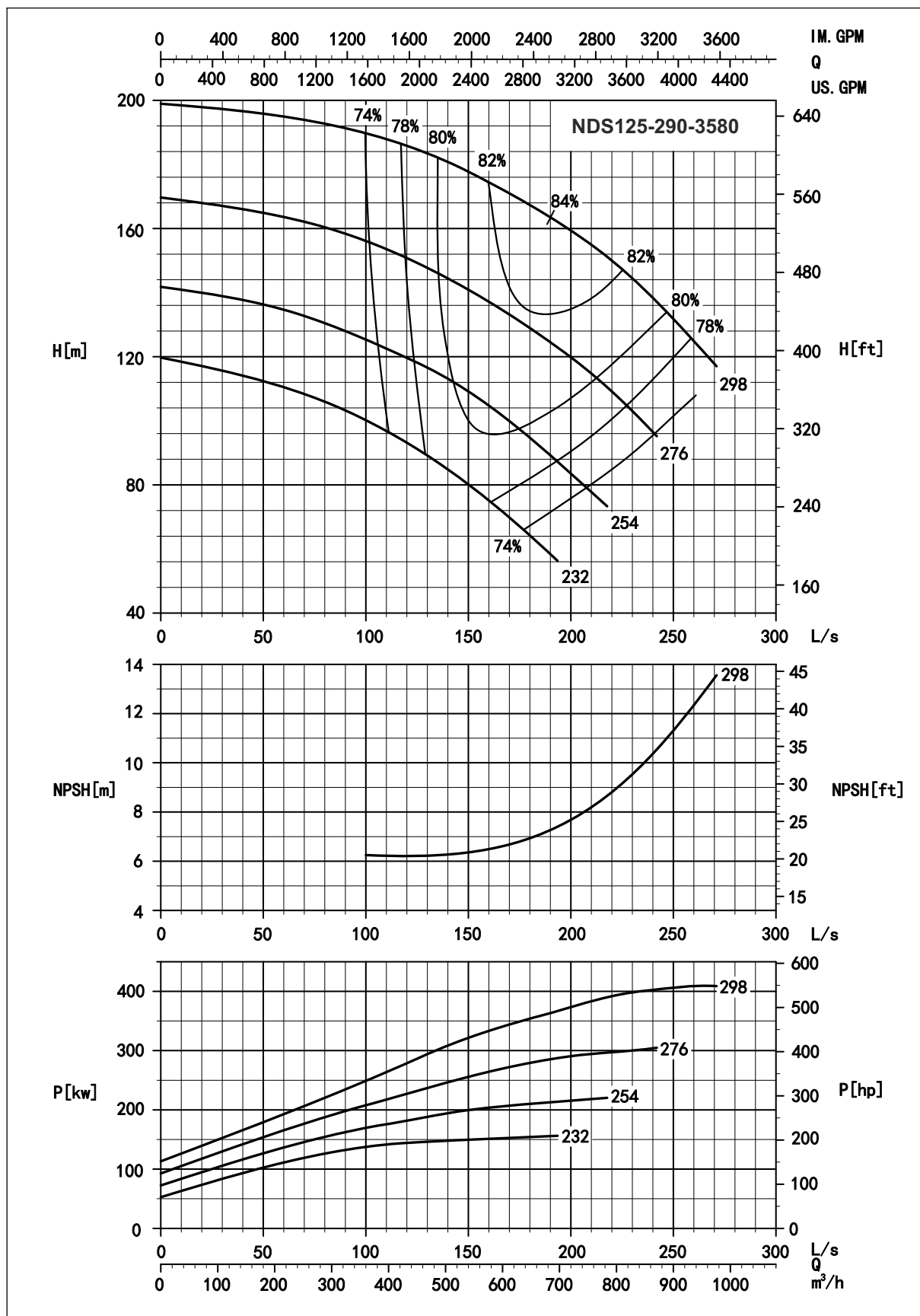
Performance Curves

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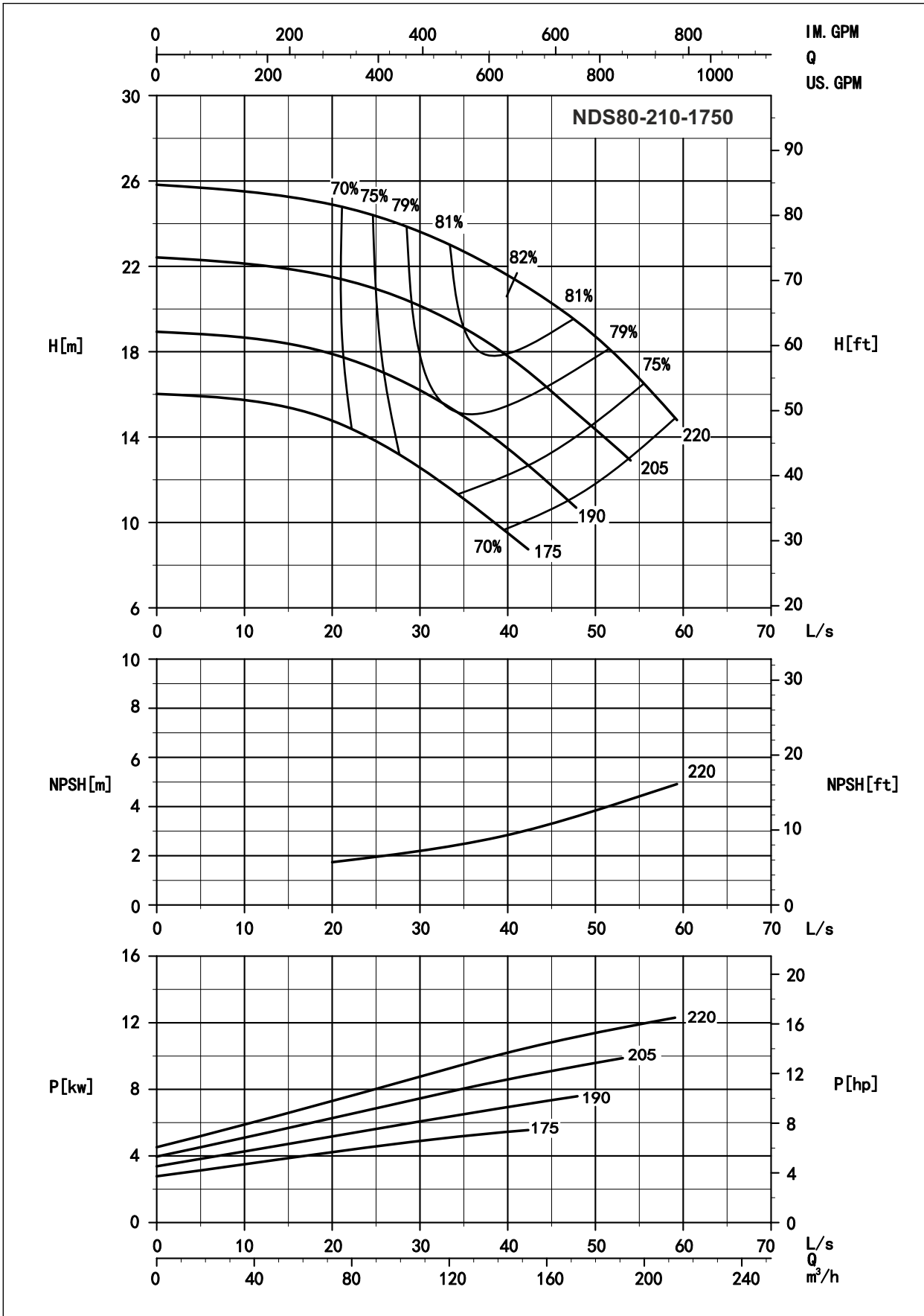
Performance Curves

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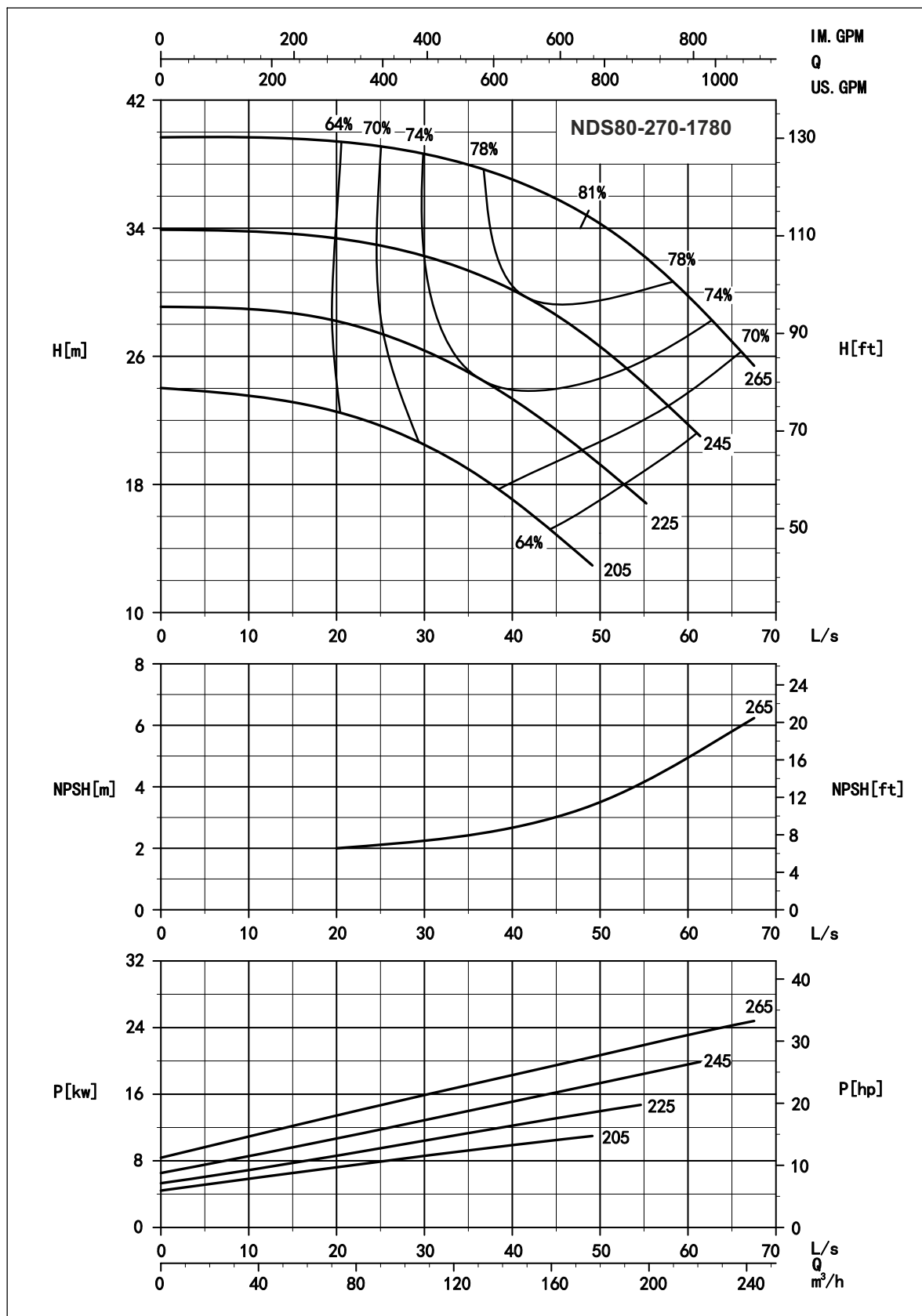
Performance Curves

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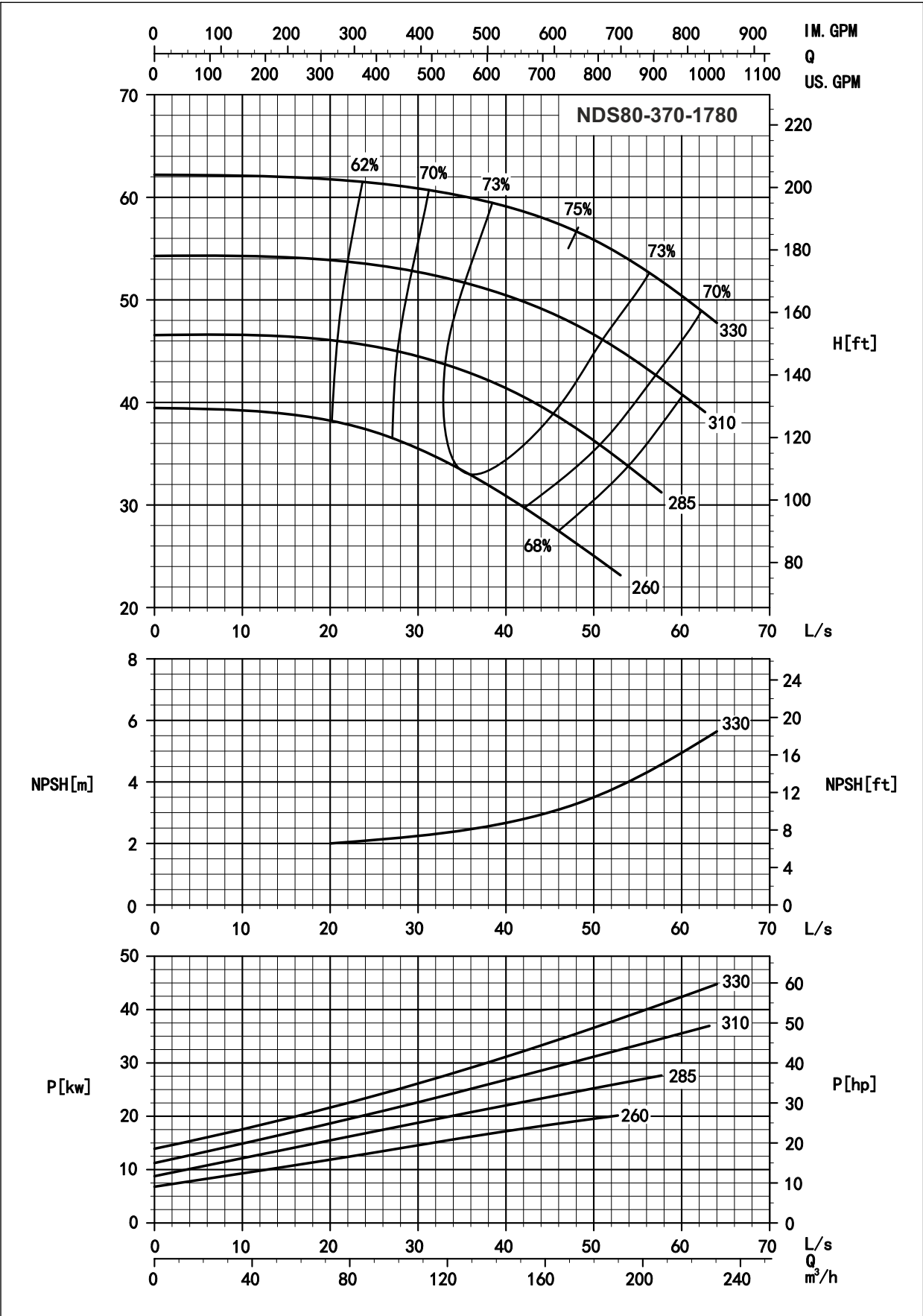
Performance Curves

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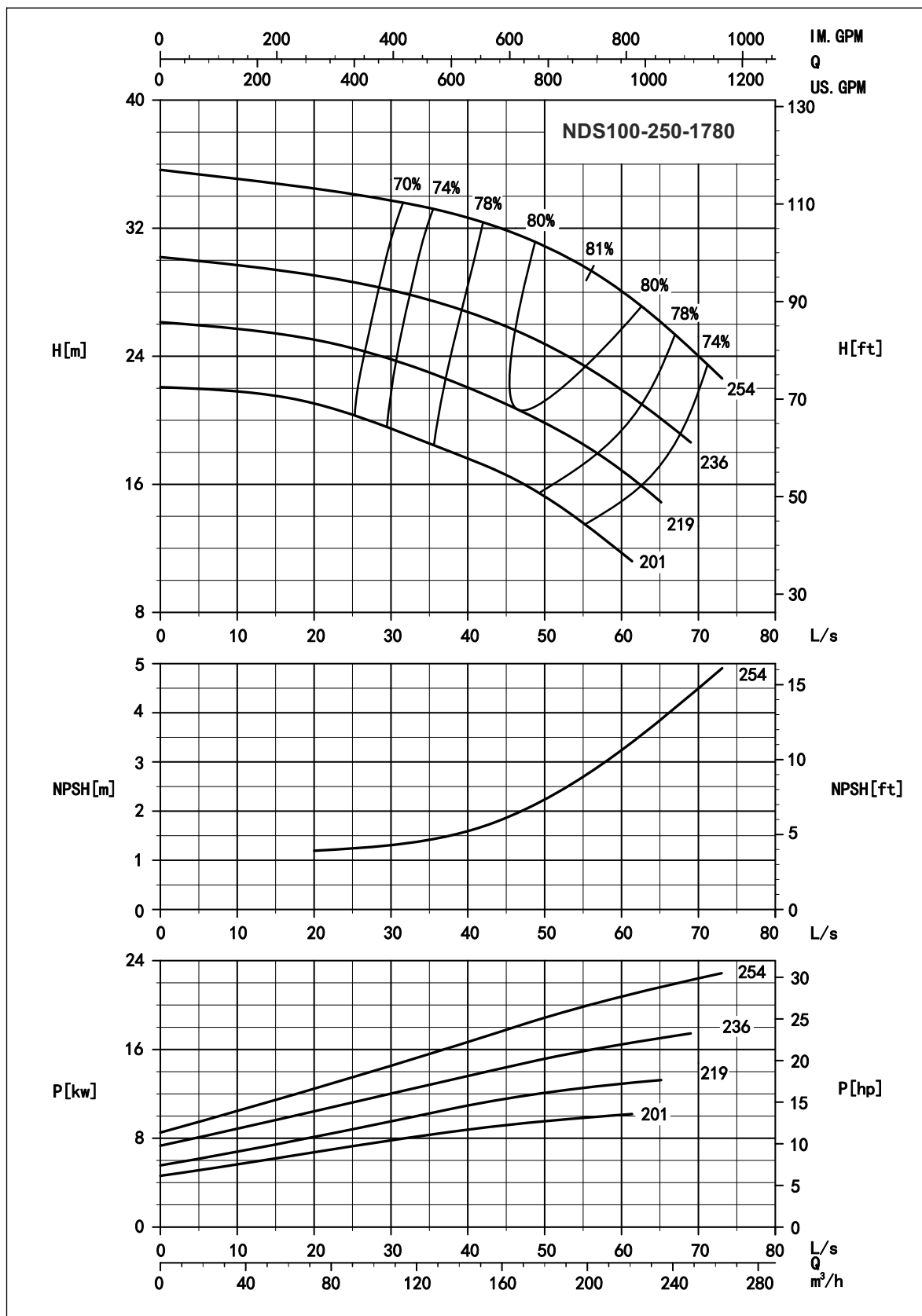
Performance Curves

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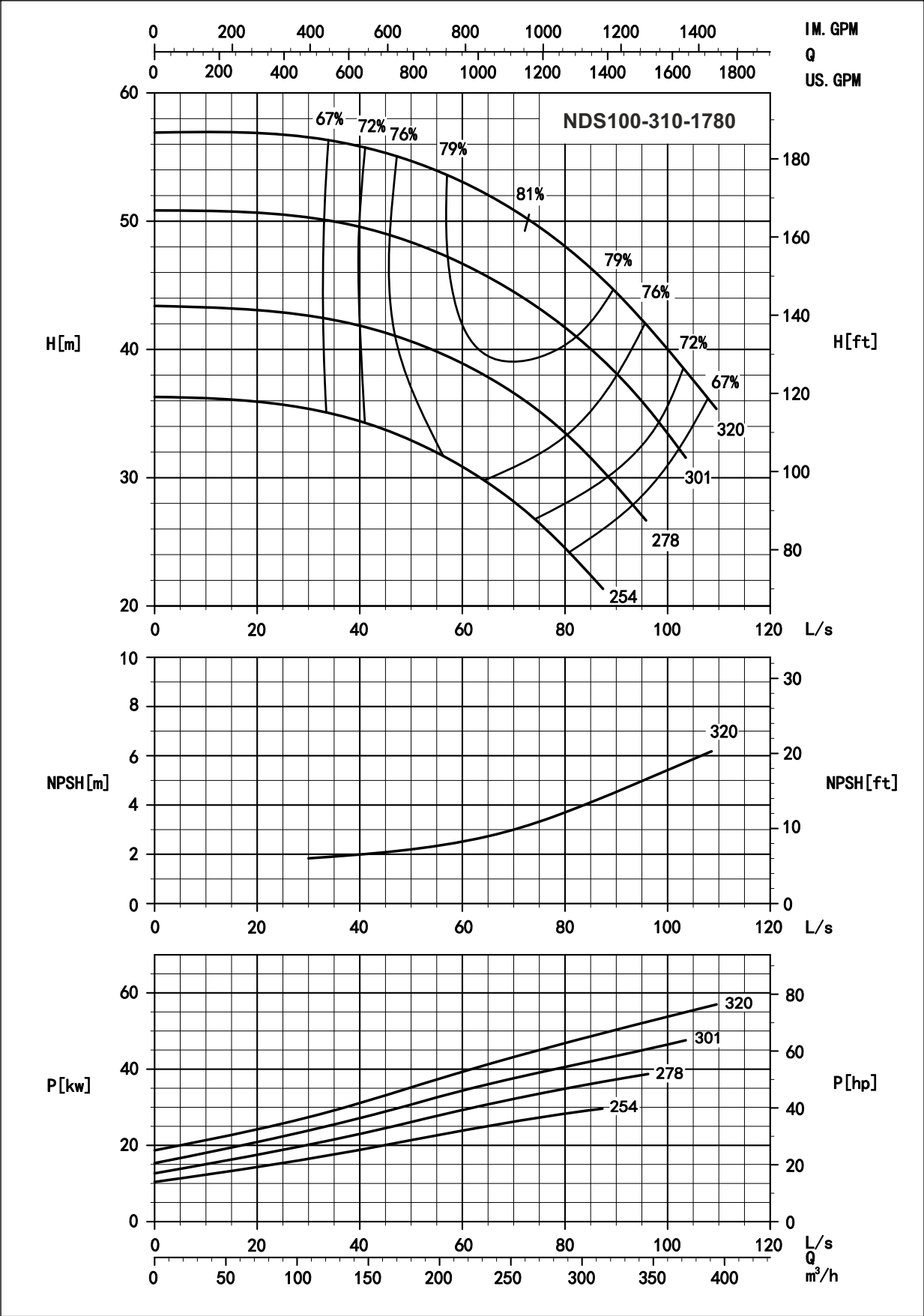
Performance Curves

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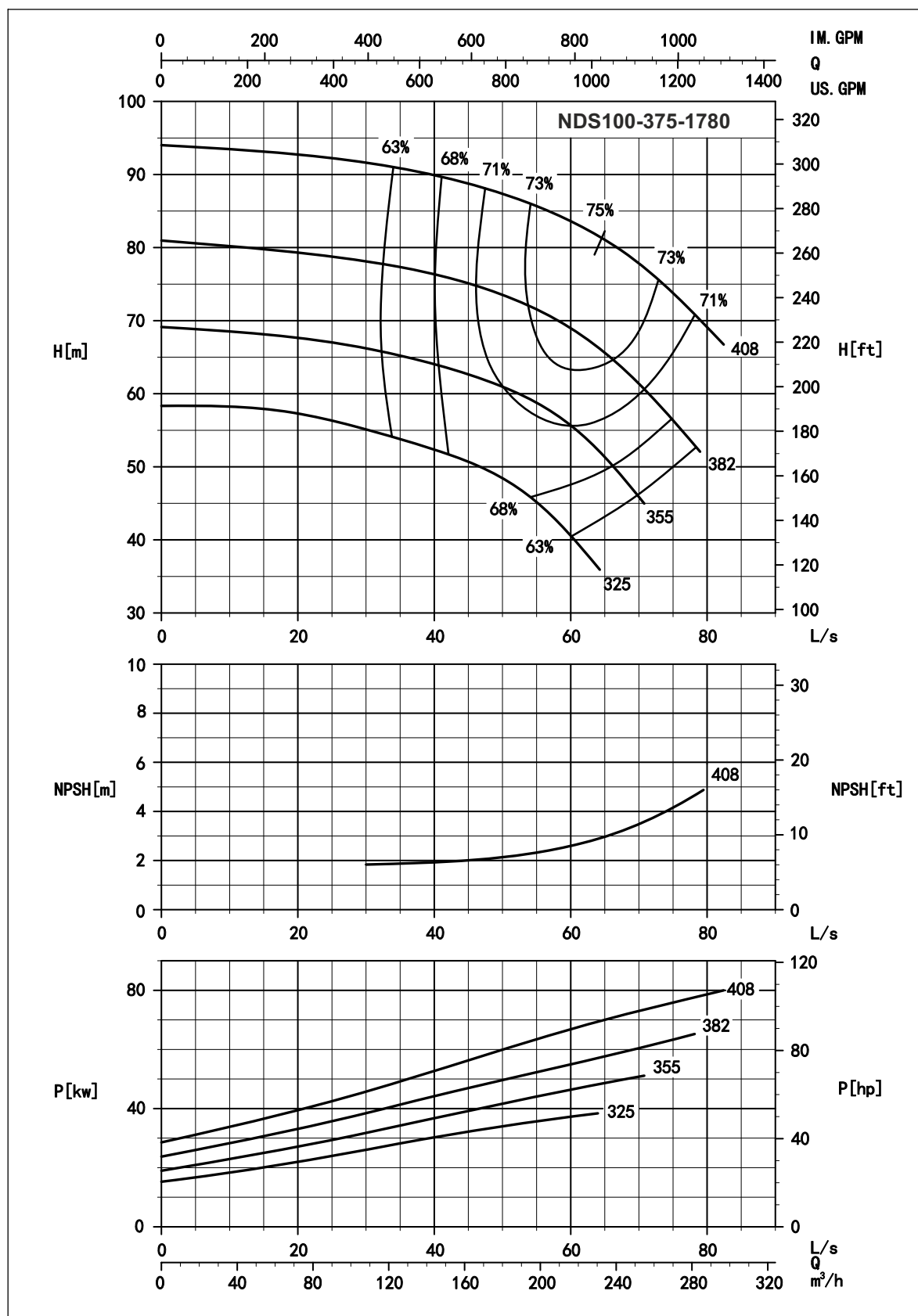
Performance Curves

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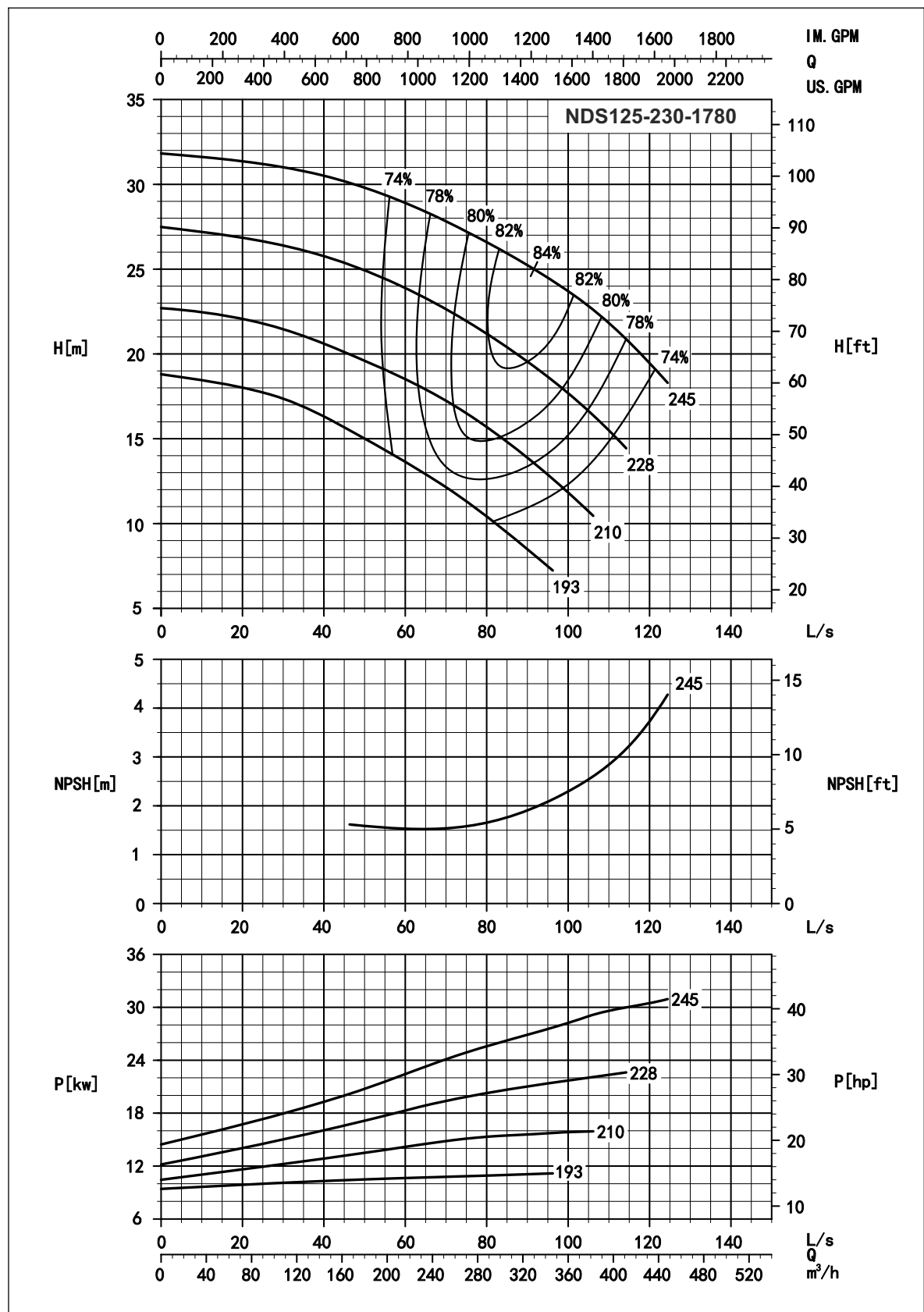
Performance Curves

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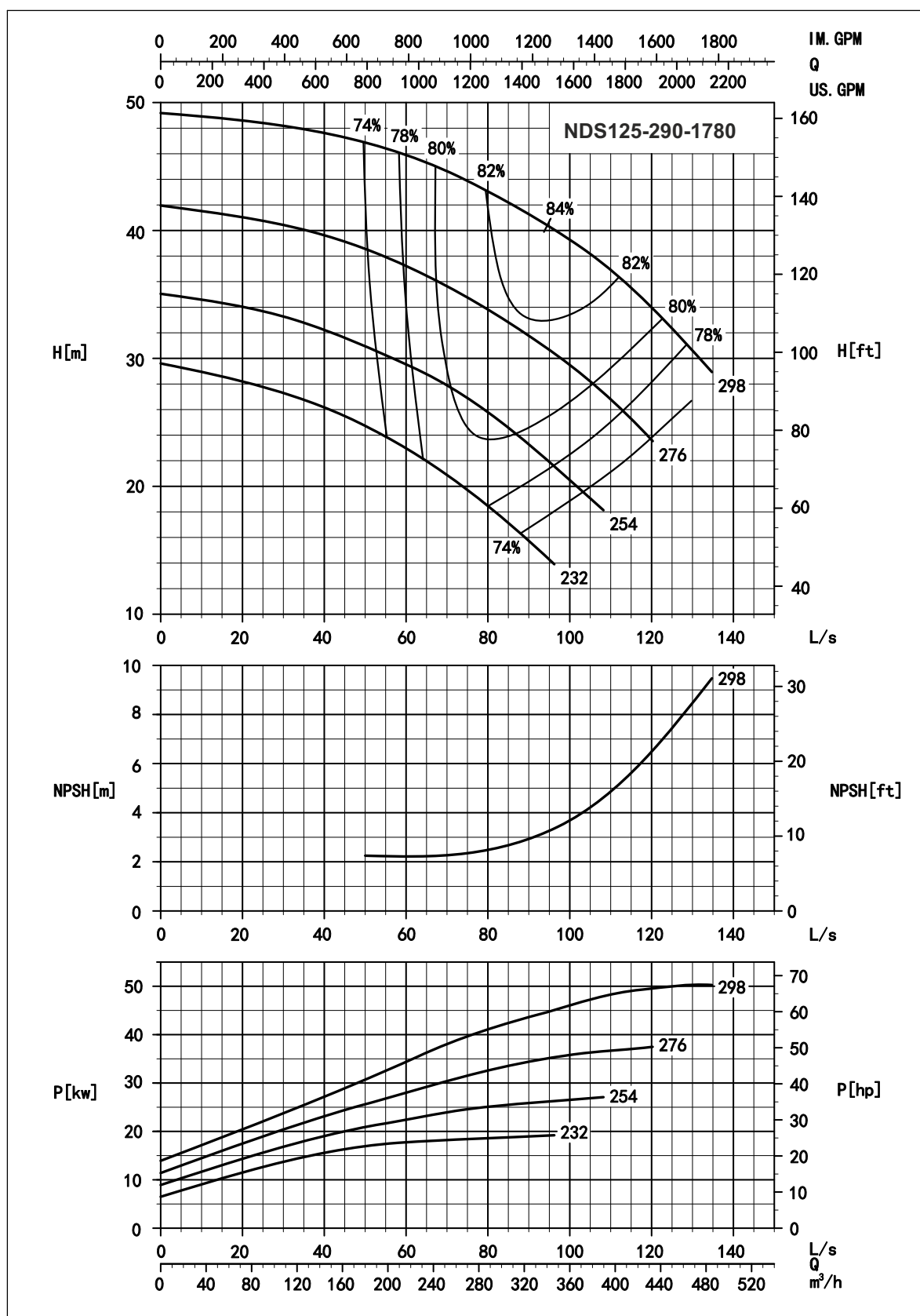
Performance Curves

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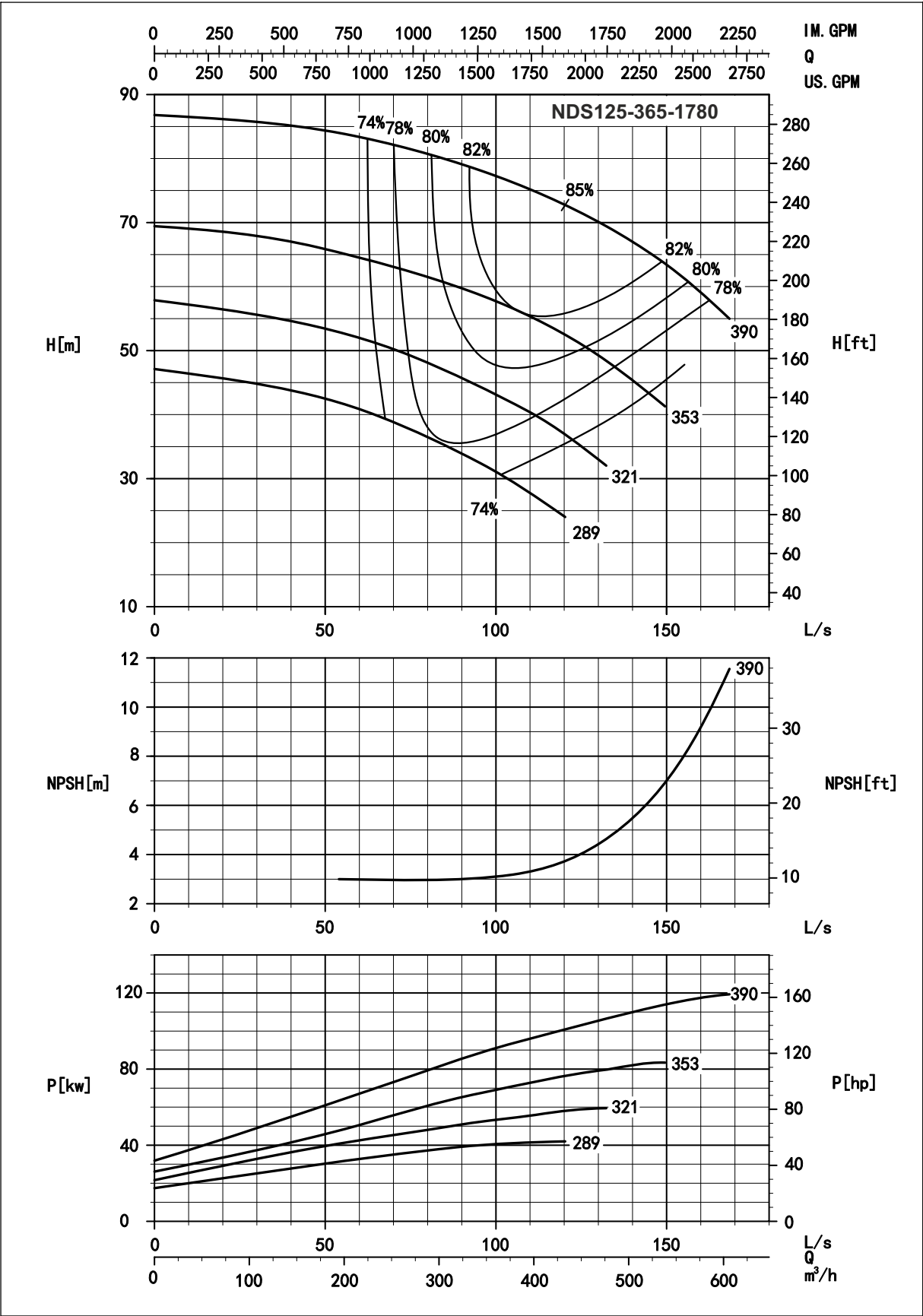
Performance Curves

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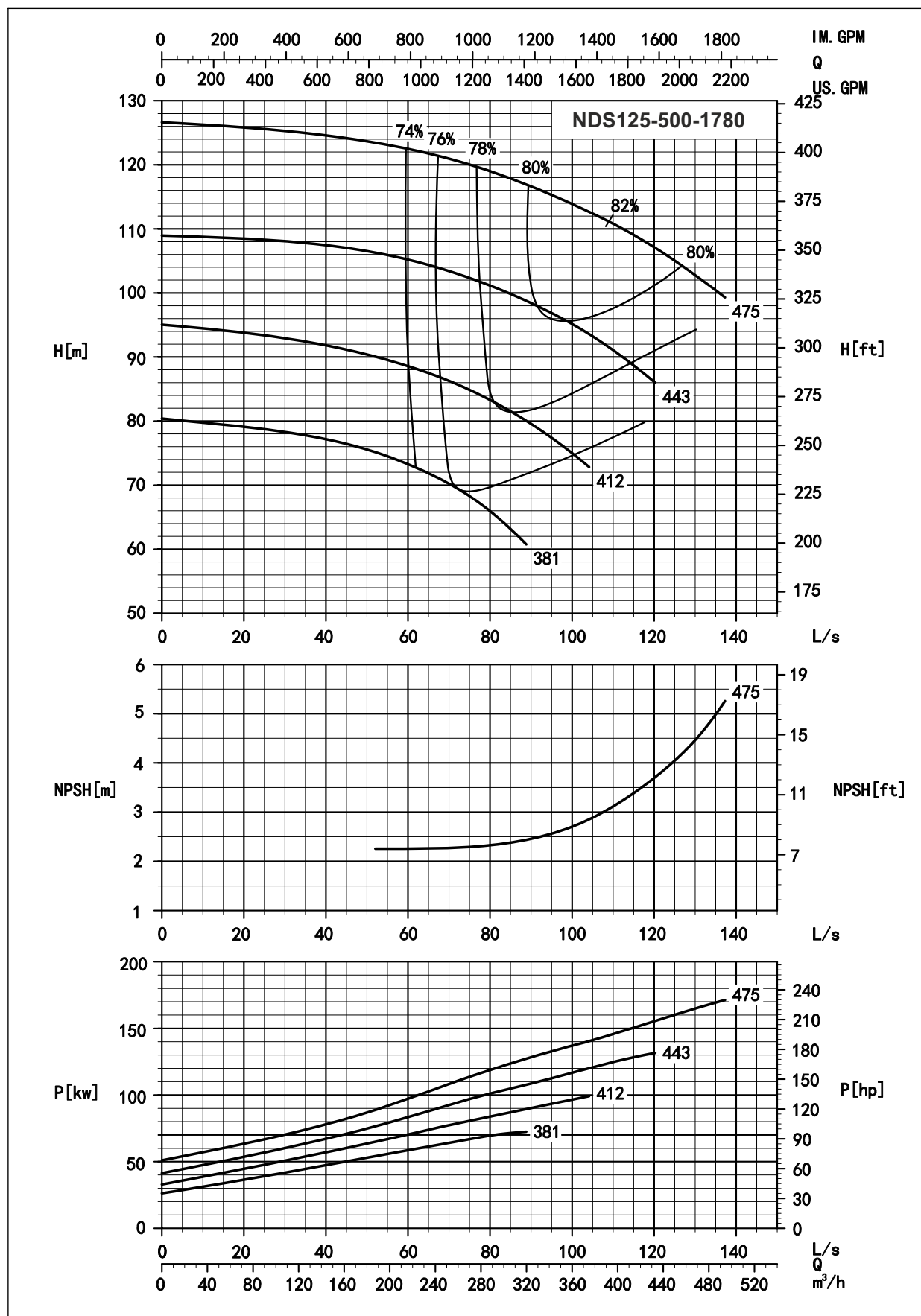
Performance Curves

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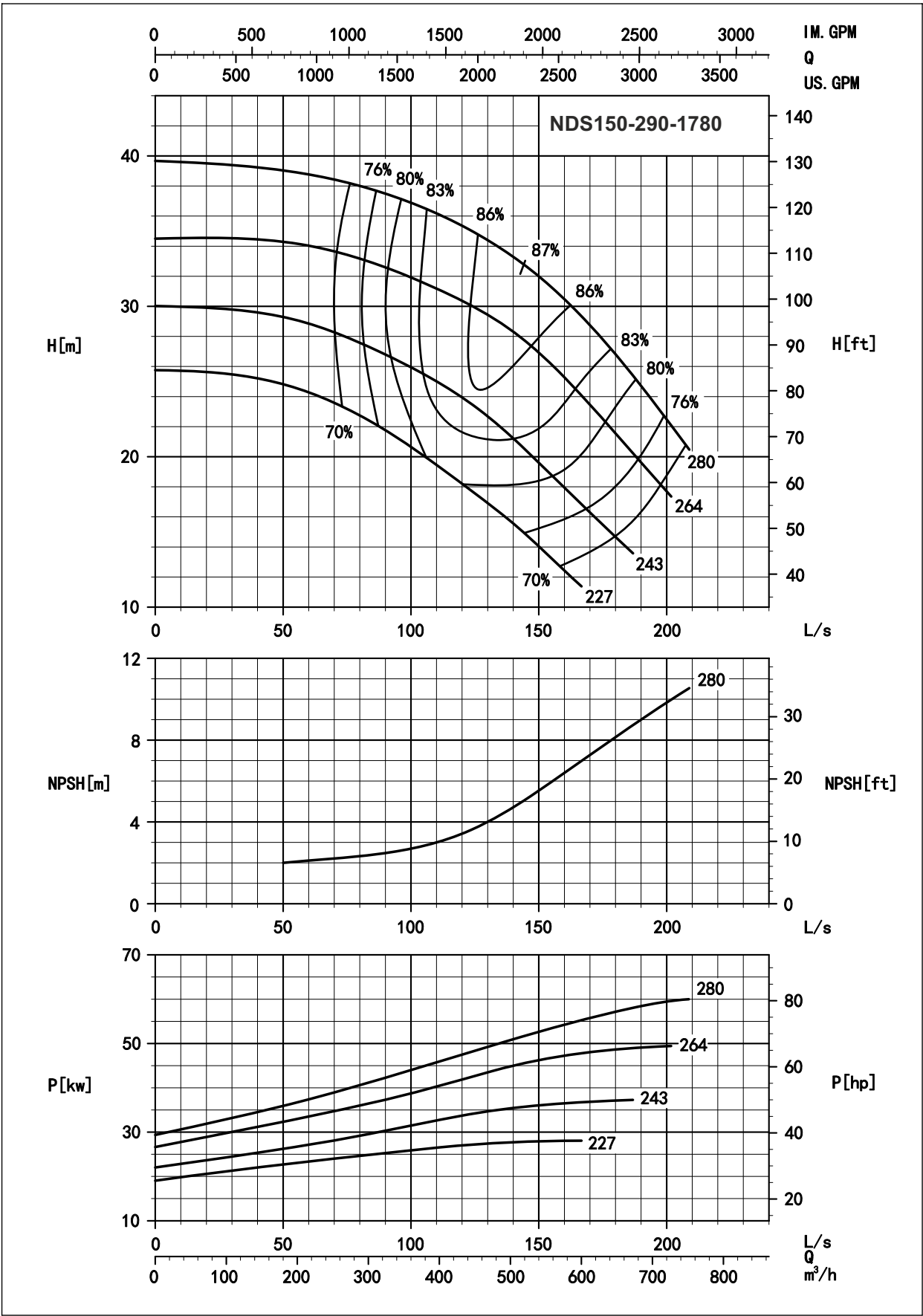
Performance Curves

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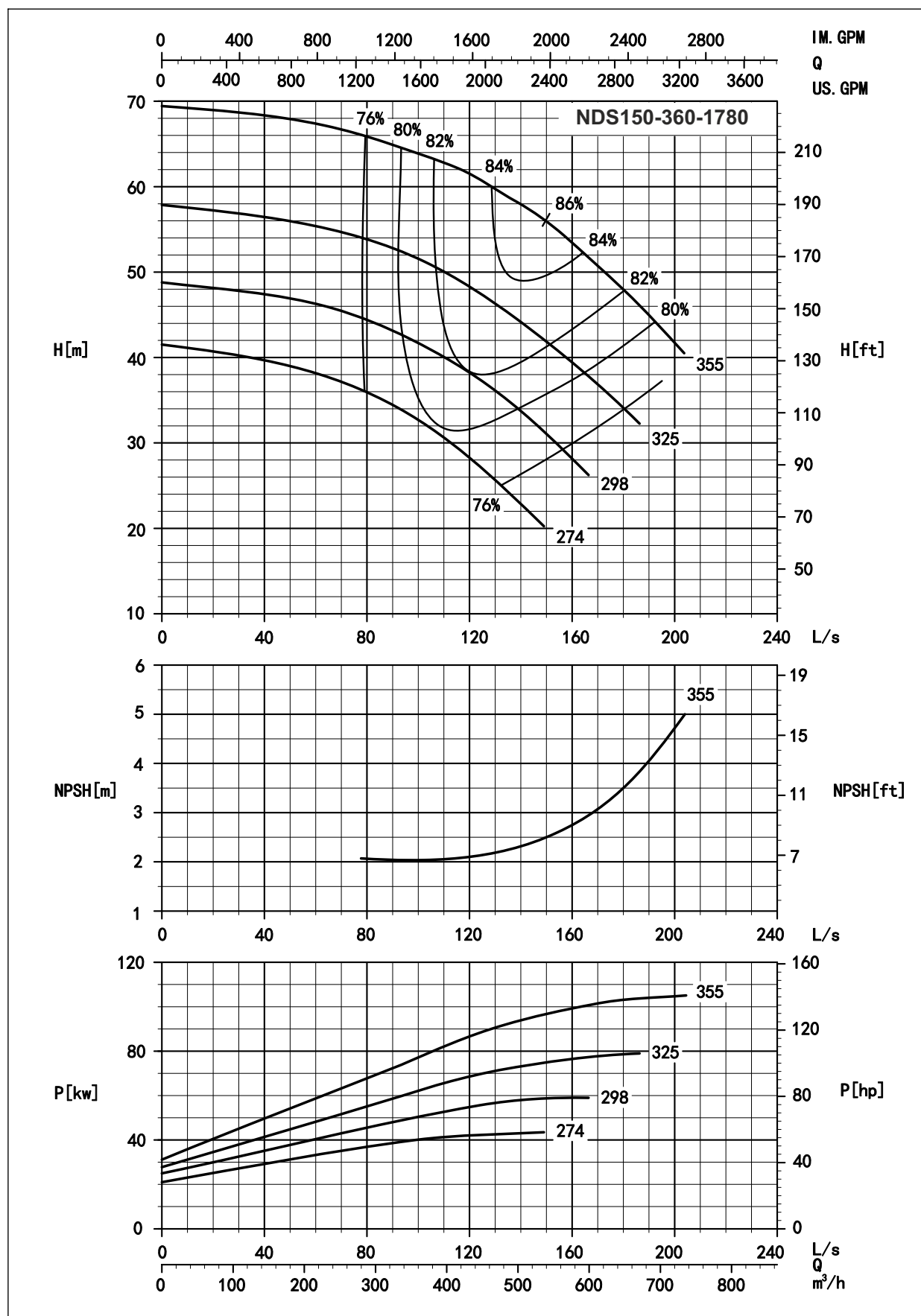
Performance Curves

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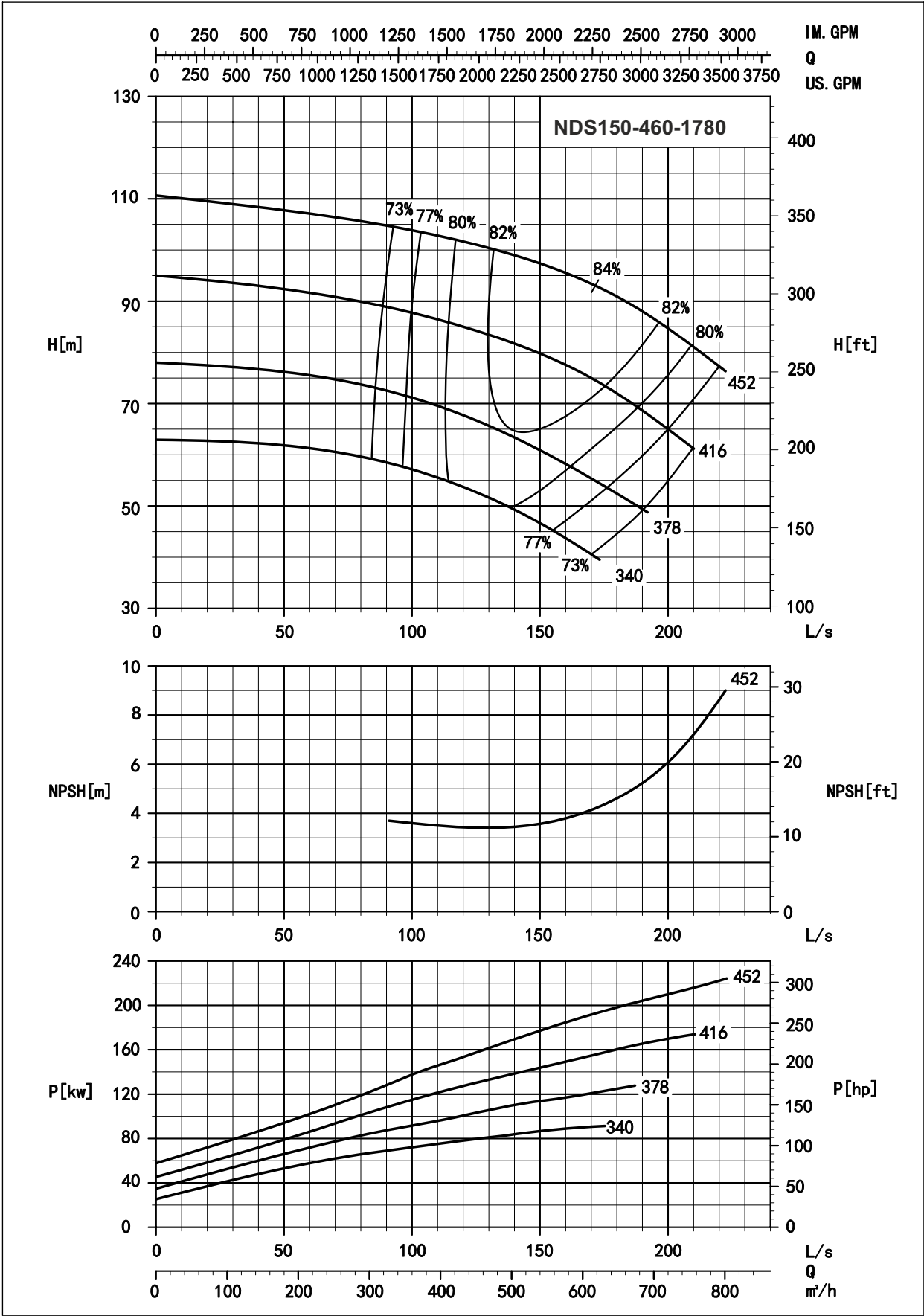
Performance Curves

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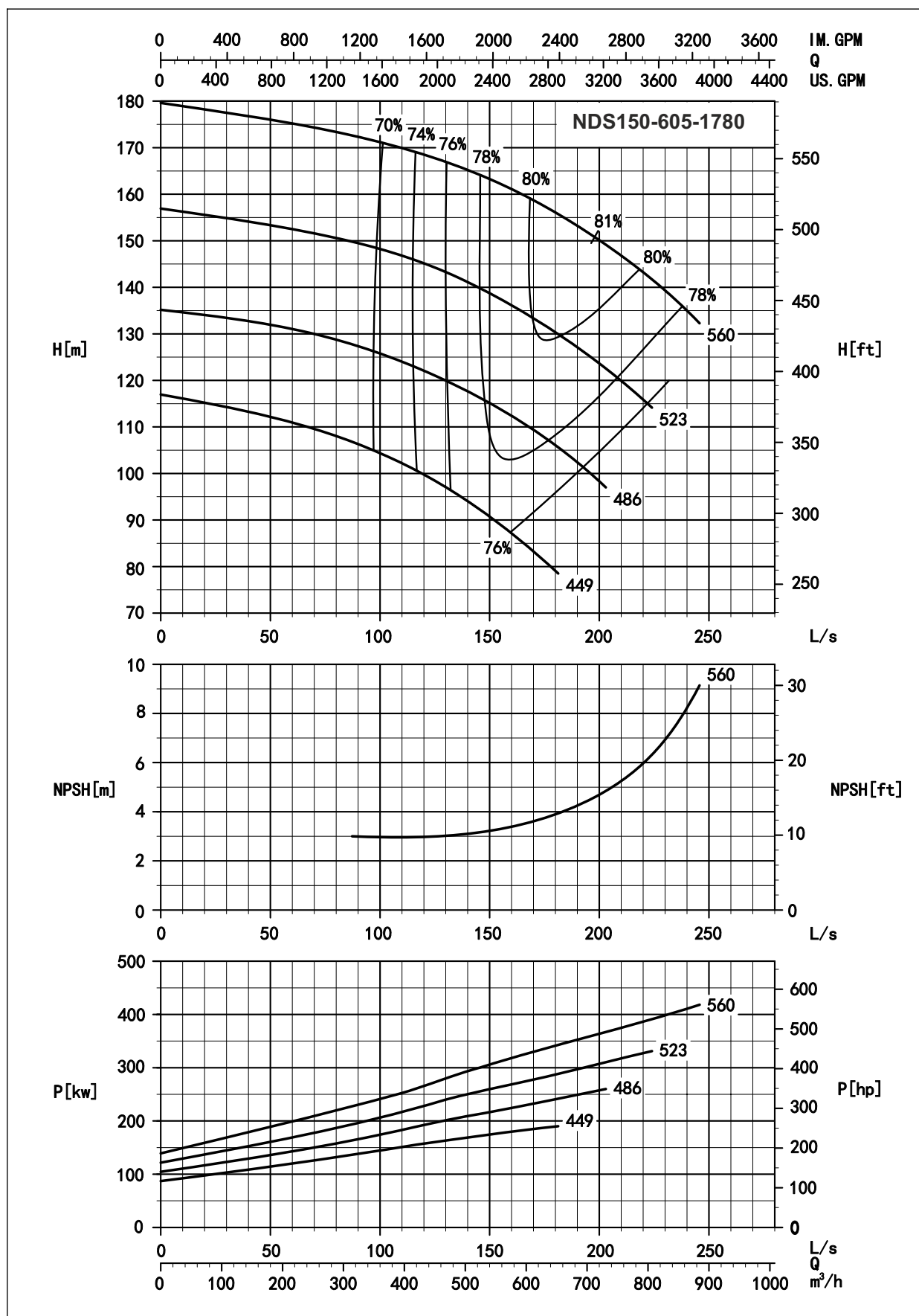
Performance Curves

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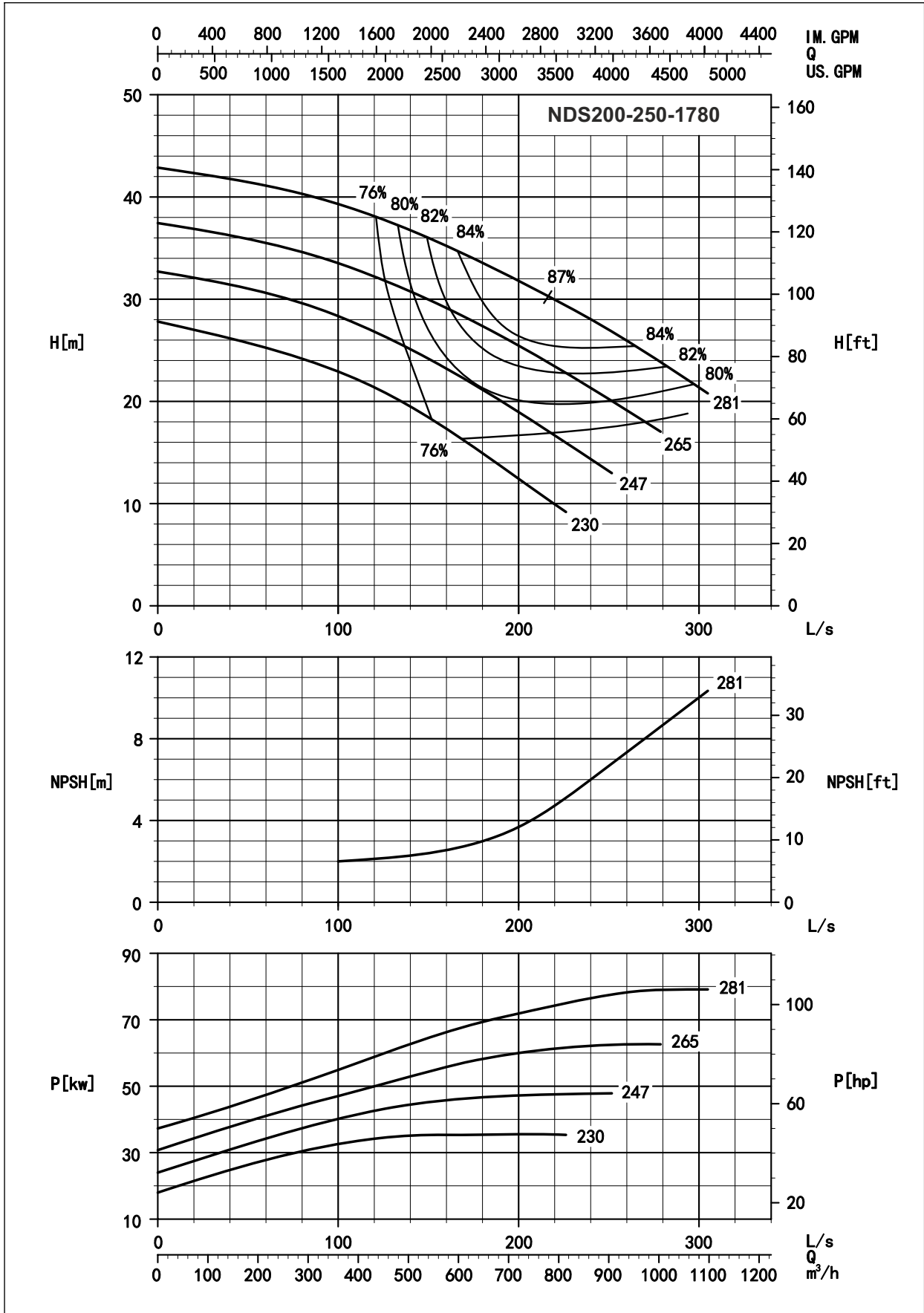
Performance Curves

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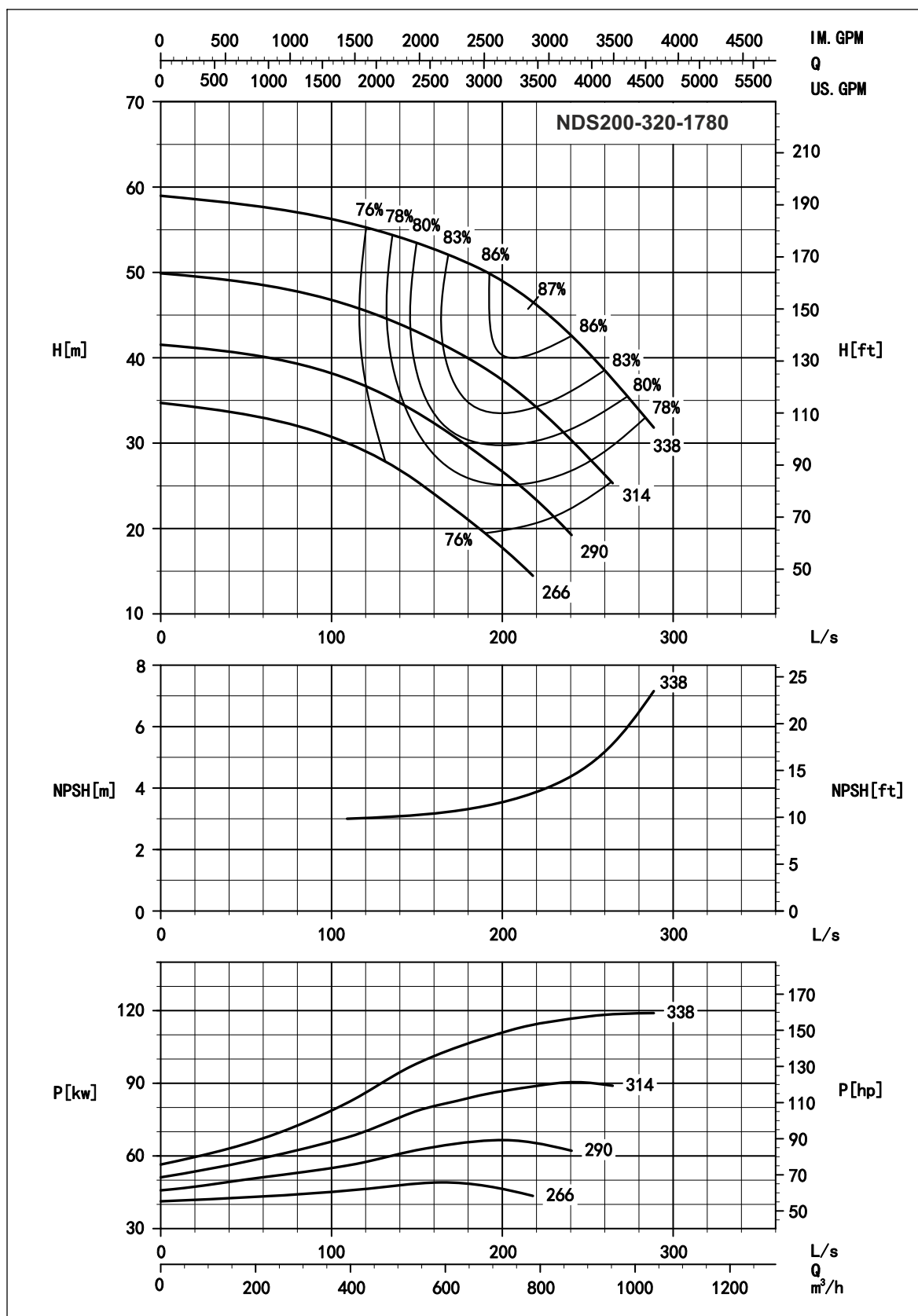
Performance Curves

The performance curves applies to ISO9906 grade 2 for clean cold water only.



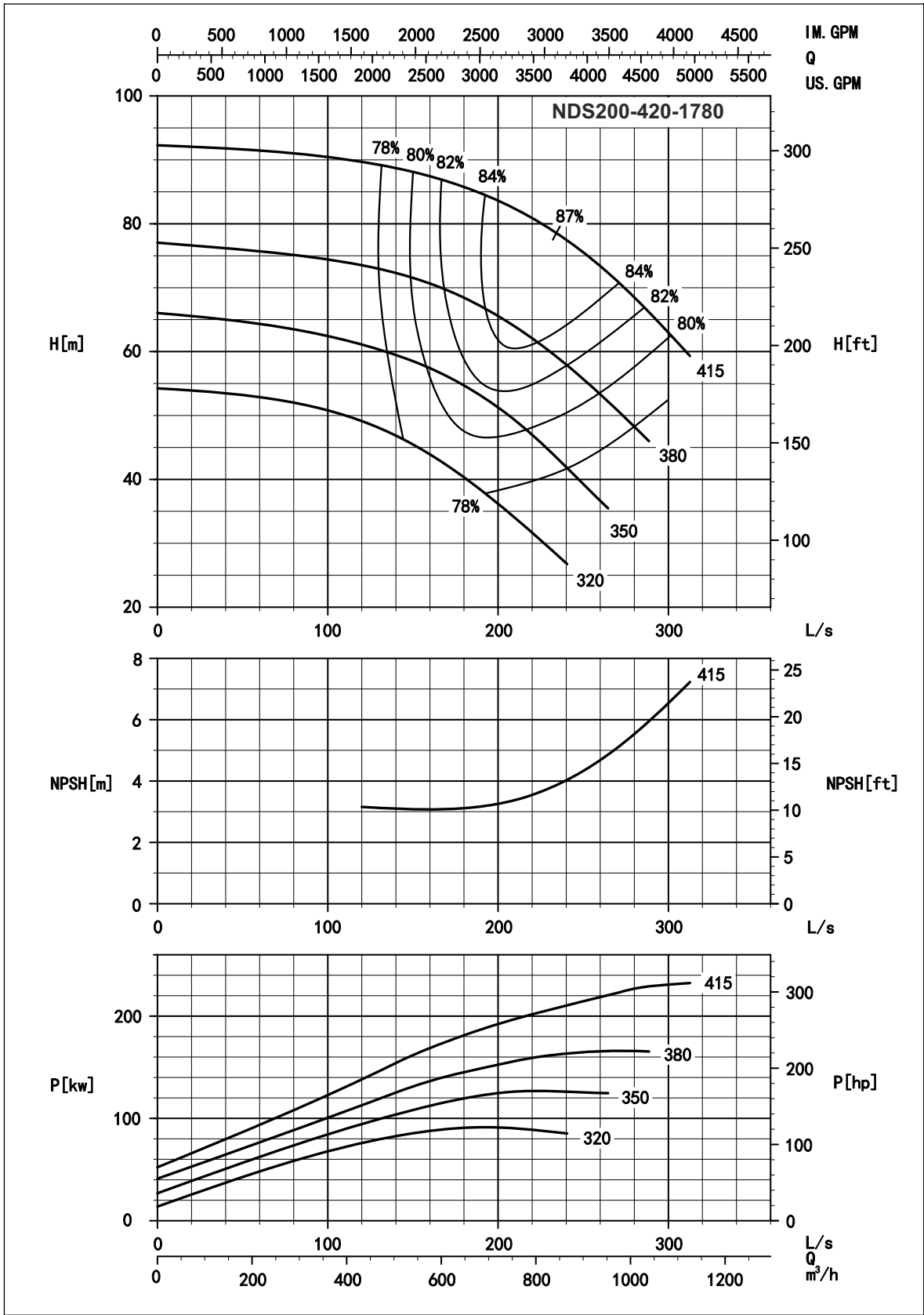
Performance Curves

The performance curves apply to ISO9906 grade 2 for clean cold water only.



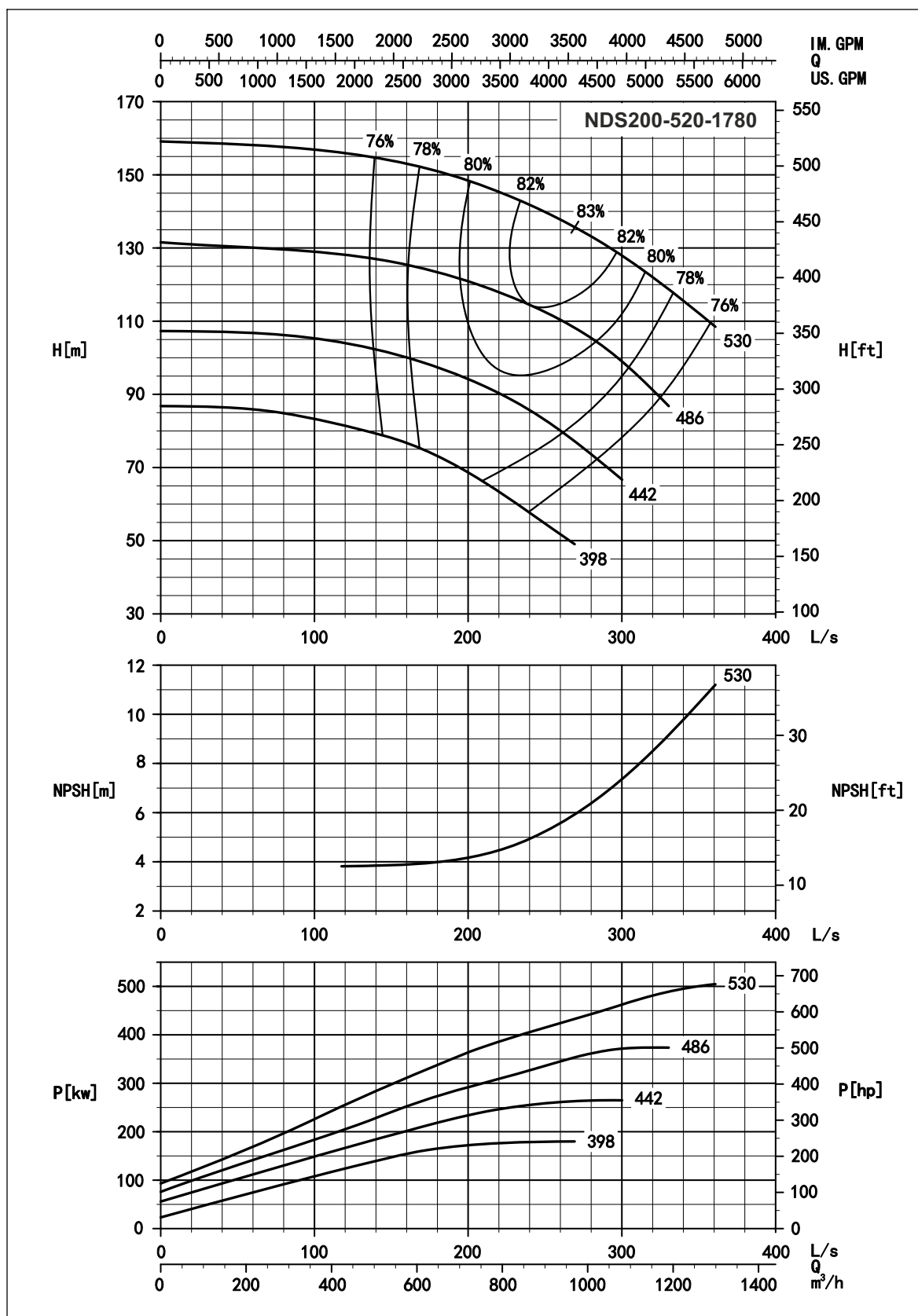
Performance Curves

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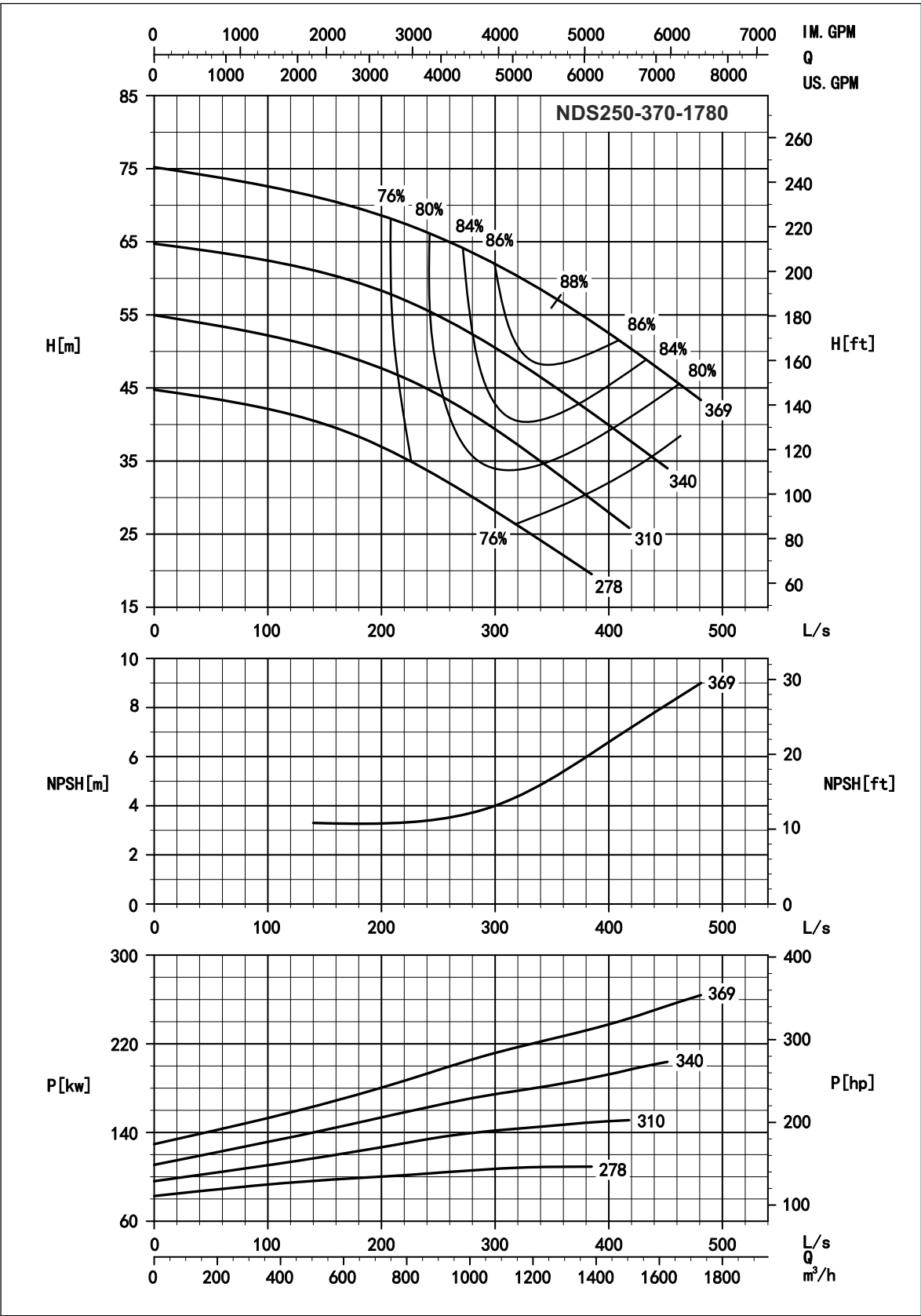
Performance Curves

The performance curves apply to ISO9906 grade 2 for clean cold water only.



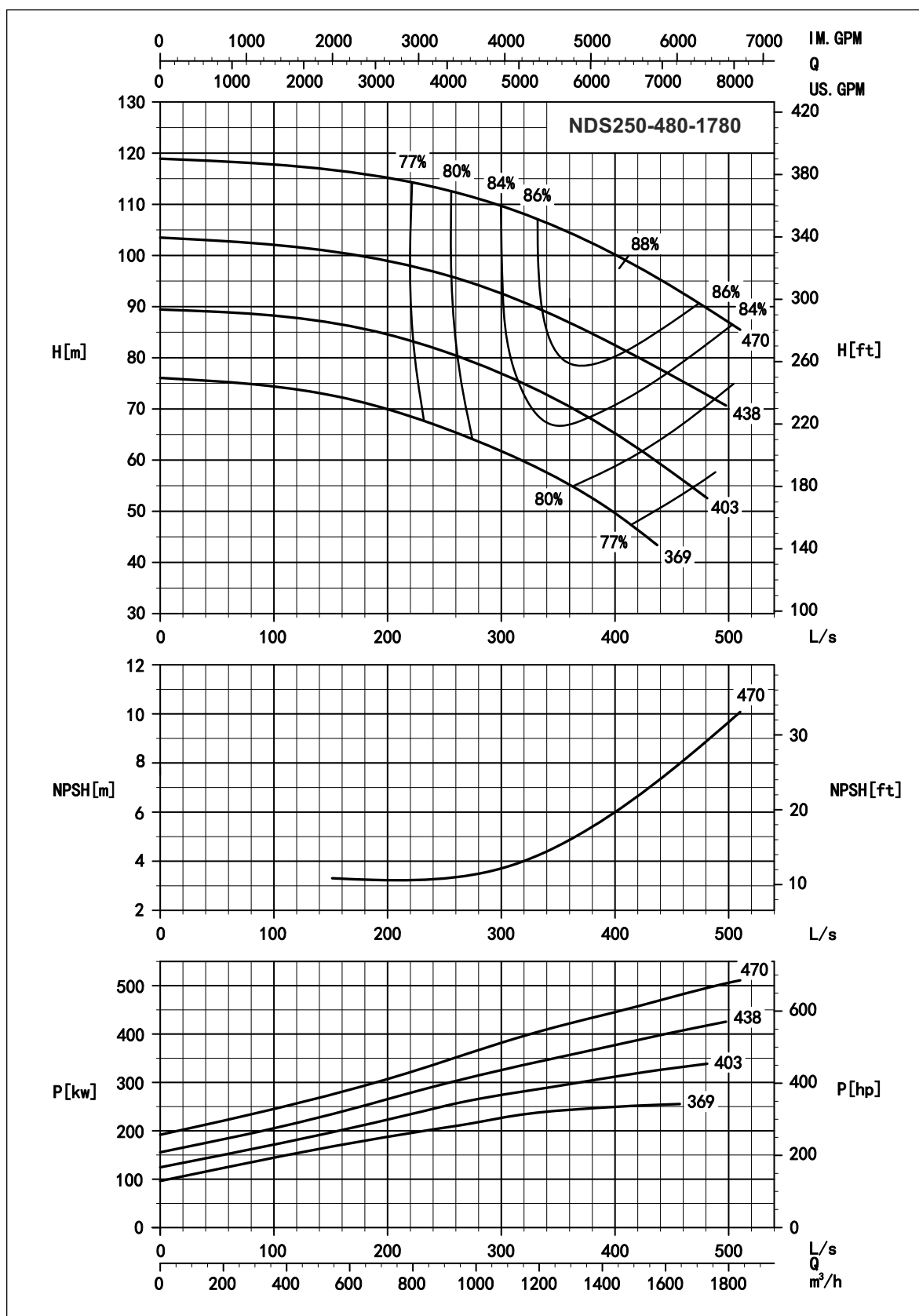
Performance Curves

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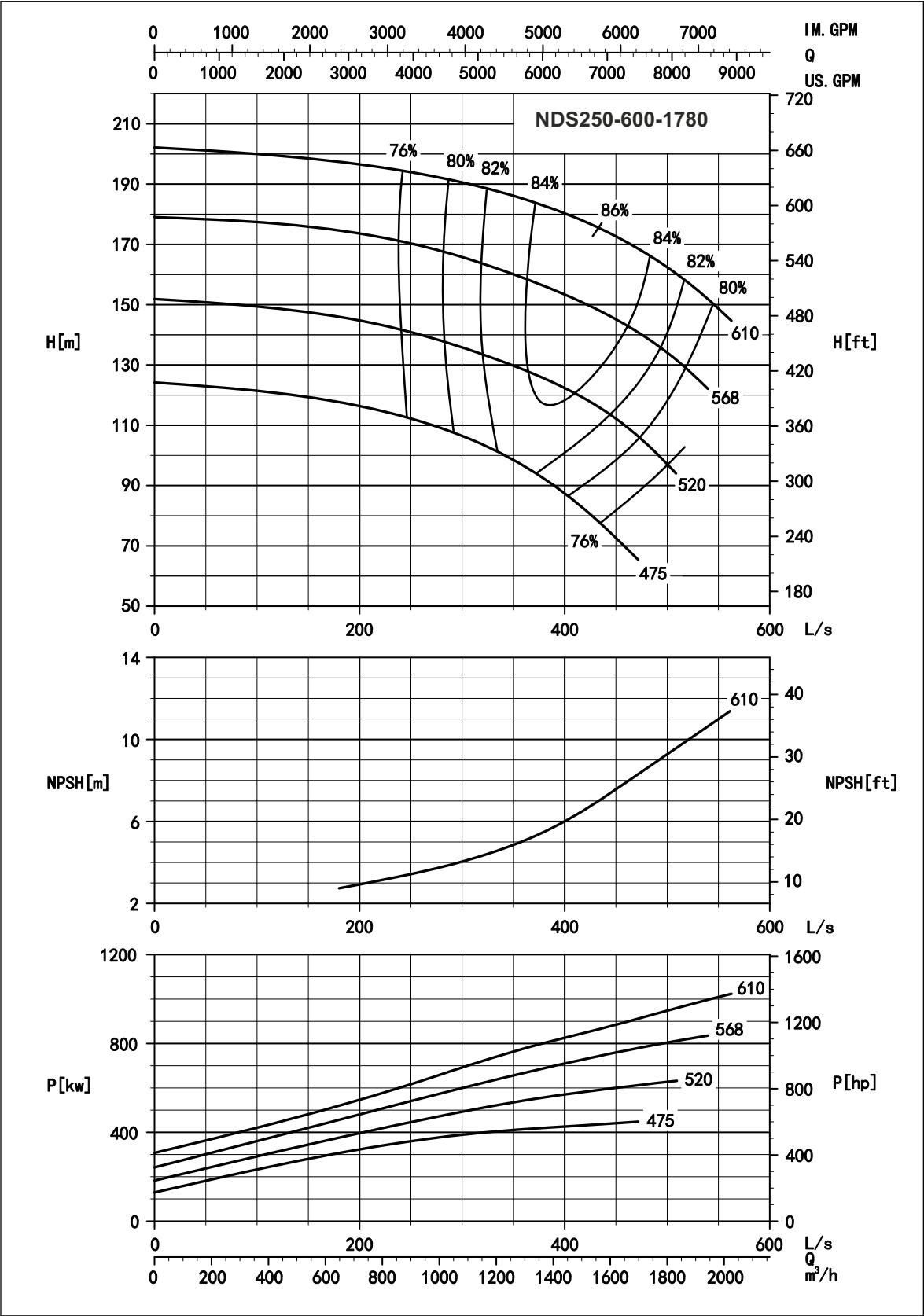
Performance Curves

The performance curves are based on ISO9906 grade 2 for clean cold water only.



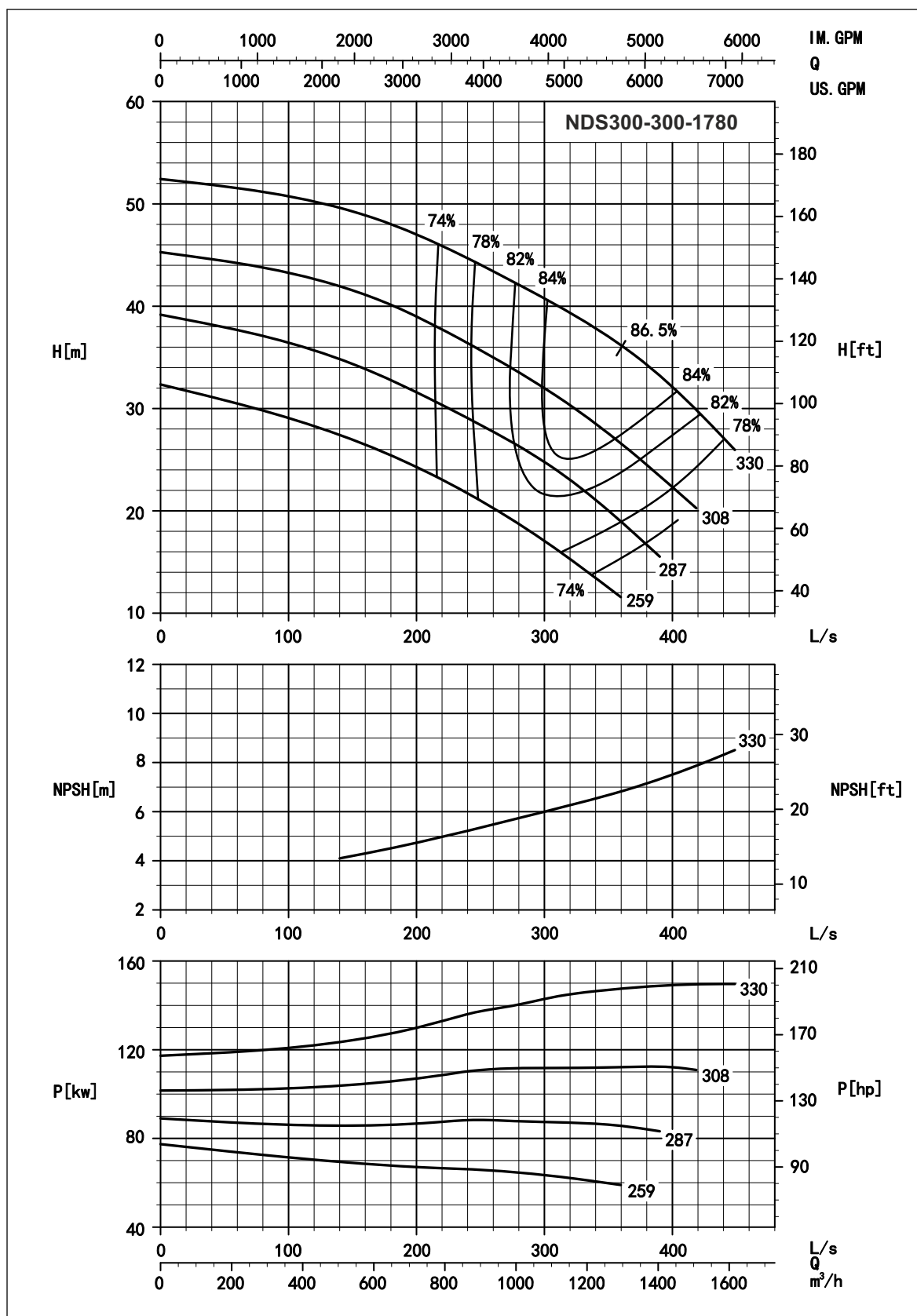
Performance Curves

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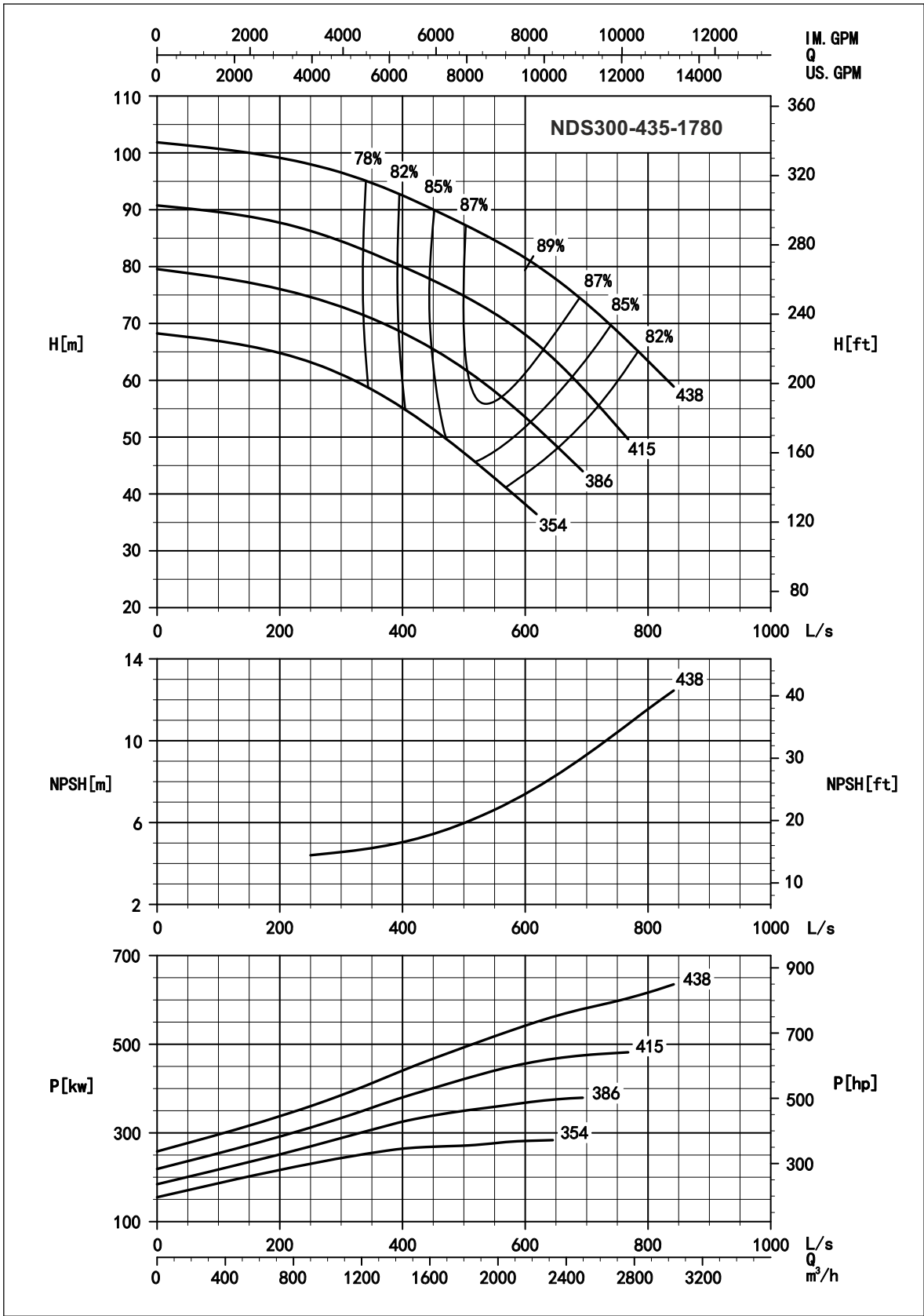
Performance Curves

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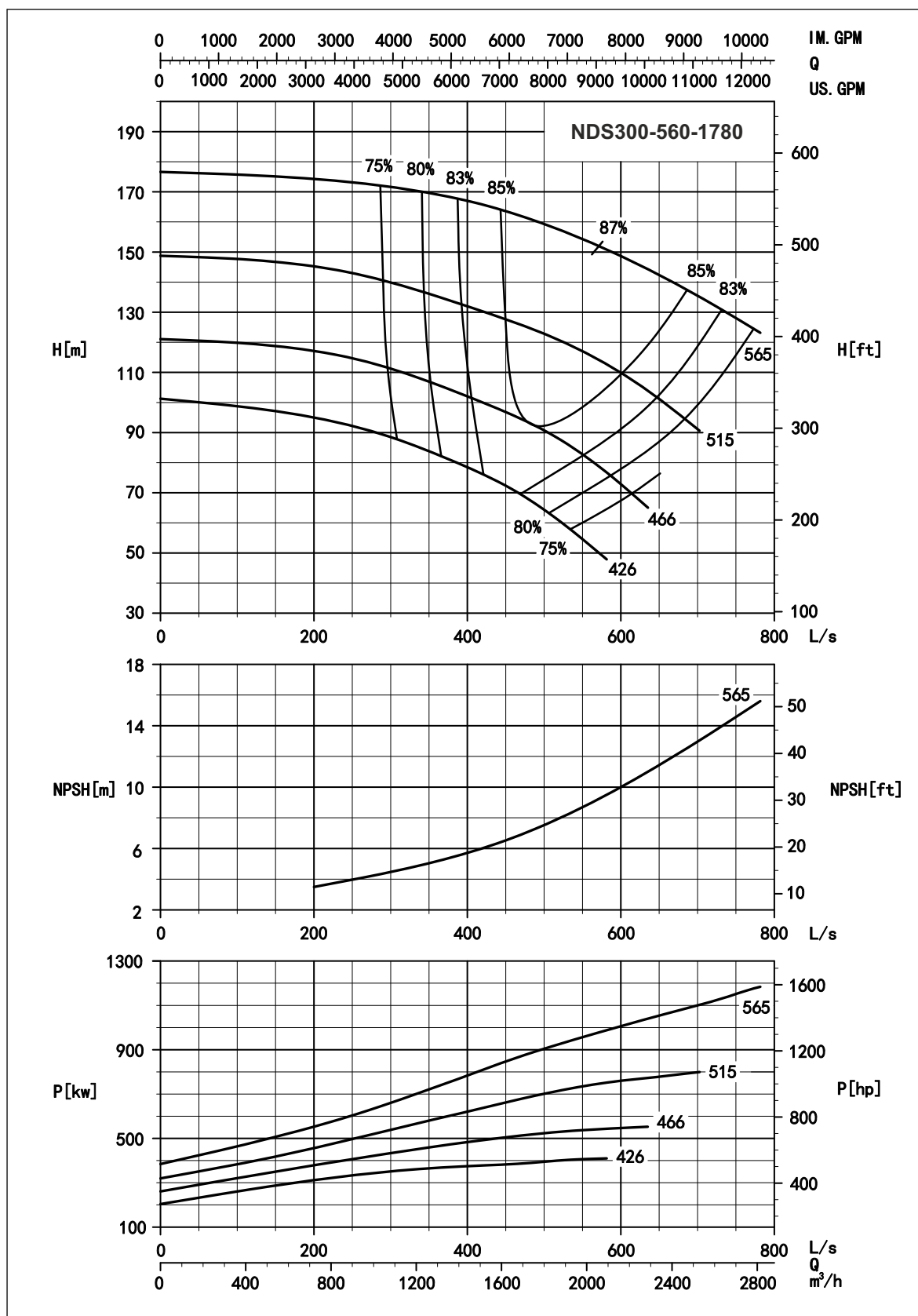
Performance Curves

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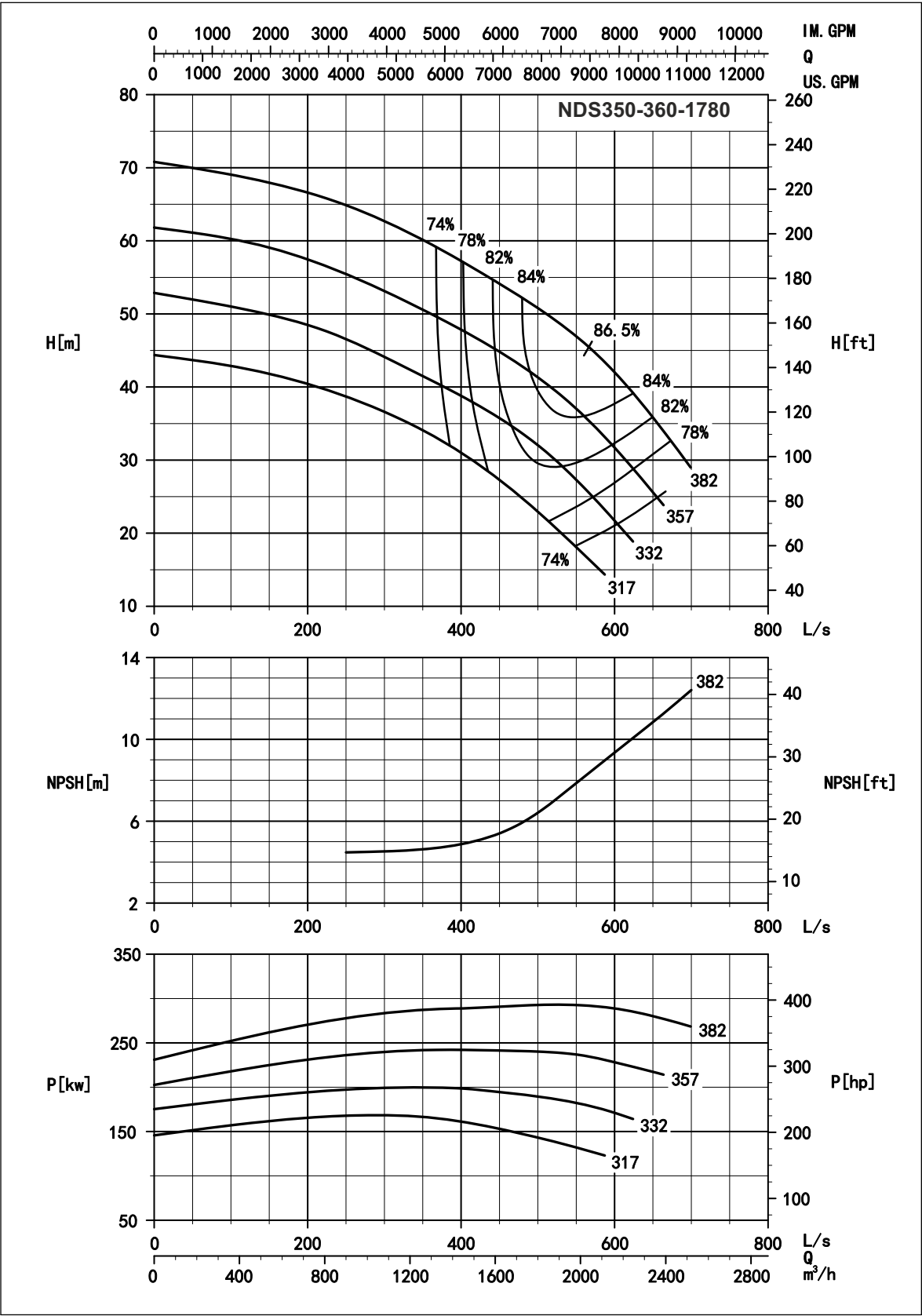
Performance Curves

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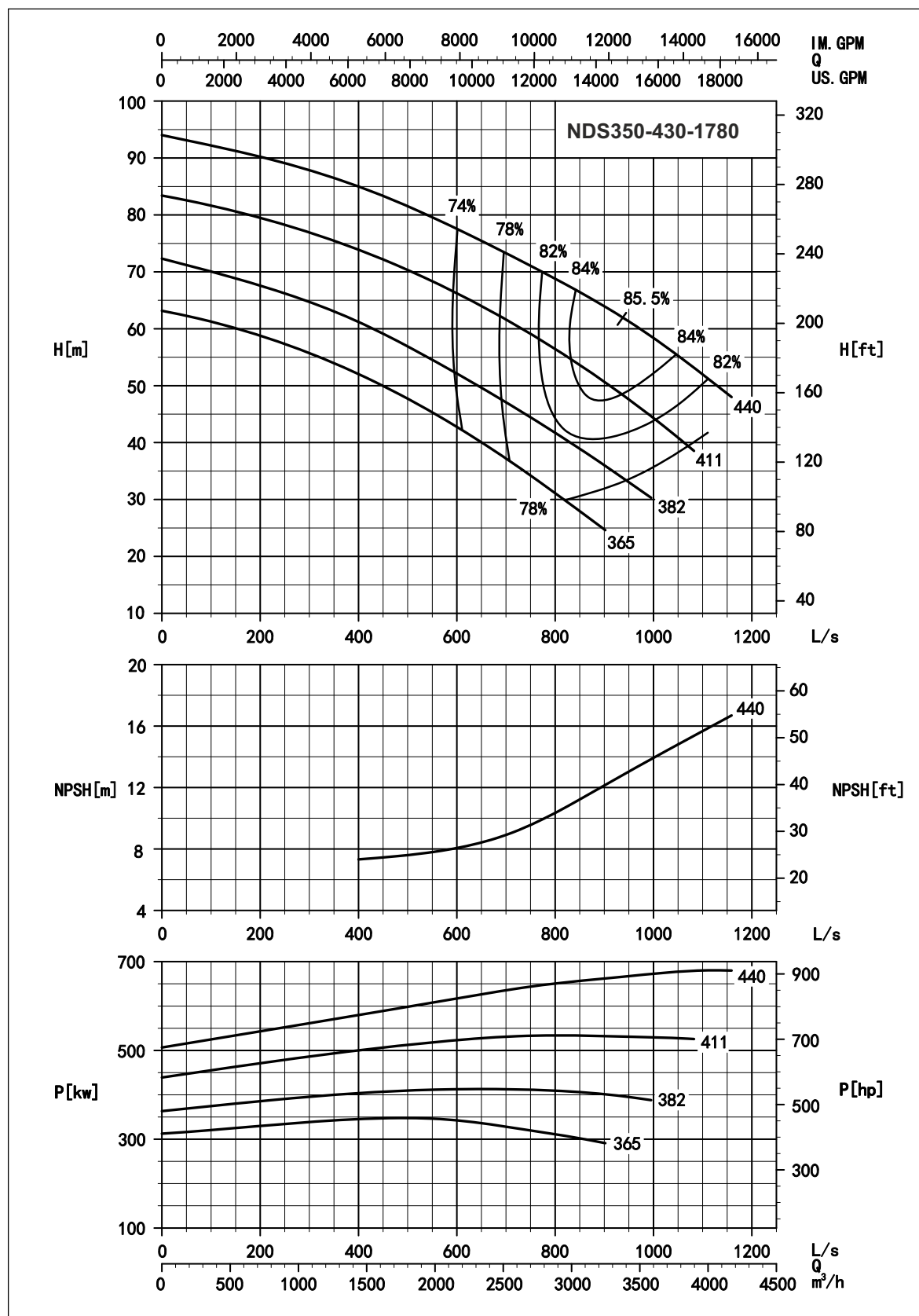
Performance Curves

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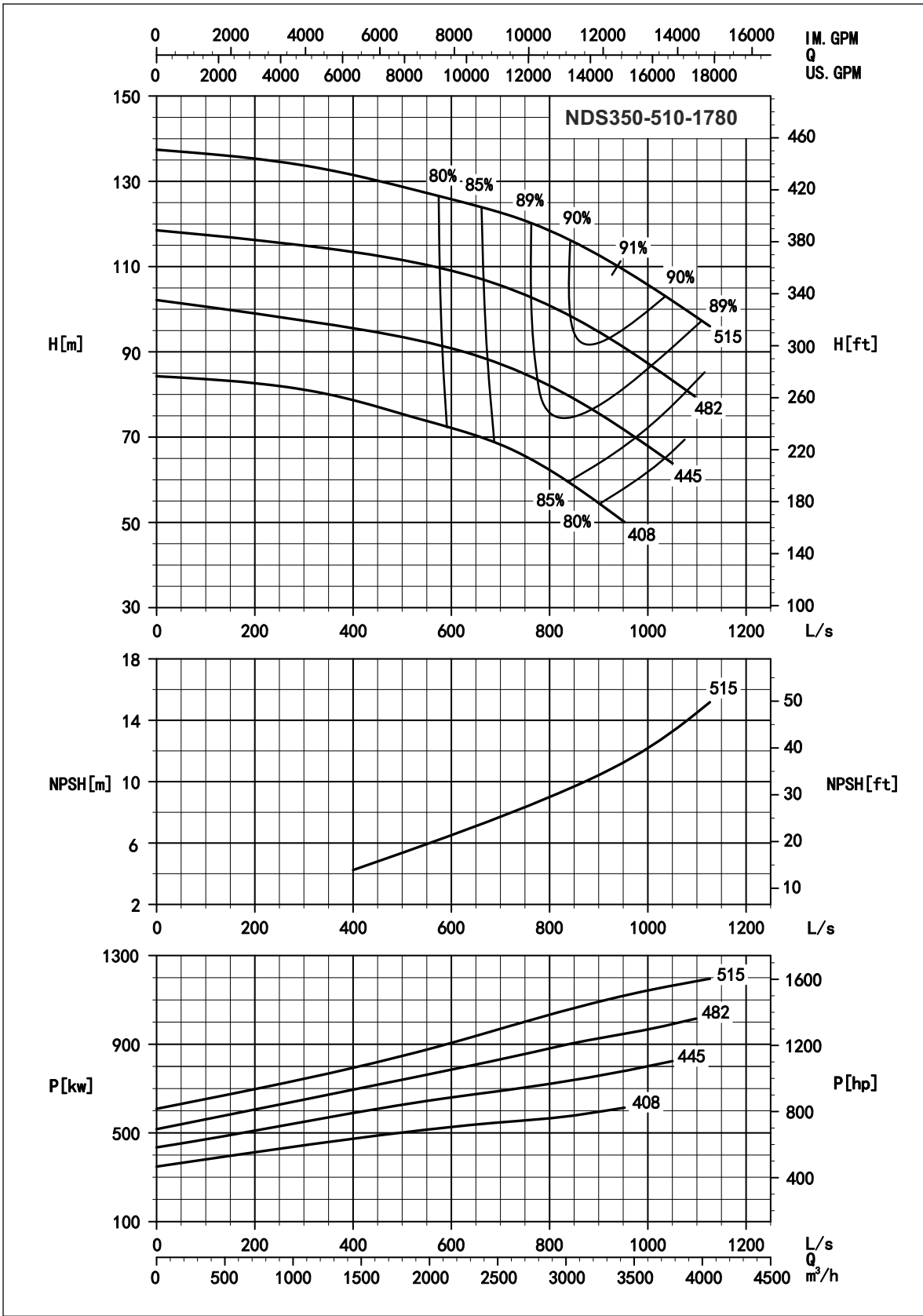
Performance Curves

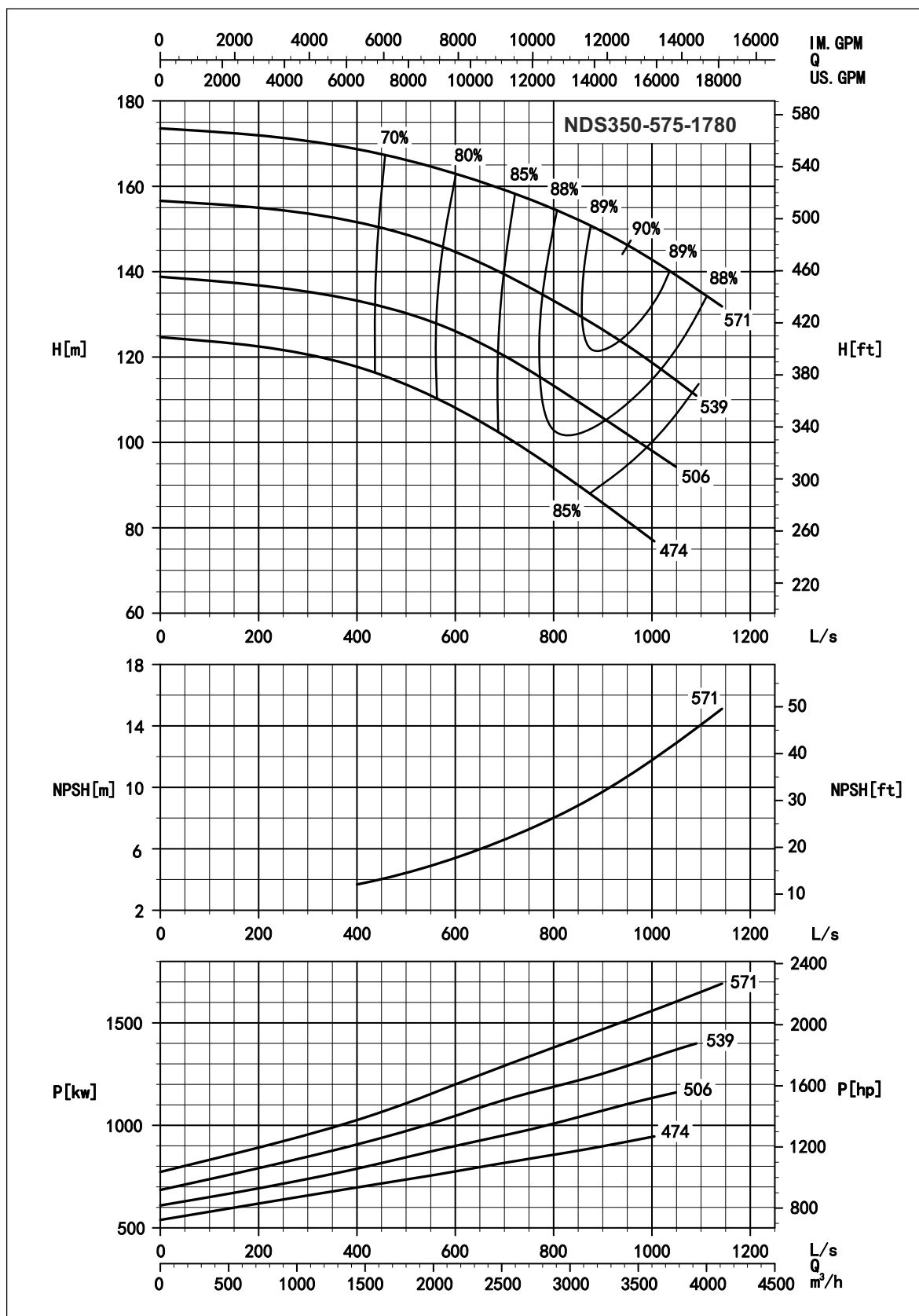
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Performance Curves

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