PYD ELECTROBOMBAS

SERIE
NW

CENTRÍFUGA GAMA NORMALIZADA
CENTRIFUGE STANDARD RANGE
CENTRIFUGEUSE GAMME STANDARD

50 Hz

1450 RPM
2900 RPM

CATÁLOGO TÉCNICO
TECHNICAL CATALOGUE
CATALOGUE TECHNIQUE

V1.0 C. 281123 M. 281123

1. DESCRIPCIÓN DESCRIPTION DESCRIPTION

Bombas horizontales, monoetapa y de cuerpo de voluta con conexiones y dimensiones principales según DIN 24255/ EN 733. El diseño de la bomba permite el completo desmontaje de la unidad rotórica sin desmontar la hidráulica de la tubería.

Horizontal, single-stage pumps width casing, connections and dimensions according to DIN 24255 / EN 733 standards. The pump design allows complete disassembly of the rotor unit without dismantling the hydraulic pipe.

Pompes horizontales, en une seule étape avec largeur, les connexions et les dimensions selon les normes DIN 24255 / EN 733. La conception de la pompe permet un démontage complet de l'unité de rotor sans démonter le tuyau hydraulique.

MATERIALES

Cuerpo de bomba, soporte y linterna: Fundición o acero inoxidable.
Impulsor: Fundición, bronce o acero inoxidable.

MATERIALS

Pump body, support and coupling: Iron cast.
Impeller: Cast iron, bronze and stainless steel.

MATÉRIELS

Corps de pompe, support et accouplement: Fonte or acier inoxydable.
Turbine: Cast iron, bronze ou acier inoxydable.

UTILIZACIÓN

Indicada para aplicaciones en las que hay que bombear líquidos limpios o ligeramente turbios sin partículas sólidas. Abastecimientos y trasiegos de agua, riego, industria, etc.

USE

Suitable for pumping clean or slightly turbid fluids, without solid particles. Water supply, irrigation, indutry, etc.

UTILIZATION

Convient pour les applications qui ont besoin de pomper le liquide propre ou légèrement trouble, sans particules solides.

ÁREA DE TRABAJO

Caudal máx.: 1.100 m³/h
Altura máx.: 150 m.c.a
Temperatura máx.: 140ºC
Presión de trabajo: 10 bar

WORKING RANGE

Max. flow: 1.100 m³/h
Max. head: 150 m.c.a
Max. temp: 140ºC
Casing pressure: 10 bar

PLAGUE DE TRAVAIL

Max. debit: 1.100 m³/h
Max. hauture: 150 m.c.a
Max. température: 140ºC
Max. pressure: 10 bar

2. SELECCIÓN RÁPIDA QUICK SELECTION SÉLECTION RAPIDE

CAUDAL NOMINAL EN m³/h PARA MOTOR A 2.900 R.P.M. NOMINAL FLOW RATE IN m³/h FOR ENGINE AT 2.900 R.P.M.

PRESIÓN NOMINAL EN METROS

	12	Hp*	18	Hp*	24	Hp*	30	Hp*	36	Hp*
45	32-200/185	5	32-200/195	6,5	40-200/195	8	40-200/200	9	50-200/185	10
50	32-200/195	5,5	32-200/205	7	40-200/205	8,5	40-200/205	10	50-200/195	11
55	32-200/205	6	32-200/209	7,5	40-200/214	9	40-200/214	11	50-200/204	12
60	32-200/208	6,5	40-200/214	9	40-200/214	9,5	40-250/225	14	40-250/231	16,5
65	32-250/225	10,5	32-250/235	13	32-250/235	15	40-250/235	16	40-250/245	19
70	32-250/235	11	32-250/235	14	32-250/245	16,2	40-250/245	17,5	40-250/245	19
75	32-250/240	12,5	32-250/245	14,5	32-250/255	17,5	40-250/250	18	40-250/255	20,5
80	32-250/255	13	32-250/245	15	32-250/260	18,5	40-250/255	19,5	40-250/264	22,5
85	32-250/255	14	32-250/260	16,5	40-250/256	18	40-250/260	20	40-250/264	22,5
90	32-250/264	15	40-250/264	17,5	40-250/264	19	40-250/264	20,5	50-250G/255	25

CAUDAL NOMINAL EN m³/h PARA MOTOR A 2.900 R.P.M. NOMINAL FLOW RATE IN m³/h FOR ENGINE AT 2.900 R.P.M.

PRESIÓN NOMINAL EN METROS

	42	Hp*	48	Hp*	60	Hp*	72	Hp*	84	Hp*
45	50-200/195	12	50-200/195	12,5	50-250/205	20	65-200/185	18	65-200/190	20,5
50	50-200/200	12,5	50-200/204	14	50-250/205	20	65-200/195	20,5	65-200/205	24,5
55	50-200/205	13	50-200/214	16	50-250/214	22	65-200/205	23	65-200/214	28
60	50-200/214	15	50-200/214	16	50-250/221	22,5	65-200/214	25,5	65-200/214	28
65	50-250/220	20	50-250/221	22	50-250G/235v	26	50-250G/235	29	65-250/225	33
70	50-250/235	22,5	50-250/230	22,5	50-250/240	27,5	50-250G/245	32	65-250/230	34
75	50-250/235	22,5	50-250/245	25,5	50-250/245	29	50-250G/255	35	65-250/235	35
80	50-250G/245	24,5	50-250/245	25,5	50-250G/248	30	50-250G/255	35	65-250/245	39
85	50-250G/250	26	50-250G/255	28	50-250G/258	33	50-250G/260	37	65-250/252	42
90	50-250G/258	26,5	50-250G/259	31	50-250G/264	35	50-315G/270	44	65-250/255	44

CAUDAL NOMINAL EN m³/h PARA MOTOR A 2.900 R.P.M. NOMINAL FLOW RATE IN m³/h FOR ENGINE AT 2.900 R.P.M.

PRESIÓN NOMINAL EN METROS

	90	Hp*	120	Hp*	150	Hp*	180	Hp*	210	Hp*	240	Hp*	270	Hp*
45	65-200/195	22	80-200/190	29	80-200/200	36	100-200/195	42	100-200/198	48	100-200/205	54	125-200/200	66
50	65-200/200	24	80-200/200	34	80-200/203	37	100-200/205	49	100-200/205	50	100-200/210	58	125-200/210	75
55	65-200/214	28,5	80-200/210	38	80-200/214	42	100-200/210	53	100-200/214	58	100-250G/218	65	125-200/214	79
60	65-200/214	28,5	80-200/214	40	80-250/227	47	100-250G/216	54	100-250G/220	58	100-250G/224	69	125-250G/225	80
65	65-250/225	34,5	80-250/227	44	80-250/233	50	100-250G/224	55	100-250G/225	65	100-250G/234	80	125-250G/229	85
70	65-250/235	37	80-250/235	45,5	80-250/240	55	100-250G/234	58	100-250G/234	75	100-250G/242	85	125-250G/235	90
75	65-250/235	37	80-250/245	53	80-250/247	60	100-250G/240	65	100-250G/242	82	100-250G/245	90	125-250G/245	105
80	65-250/245	40	80-250/247	54	80-250/255	60,5	100-250/245	80	100-250G/250	87	100-250G/250	95	125-250G/250	115
85	65-250/250	42,5	80-250/255	59,5	80-250/260	67,5	100-250G/252	87	100-250G/254	92	100-250G/260	105	125-250G/256	125
90	65-250/264	45	80-250/262	64	80-250/264	70	100-250/260	97	100-250G/260	105	100-250G/264	110	125-250G/262	125

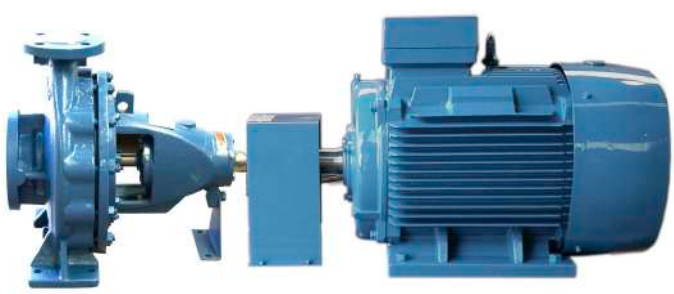
50-200/214

Ejemplo:
48 m3/h a 60 m.c.a.
Bomba 50-200
Potencia absorbida en punto de servicio. 16 Hp

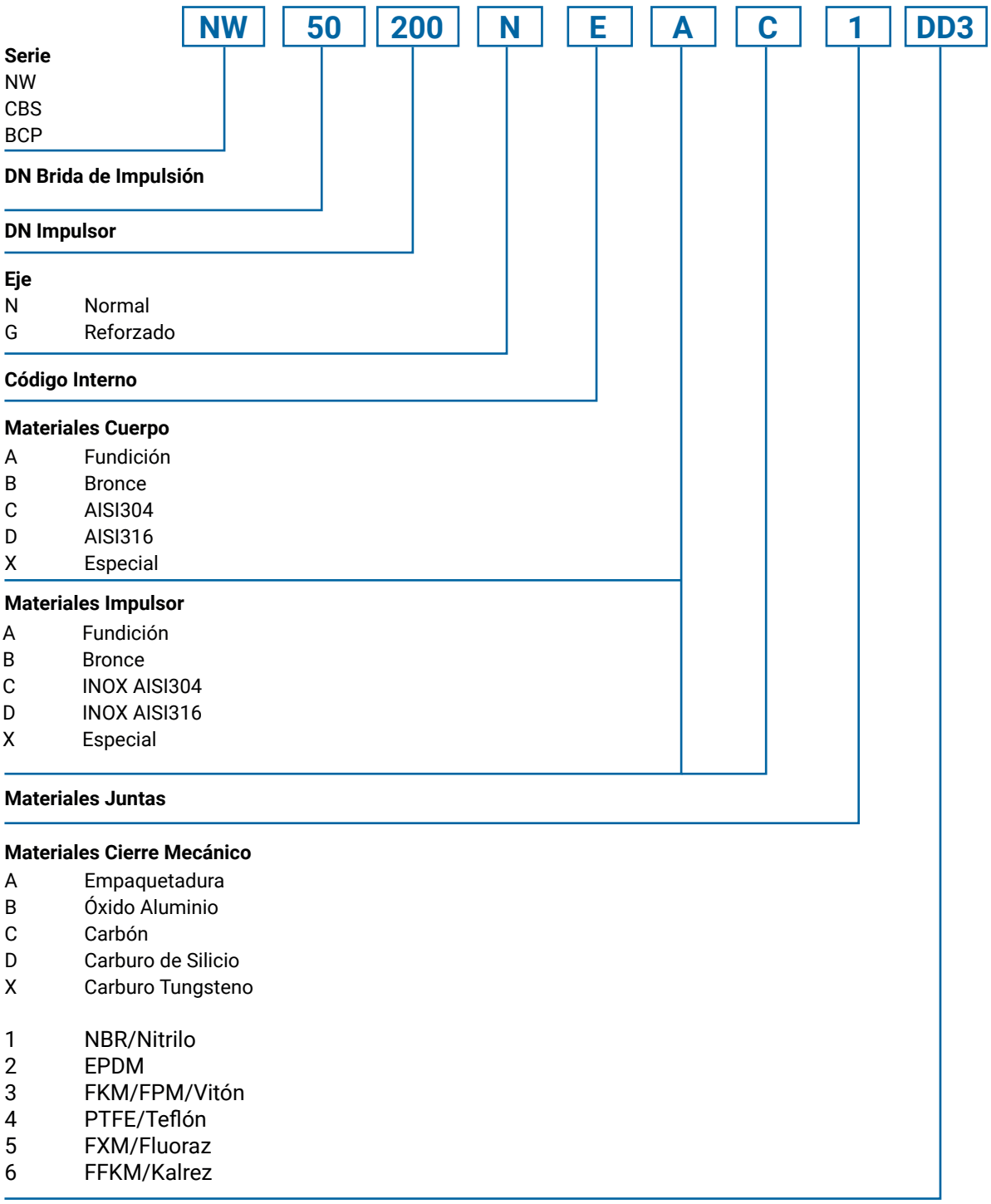
Example:
48 m3/h at 60 m.c.a.
Pump 50-200
Power absorbed at duty point. 16 Hp

Exemple:
48 m3/h à 60 m.c.a.
Pompe 50-200
Puissance absorbée au point de fonctionnement. **16 Hp**

Hp* = potencia absorbida en el punto de trabajo.
Hp* = power absorbed at the operating point.
Hp* = puissance absorbée au point de fonctionnement.



3. CODIFICACIÓN CODING CODAGE



3. CODIFICACIÓN CODING CODAGE

NW	50	200	N	E	A	C	1	DD3

Serie
NW
CBS
BCP

DN Drive flange

DN Impeller

Axis

N	Normal
G	Reinforced

Internal Code

Materials Body

A	Foundry
B	Bronze
C	AISI304
D	AISI316
X	Especial

Materials Impeller

A	Foundry
B	Bronze
C	INOX AISI304
D	INOX AISI316
X	Especial

Materials Gaskets

Materials Mechanical Seal

A	Gasket
B	Aluminium Oxide
C	Coal
D	Silicon Carbide
X	Tungsten Carbide

1	NBR/Nitrile
2	EPDM
3	FKM/FPM/Viton
4	PTFE/Teflon
5	FXM/Fluoraz
6	FFKM/Kalrez

3. CODIFICACIÓN CODING CODAGE

NW	50	200	N	E	A	C	1	DD3

Serie
NW
CBS
BCP

DN Bride d'entraînement

DN Roue

Axe

N	Normal
G	Renforcé

Code interne

Matériaux Corps

A	Fonderie
B	Bronze
C	AISI304
D	AISI316
X	Spécial

Matériaux Roue

A	Fonderie
B	Bronze
C	INOX AISI304
D	INOX AISI316
X	Spécial

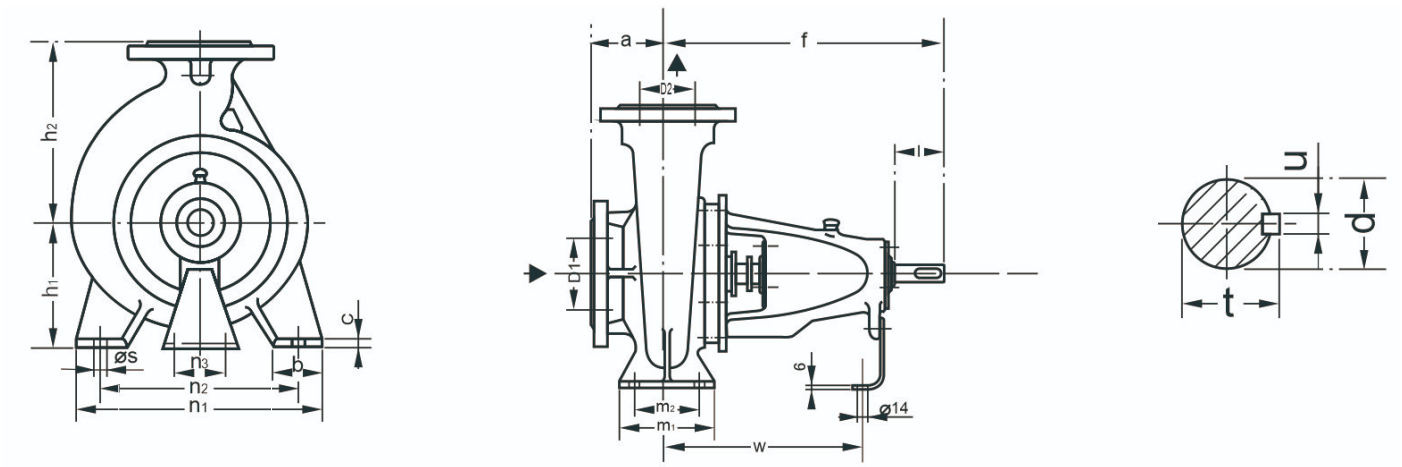
Matériaux Joints

Matériaux Garniture mécanique

A	Joint d'étanchéité
B	Oxyde d'aluminium
C	Charbon
D	Carbure de silicium
X	Carbure de tungstène

1	NBR/Nitrile
2	EPDM
3	FKM/FPM/Viton
4	PTFE/ Teflon
5	FXM/Fluoraz
6	FFKM/Kalrez

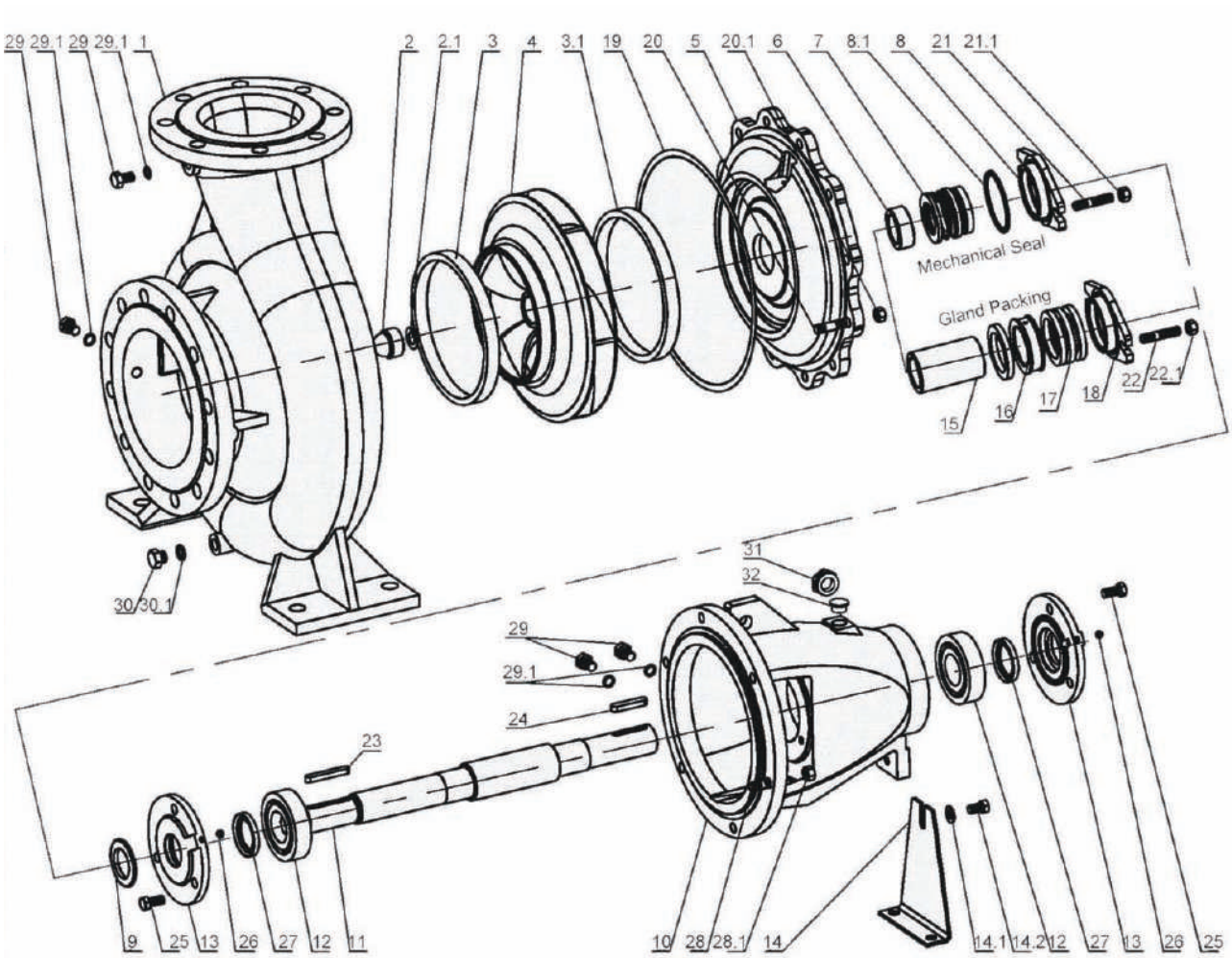
4. DIMENSIONES DIMENSIONS DIMENSIONS



Model	Bearing inside	DN2	DN1	a	f	h1	h2	b	c	n 3	m1	m2	n1	n2	S1	S2	w	d	l	t	u	Weight (Kg)
NW 32/125	25	32	50	80	360	112	140	50	14	100	100	70	190	140	14	14	267	24	50	27	8	30
NW 32/160	25	32	50	80	360	132	160	50	14	100	100	70	240	190	14	14	267	24	50	27	8	35
NW 32/200	25	32	50	80	360	160	180	50	14	110	100	70	240	190	14	14	267	24	50	27	8	47
NW 32/250	25	32	50	100	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8	60
NW 40/125	25	40	65	80	360	112	140	50	14	100	100	70	210	160	14	14	267	24	50	27	8	31
NW 40/160	25	40	65	80	360	132	160	50	14	100	100	70	240	190	14	14	267	24	50	27	8	37
NW 40/200	25	40	65	100	360	160	180	50	14	110	100	70	265	212	14	14	267	24	50	27	8	48
NW 40/250	25	40	65	100	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8	61
NW 40/315	35	40	65	125	470	200	250	65	14	110	125	95	345	280	14	14	342	32	80	35	10	100
NW 40/320G	45	40	65	125	526	200	250	65	14	110	125	95	345	280	14	14	367	42	110	45	12	115
NW 50/125	25	50	65	100	360	132	160	50	14	100	100	70	240	190	14	14	267	24	50	27	8	35
NW 50/160	25	50	65	100	360	160	180	50	14	110	100	70	265	212	14	14	267	24	50	27	8	40
NW 50/200	25	50	65	100	360	160	200	50	14	110	100	70	265	212	14	14	267	24	50	27	8	50
NW 50/250	25	50	65	100	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8	68
NW 50/250G	35	50	65	100	470	180	225	65	14	110	125	95	320	250	14	14	344	32	80	35	10	80
NW 50/315	35	50	65	125	470	225	280	65	18	110	125	95	345	280	14	14	342	32	80	35	10	102
NW 50/320G	45	50	65	125	526	225	280	65	18	110	125	95	345	280	14	14	367	42	110	45	12	120
NW 65/125	25	65	80	100	360	160	180	65	14	110	125	95	280	212	14	14	267	24	50	27	8	41
NW 65/160	25	65	80	100	360	160	200	65	14	110	125	95	280	212	14	14	267	24	50	27	8	47
NW 65/200	25	65	80	100	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8	55
NW 65/200G	35	65	80	100	465	180	225	65	14	110	125	95	320	250	14	14	339	32	80	35	10	70
NW 65/250	35	65	80	100	470	200	250	80	15	110	160	120	360	280	18	14	342	32	80	35	10	88
NW 65/315	35	65	80	125	470	225	280	80	18	110	160	120	400	315	18	14	342	32	80	35	10	115
NW 65/320G	45	65	80	125	525	225	280	80	18	110	160	120	400	315	18	14	367	42	110	45	12	130
NW 80/160	25	80	100	125	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8	53
NW 80/200	35	80	100	125	470	180	250	65	15	110	125	95	345	280	14	14	342	32	80	35	10	78
NW 80/250	35	80	100	125	470	200	280	80	15	110	160	120	400	315	18	14	342	32	80	35	10	98
NW 80/320	35	80	100	125	470	250	315	80	16	110	160	120	400	315	18	14	342	32	80	35	10	120
NW 80/320G	45	80	100	125	526	250	315	80	16	110	160	120	400	315	18	14	367	42	110	45	12	140
NW 80/400	45	80	100	125	530	280	355	83	18	110	160	120	440	340	18	14	370	42	110	45	12	169
NW 100/160	35	100	125	125	470	200	250	80	15	110	160	120	360	280	18	14	342	32	80	35	10	87
NW 100/200	35	100	125	125	470	200	280	80	16	110	160	120	360	280	18	14	342	32	80	35	10	85
NW 100/250	35	100	125	140	470	225	280	80	16	110	160	120	400	315	18	14	342	32	80	35	10	105
NW 100/315	35	100	125	140	470	250	315	80	16	110	160	120	400	315	18	14	342	32	80	35	10	121
NW 100/400	45	100	125	140	530	280	355	100	20	110	200	150	500	400	23	14	370	42	110	45	12	176
NW 125/200	35	125	150	140	470	250	315	80	16	110	160	120	400	315	18	14	342	32	80	35	10	112
NW 125/250	35	125	150	140	470	250	355	100	16	110	160	120	400	315	18	14	342	32	80	35	10	117
NW 125/315	45	125	150	140	530	280	355	100	18	110	200	150	500	400	23	14	370	42	110	45	12	160
NW 125/400	45	125	150	160	530	315	400	100	18	110	200	150	500	400	23	14	370	42	110	45	12	193
NW 150/200	35	150	200	160	500	280	400	100	18	110	200	150	400	315	23	14	342	32	80	35	10	133
NW 150/250	45	150	200	160	530	250	355	100	18	110	200	150	450	350	23	14	370	42	110	45	12	163
NW 150/315	45	150	200	160	530	280	400	100	18	110	200	150	550	450	23	14	370	42	110	45	12	180
NW 150/400	45	150	200	160	530	315	450	100	18	110	200	150	550	450	23	14	370	42	110	45	12	215
NW 200/260	45	200	250	180	555	315	450	100	20	110	200	150	550	450	28	14	392	42	110	45	12	226
NW 200/320	55	200	250	180	670	315	480	120	20	110	220	170	600	480	28	14	505	48	110	51	14	280
NW 200/400	55	200	250	180	670	335	480	120	20	110	250	170	600	480	28	14	505	48	110	51	14	338
NW 250/320	55	250	300	220	691	355	520	150	26	110	250	200	660	510	28	14	525	48	110	51	14	370
NW 250/400	55	250	300	220	682	400	560	150	26	110	250	200	660	510	28	14	516	48	110	51	14	400
NW 250/500	65	250	300	250	720	450	670	120	32	140	240	190	750	650	23	19	515	60	140	64	18	550

ISO 700 5.2 DIN 2501 PN 16 GB / T1724 1.6 PN 1.6												
DN1/DN2	32	40	50	65	80	100	125	150	200	250	300	350
D1 /D2	140	150	165	185	200	220	250	285	340	405	460	520
K1 /K2	100	110	125	145	160	180	210	240	295	355	410	470
n-d1 / n-d2	4φ-18	4φ-18	4φ-18	4φ-18	8φ-18	8φ-18	8φ-18	8φ-22	12φ-22	12φ-26	12φ-26	16φ-26

5. DESPIECE SPARE PARTS PIÈCES DE RECHANGE

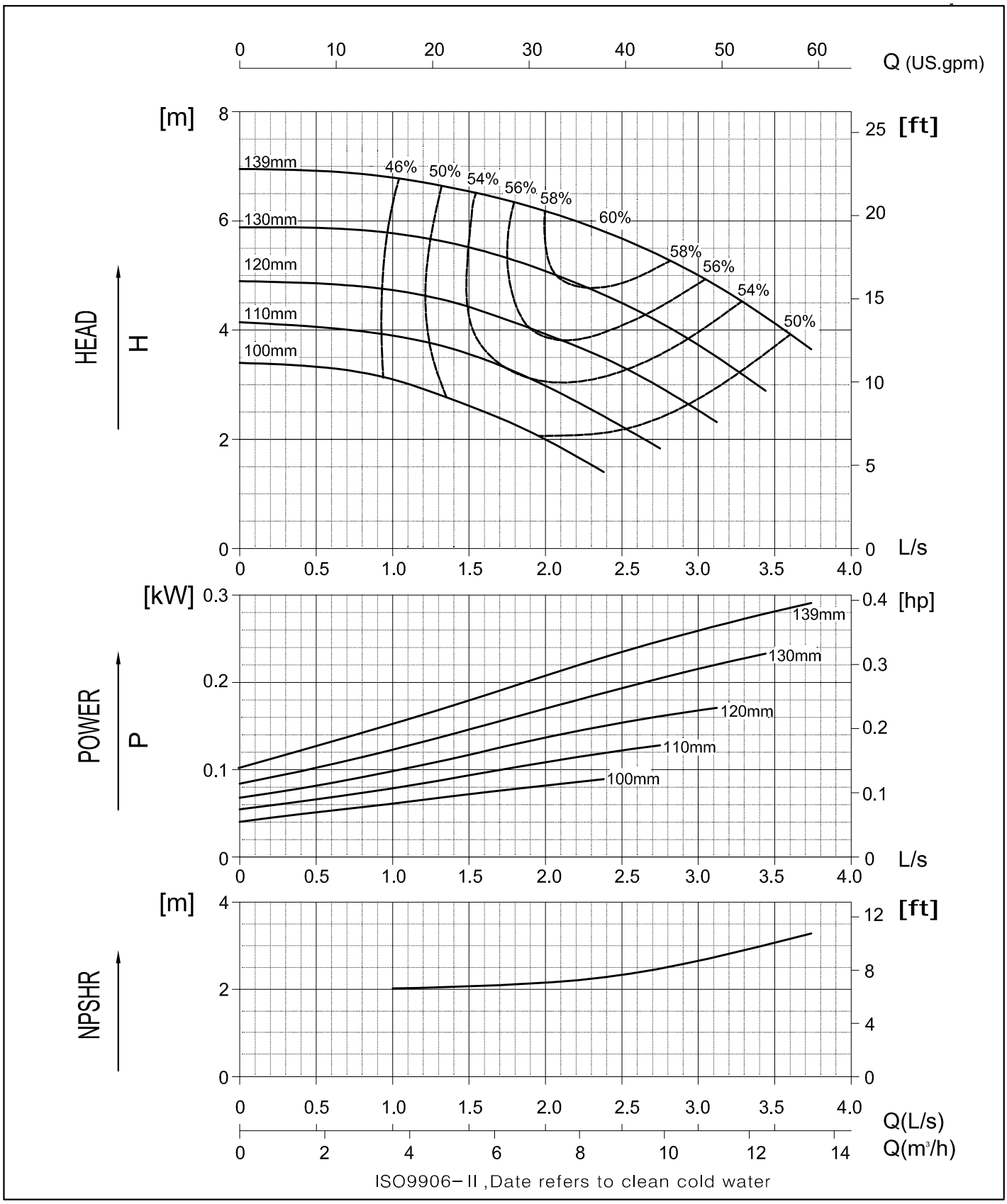


Nº	Nombre	Name	Noum
1	Carcasa	Casing	Boîtier
2	Tuerca del impulsor	Impeller nut	Ecrou de roue
3	Arandela flexible	Flexible washer	Rondelle souple
4	Anillo de desgaste delantero	Front wear ring	Bague d'usure avant
5	Anillo de desgaste trasero	Rear wear ring	Bague d'usure arrière
6	Rodete	Impeller	Roue
7	Tapa de la carcasa	Casing cover	Couvercle du carter
8	Asiento de la junta	Seal seat	Siège d'étanchéité
9	Cierre mecánico	Mechanical seal	Garniture mécanique
10	Tapa de la junta	Seal cover	Couvercle de la garniture
11	Junta tórica	O-ring	Joint torique
12	Eslinga	Slinger	Élingue
13	Alojamiento del roda-miento	Bearing housing	Logement du palier
14	Eje	Shaft	Arbre
15	Cojinete	Bearing	Palier
16	Tapa del cojinete	Bearing cover	Couvercle de palier

Nº	Nombre	Name	Noum
17	Pie de apoyo	Support foot	Pied de support
18	Perno	Bolt	Boulon
19	Tuerca	Nut	Ecrou
20	Casquillo de empaque-tadura	Packing sleeve	Douille de garniture
21	Anillo de empaquetadura	Packing ring	Bague de garniture
22	Empaquetadura del prensaestopas	Gland packing	Presse-étoupe
23	Tapa de la empaque-tadura	Packing cover	Couvercle de garniture
24	Junta	Gasket	Joint d'étanchéité
25	Espárrago	Stud	Goujon
26	Tuerca	Nut	Ecrou
27	Espárrago	Stud	Goujon
28	Tuerca	Nut	Ecrou
29	Arandela	Vent plut	Bouchon d'évent
29.1	Arandela	Washer	Rondelle
30	Tapón de drenaje	Drainage plug	Bouchon de vidange
30.1	Arandela	Washer	Rondelle
31	Vaso de aceite	Oil Glass	Verre à huile
32	Tapa del orificio de aceite	Oil hole cover	Couvercle du trou d'huile

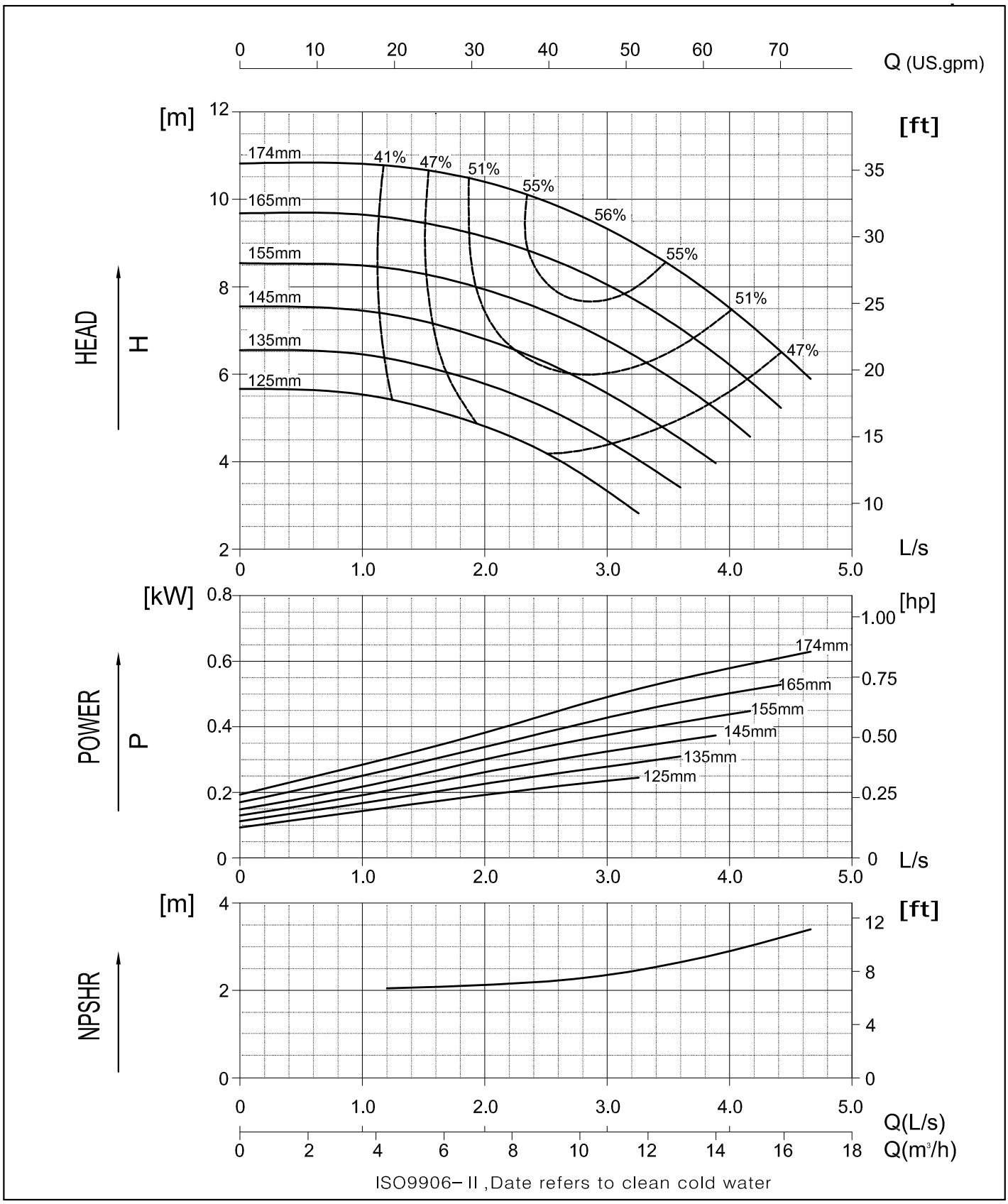
NW32-125

1450 RPM



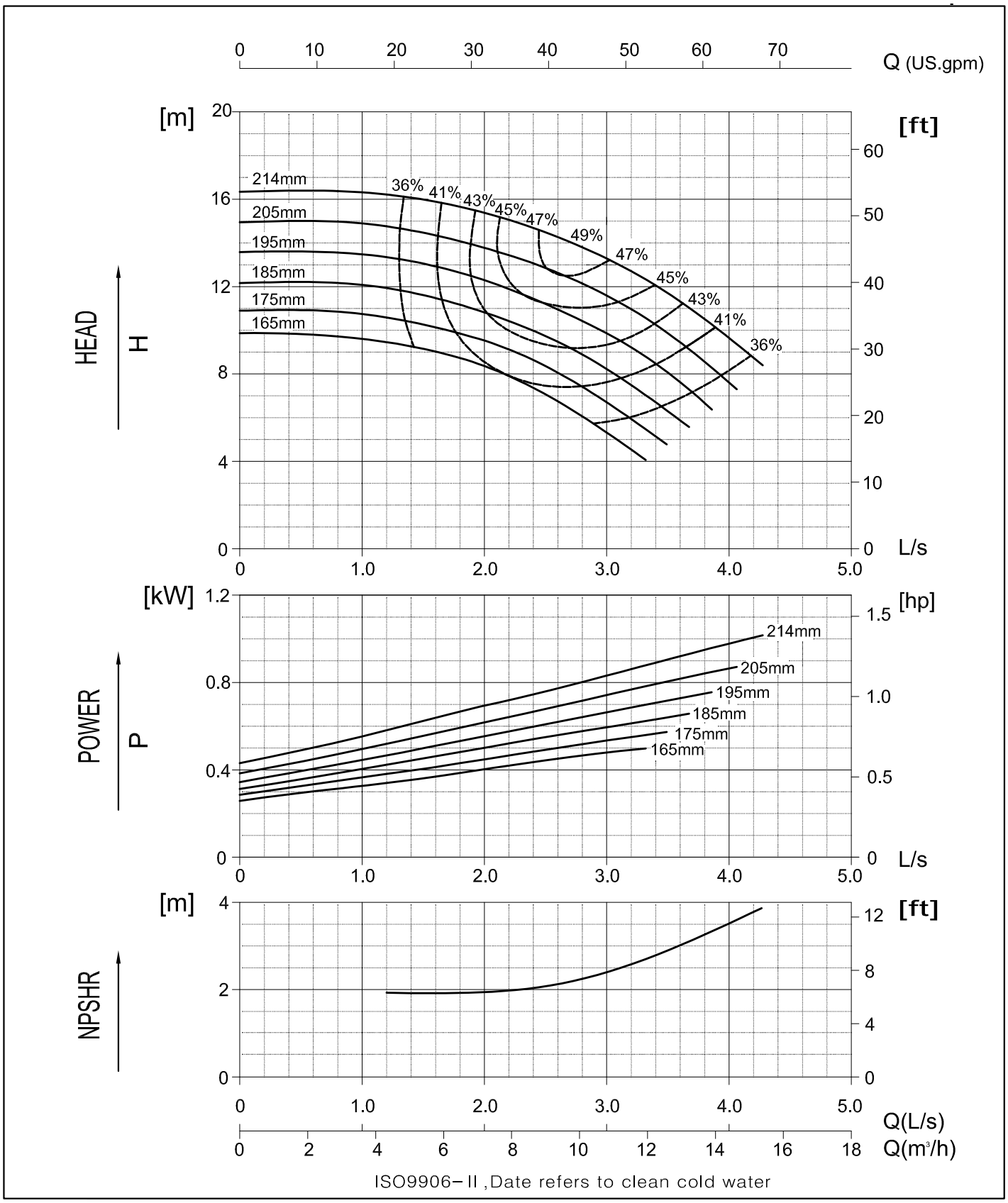
NW32-160

1450 RPM



NW32-200

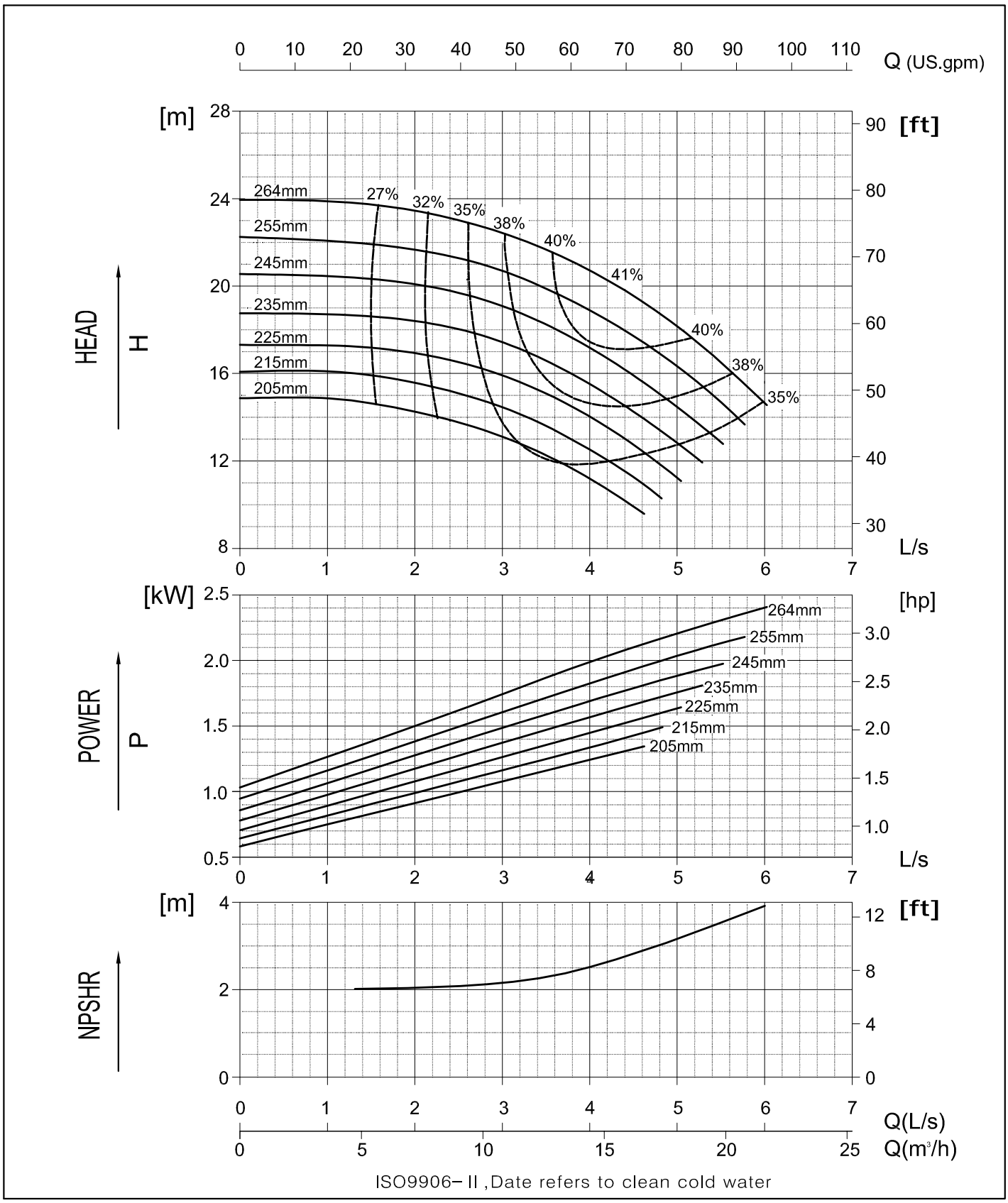
1450 RPM



ISO9906– II ,Date refers to clean cold water

NW32-250

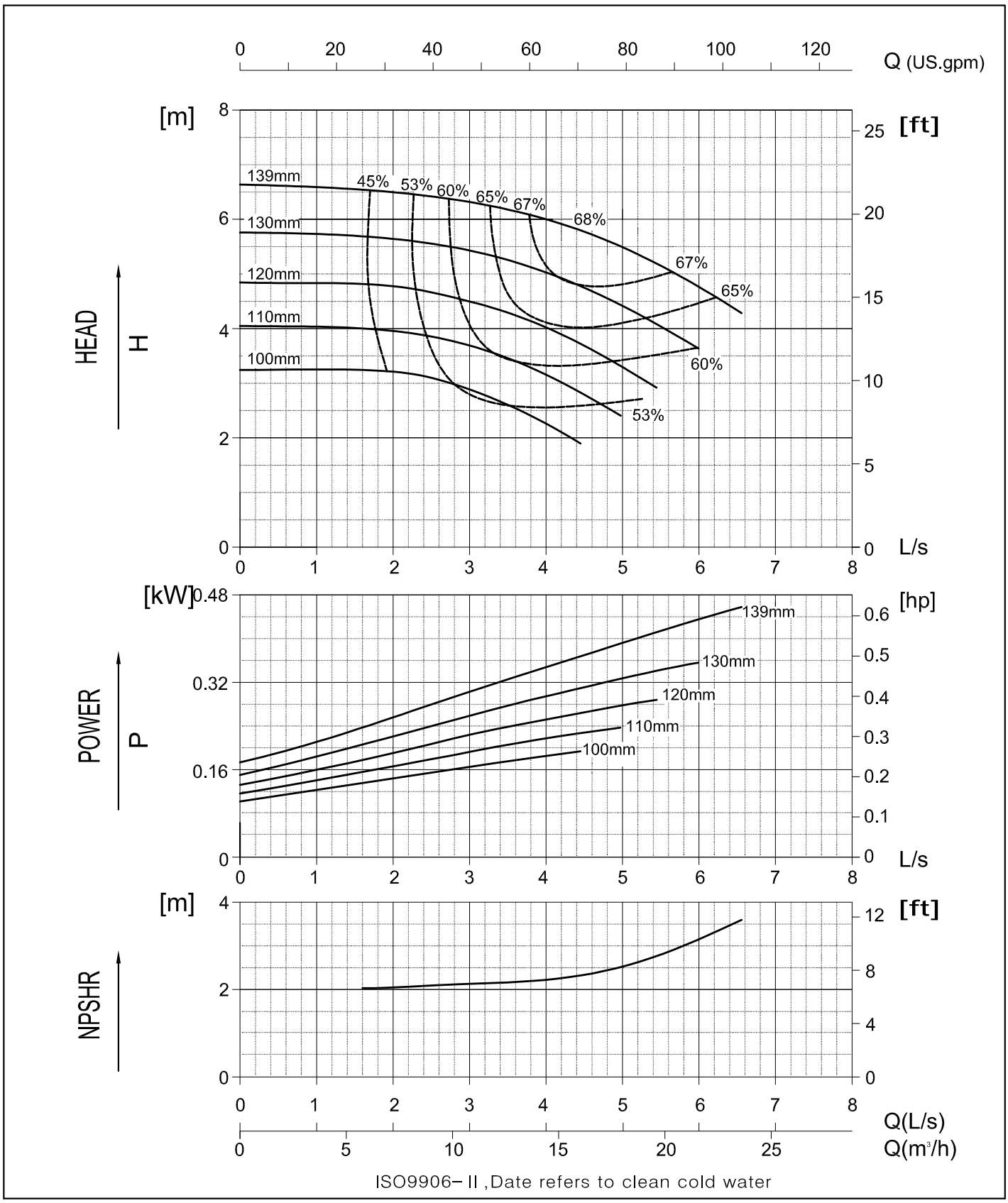
1450 RPM



ISO9906– II ,Date refers to clean cold water

NW40-125

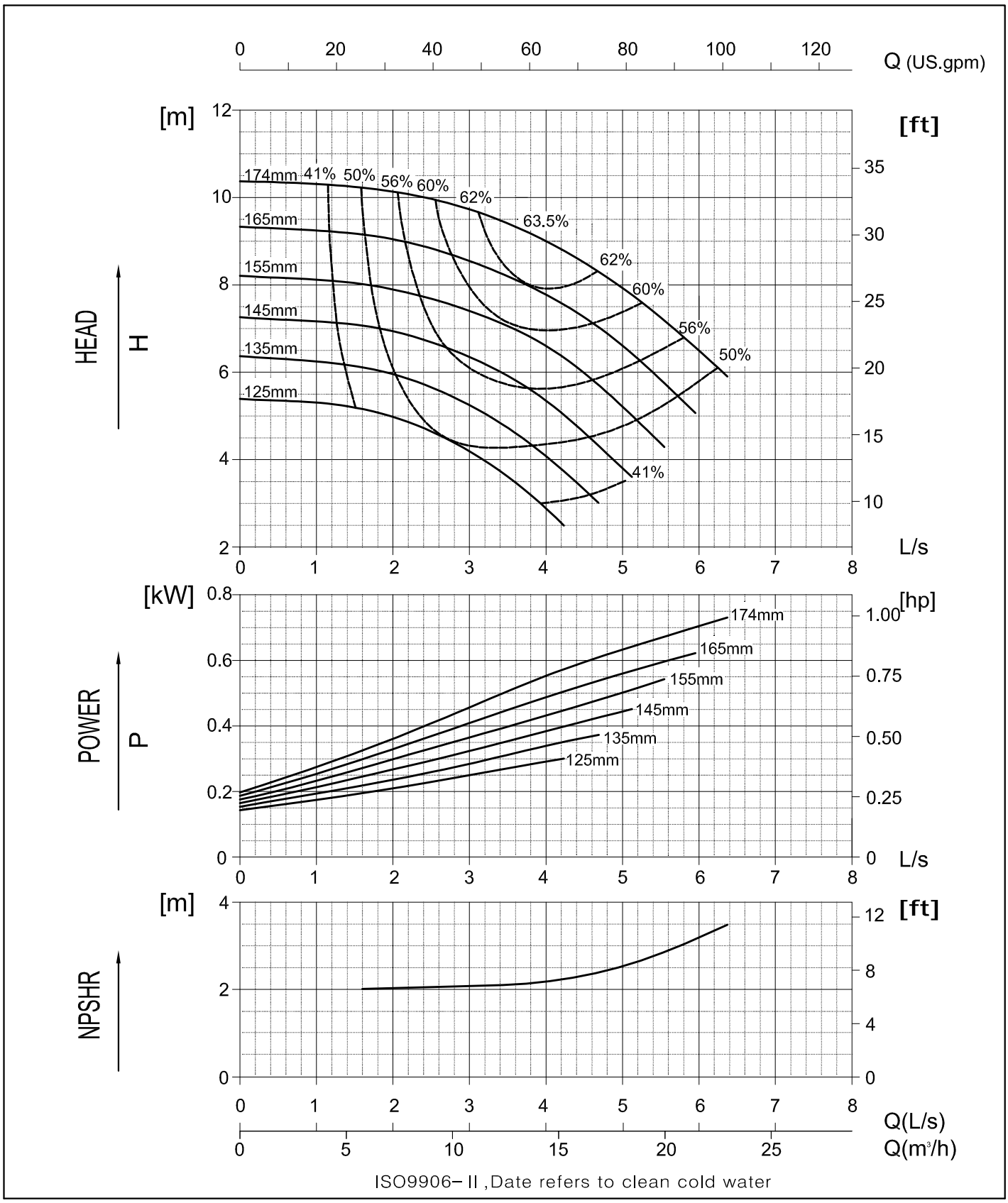
1450 RPM



ISO9906– II ,Date refers to clean cold water

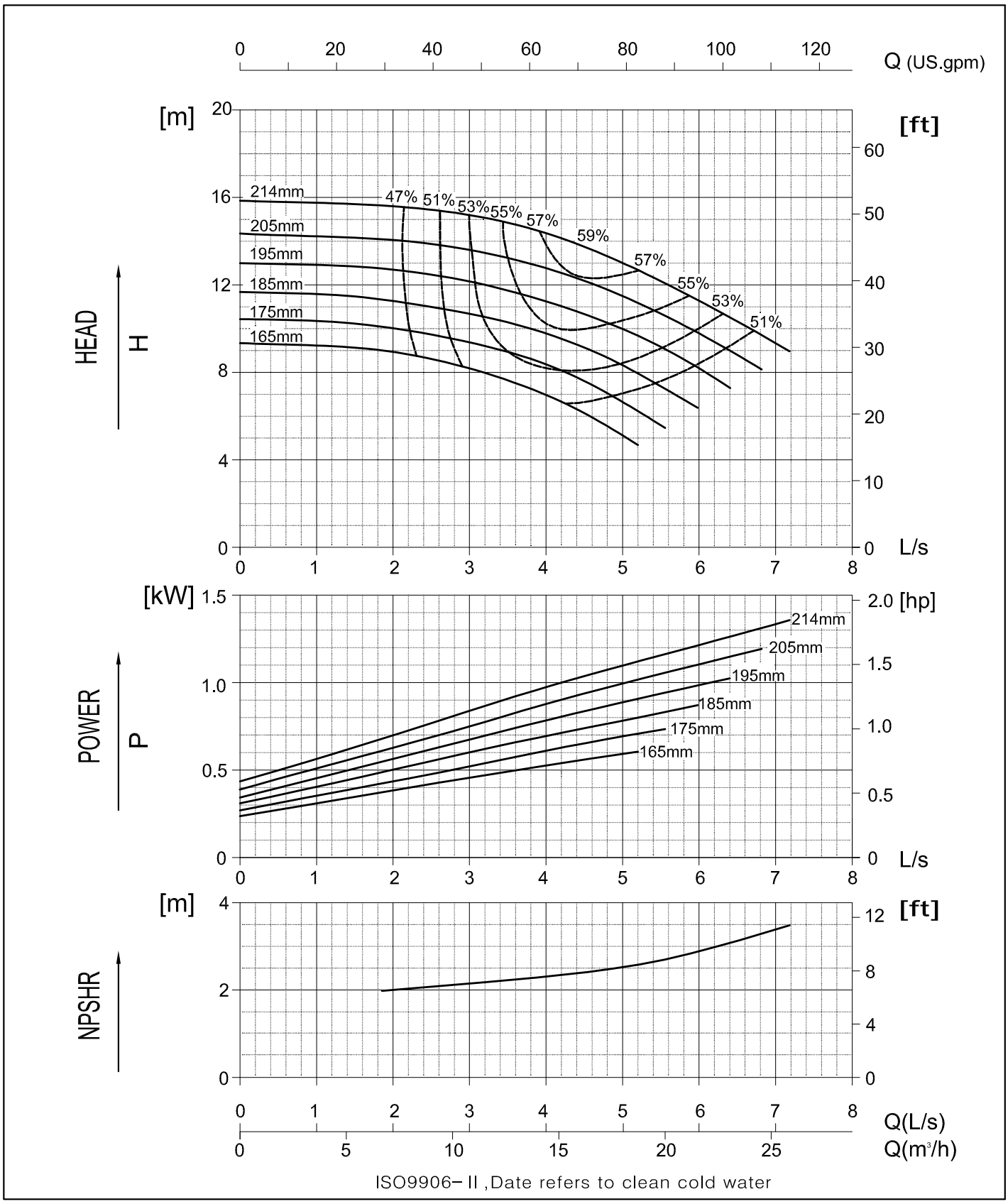
NW40-160

1450 RPM



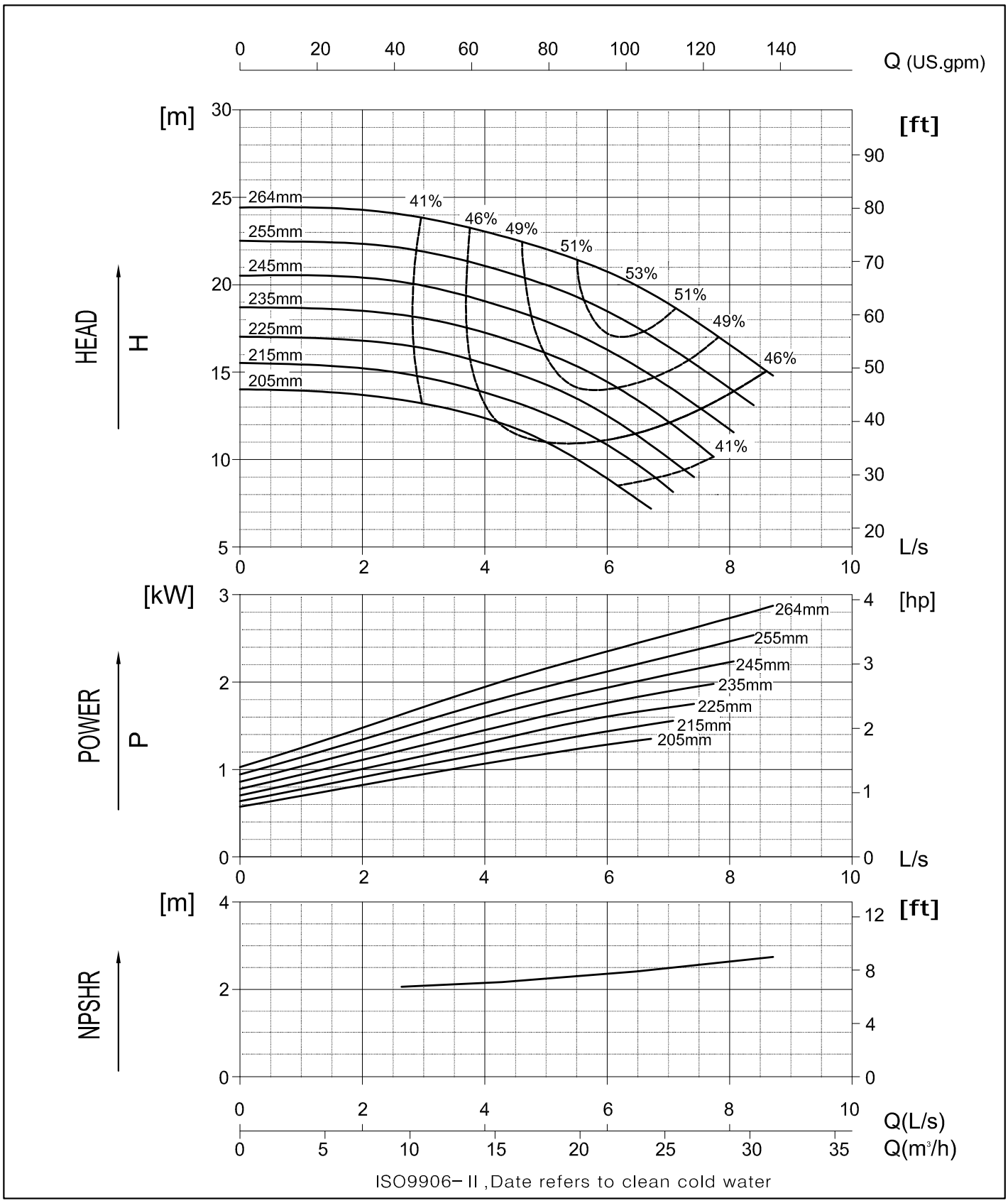
NW40-200

1450 RPM



NW40-250

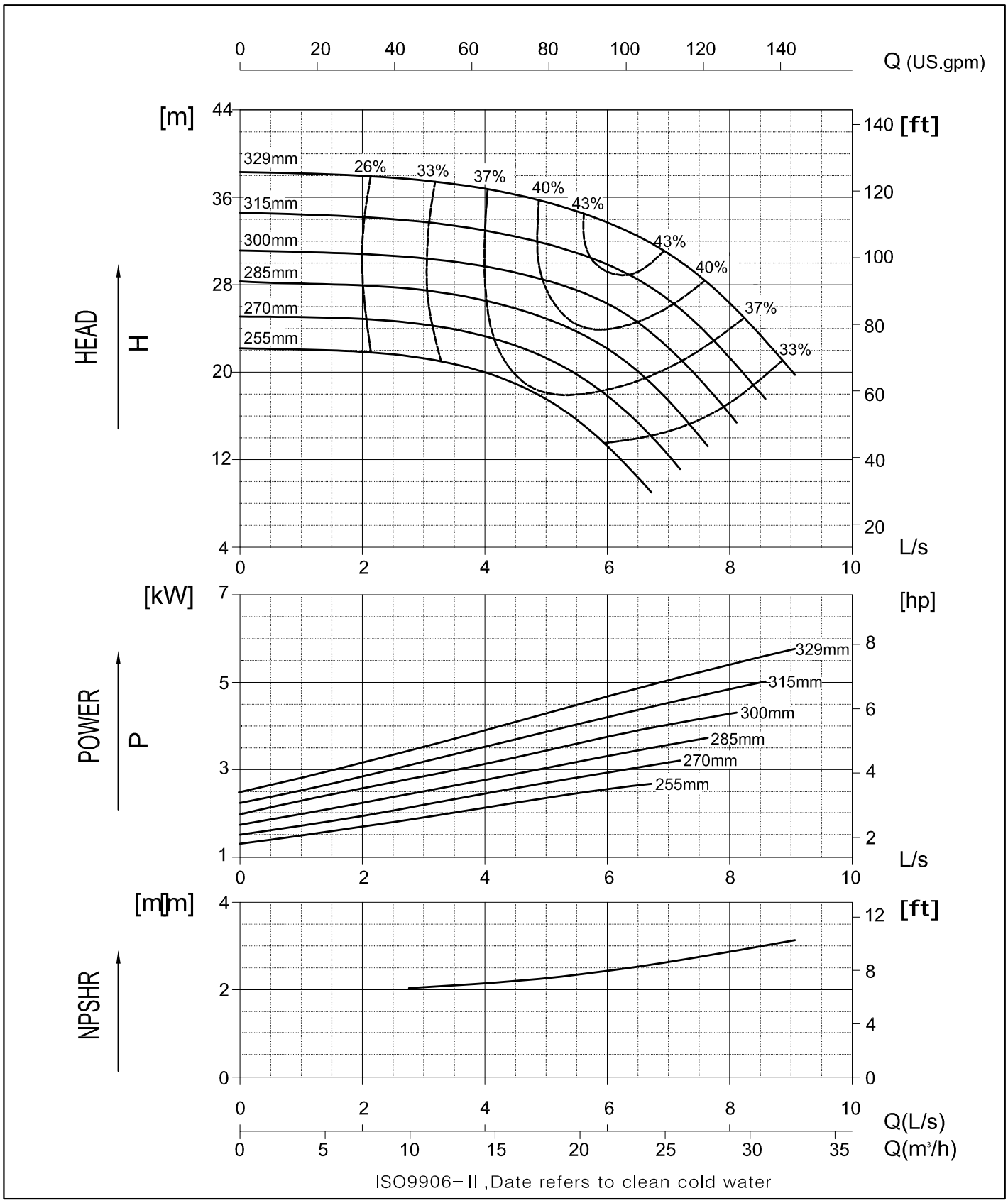
1450 RPM



ISO9906– II ,Date refers to clean cold water

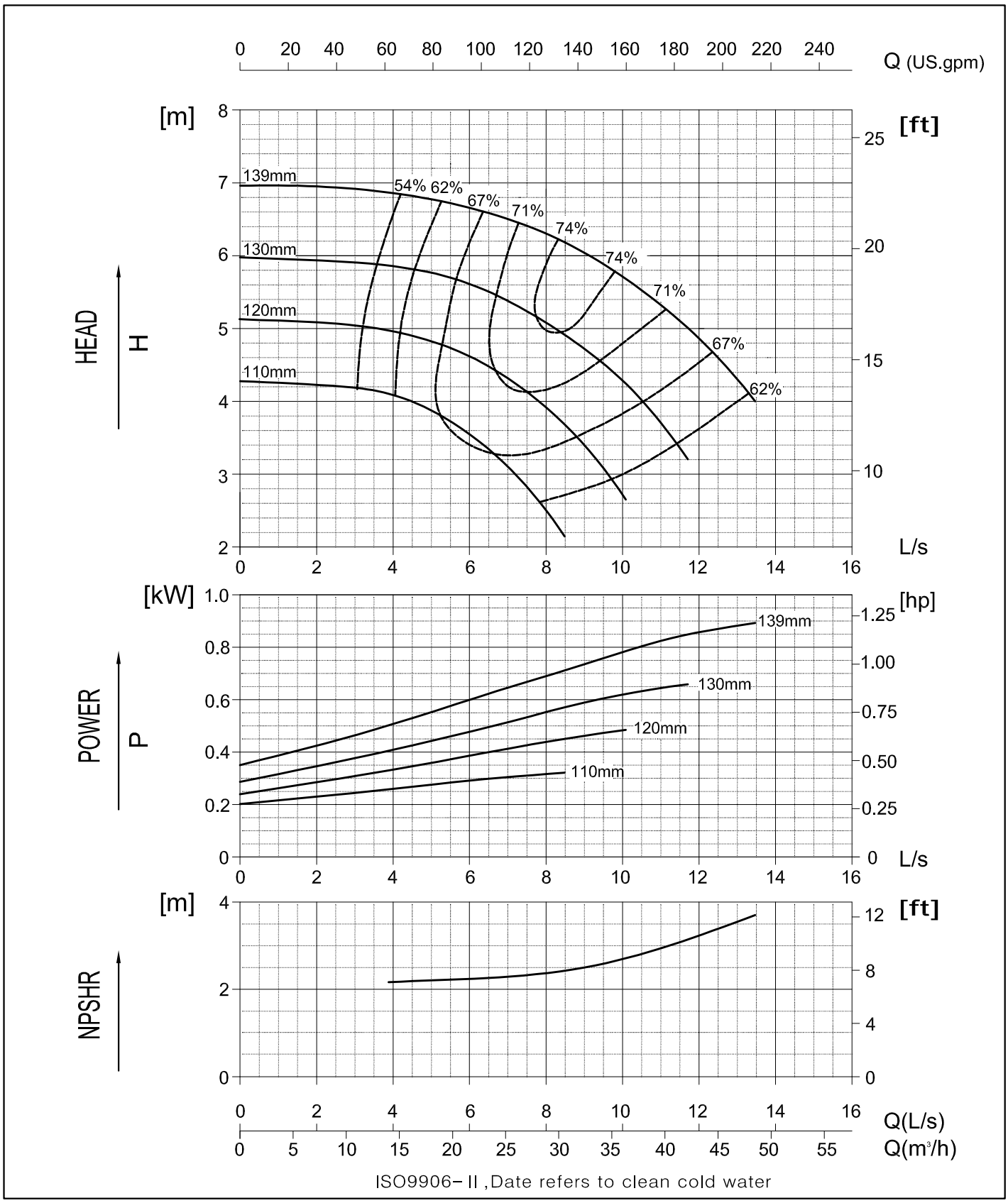
NW40-315

1450 RPM



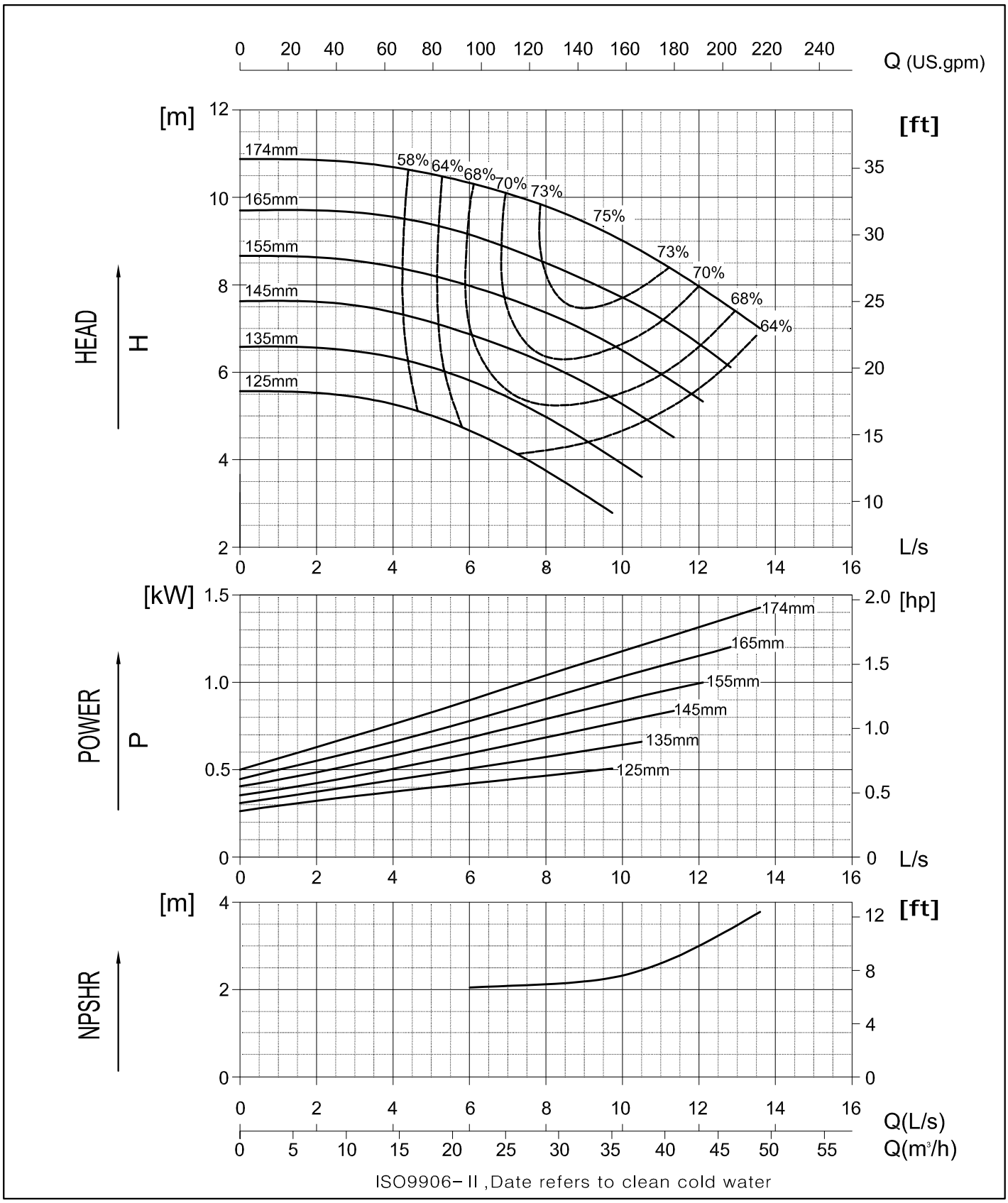
NW50-125

1450 RPM



NW50-160

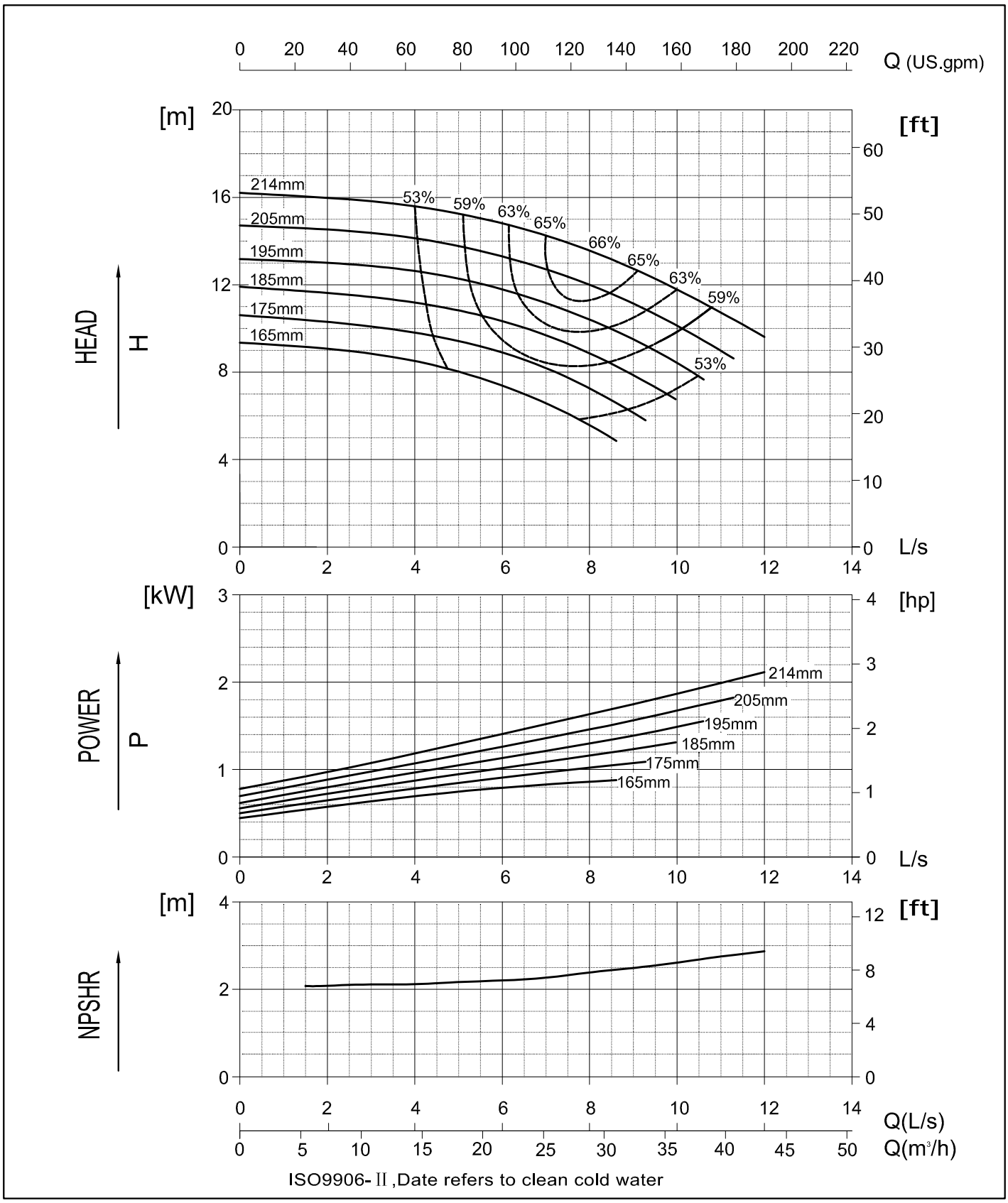
1450 RPM



ISO9906– II ,Date refers to clean cold water

NW50-200

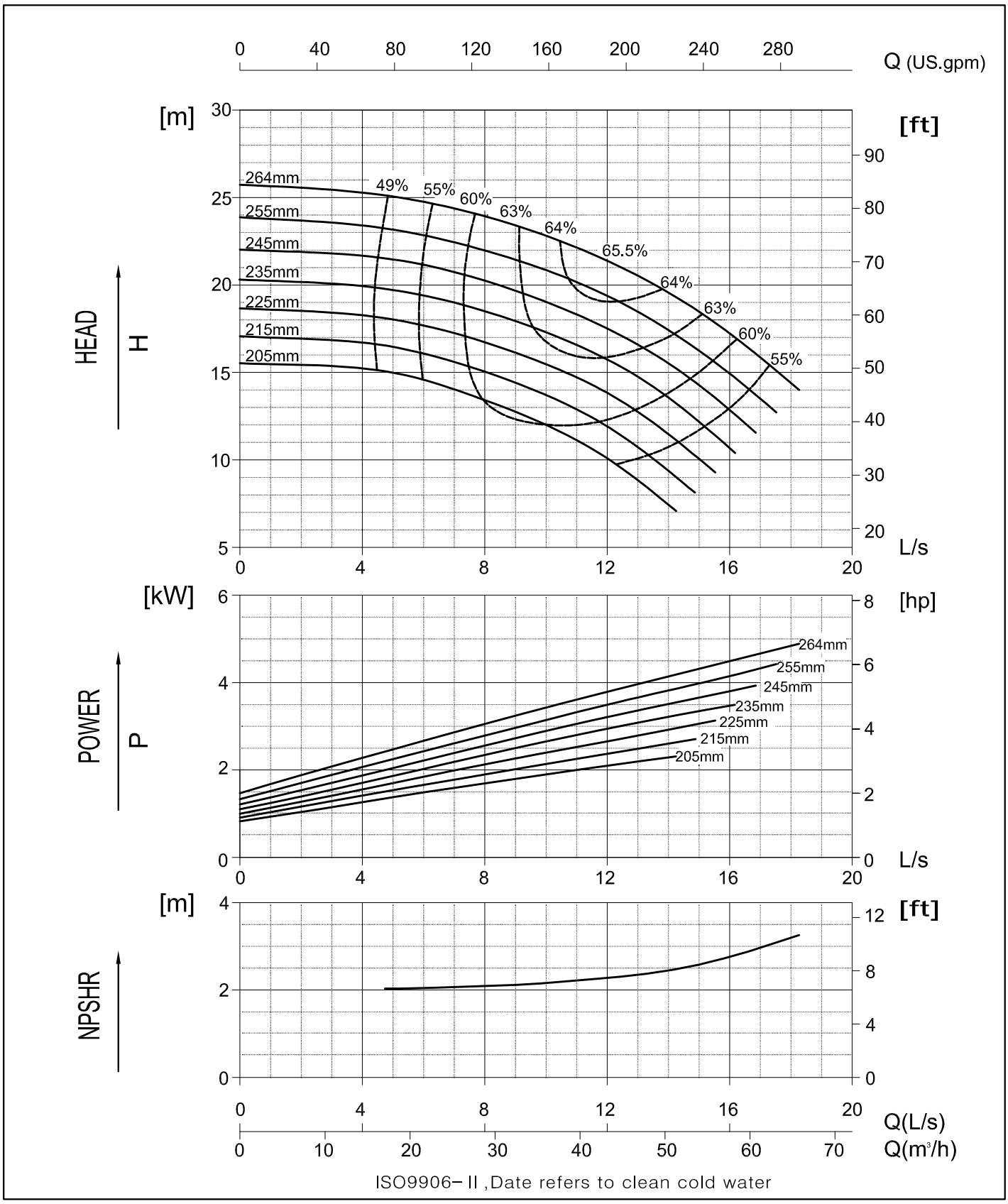
1450 RPM



ISO9906- Ⅱ ,Date refers to clean cold water

NW50-250

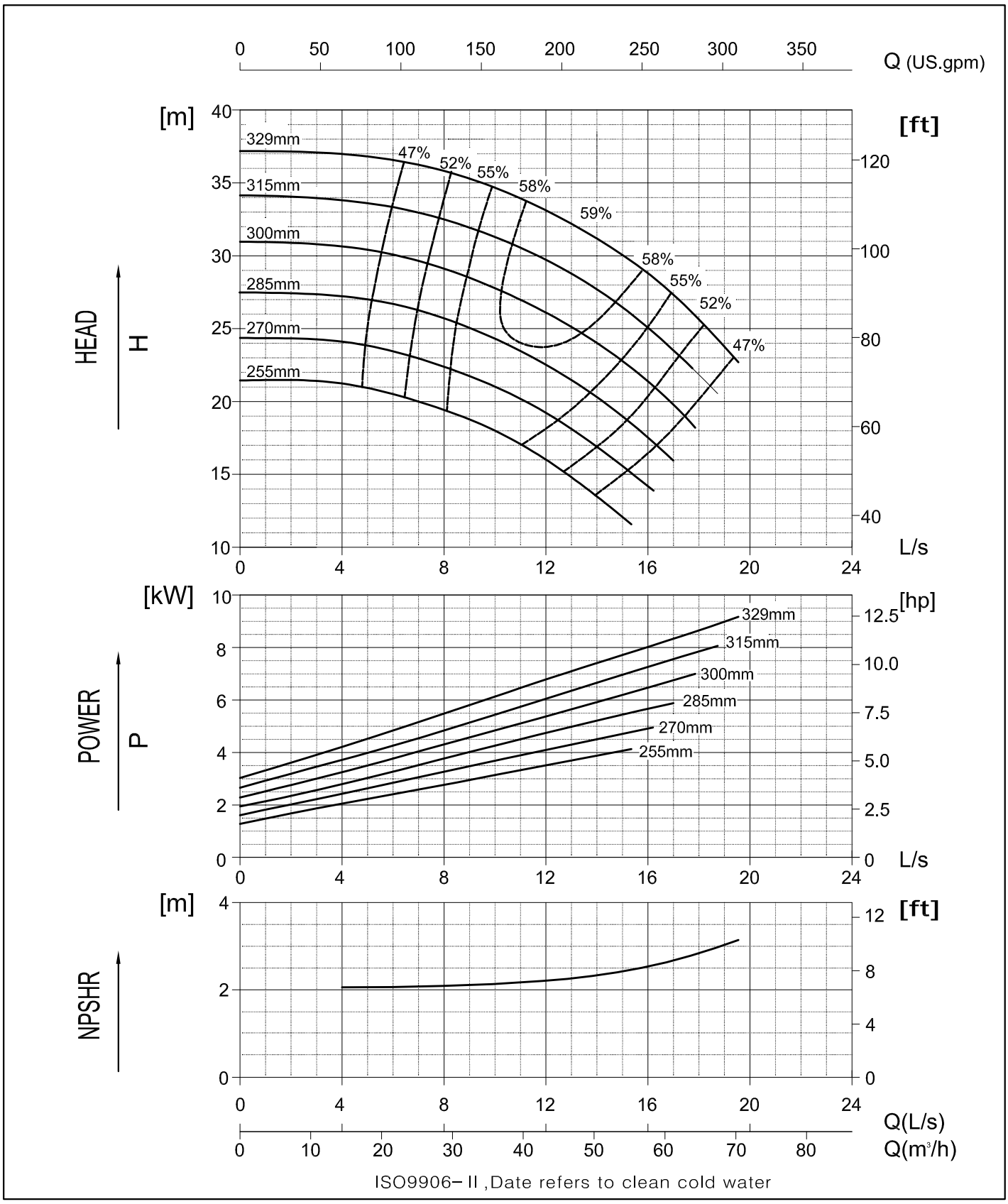
1450 RPM



ISO9906– II ,Date refers to clean cold water

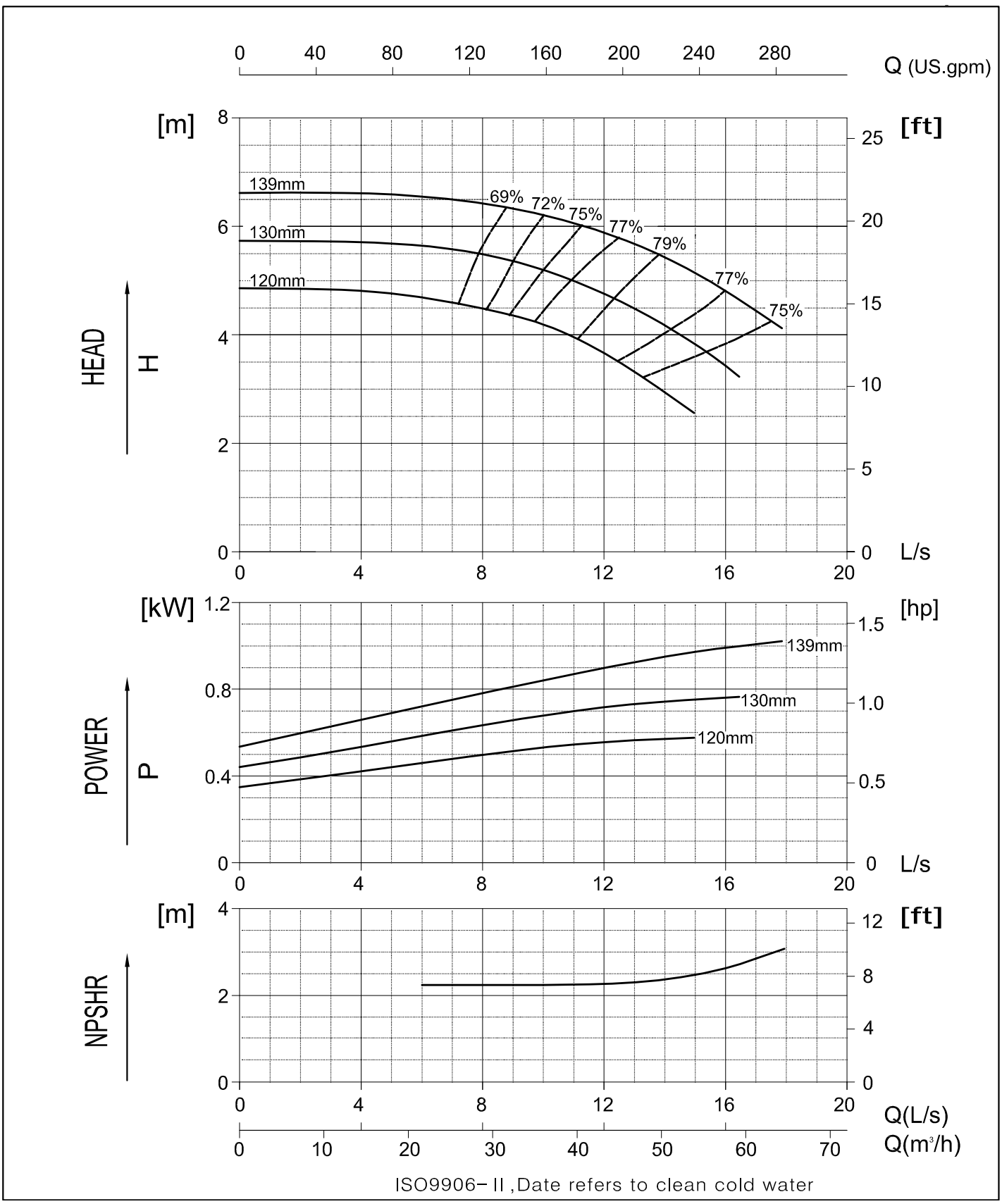
NW50-315

1450 RPM



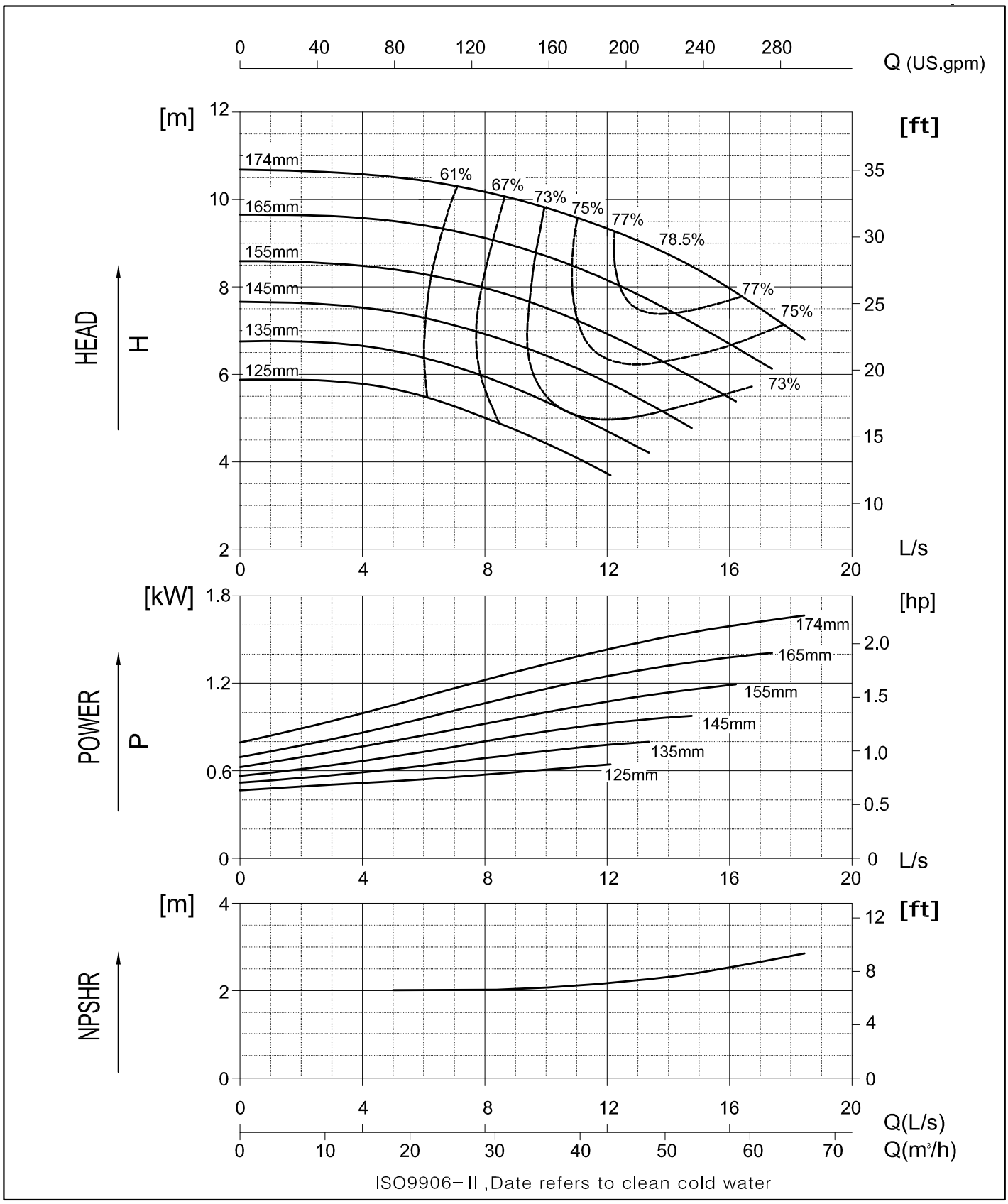
NW65-125

1450 RPM



NW65-160

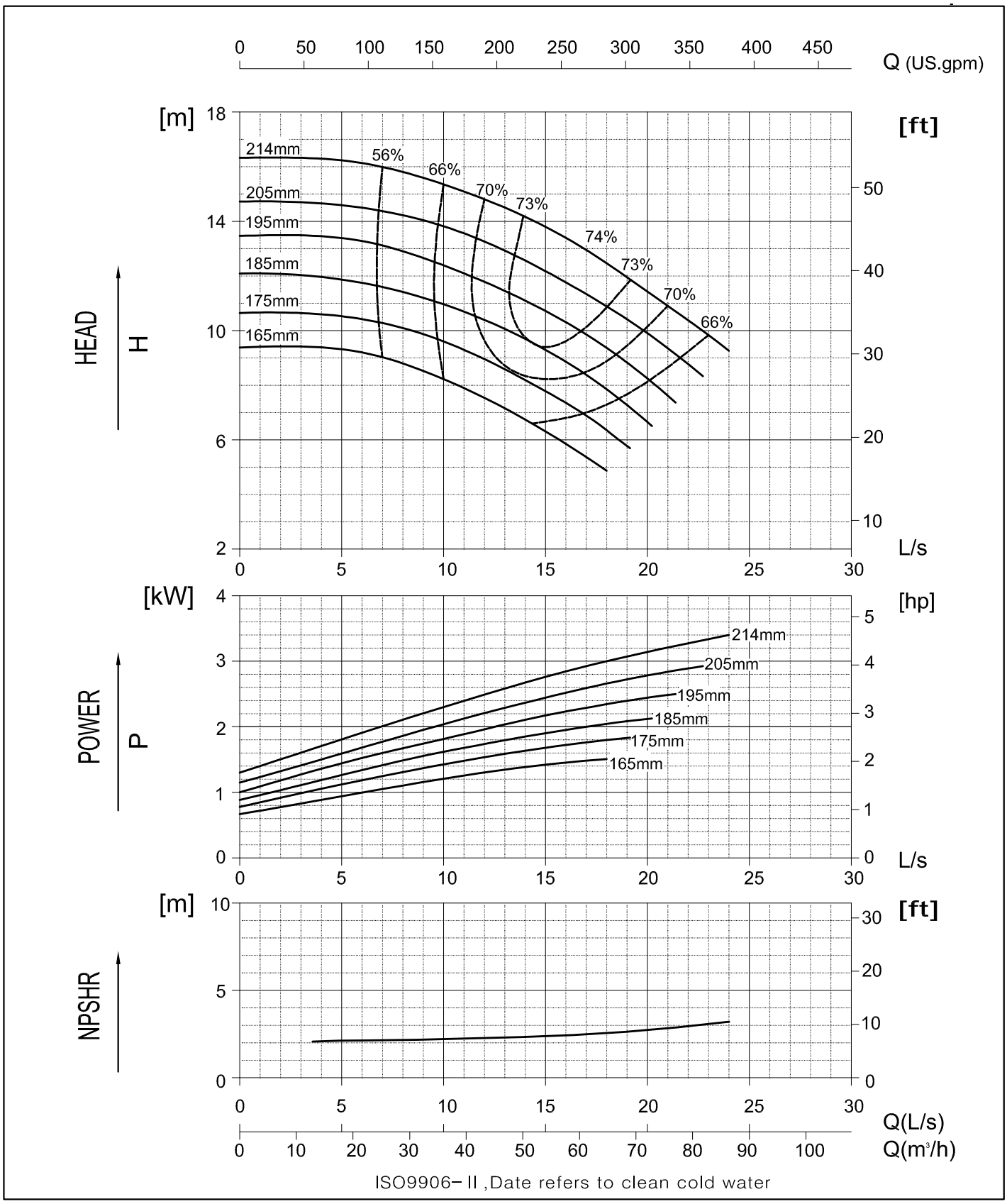
1450 RPM



ISO9906– II ,Date refers to clean cold water

NW65-200

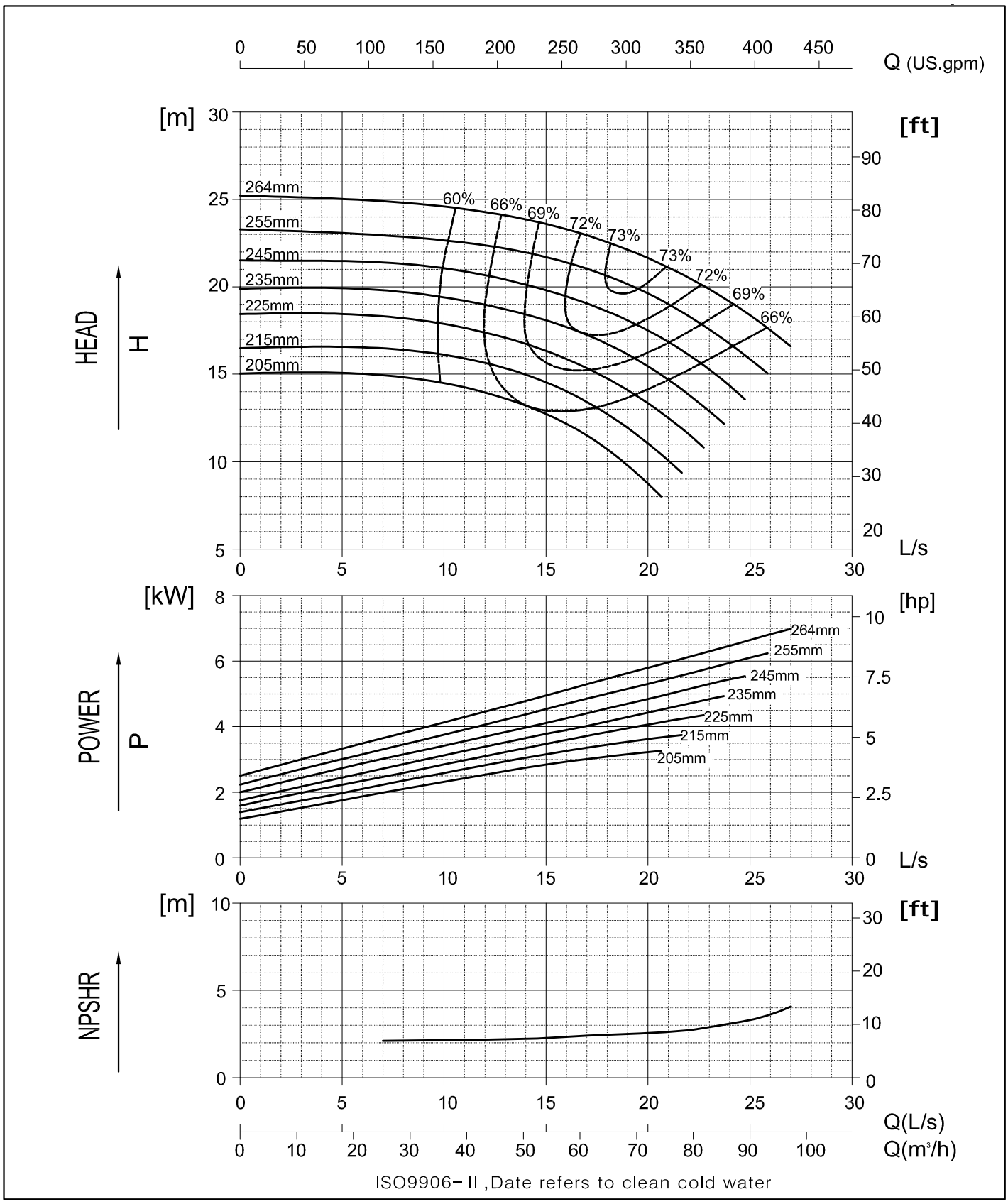
1450 RPM



ISO9906– II ,Date refers to clean cold water

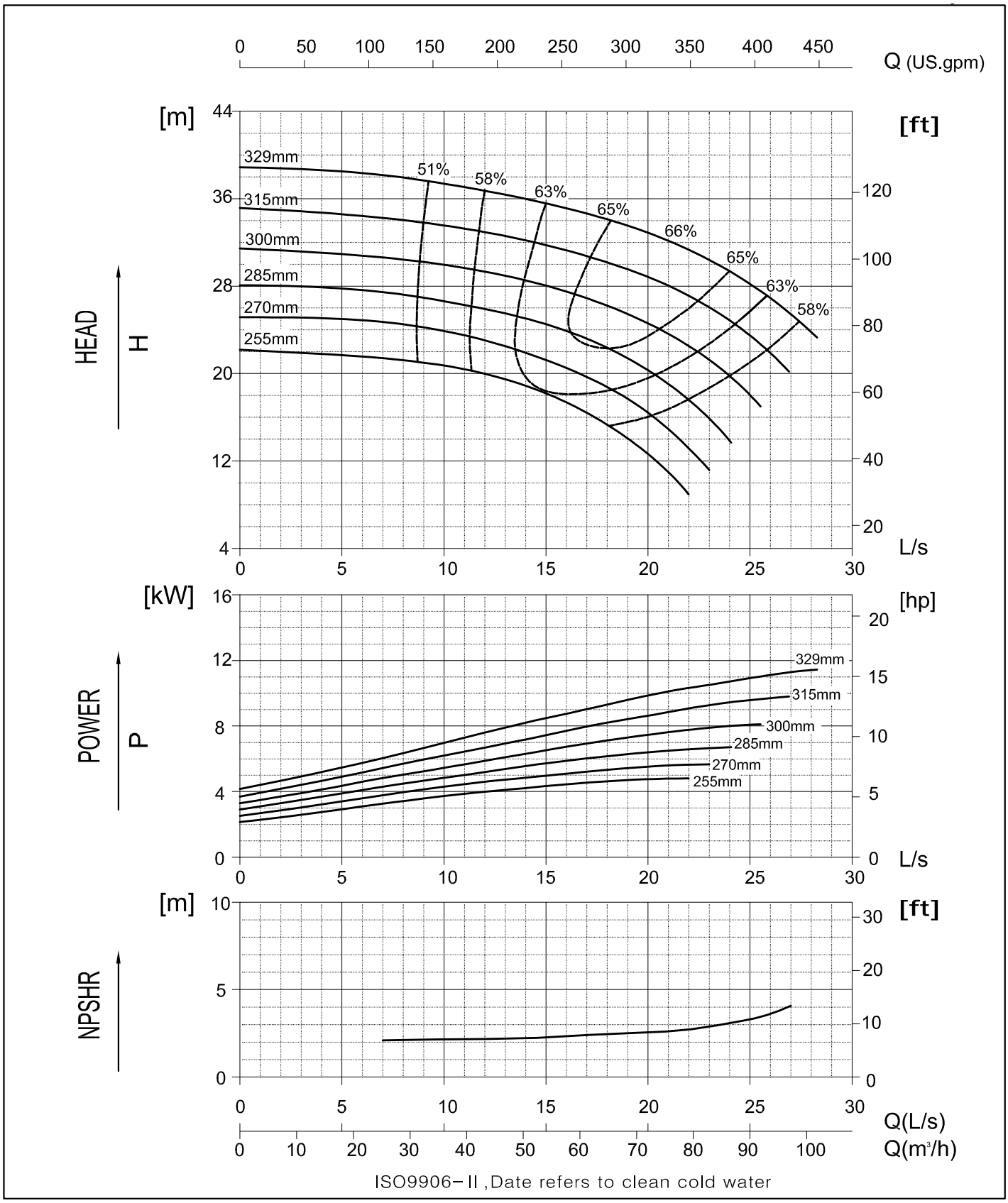
NW65-250

1450 RPM



NW65-315

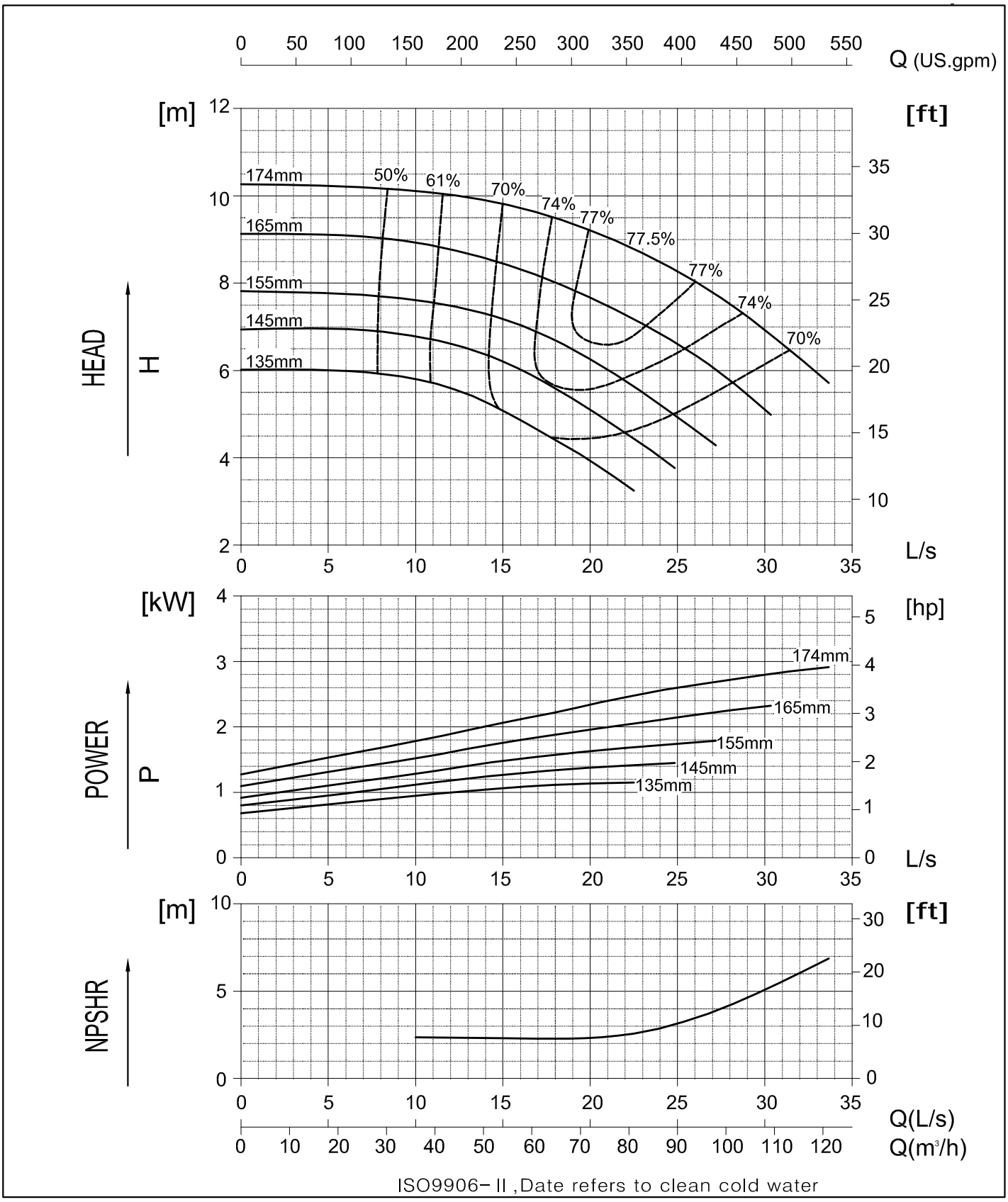
1450 RPM



ISO9906– II ,Date refers to clean cold water

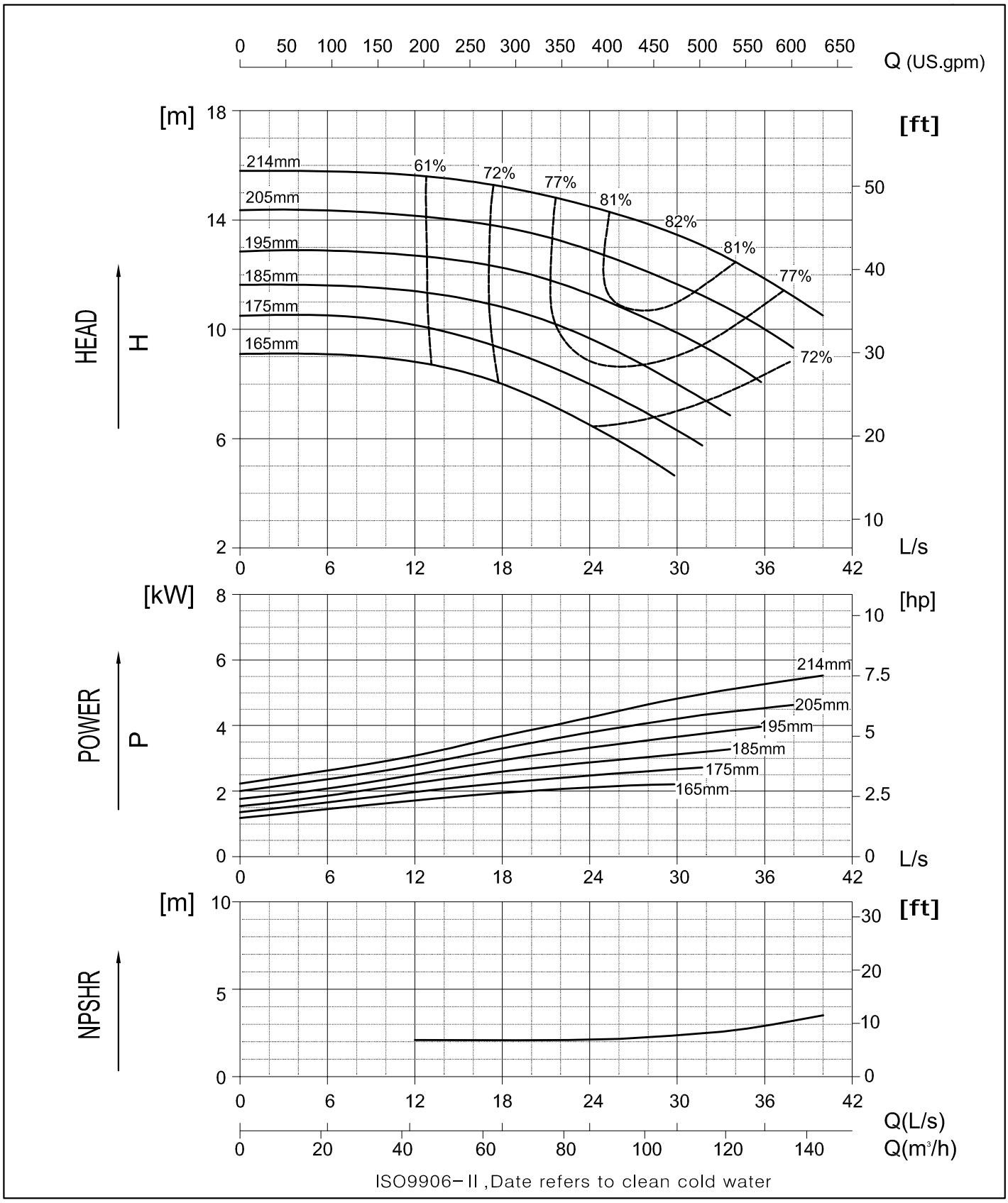
NW80-160

1450 RPM



NW80-200

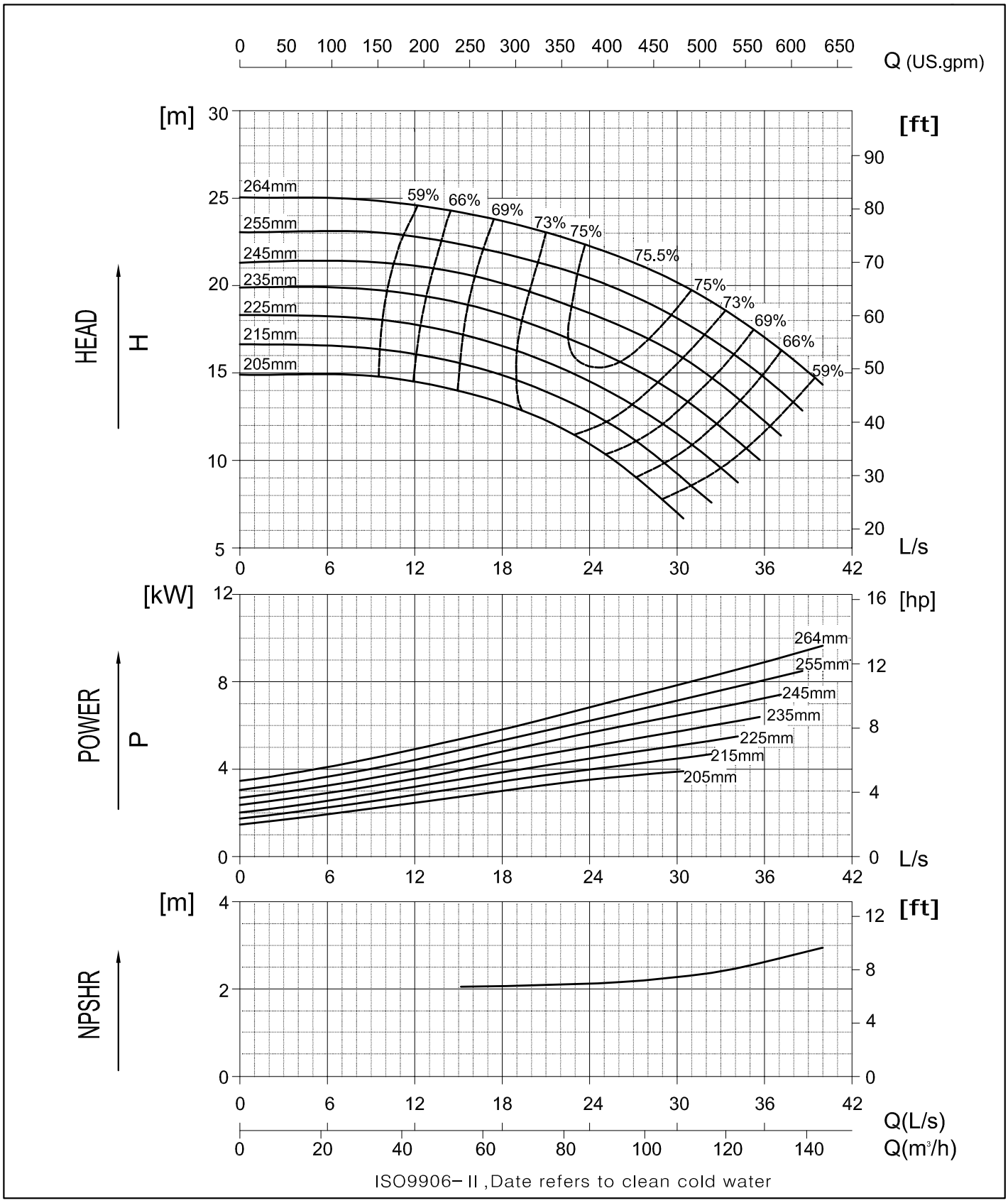
1450 RPM



ISO9906– II ,Date refers to clean cold water

NW80-250

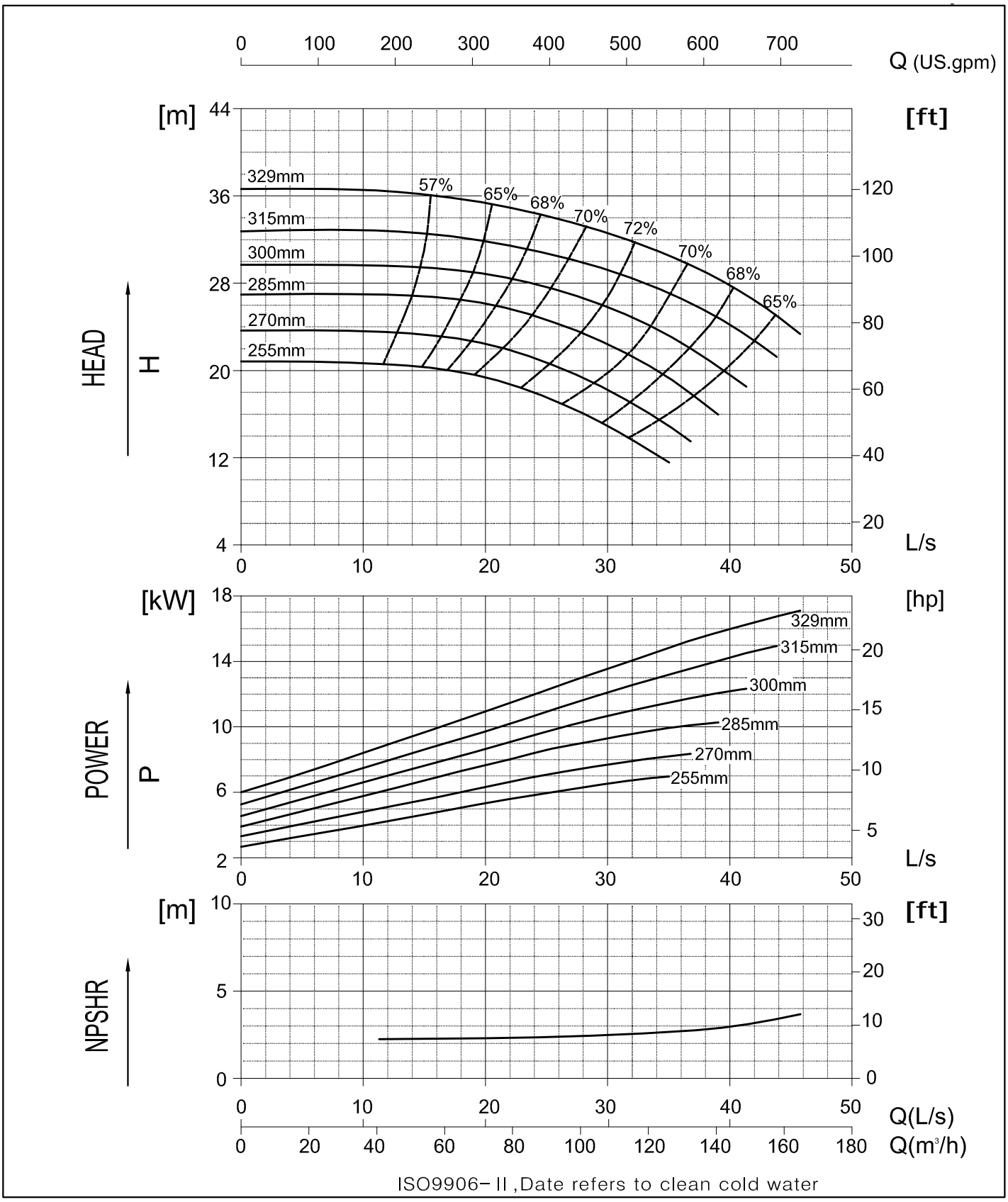
1450 RPM



ISO9906– II ,Date refers to clean cold water

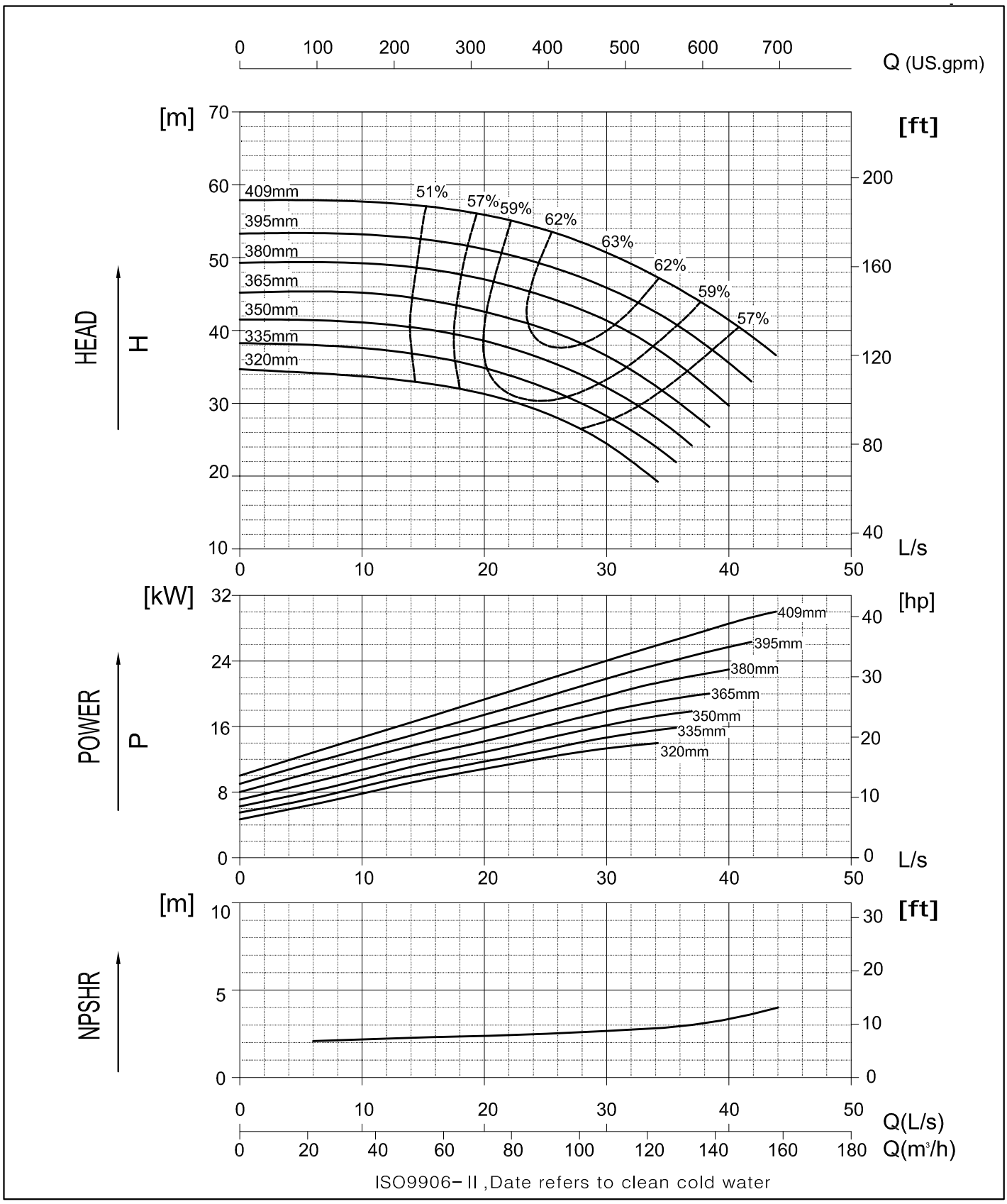
NW80-320

1450 RPM



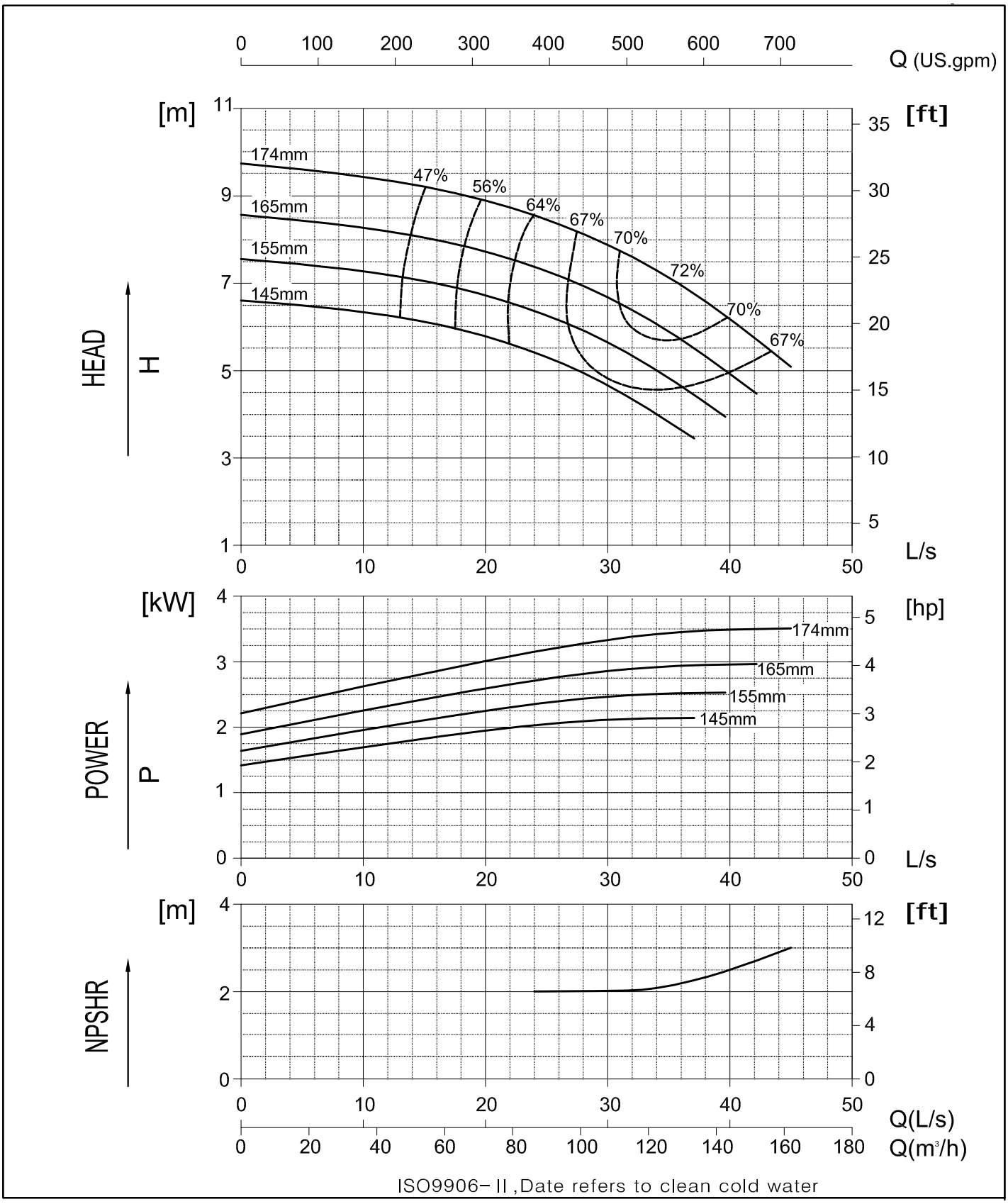
NW80-400

1450 RPM



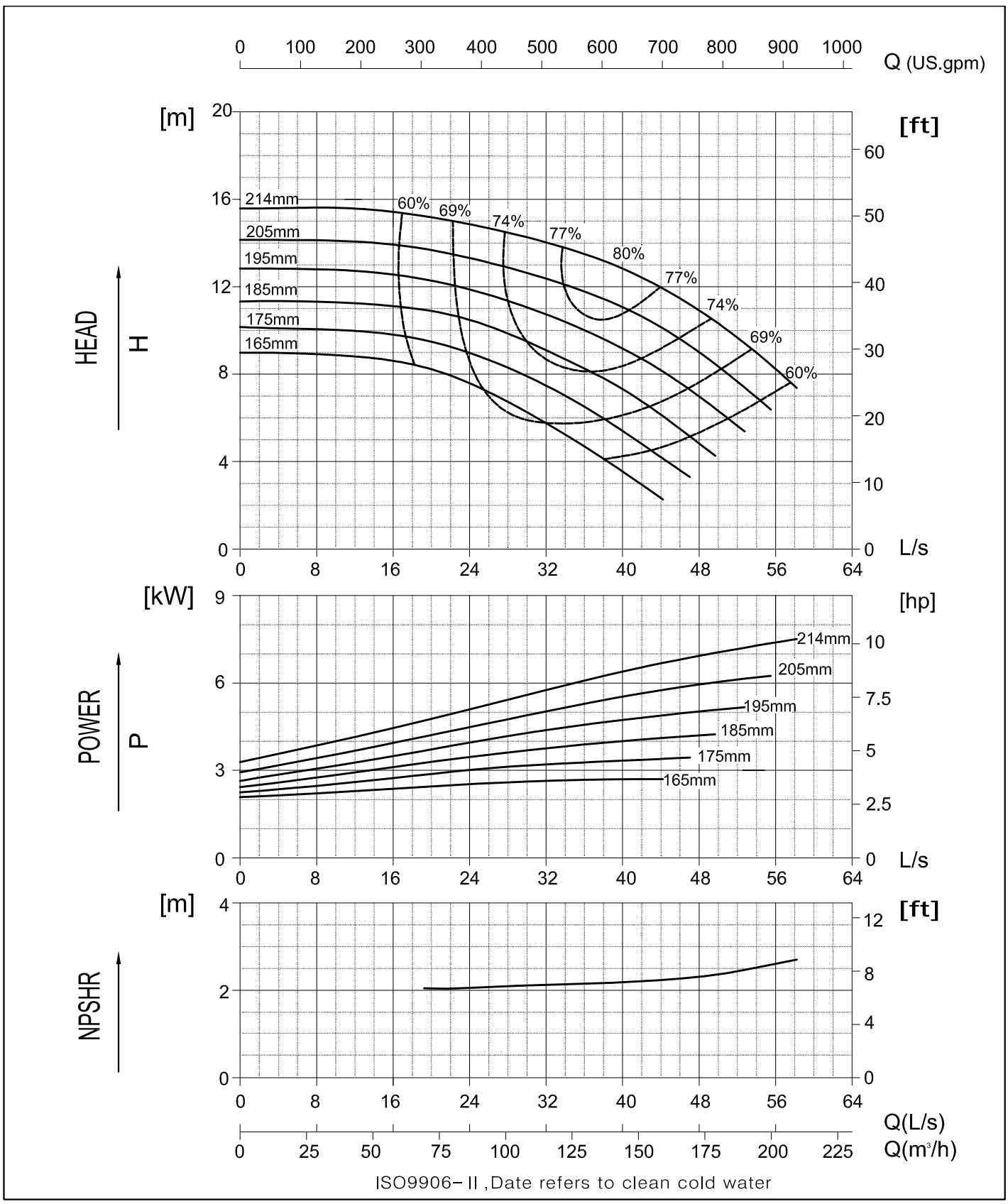
NW100-160

1450 RPM



NW100-200

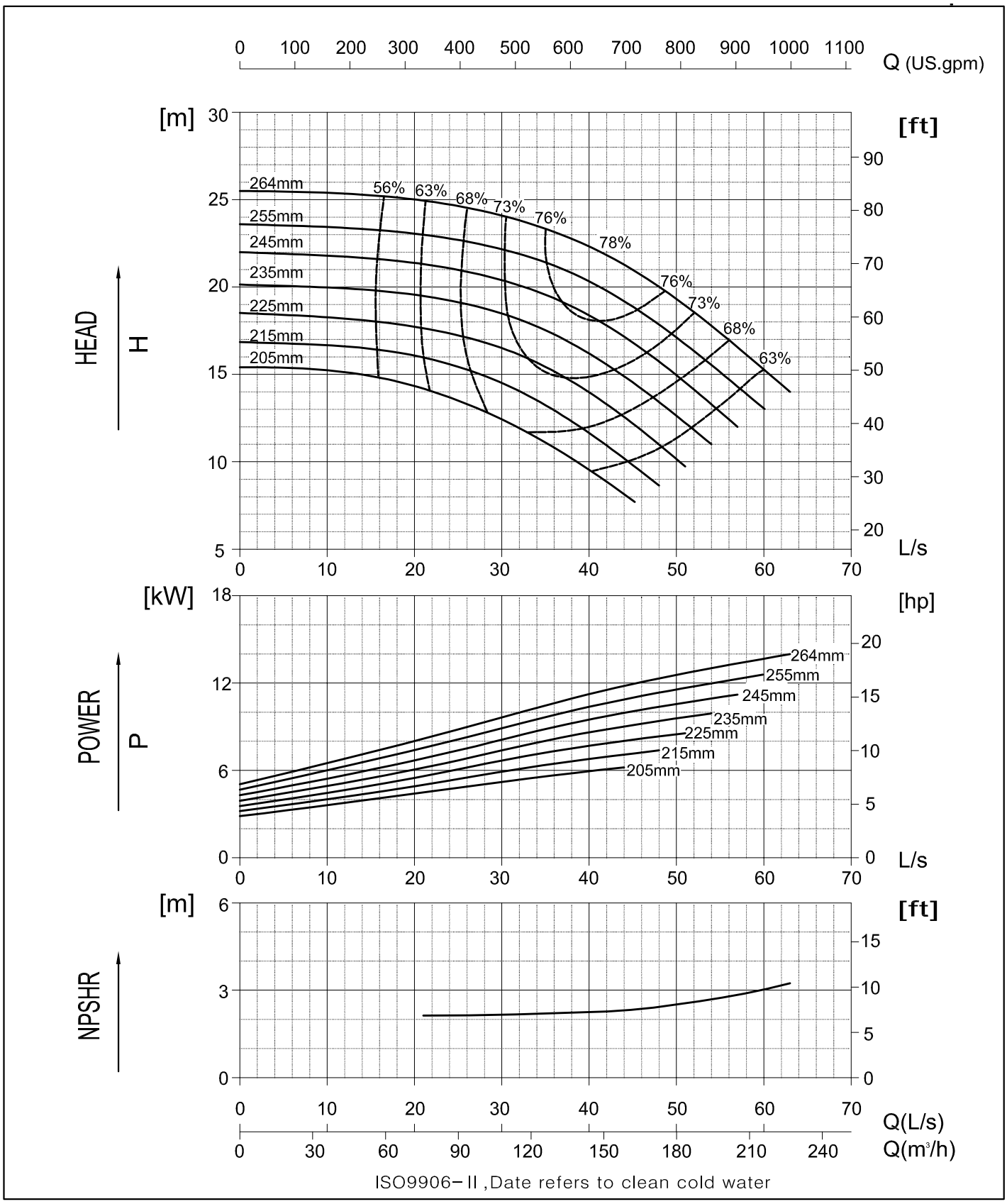
1450 RPM



ISO9906– II ,Date refers to clean cold water

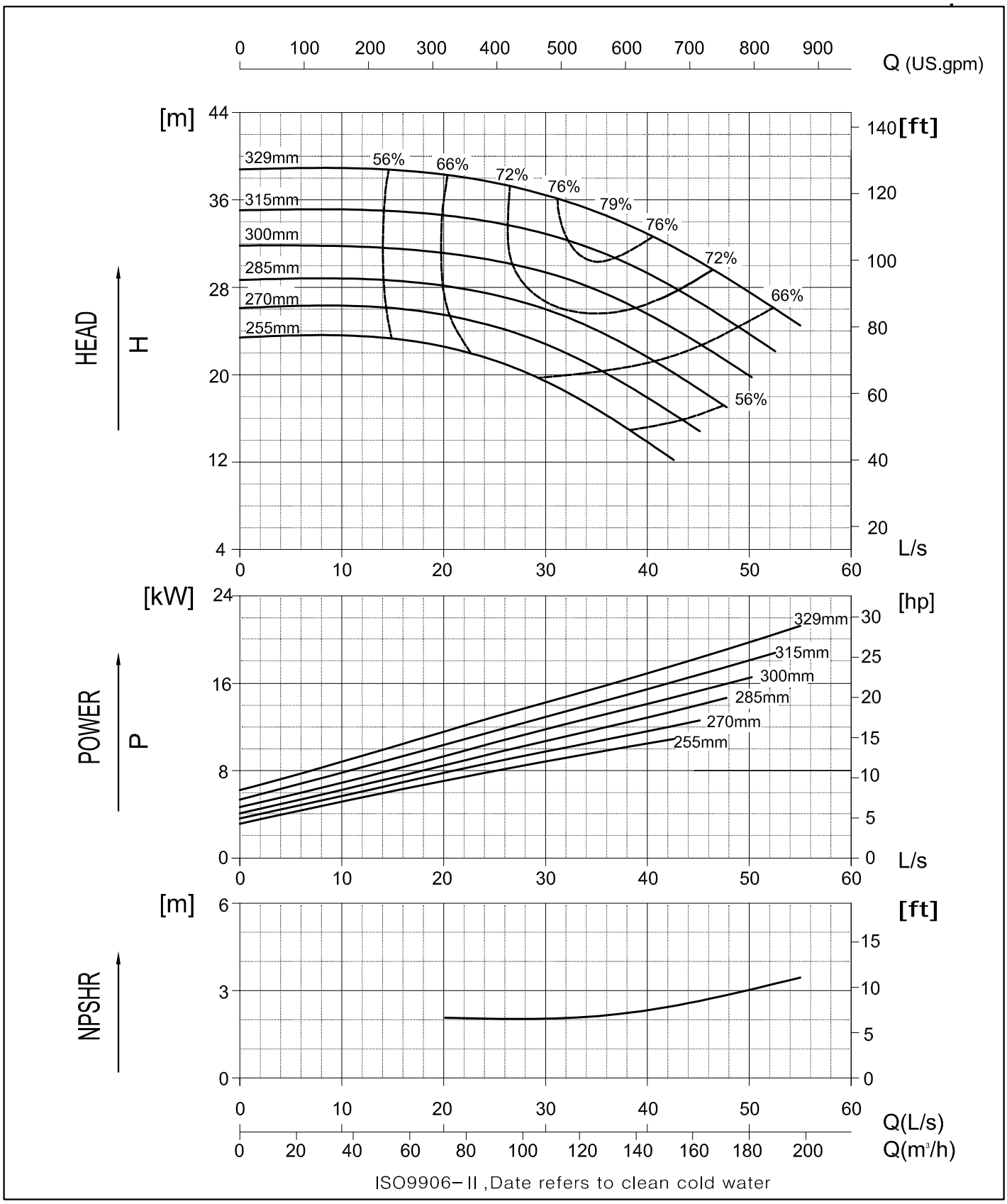
NW100-250

1450 RPM



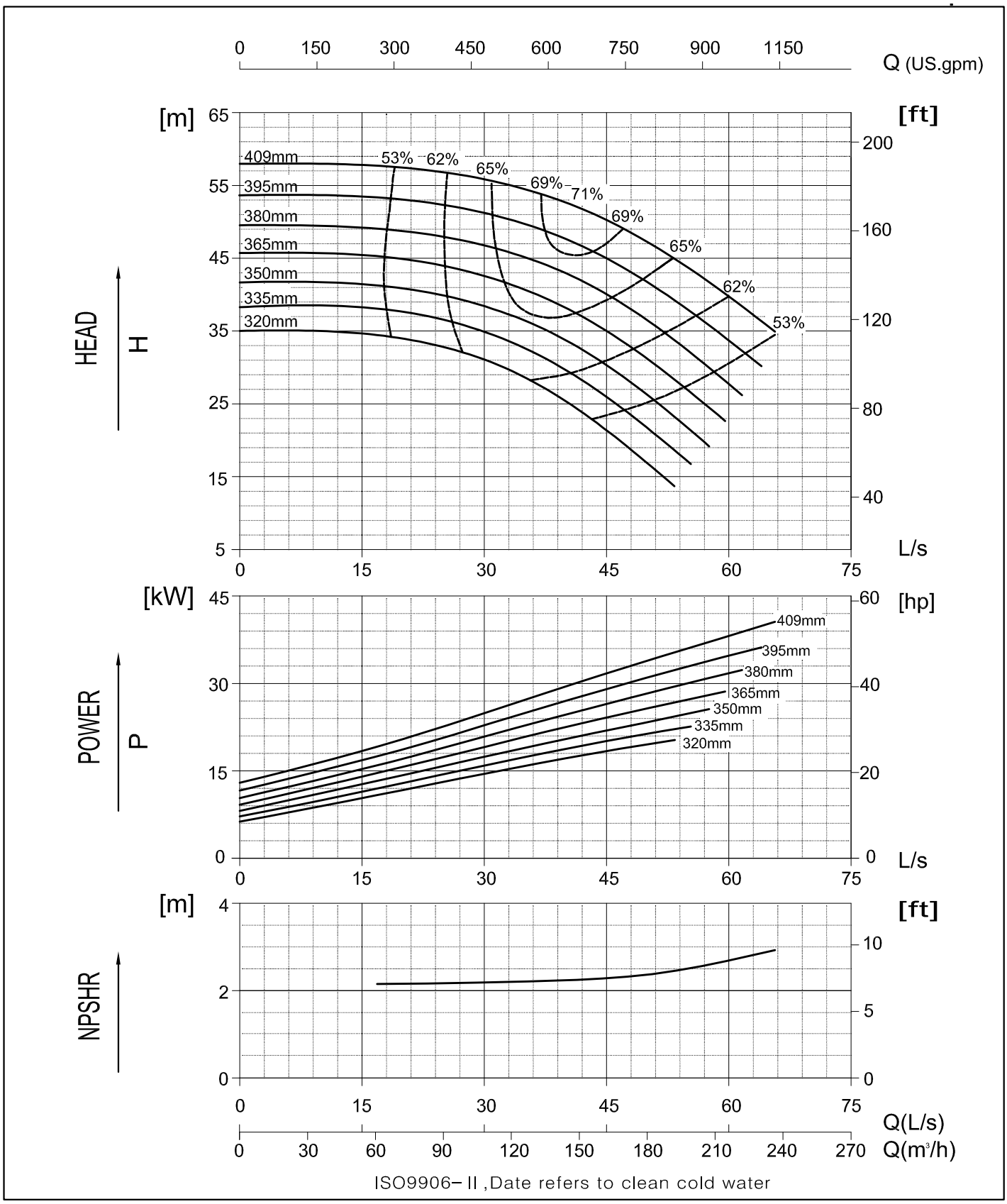
NW100-315

1450 RPM



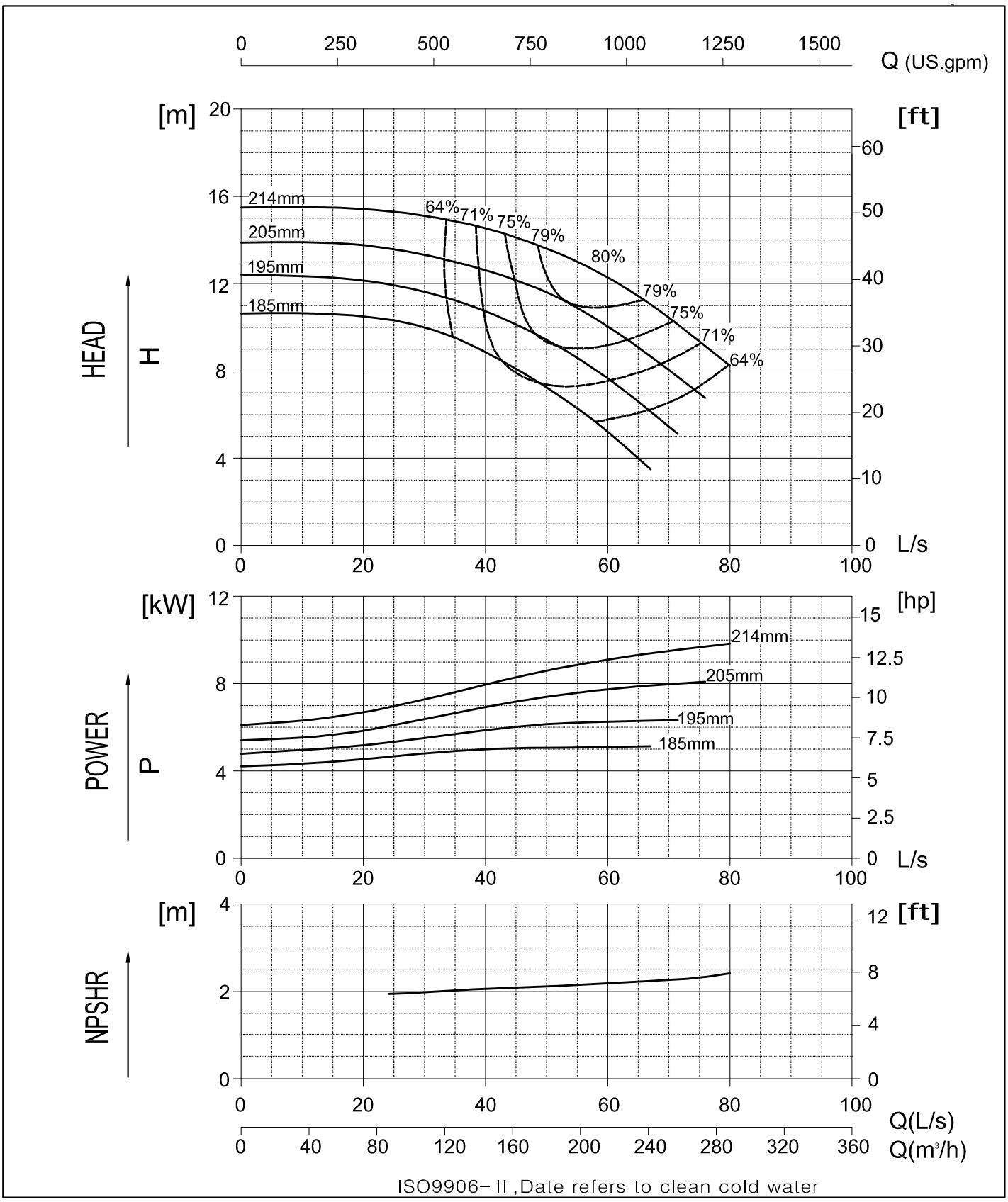
NW100-400

1450 RPM



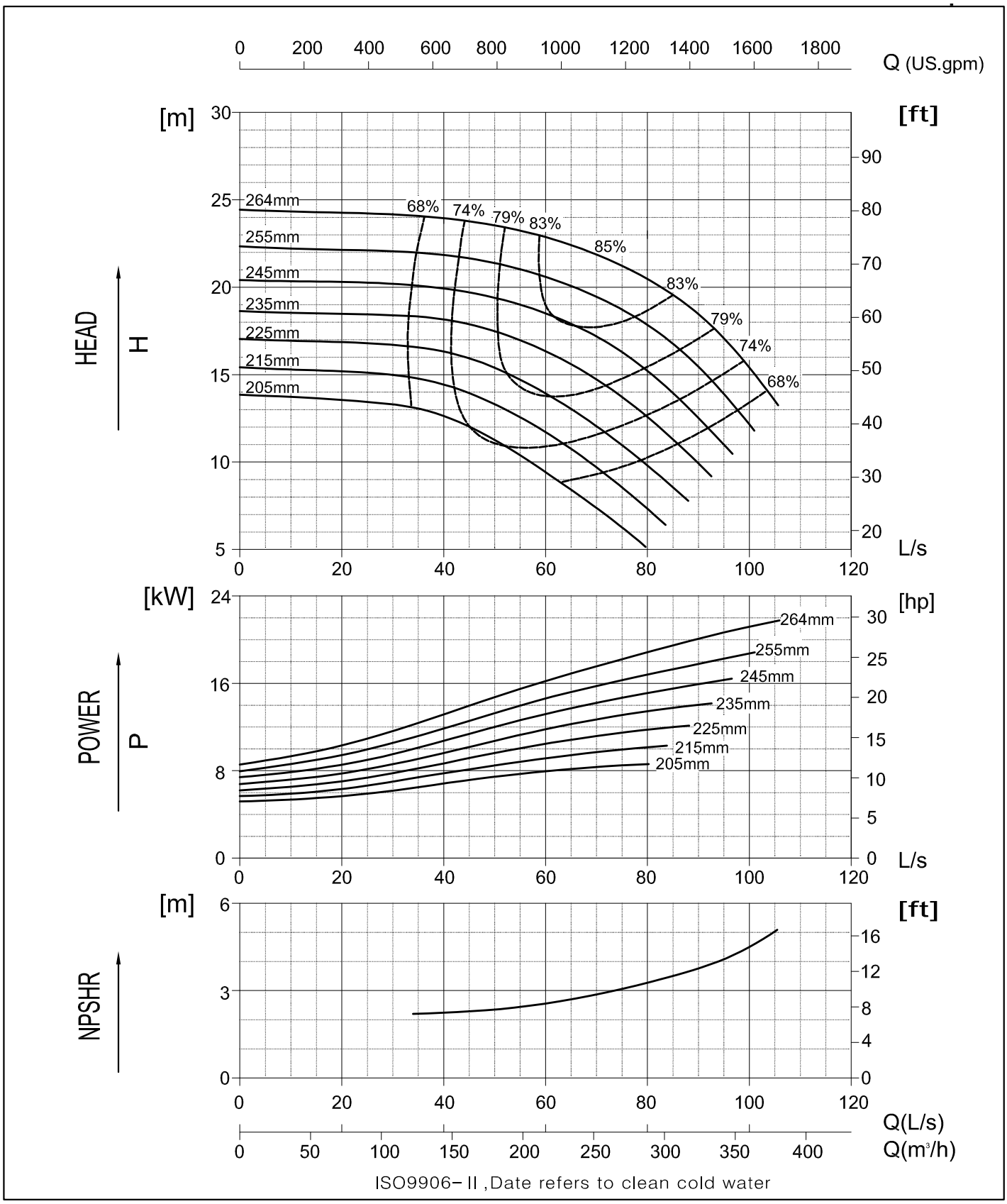
NW125-200

1450 RPM



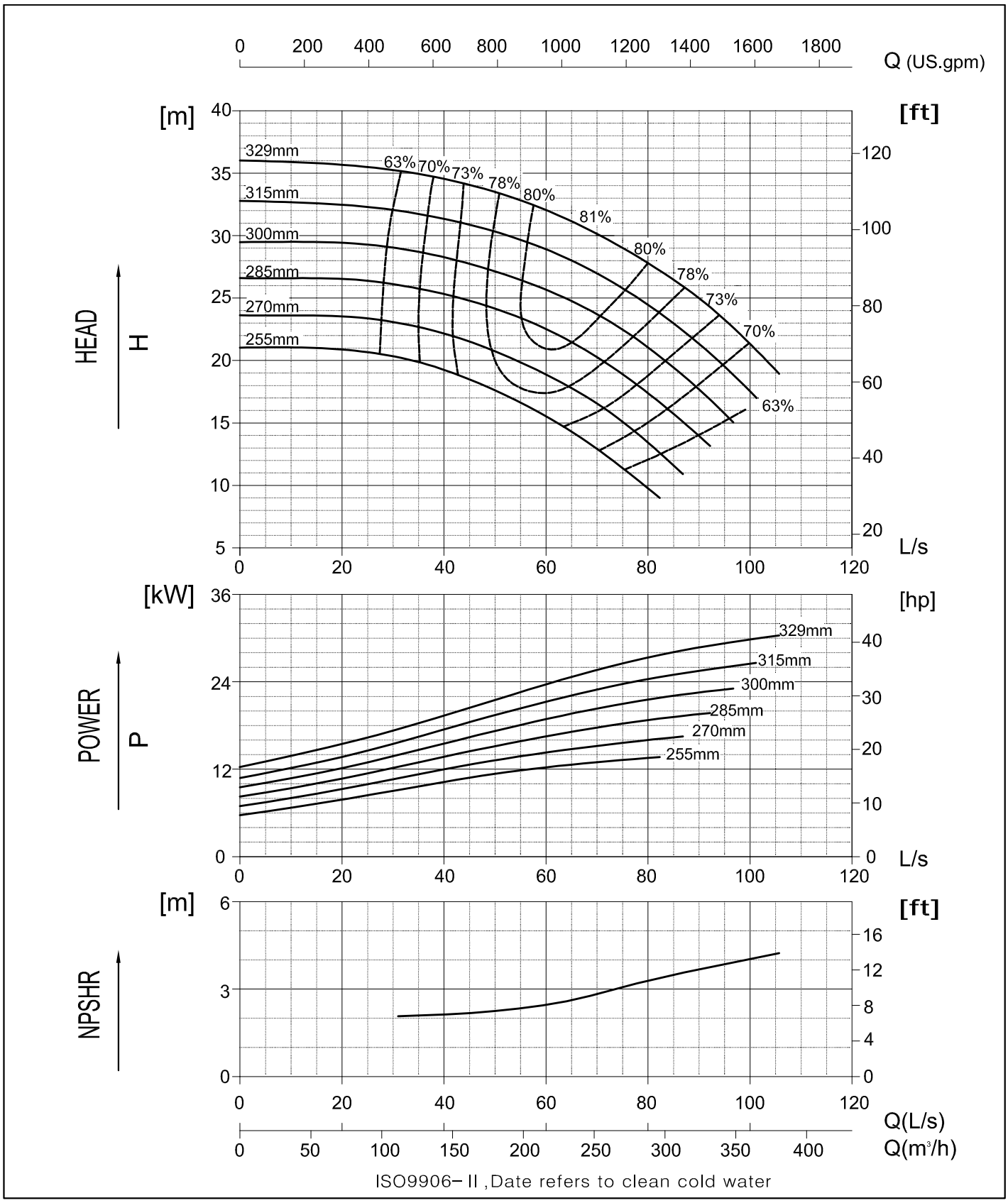
NW125-250

1450 RPM



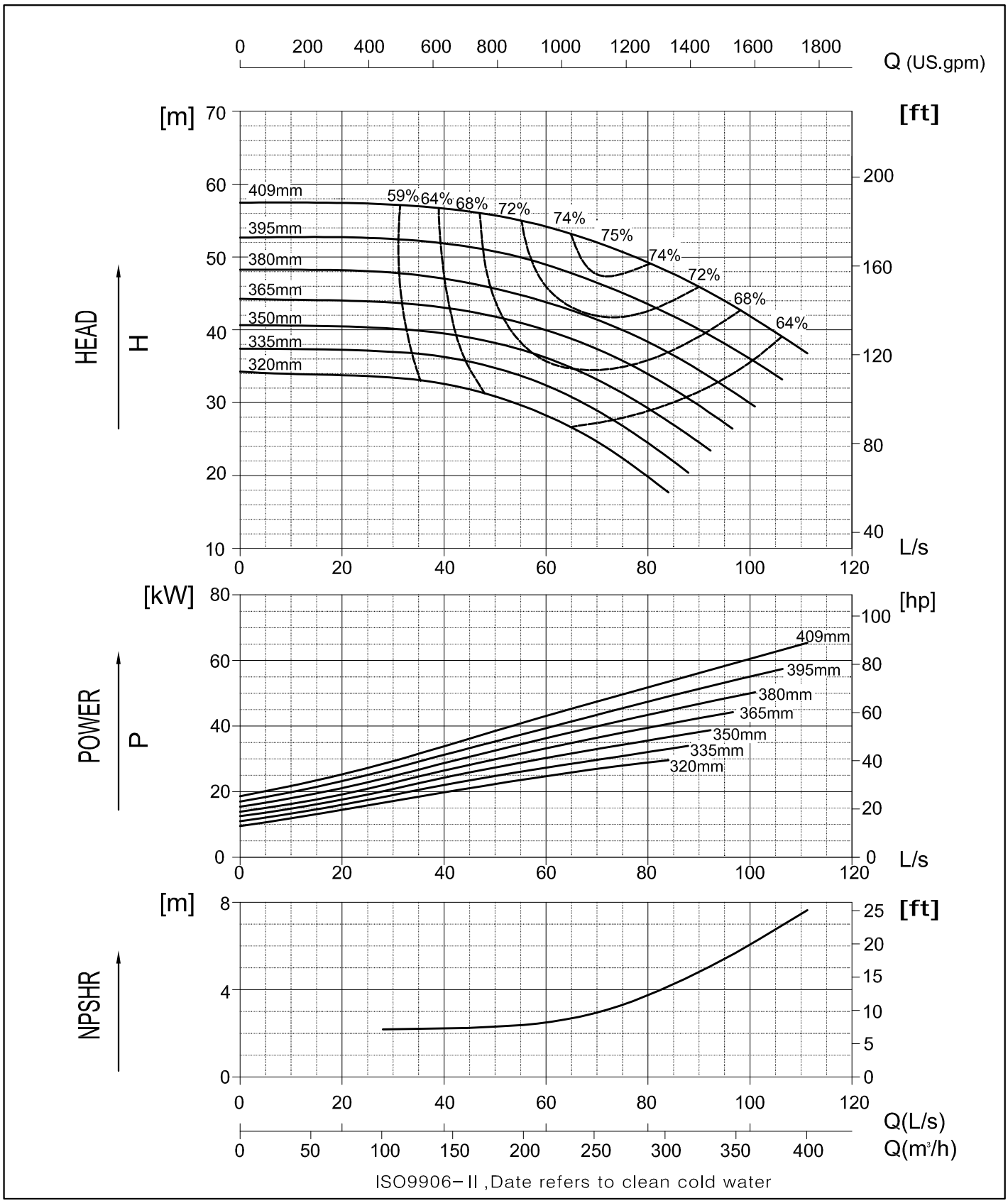
NW125-315

1450 RPM



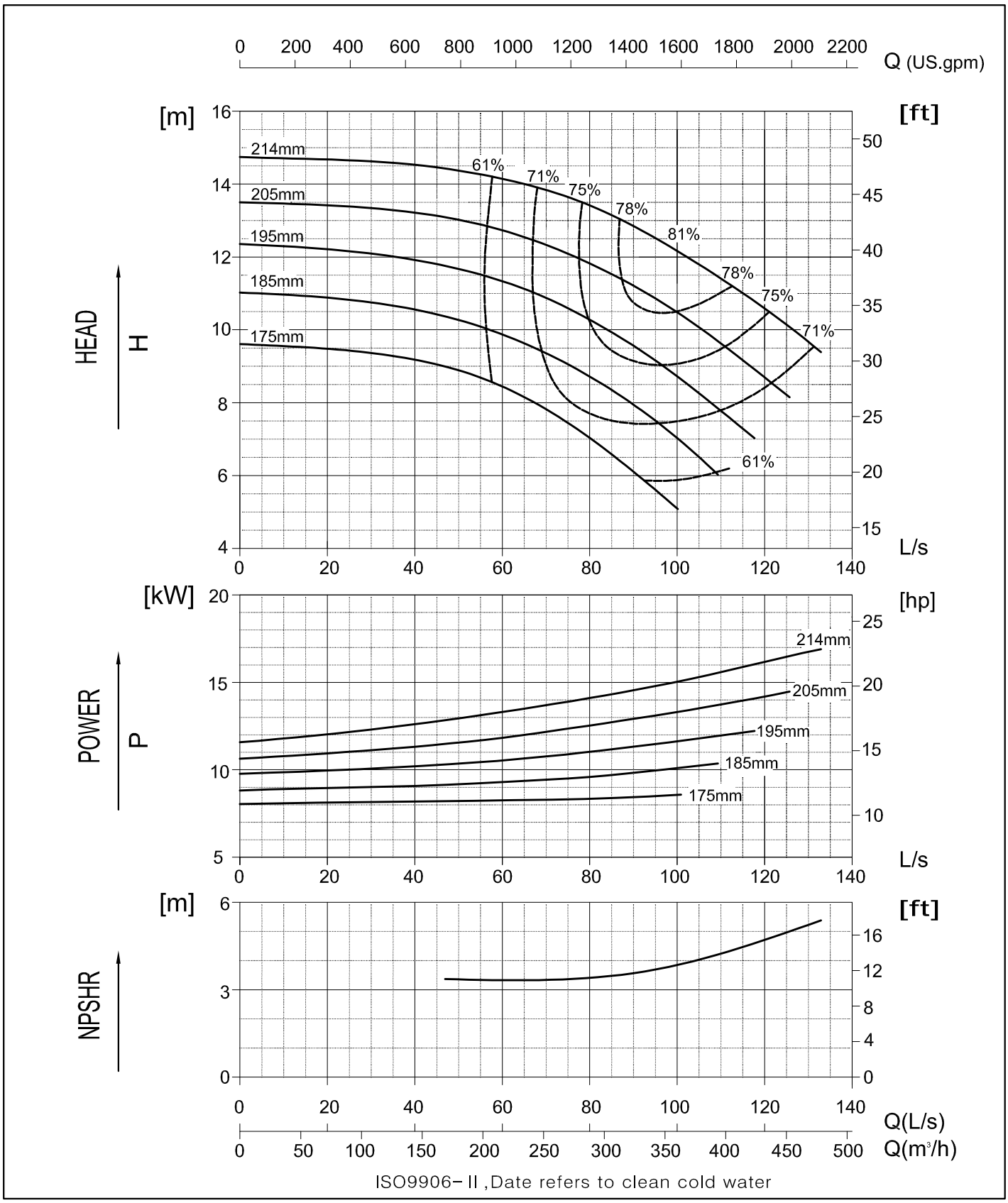
NW125-400

1450 RPM



NW150-200

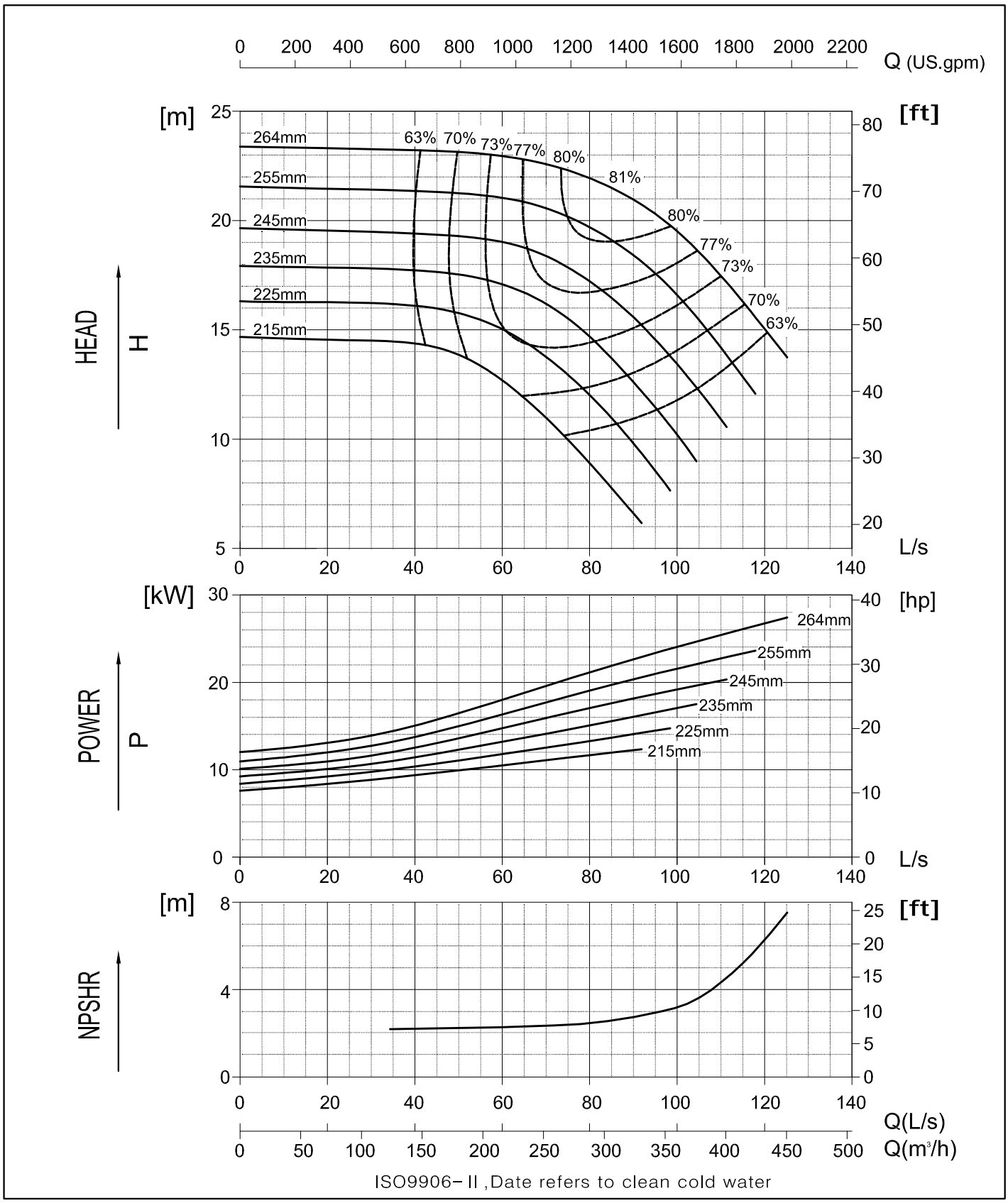
1450 RPM



ISO9906– II ,Date refers to clean cold water

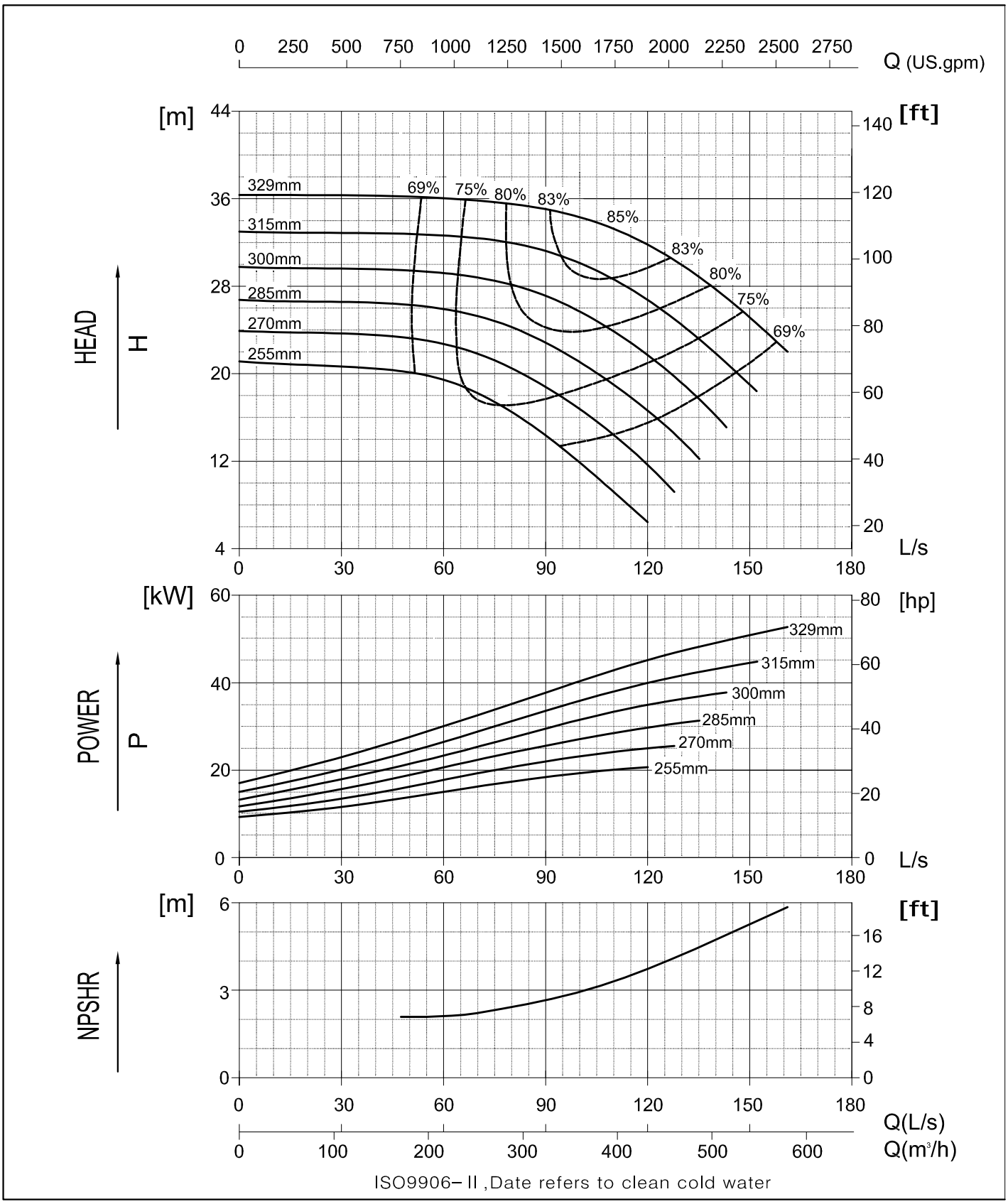
NW150-250

1450 RPM



NW150-315

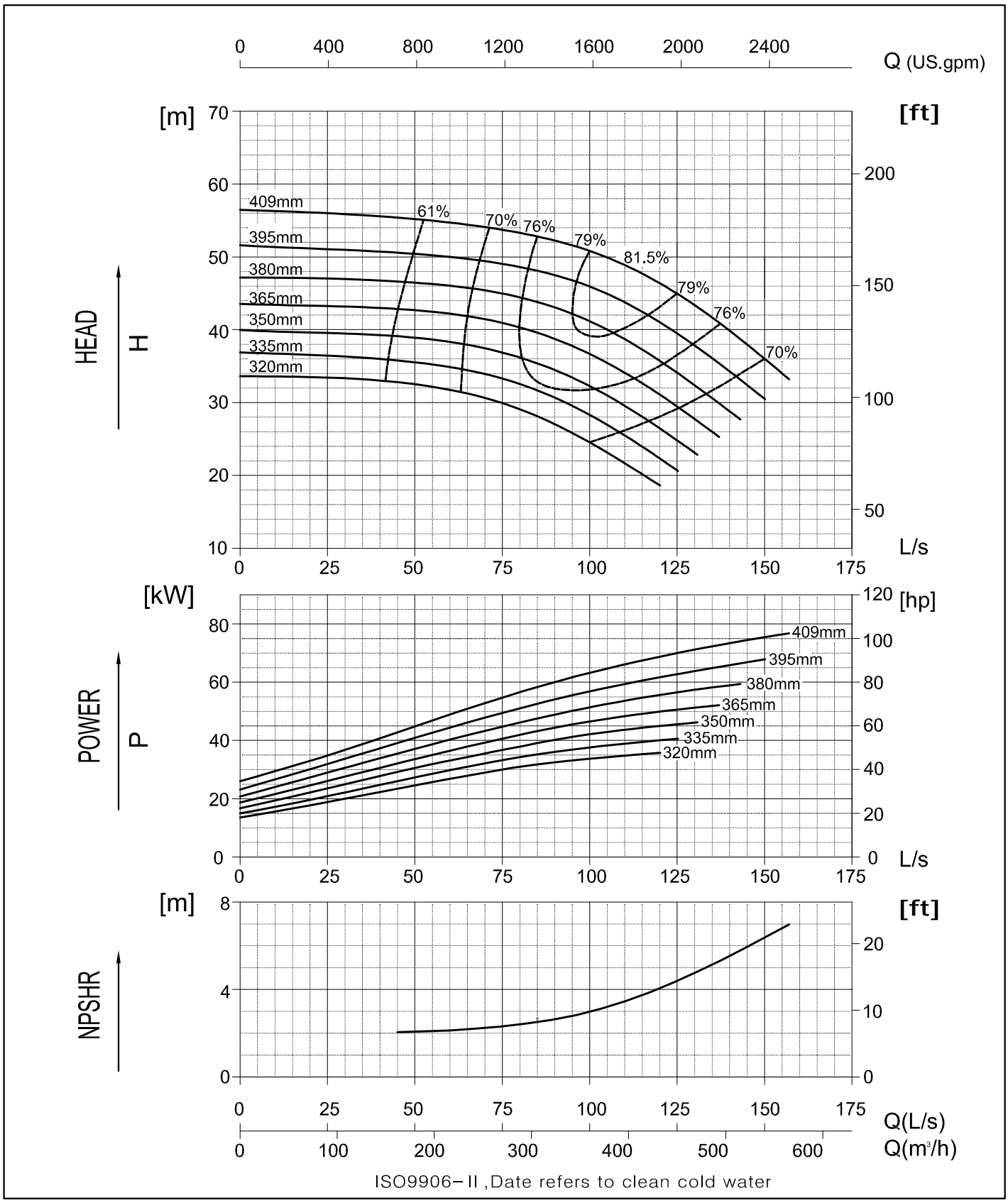
1450 RPM



ISO9906– II ,Date refers to clean cold water

NW150-400

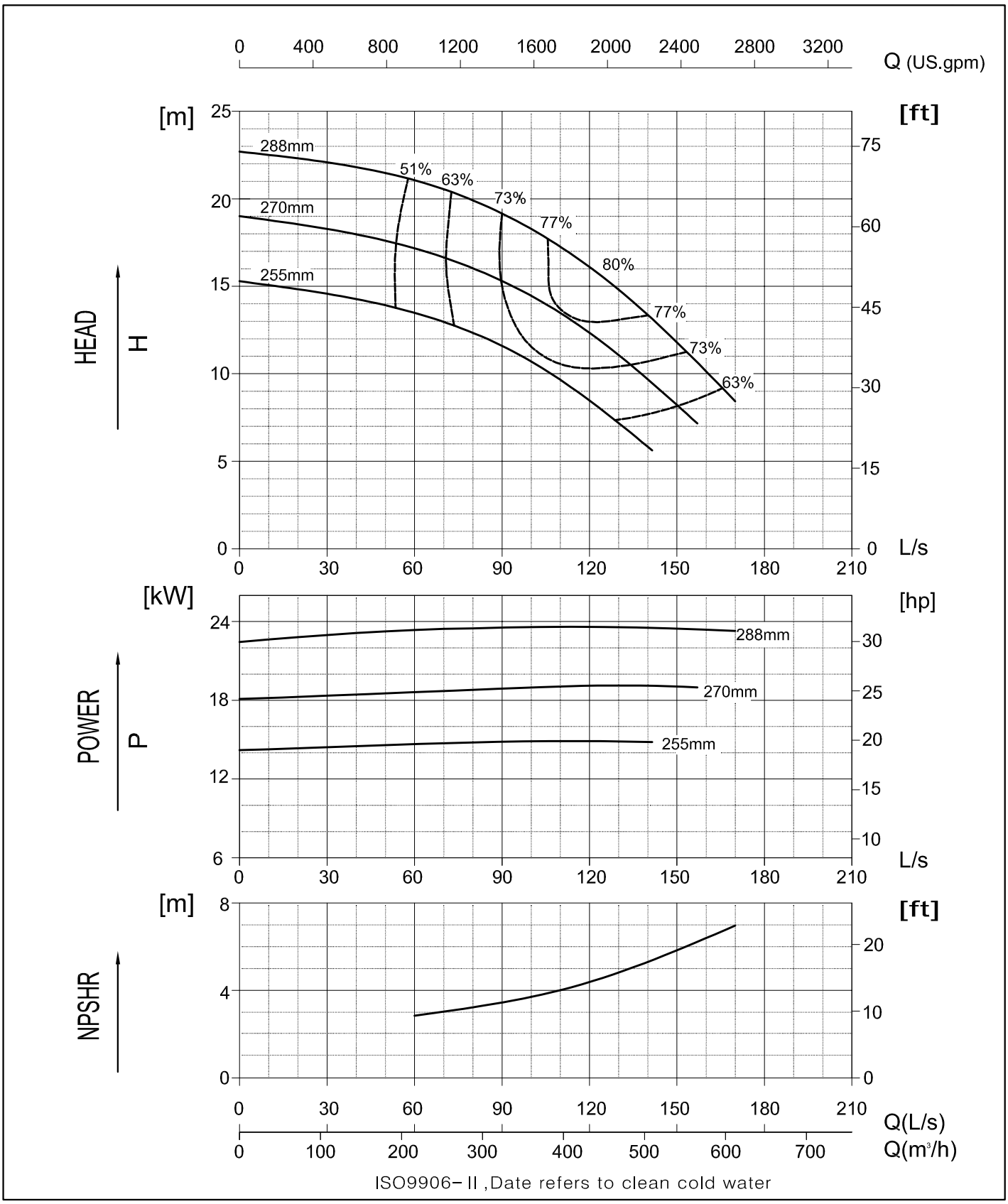
1450 RPM



ISO9906– II ,Date refers to clean cold water

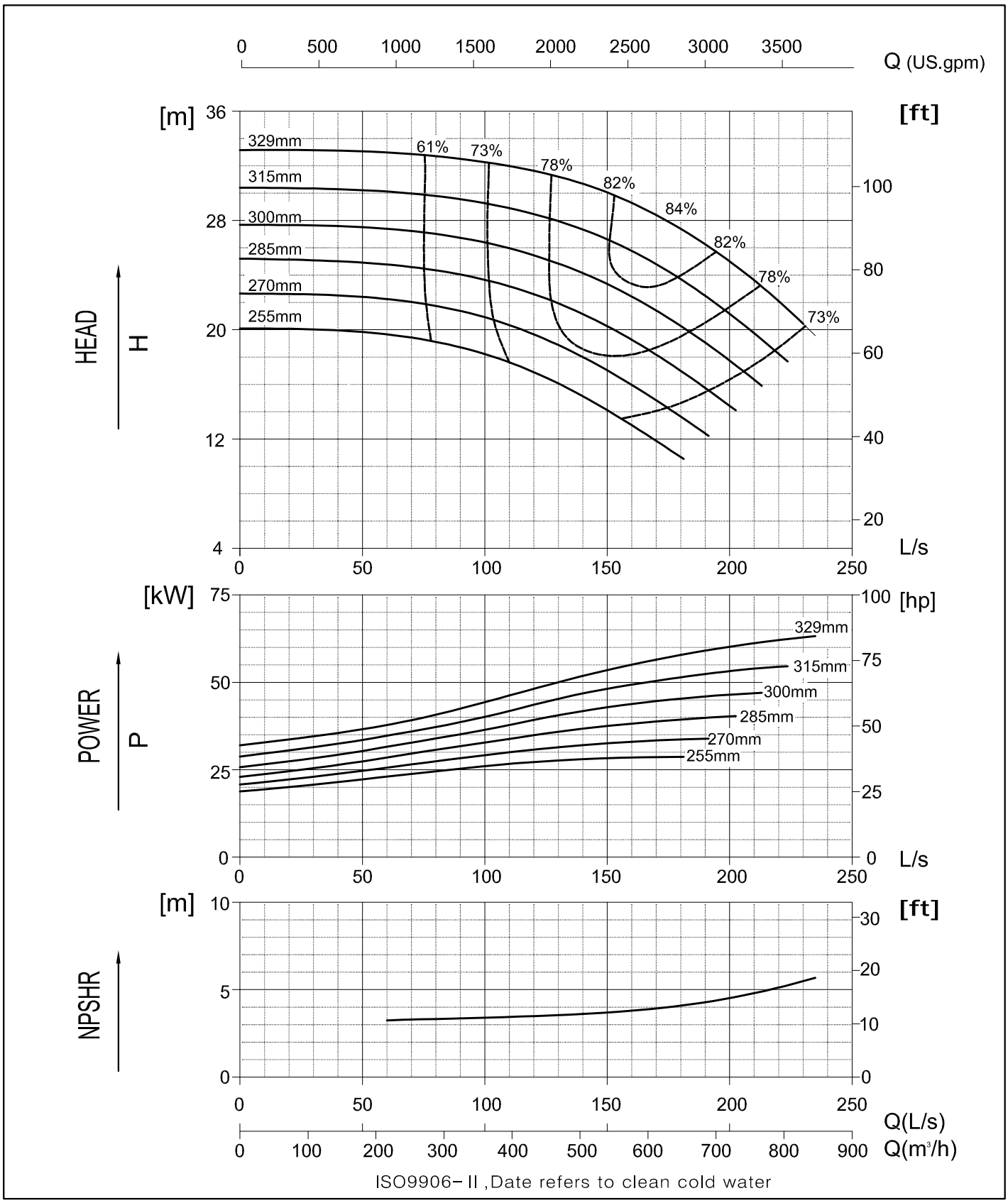
NW200-260

1450 RPM



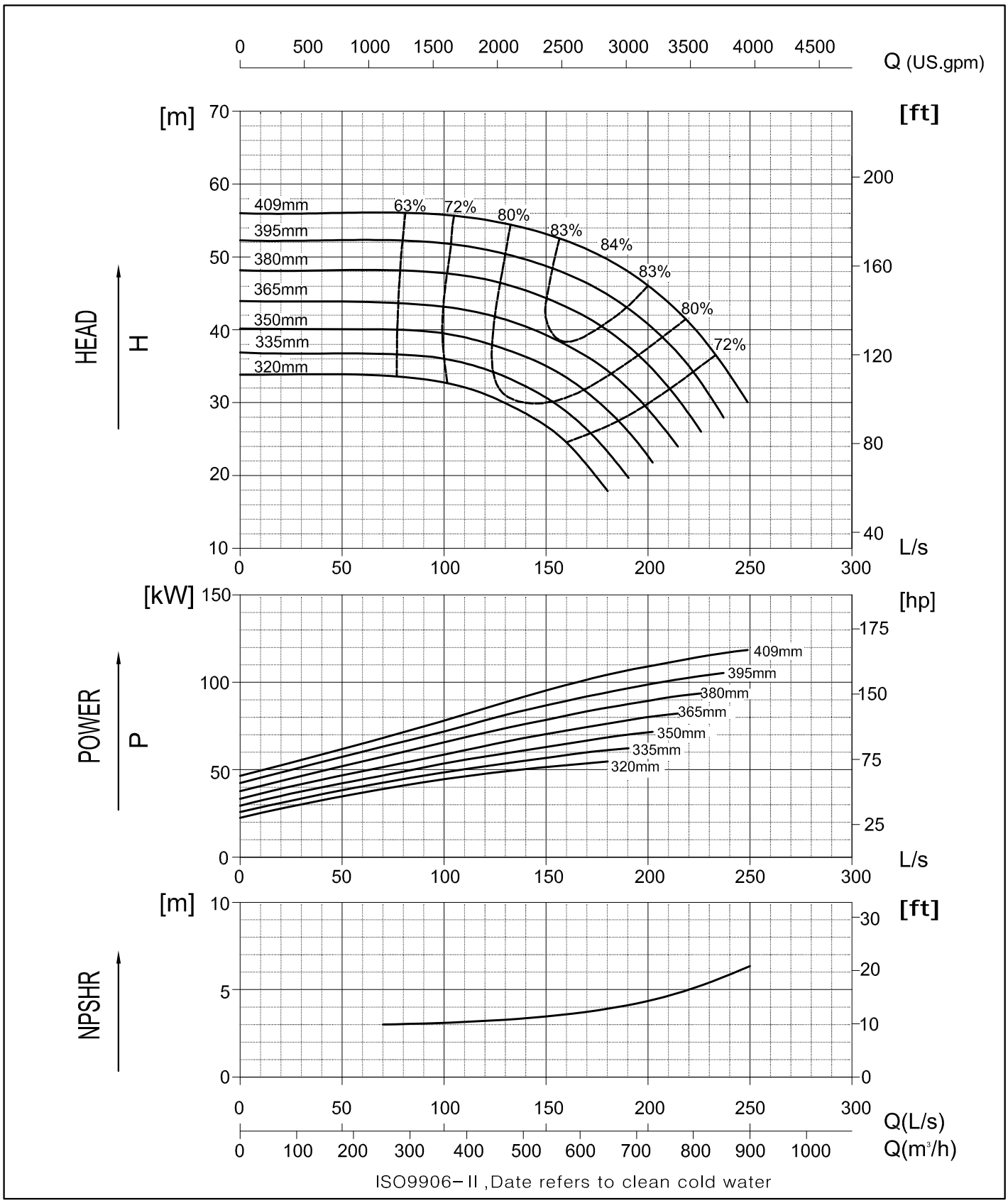
NW200-320

1450 RPM



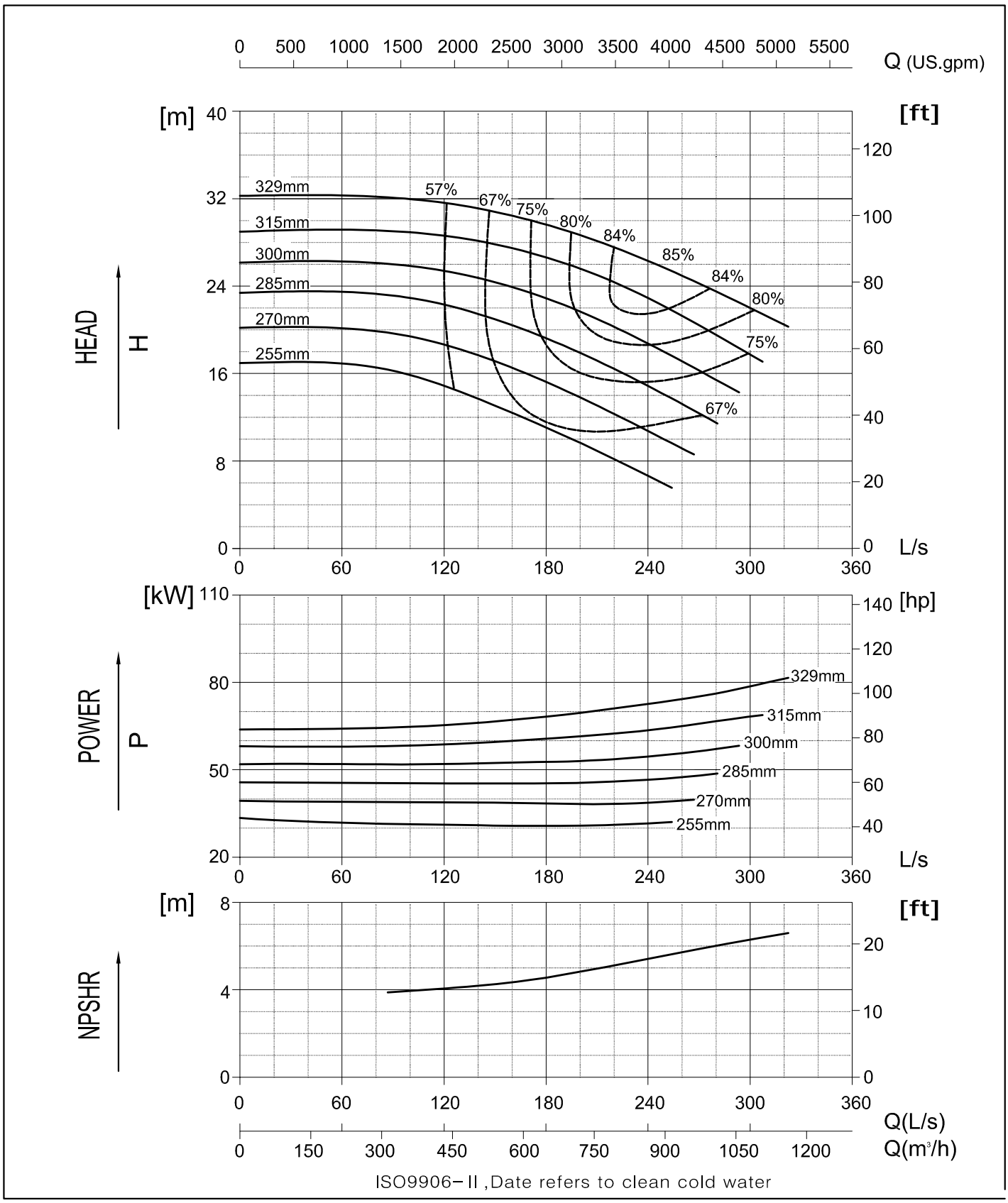
NW200-400

1450 RPM



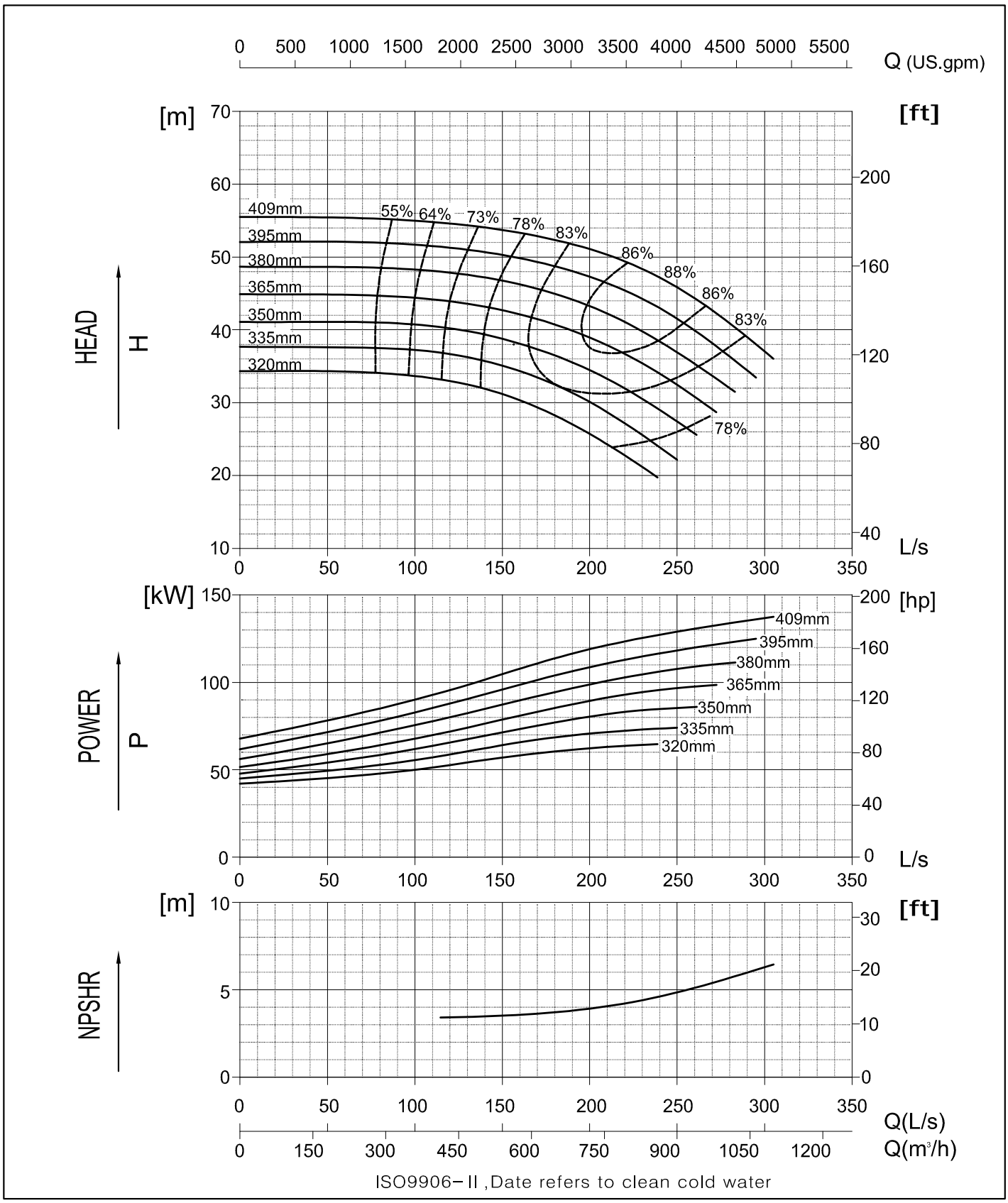
NW250-320

1450 RPM



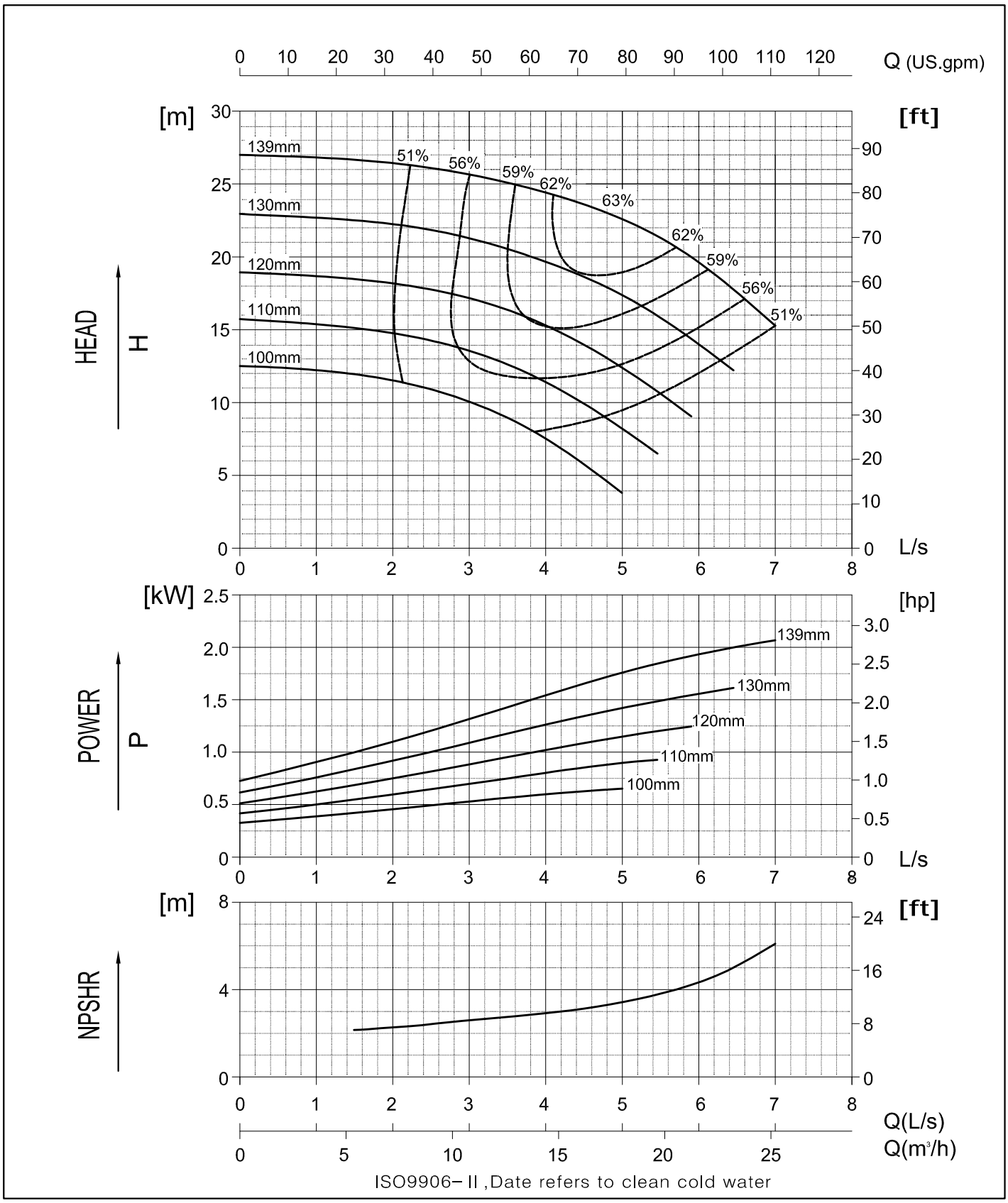
NW250-400

1450 RPM



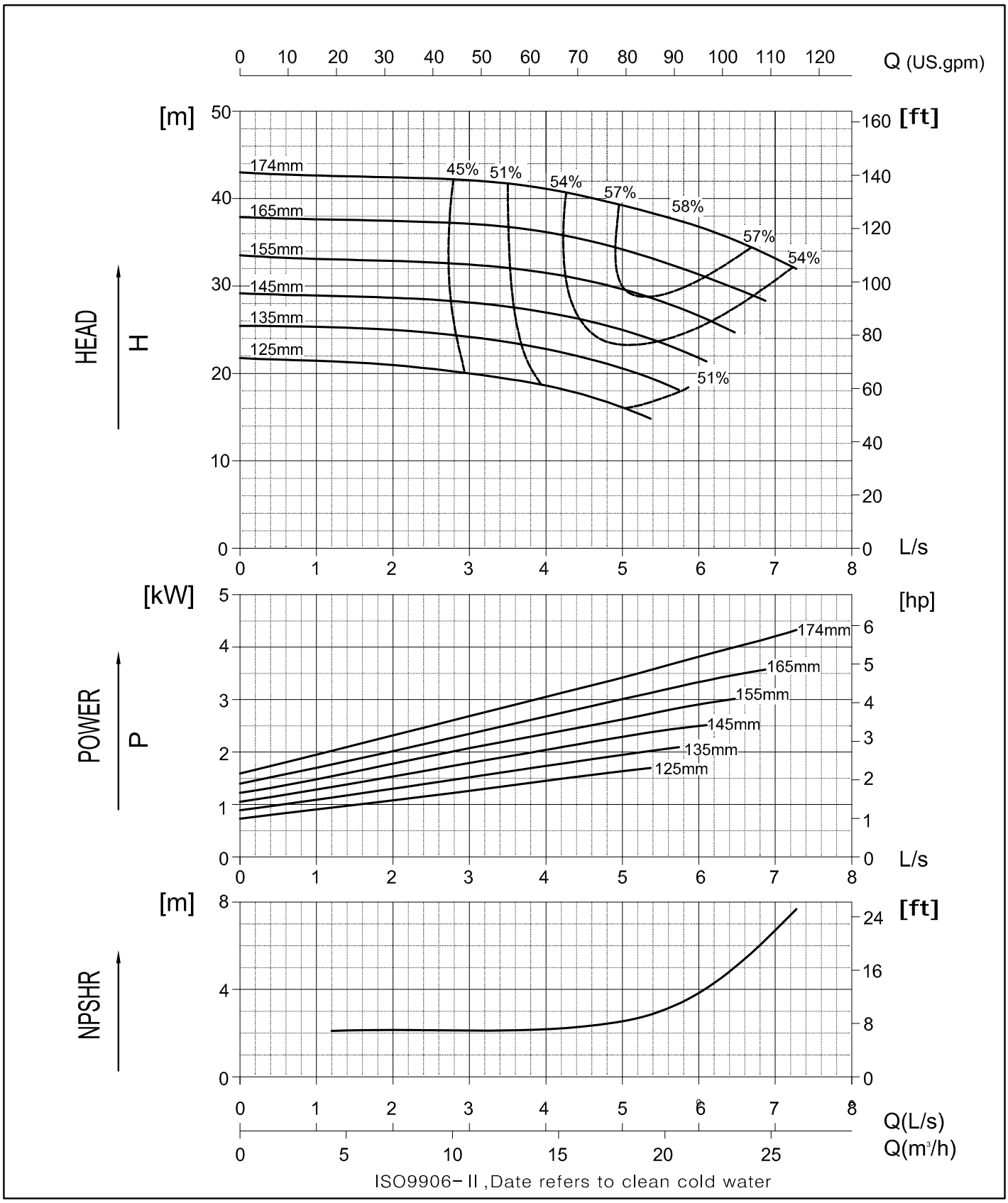
NW32-160

2900 RPM



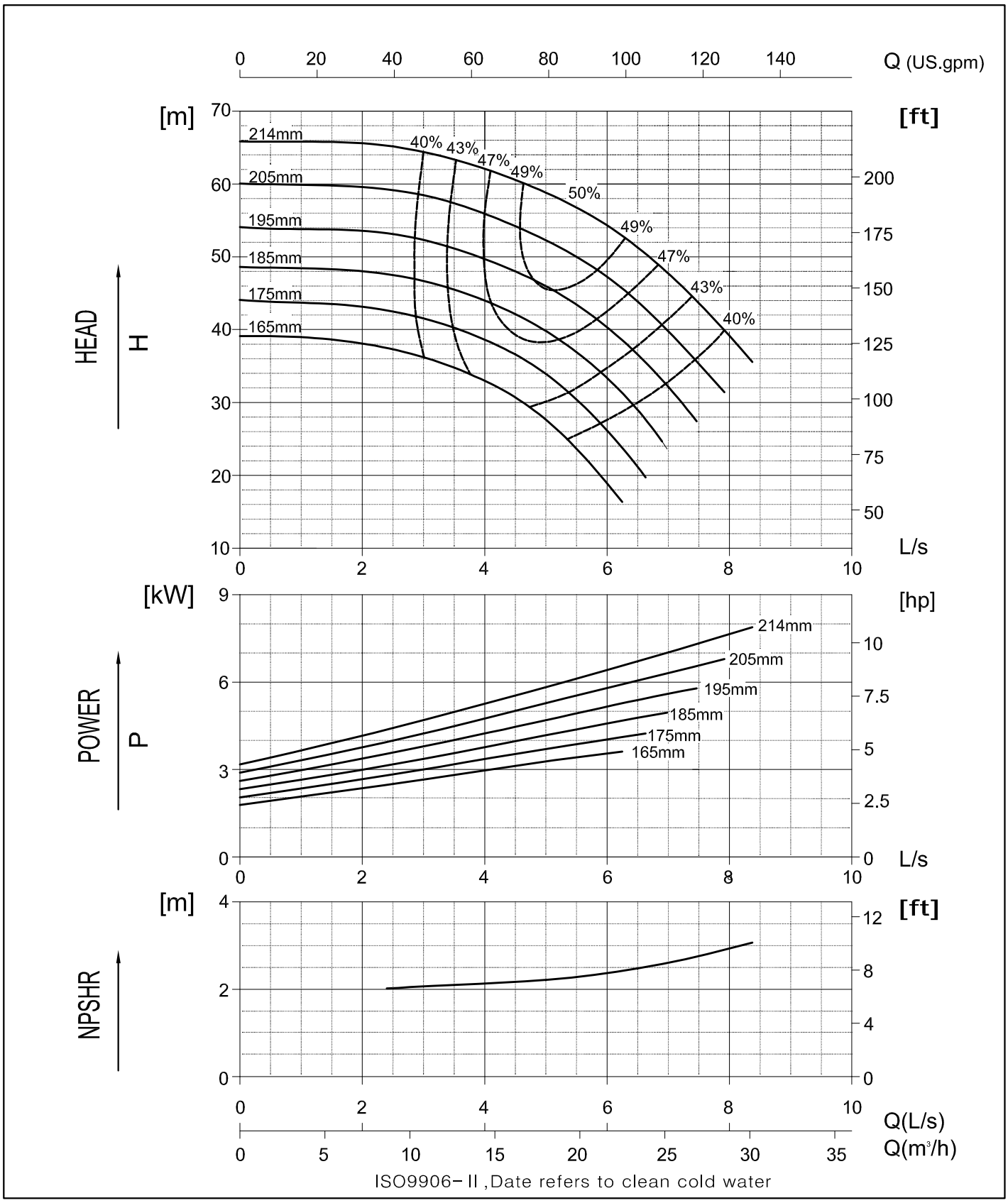
NW32-160

2900 RPM



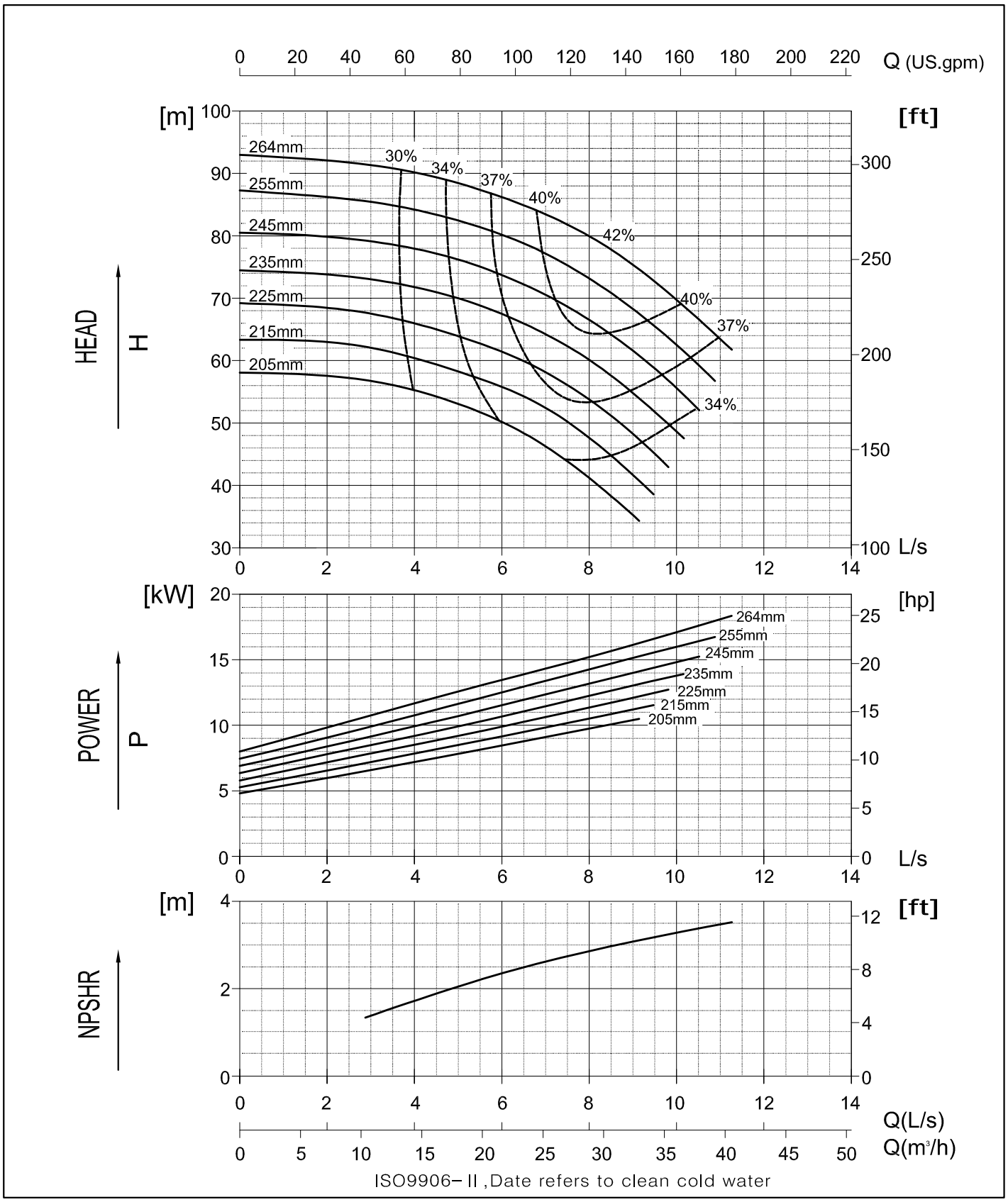
NW32-200

2900 RPM



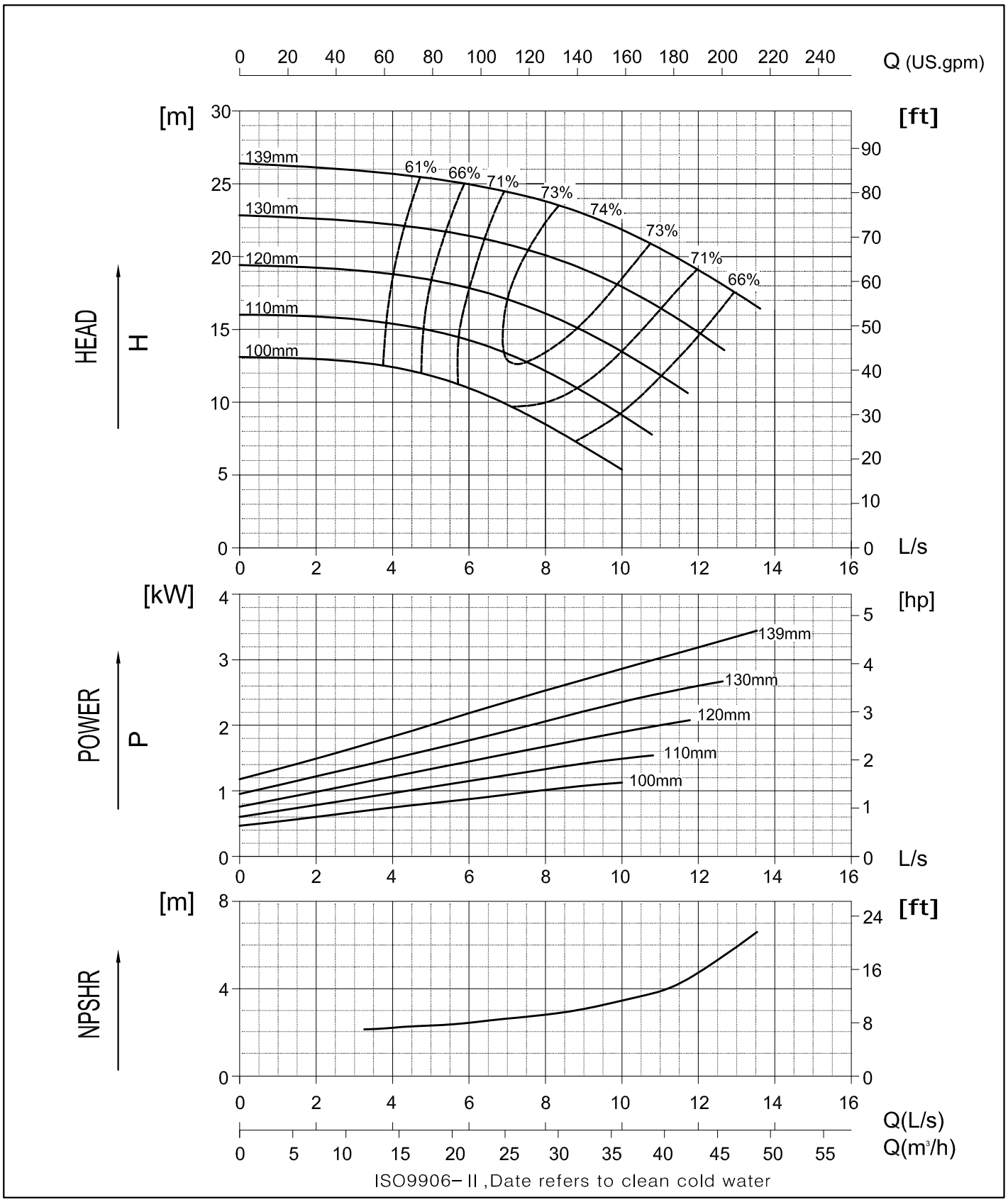
NW32-250

2900 RPM



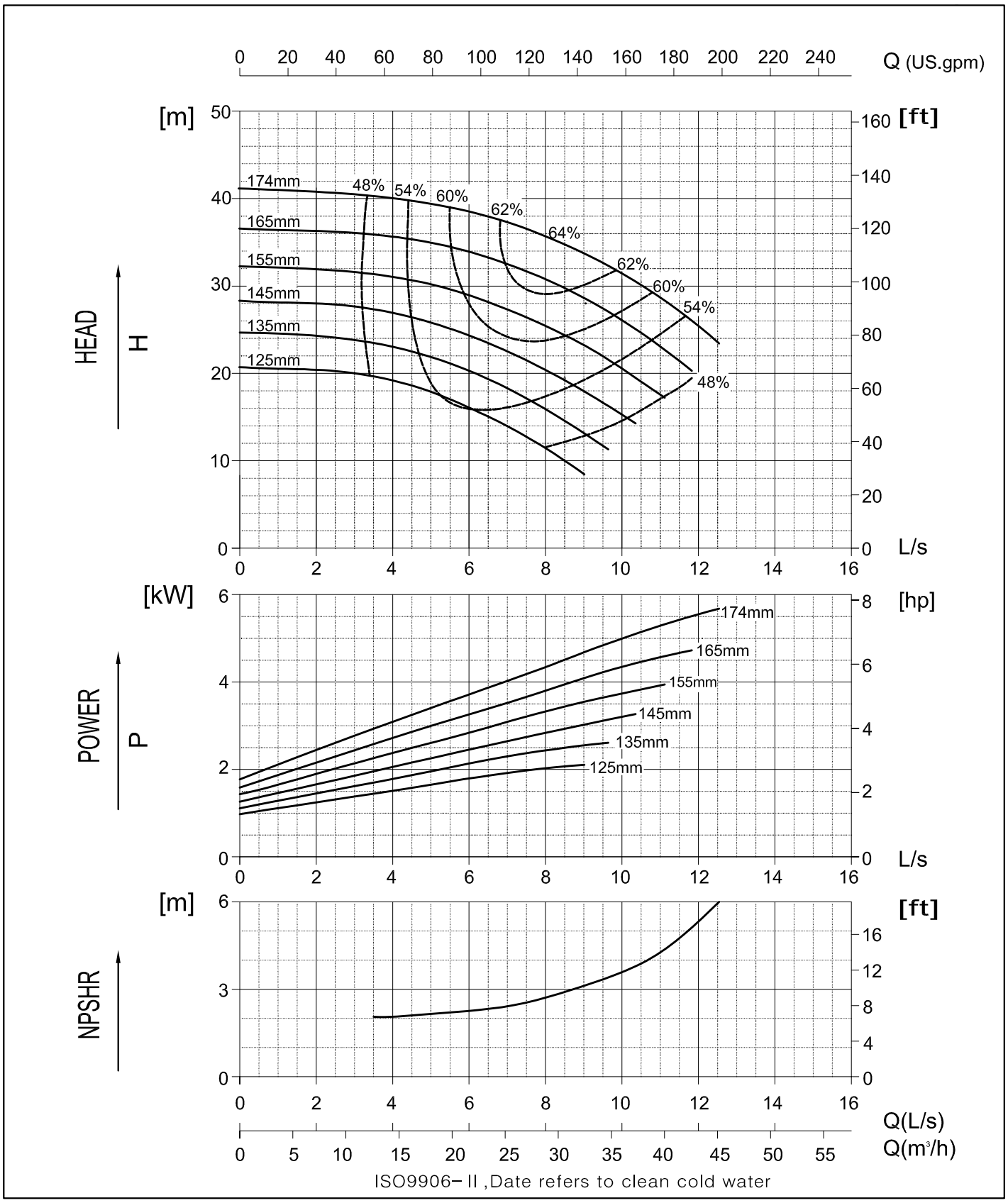
NW40-125

2900 RPM



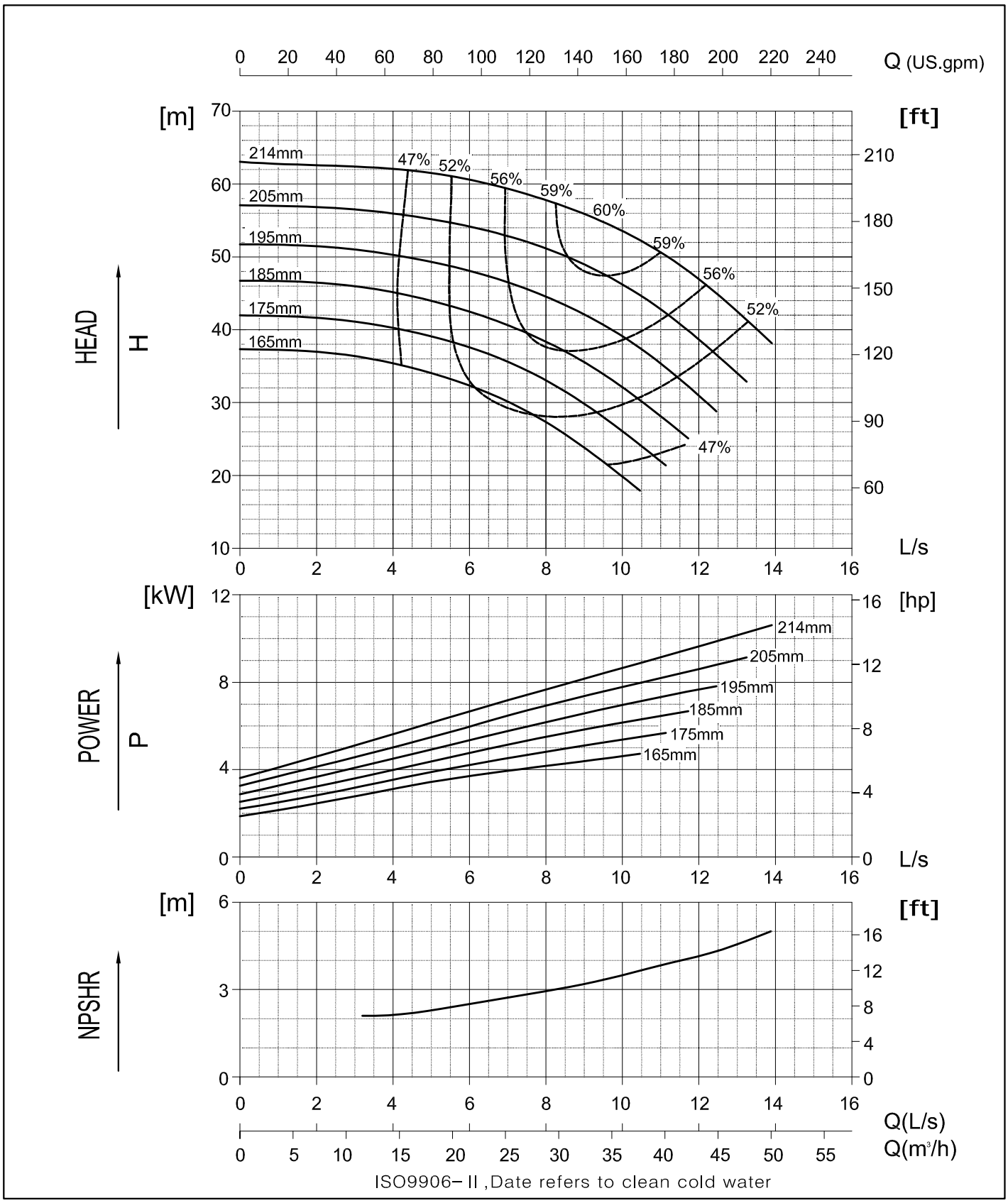
NW40-160

2900 RPM



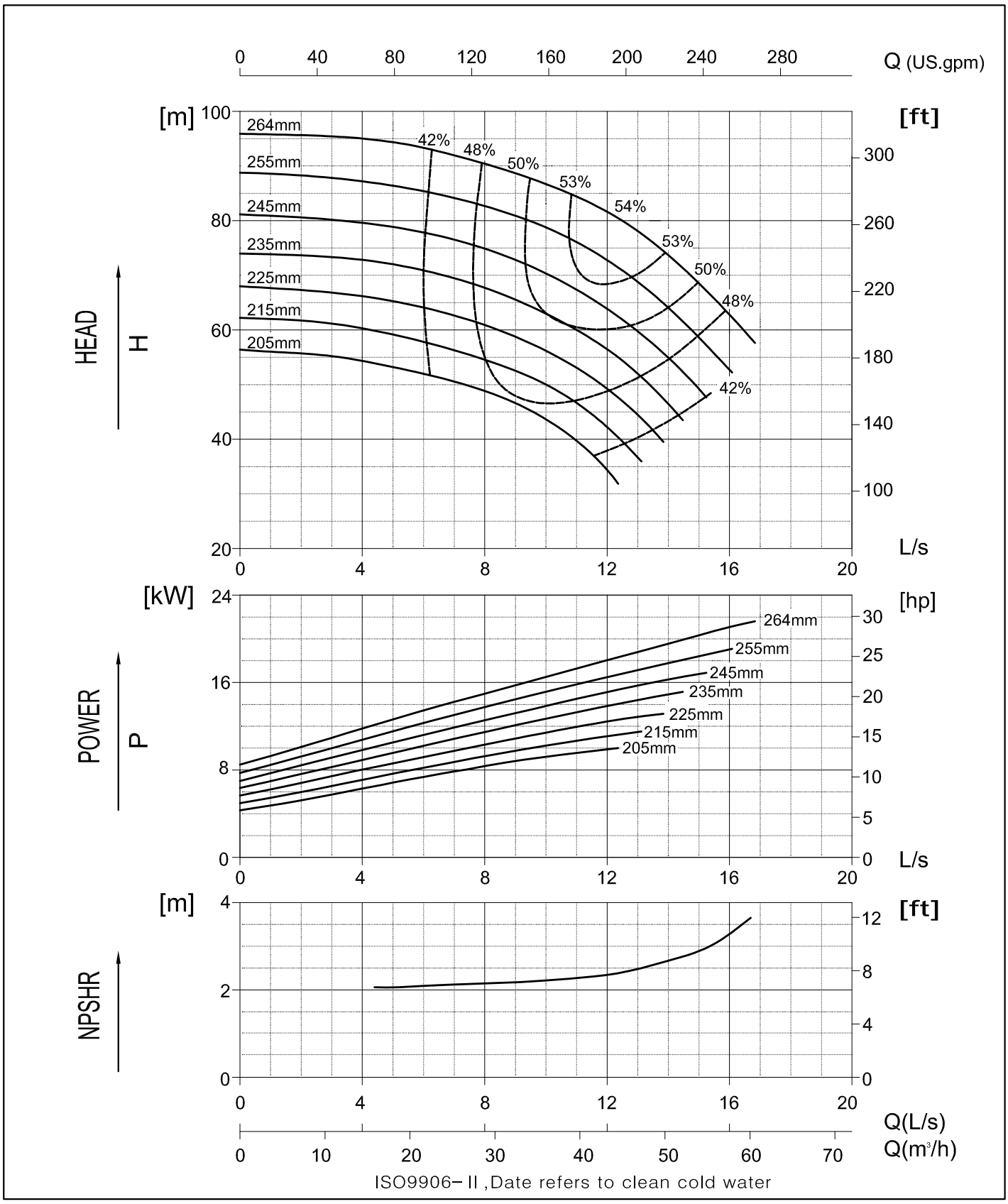
NW40-200

2900 RPM



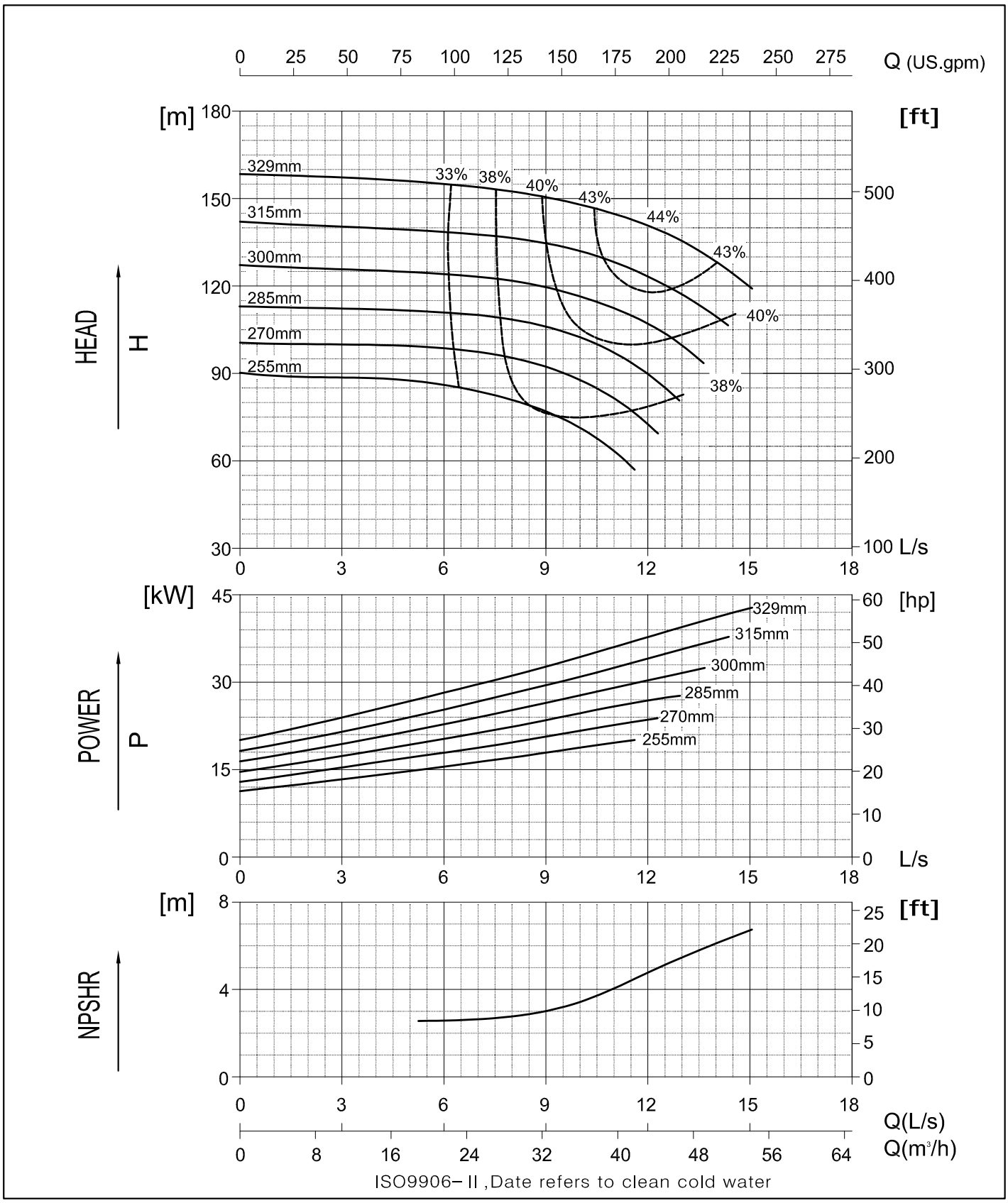
NW40-250

2900 RPM



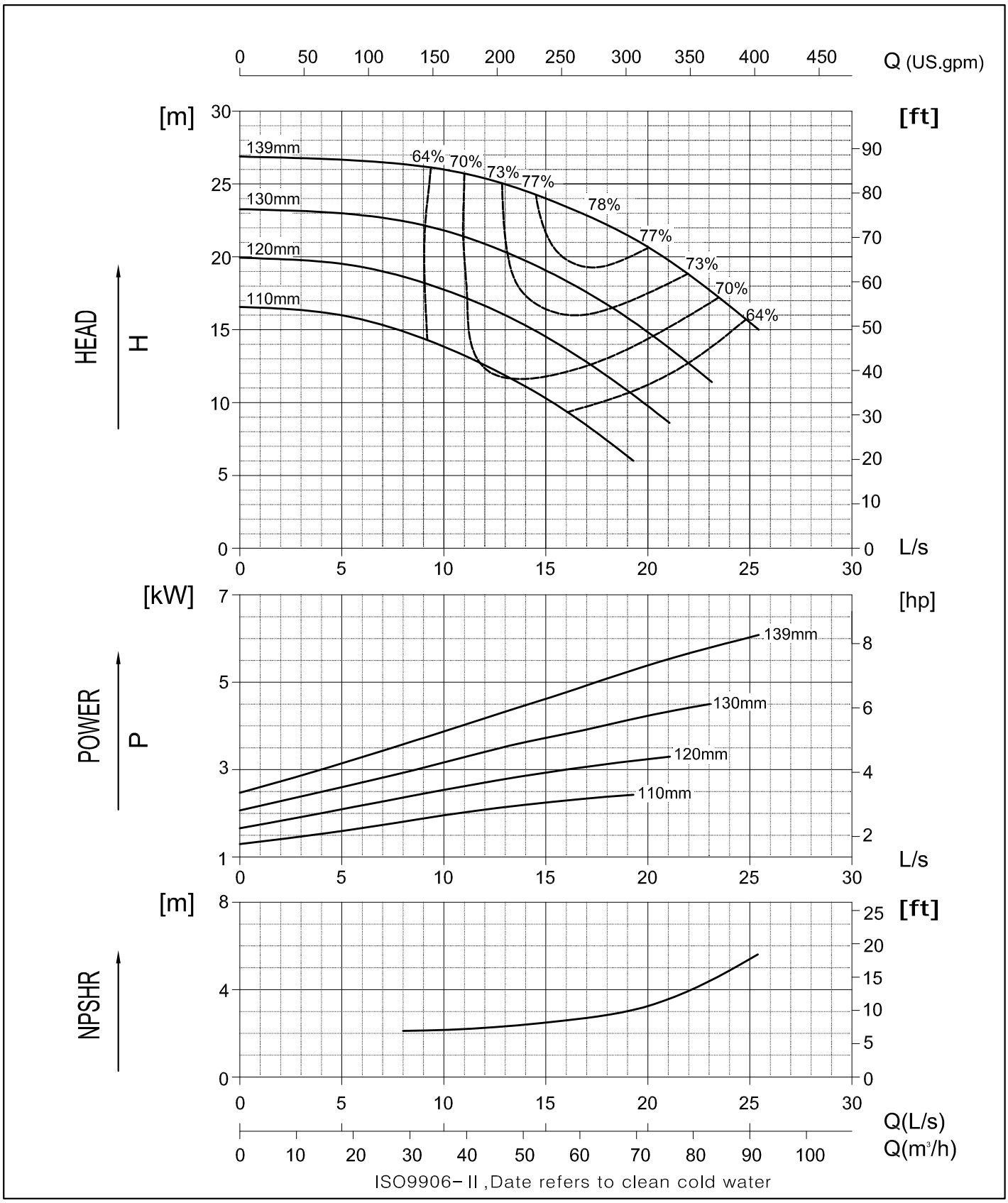
NW40-315G

2900 RPM



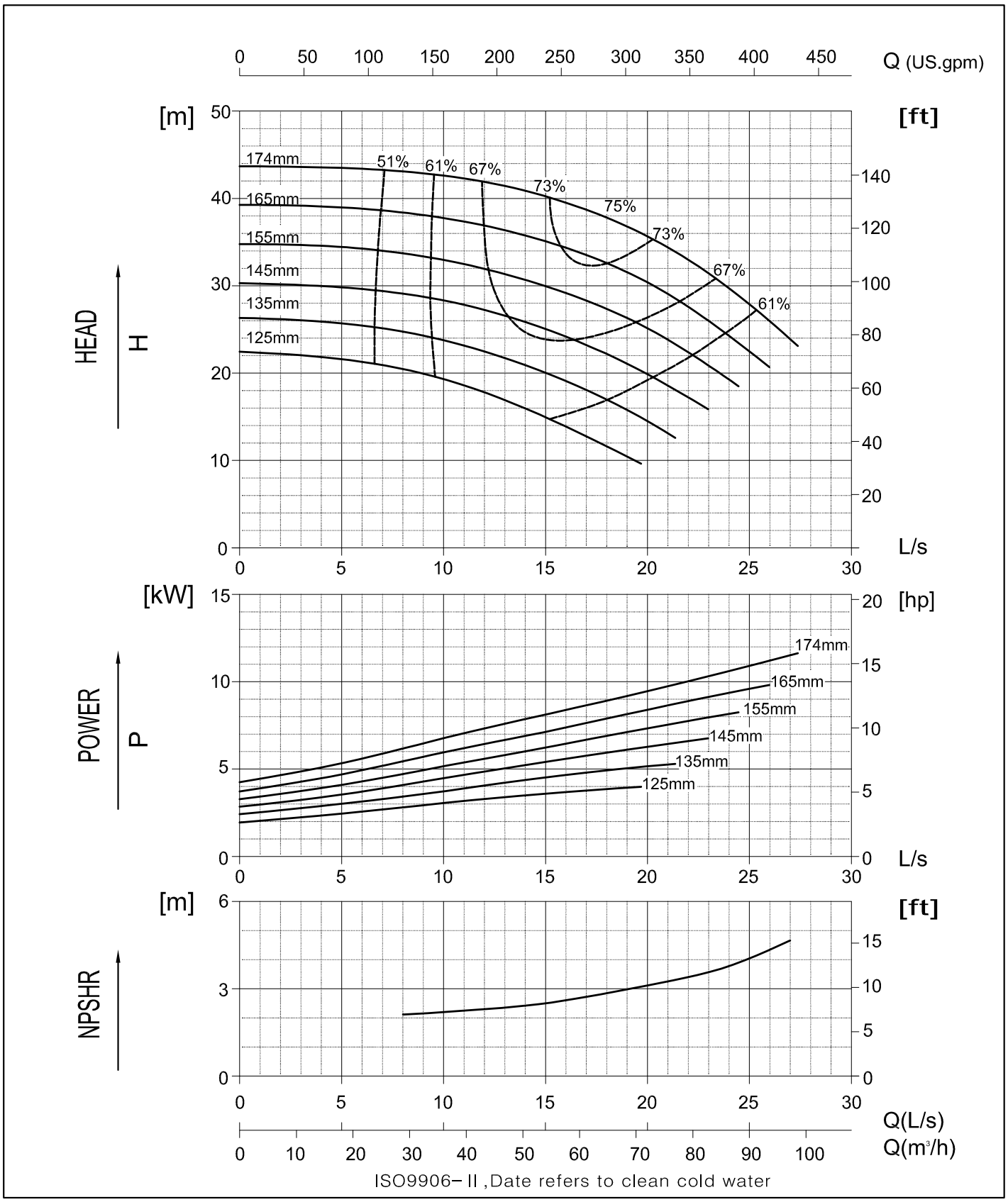
NW50-125

2900 RPM



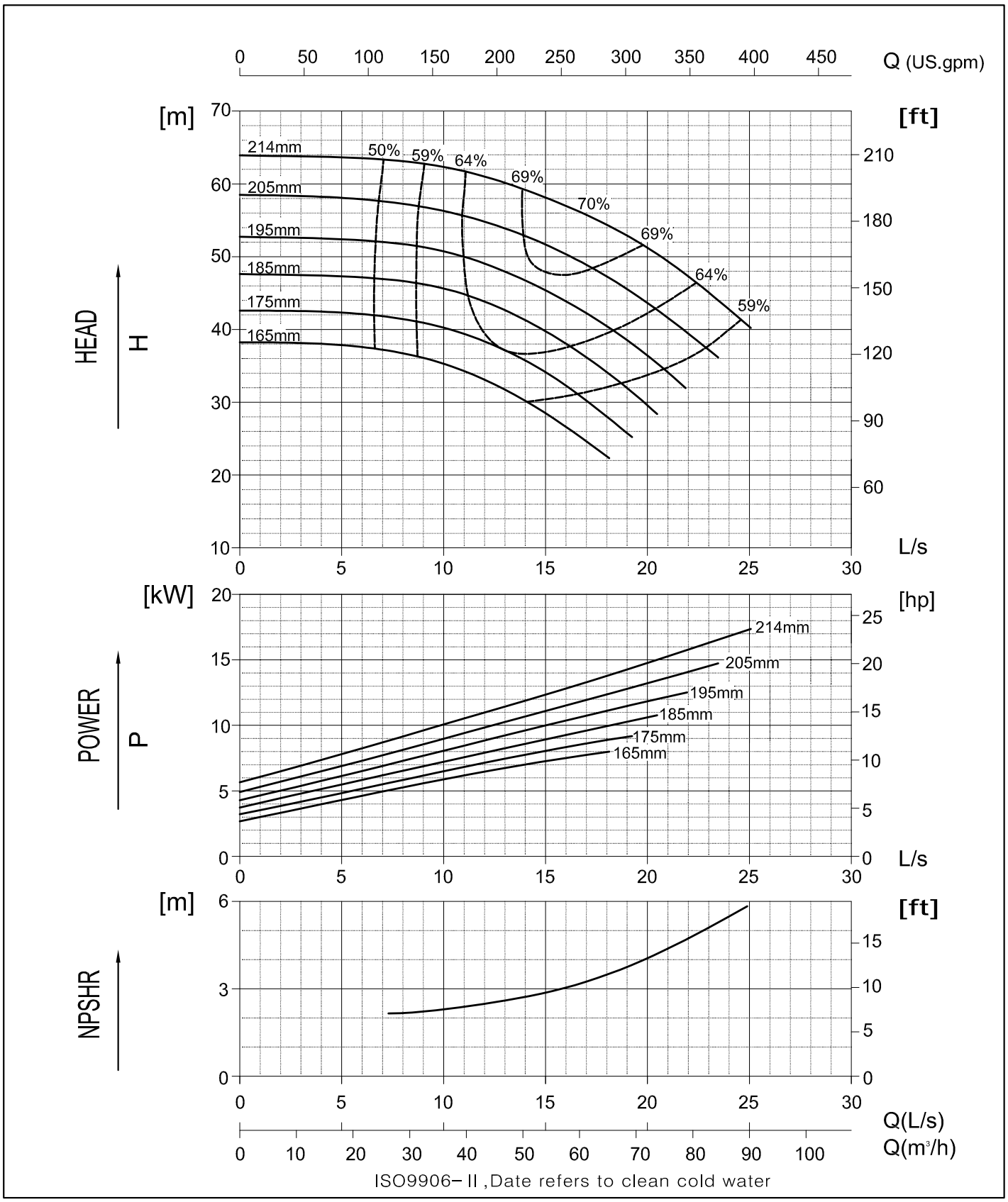
NW50-160

2900 RPM



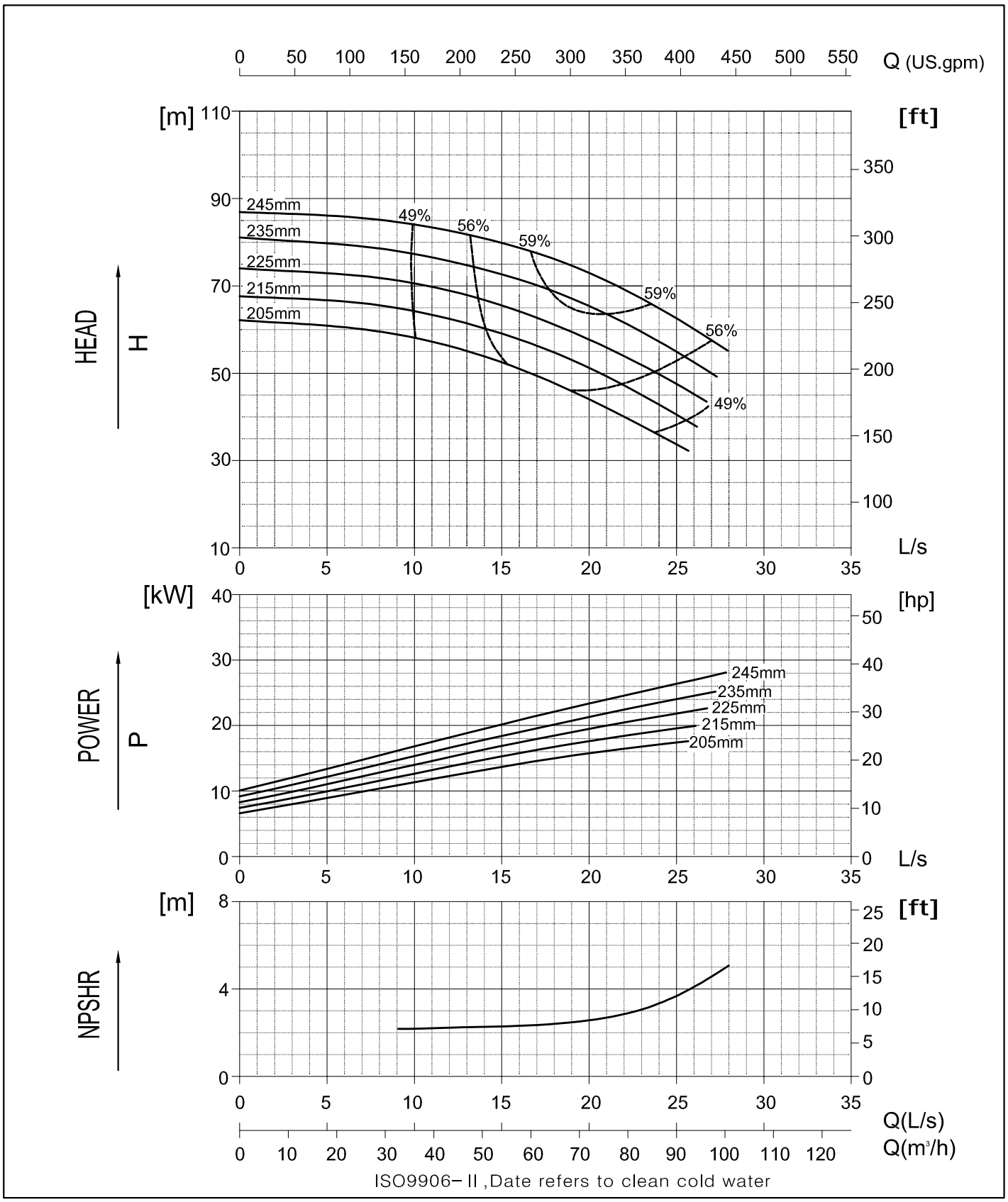
NW50-200

2900 RPM



NW50-250

2900 RPM



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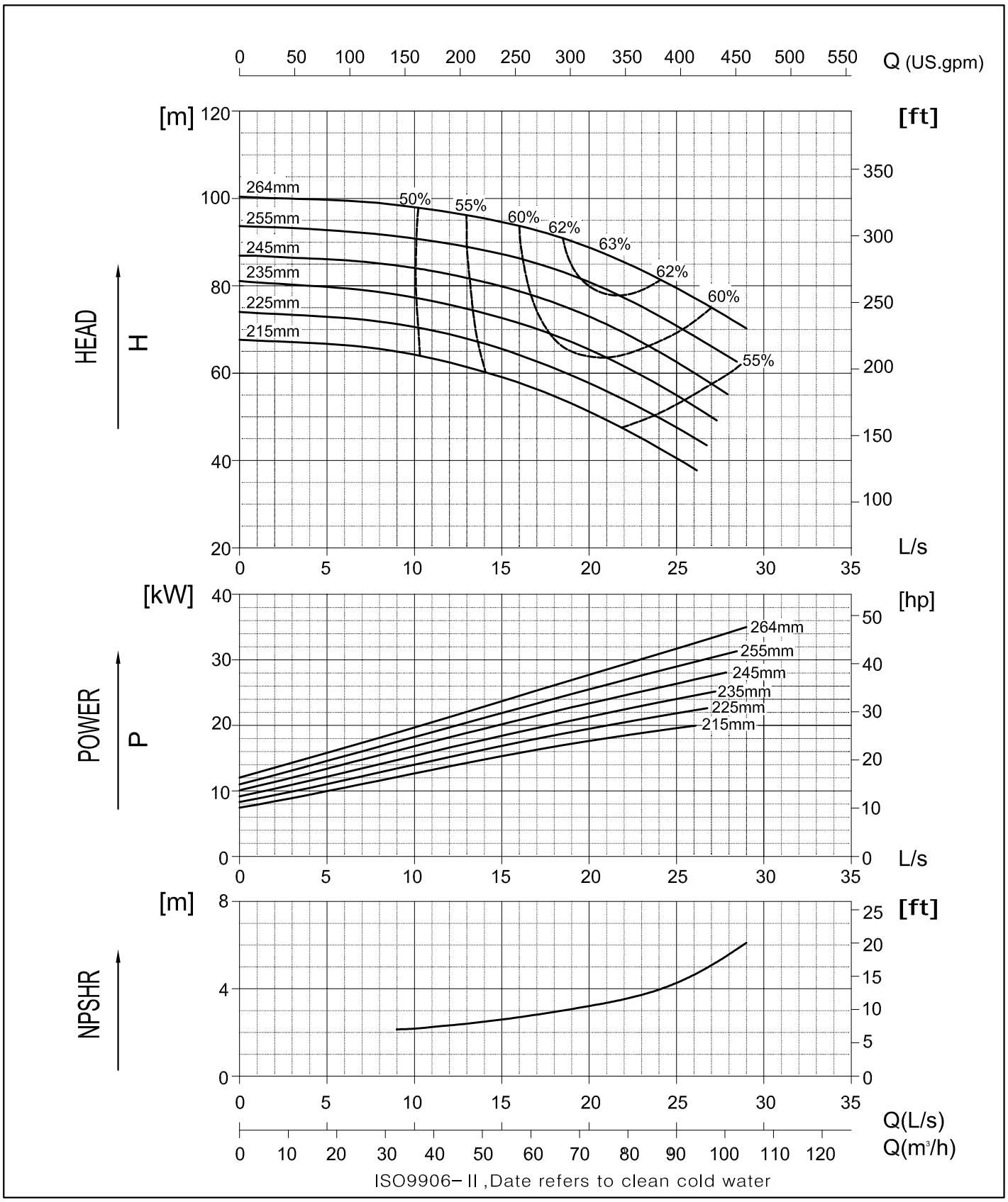
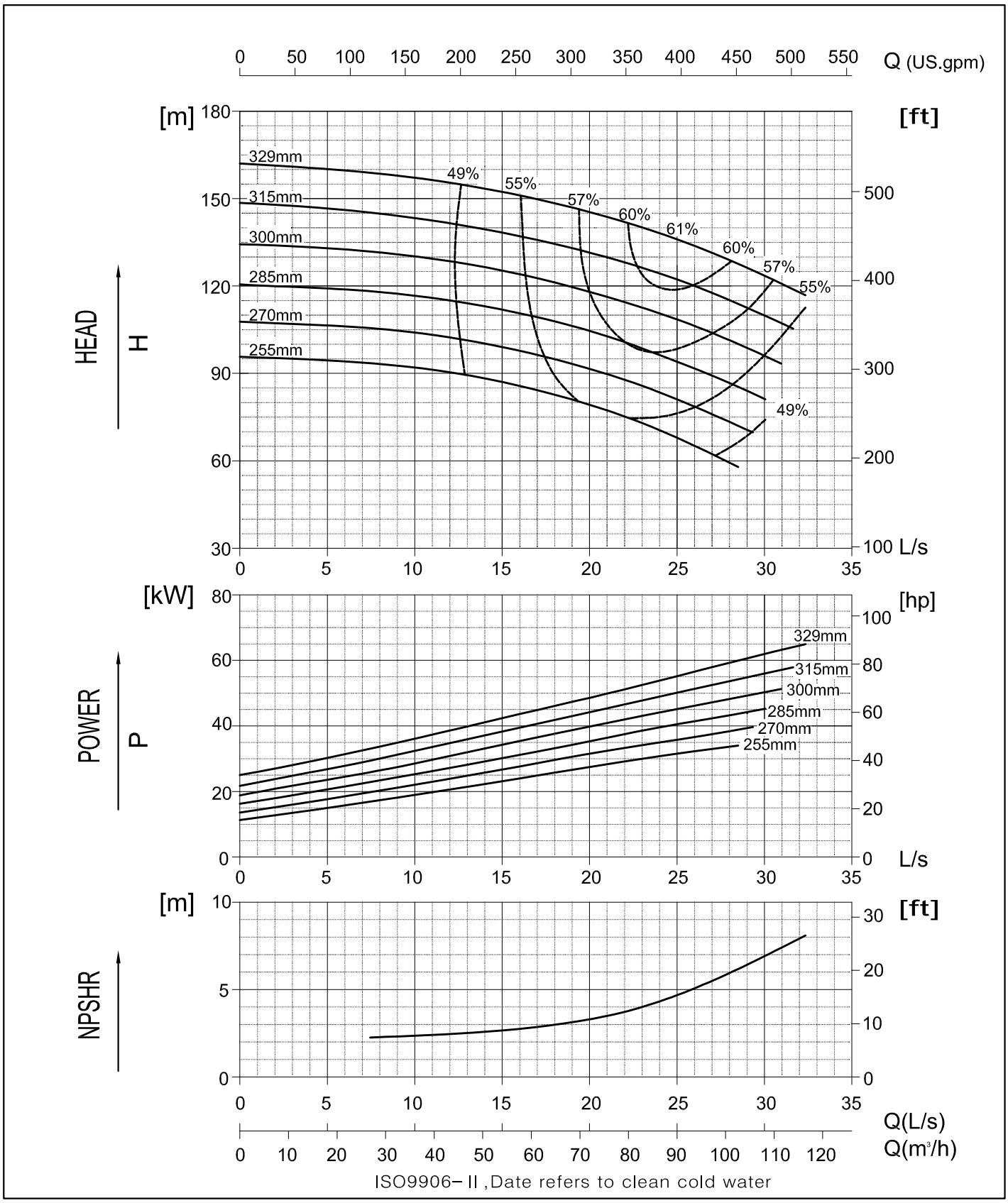
NW50-250G

2900 RPM



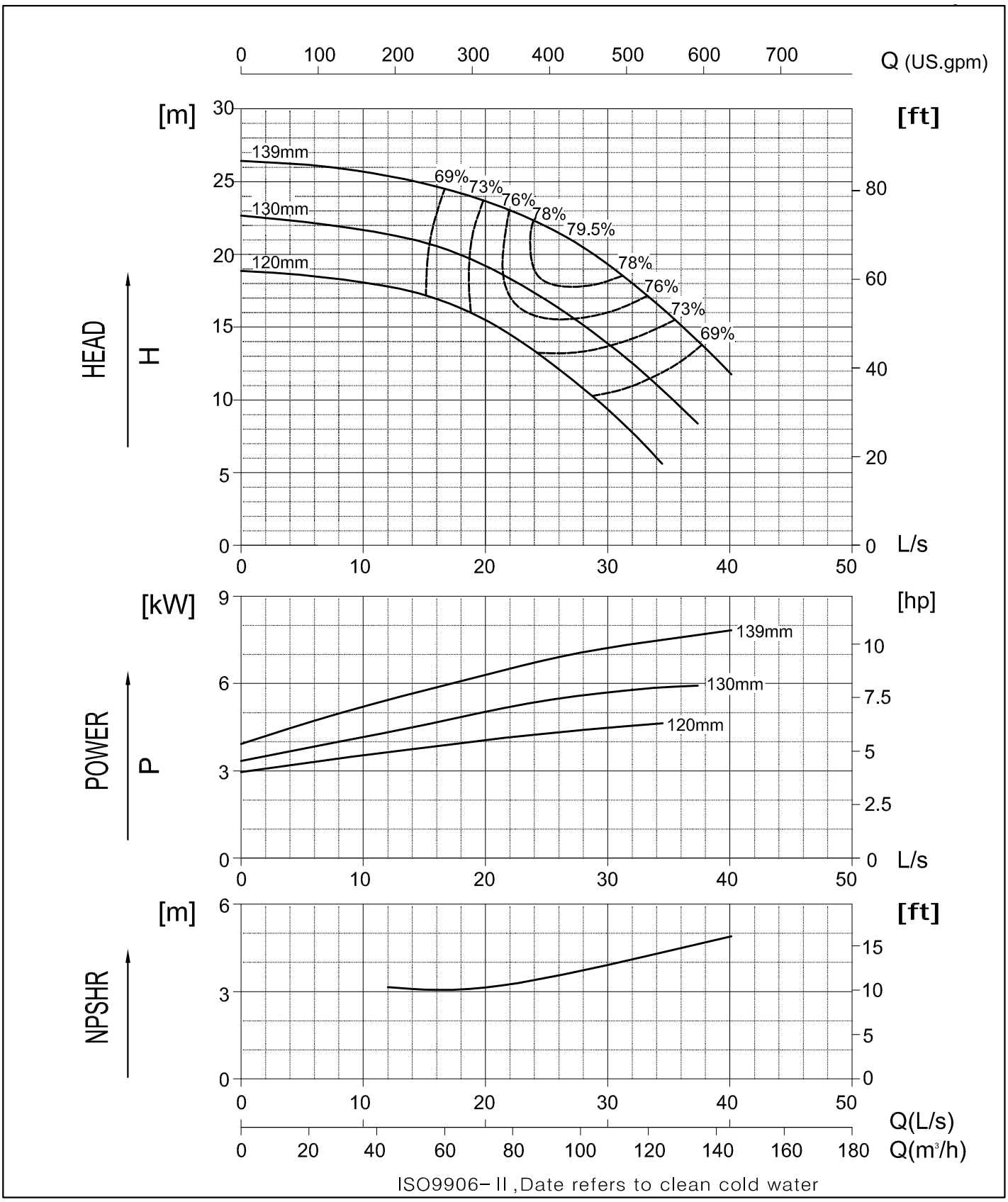
NW50-315G

2900 RPM



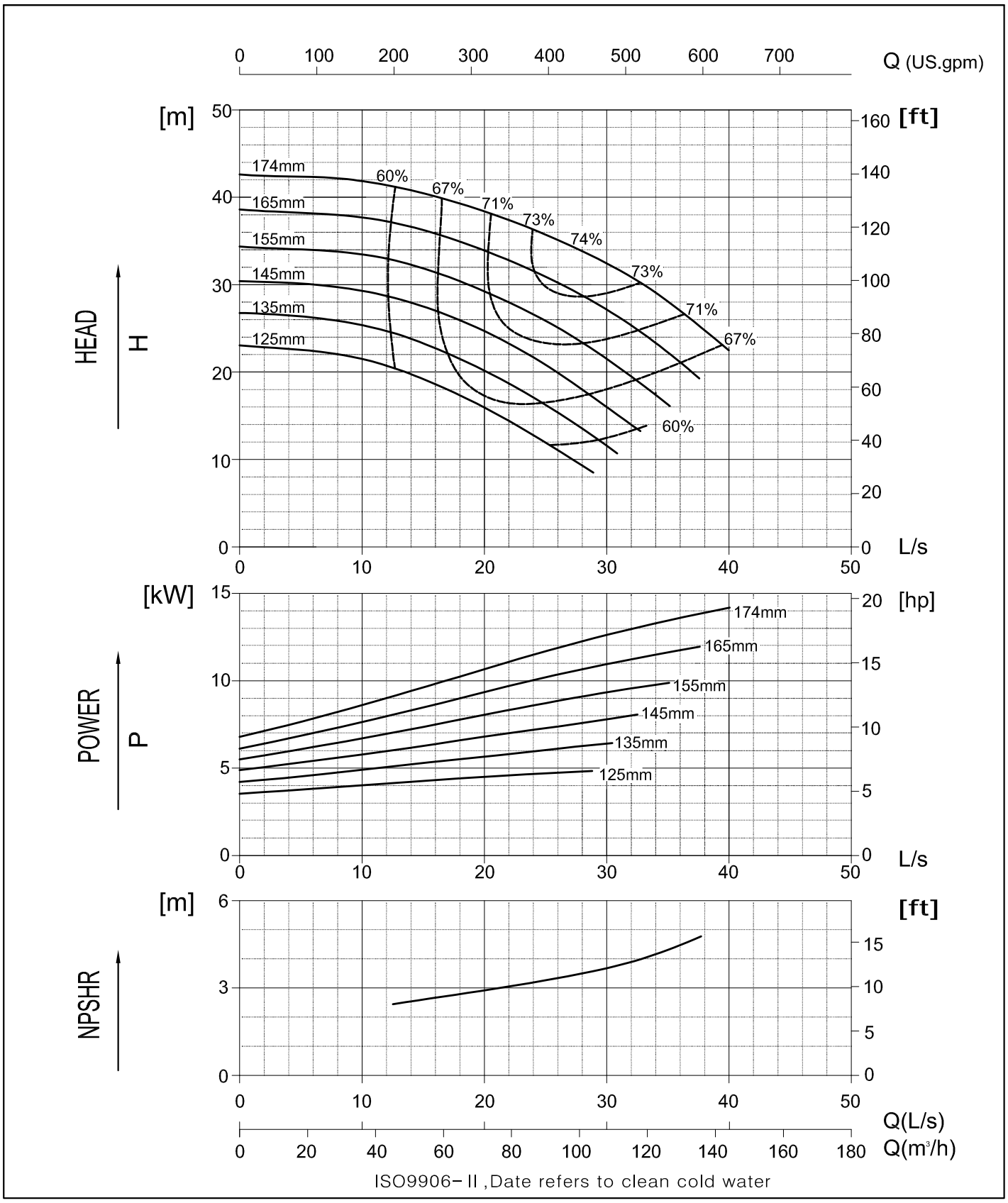
NW65-125

2900 RPM



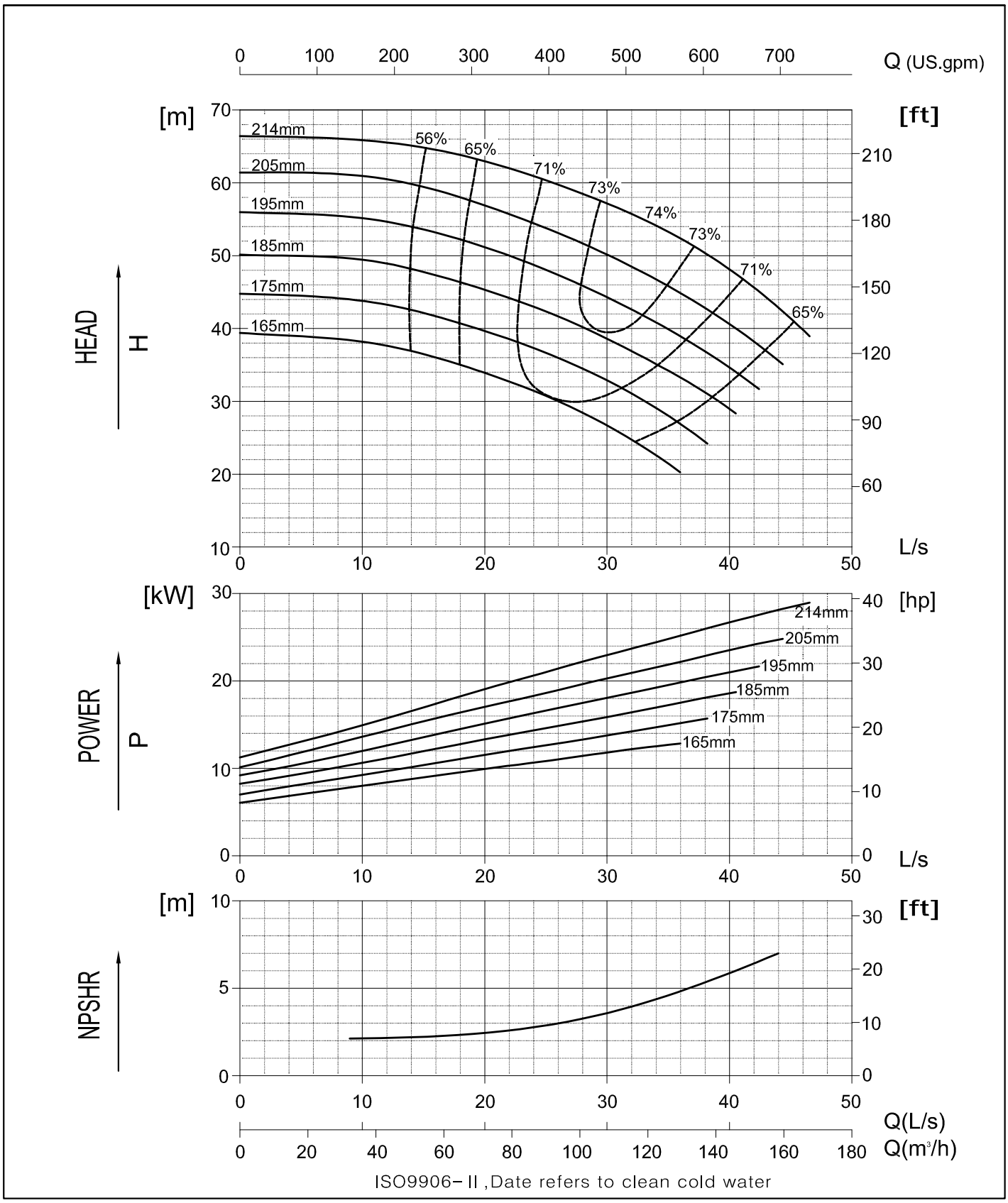
NW65-160

2900 RPM



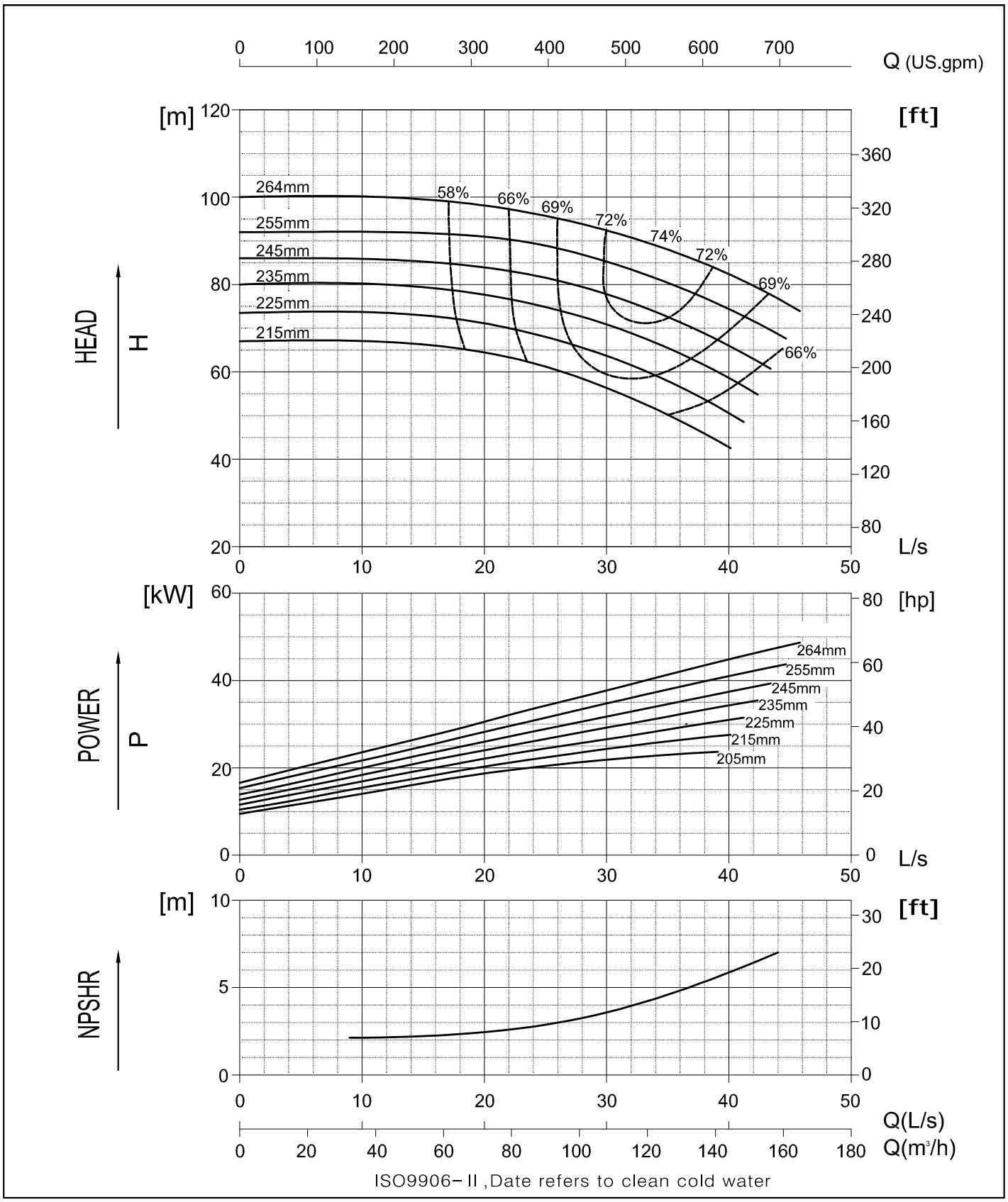
NW65-200

2900 RPM



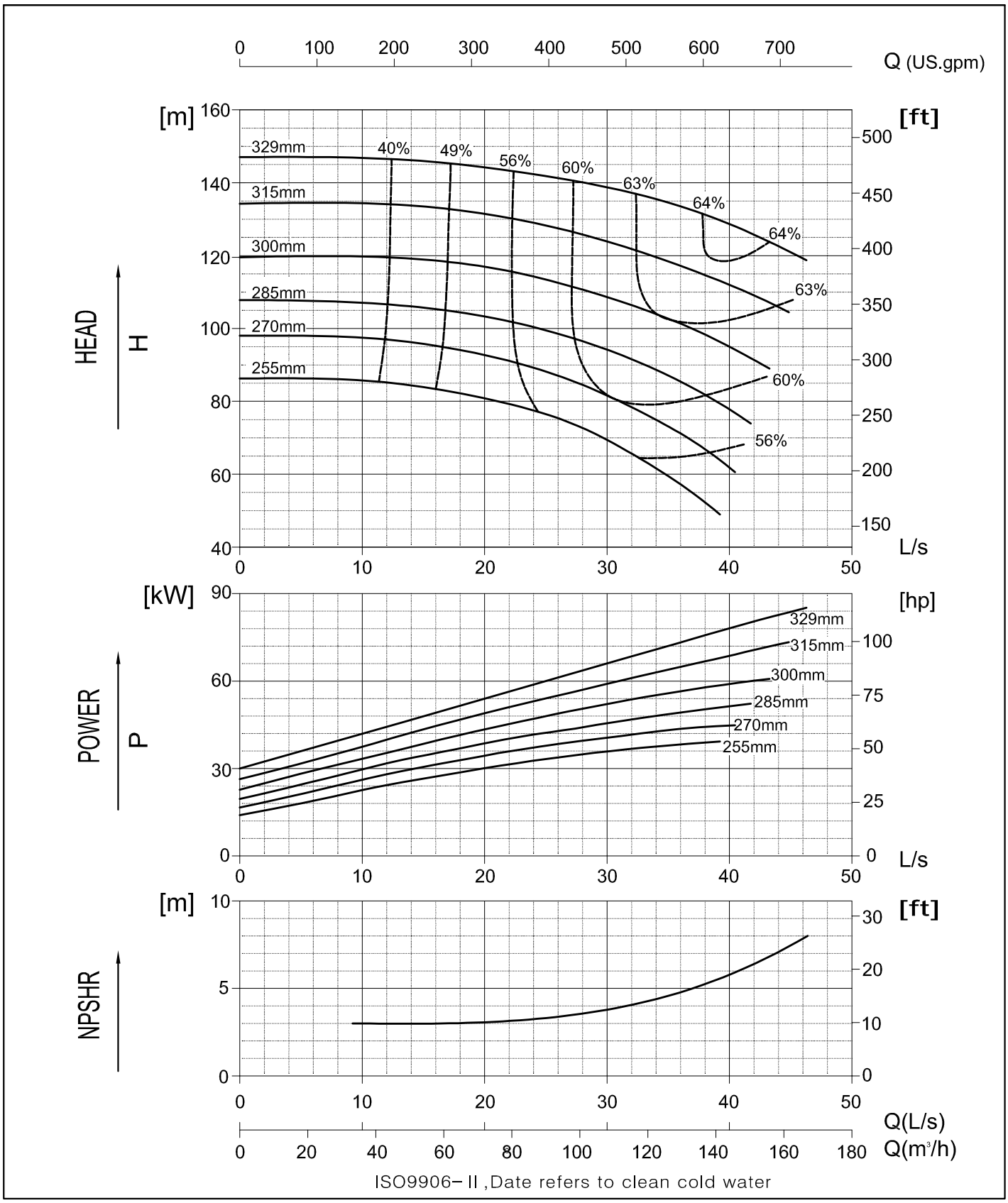
NW65-250

2900 RPM



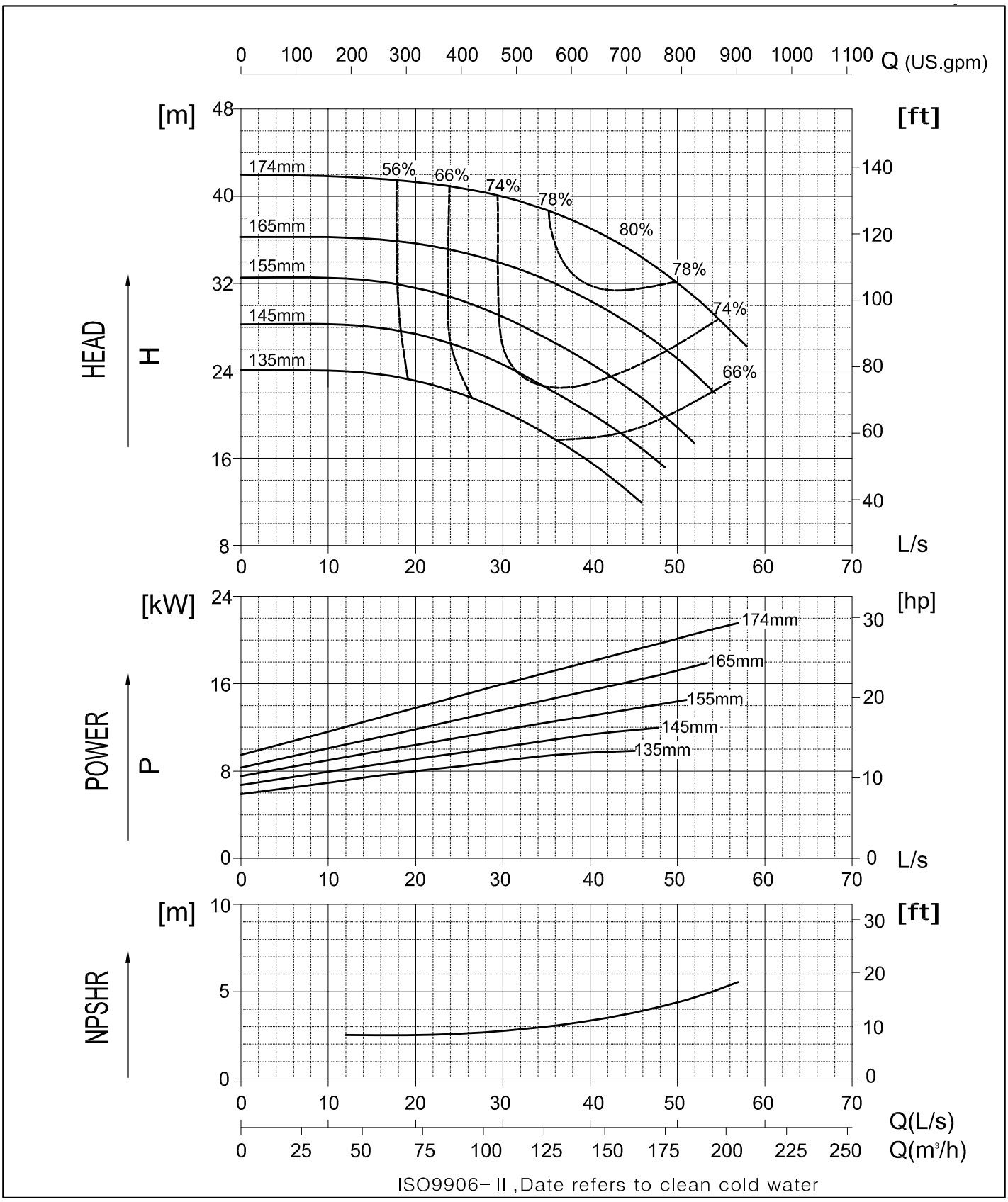
NW65-315G

2900 RPM



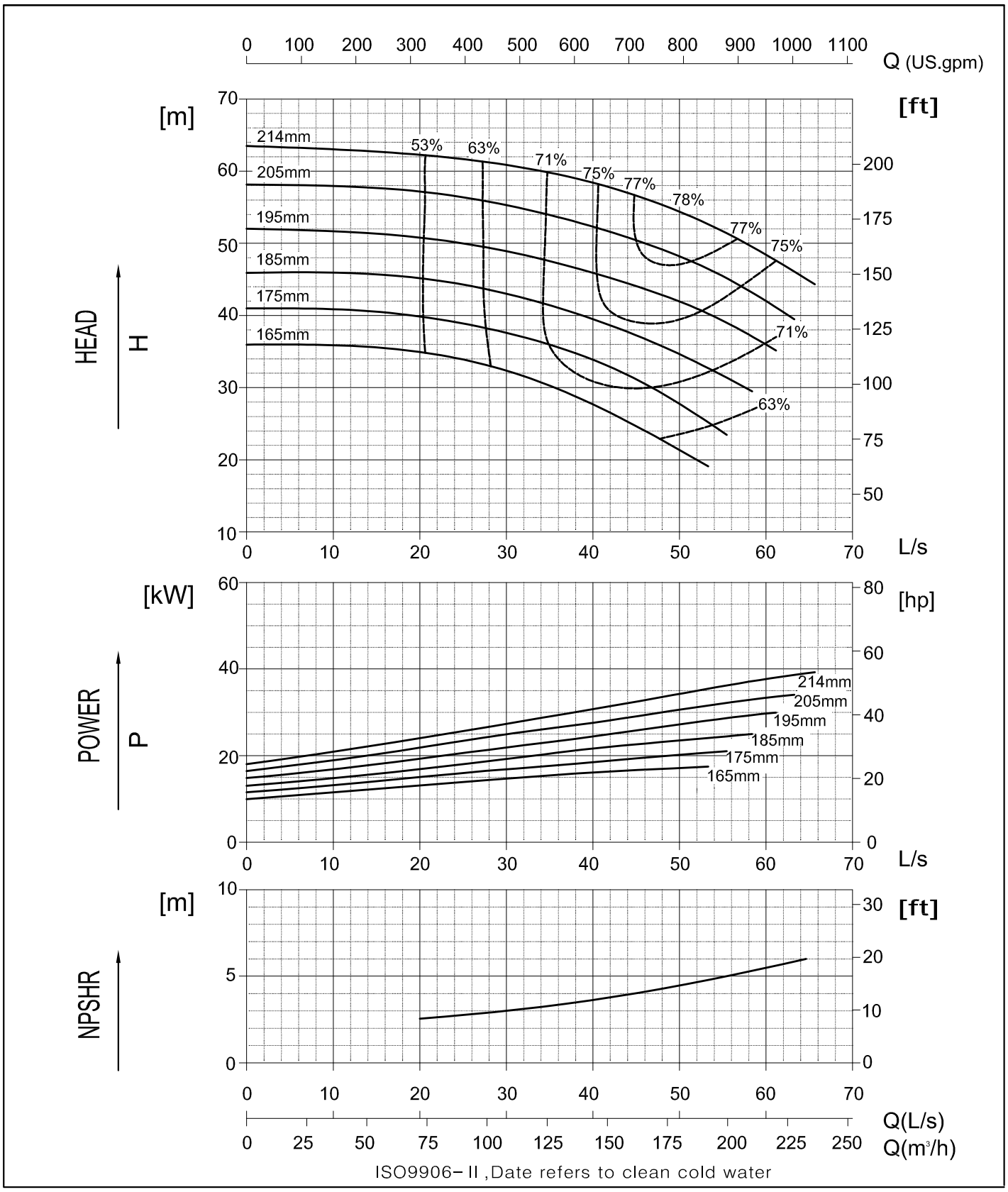
NW80-160

2900 RPM



NW80-200

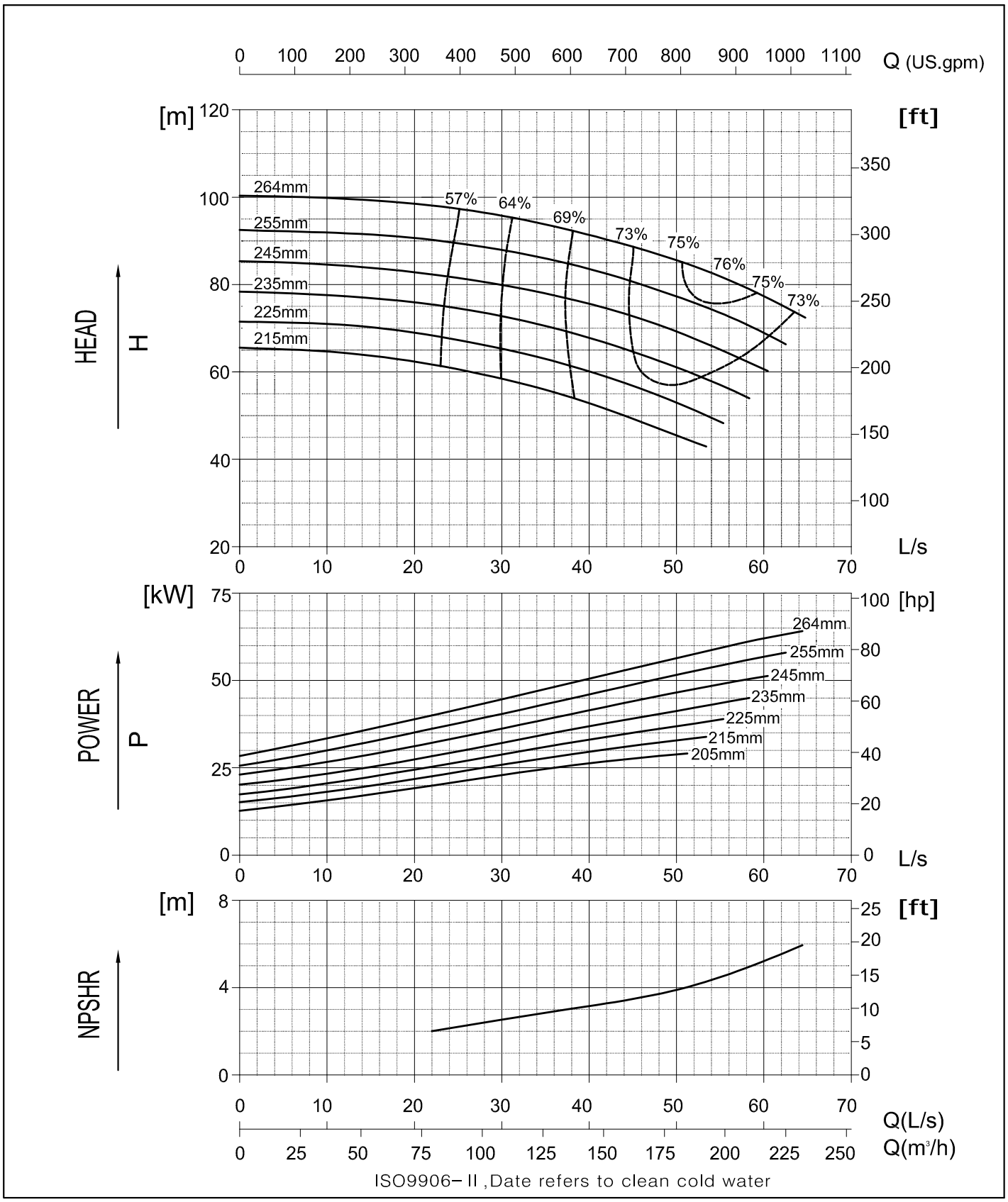
2900 RPM



ISO9906– II ,Date refers to clean cold water

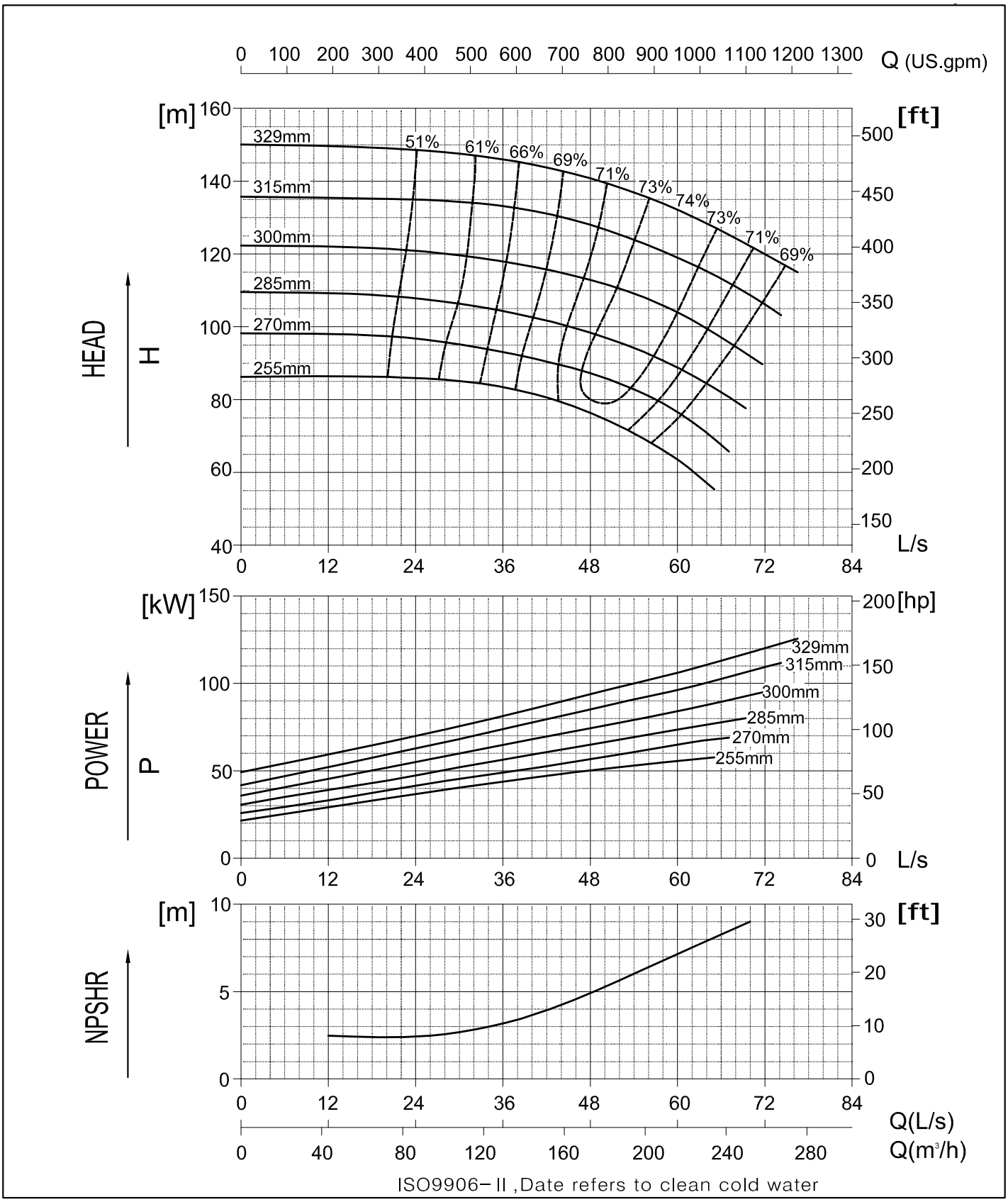
NW80-250

2900 RPM



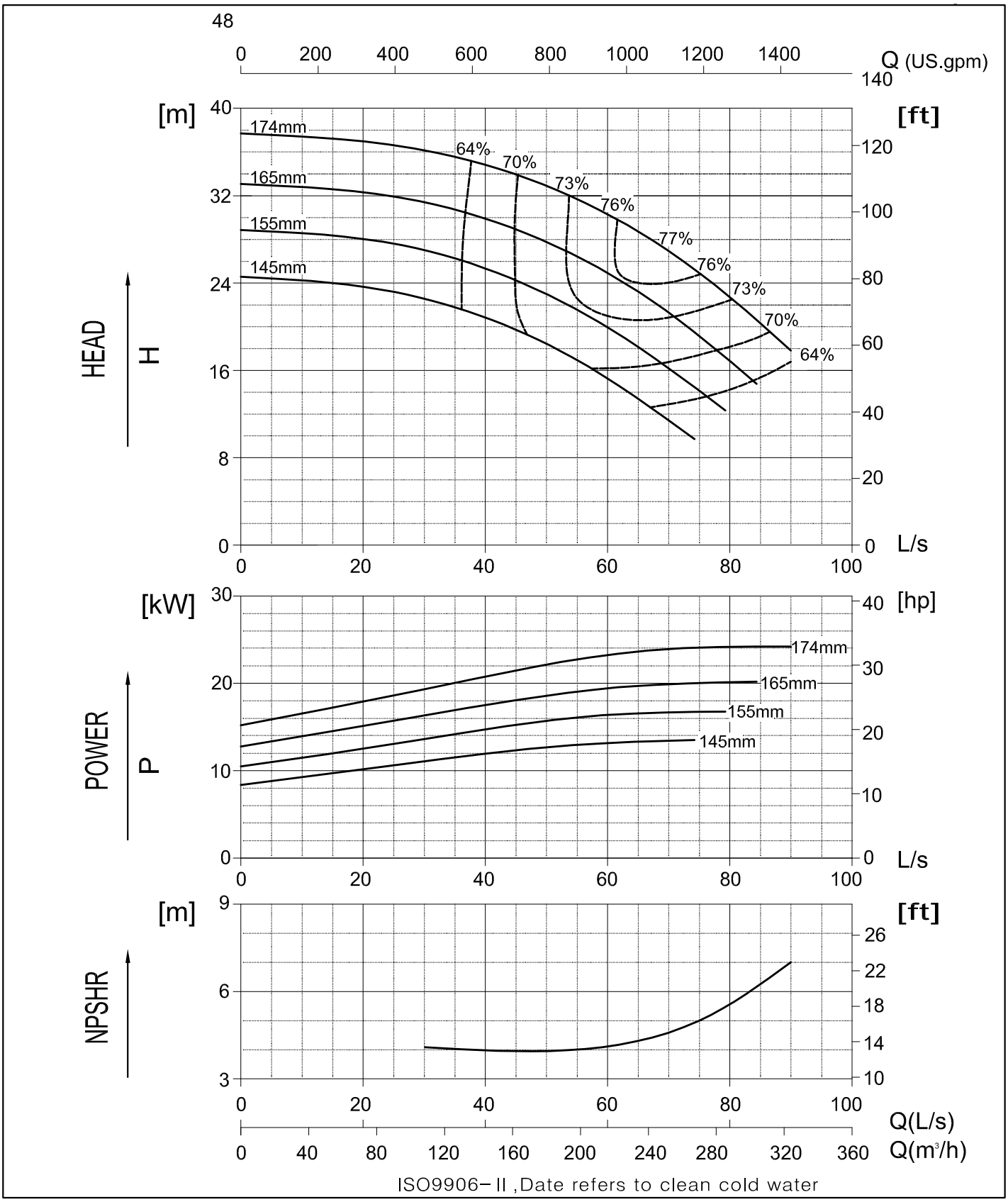
NW80-320G

2900 RPM



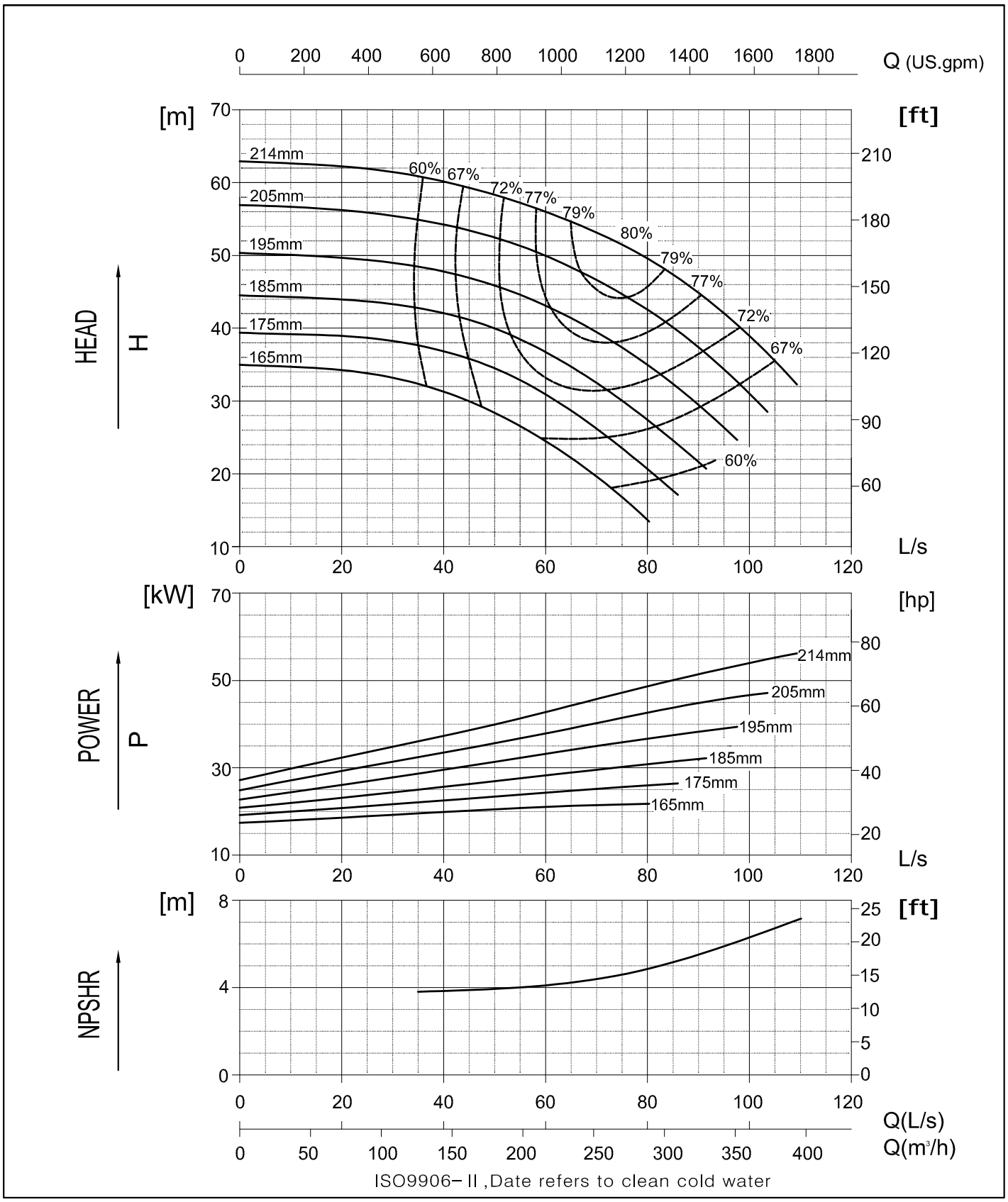
NW100-160

2900 RPM



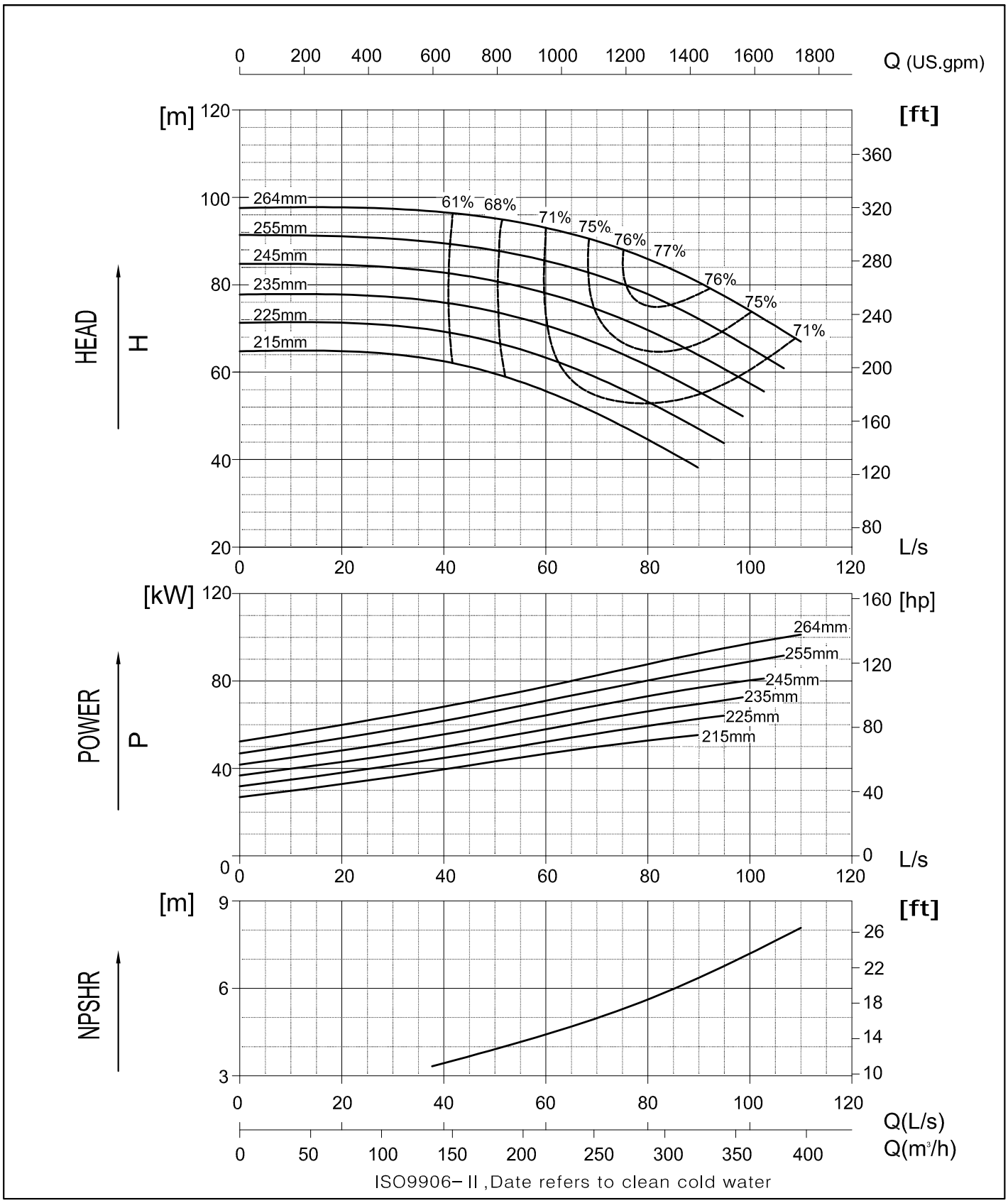
NW100-200

2900 RPM



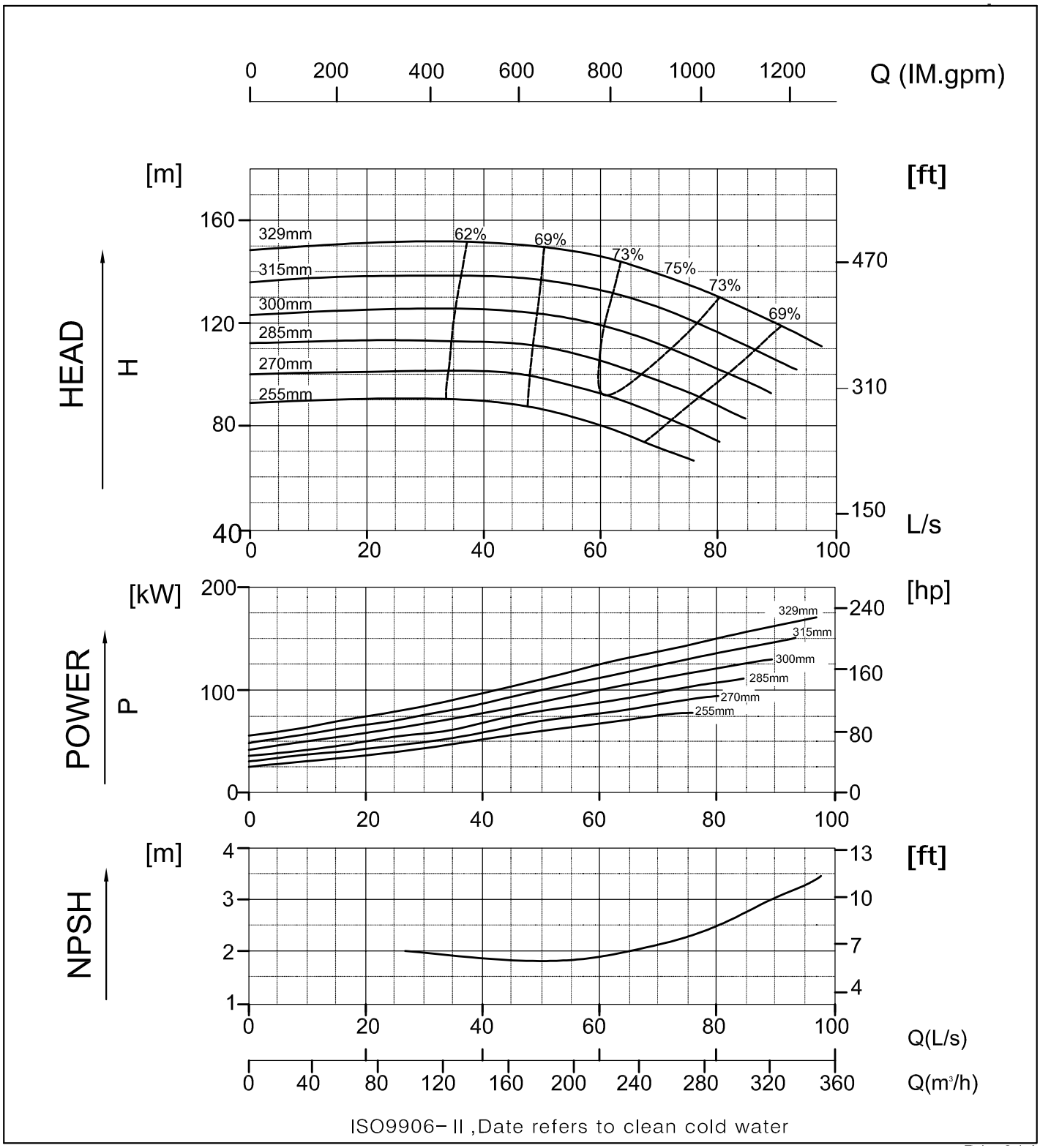
NW100-250

2900 RPM



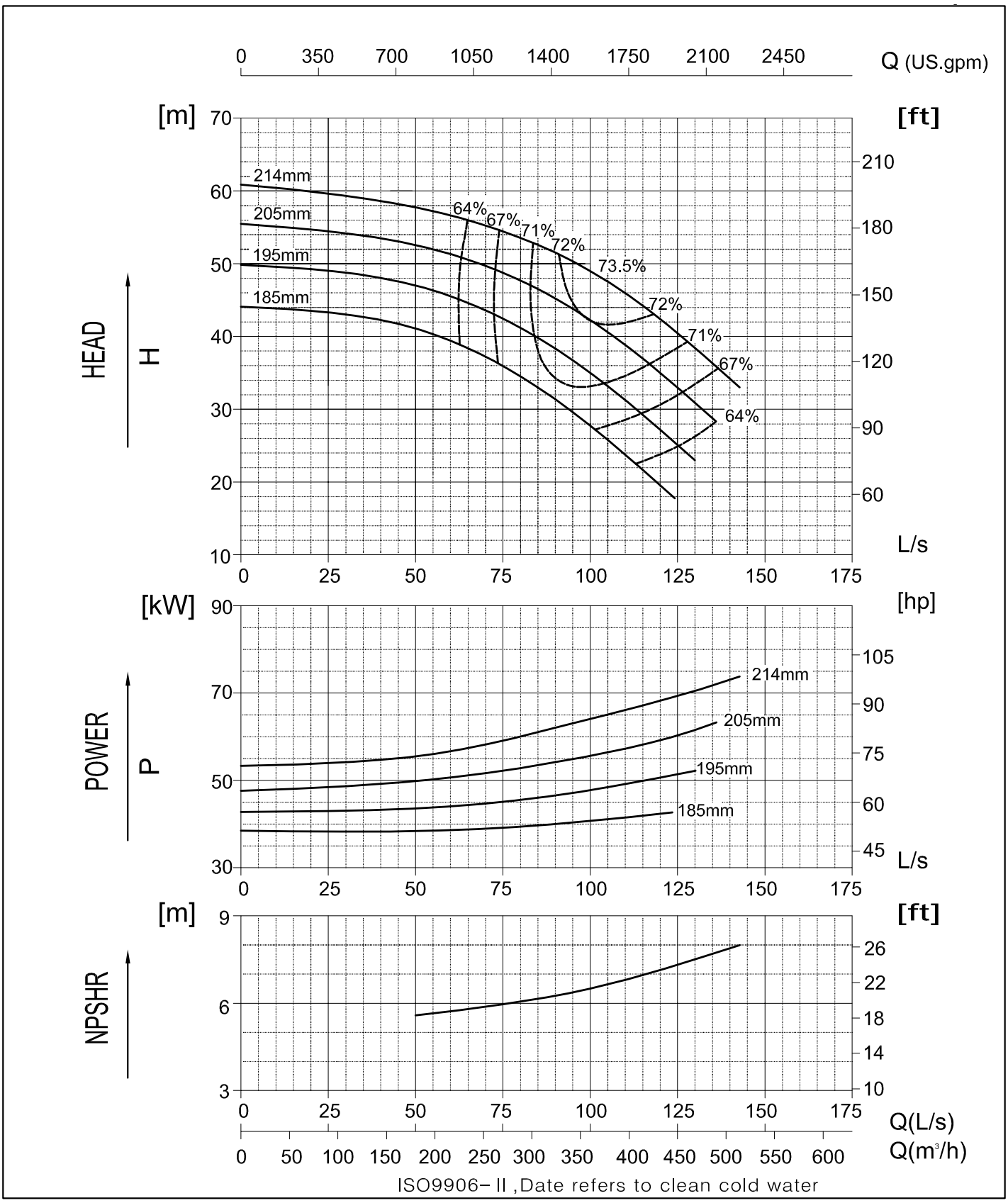
NW100-315

2900 RPM



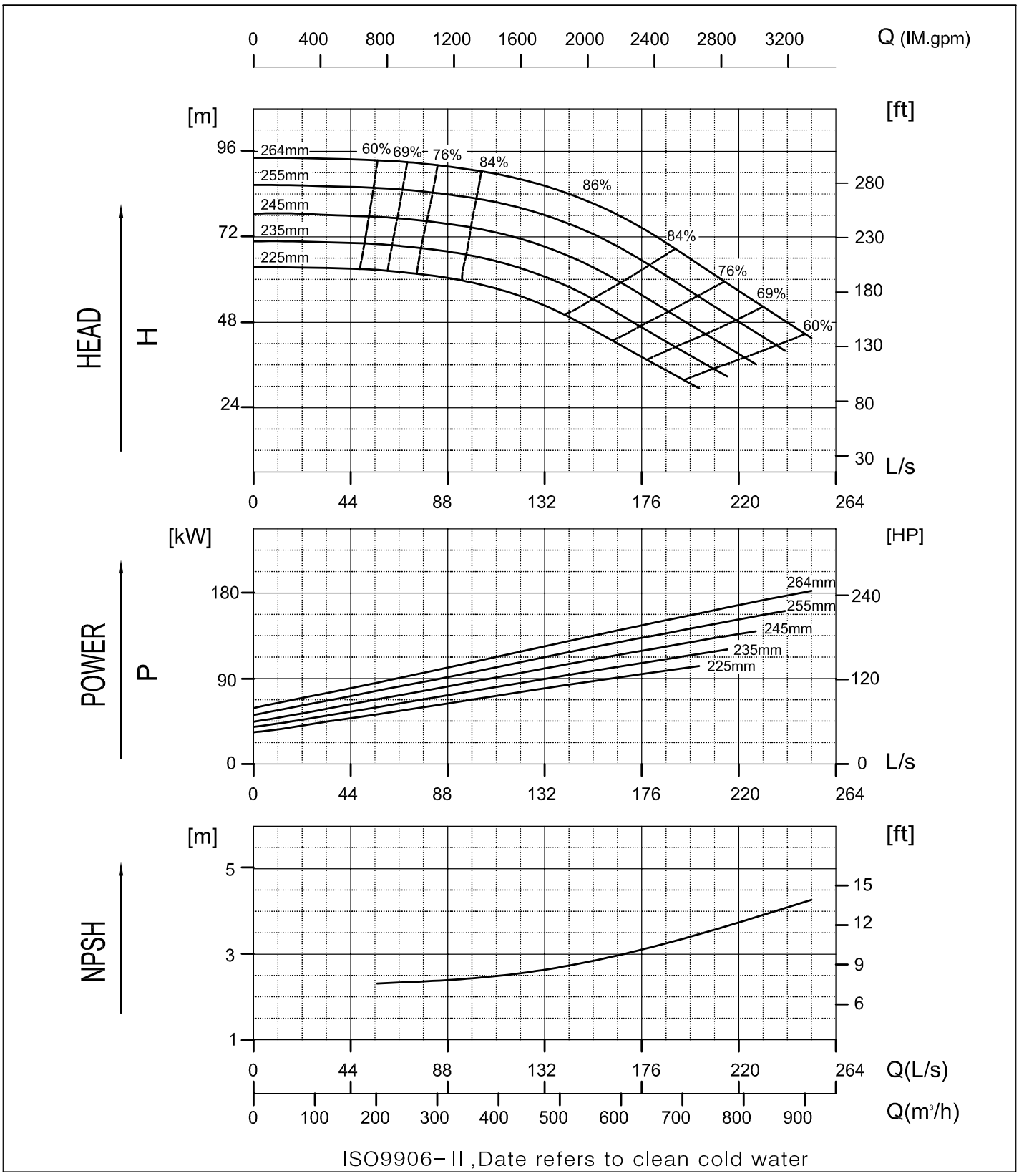
NW125-200

2900 RPM



NW125-250G

2900 RPM



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