



EST Monoblock Standard Centrifugal Pump



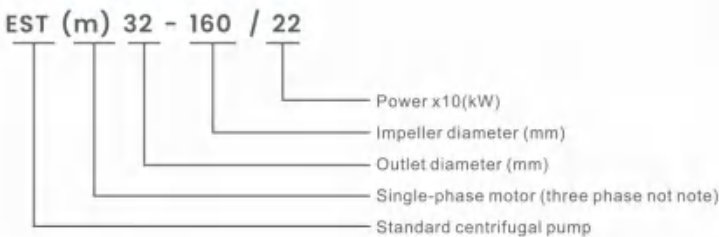
Product Overview

EST series is the standard centrifugal pump, axial suction, radial drainage, widely used in industry, water treatment, water supply and other fields.

Product Characteristic

Axial water absorption, radial drainage
Water intakes and outtakes comply with EN733
Flange according to UNI2236 and DIN2532
Pull back design :
(Impeller and motor can be removed when the pump body is connected to the pipeline)

Model Definition



Motor

Three-phase asynchronous, squirrel-cage rotor
Closed structure, external ventilation
Protection level: IP54
Insulation class: F
The ambient temperature does not exceed +40°C

Operating Condition

Flow: 0~400m³/h
Head: 0~100m
Temperature of the liquid pumped: standard -40°C~120°C
Maximum working pressure: 12 bar(PN12)
Highest elevation: 1000 m
Observe at pump suction and rotate counterclockwise
Butt flange

Application

Water supply:

Water plant filtration and transportation, main pipeline pressurization, high-rise buildings, hotels and other pressurization

Industry:

Flushing and cleaning system, boiler feed water, cooling water circulation, water treatment system equipment supporting system

Water treatment:

Ultrafiltration system, reverse osmosis system, distillation system, separator, swimming pool, air conditioning system, heating system, agricultural irrigation, fire protection system

Technical Parameter List

Name	Particulars
Rated flow	0~400 m³/h
Rated head	0~100 m
Liquid temperature	-40°C~120°C
Maximum working pressure	12bar (PN12)
Power range	0.75~90 kW
Rated speed	2900 rpm/1450 rpm
Outlet size	DN32~DN125

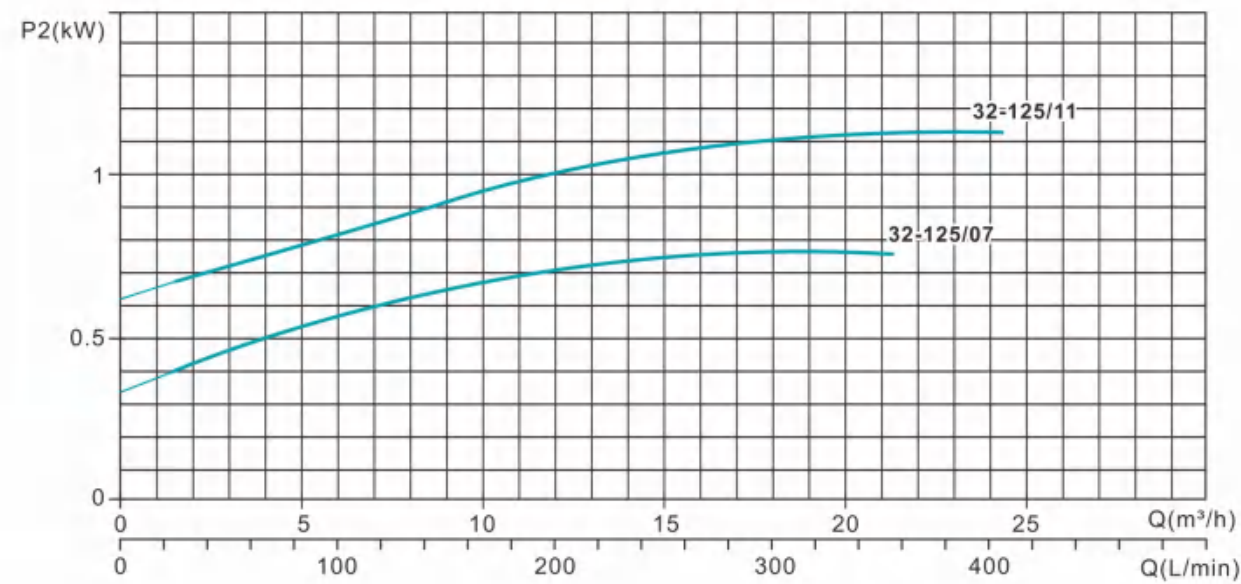
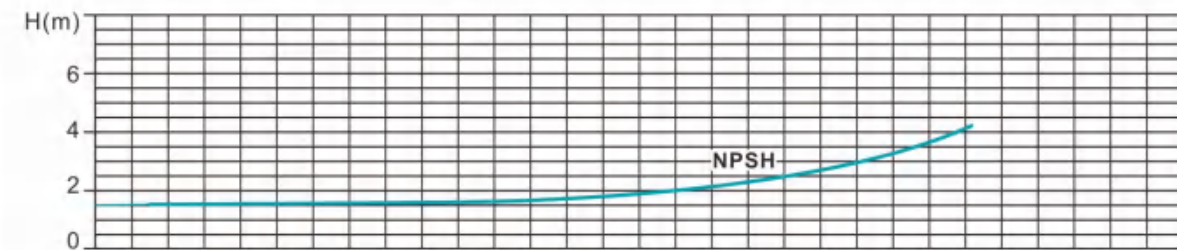
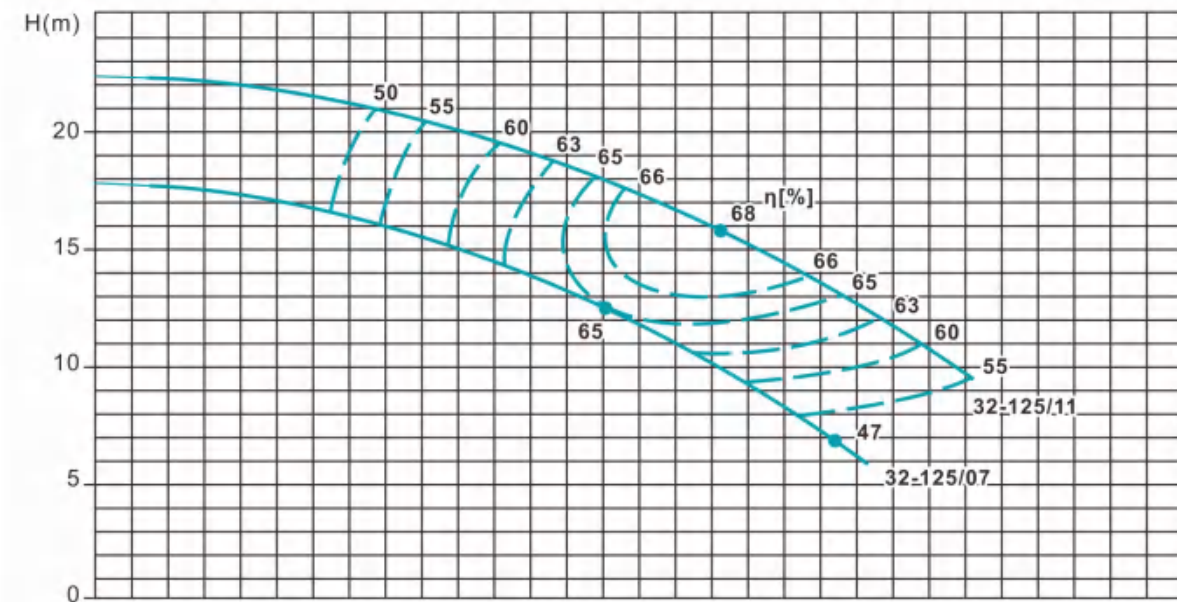
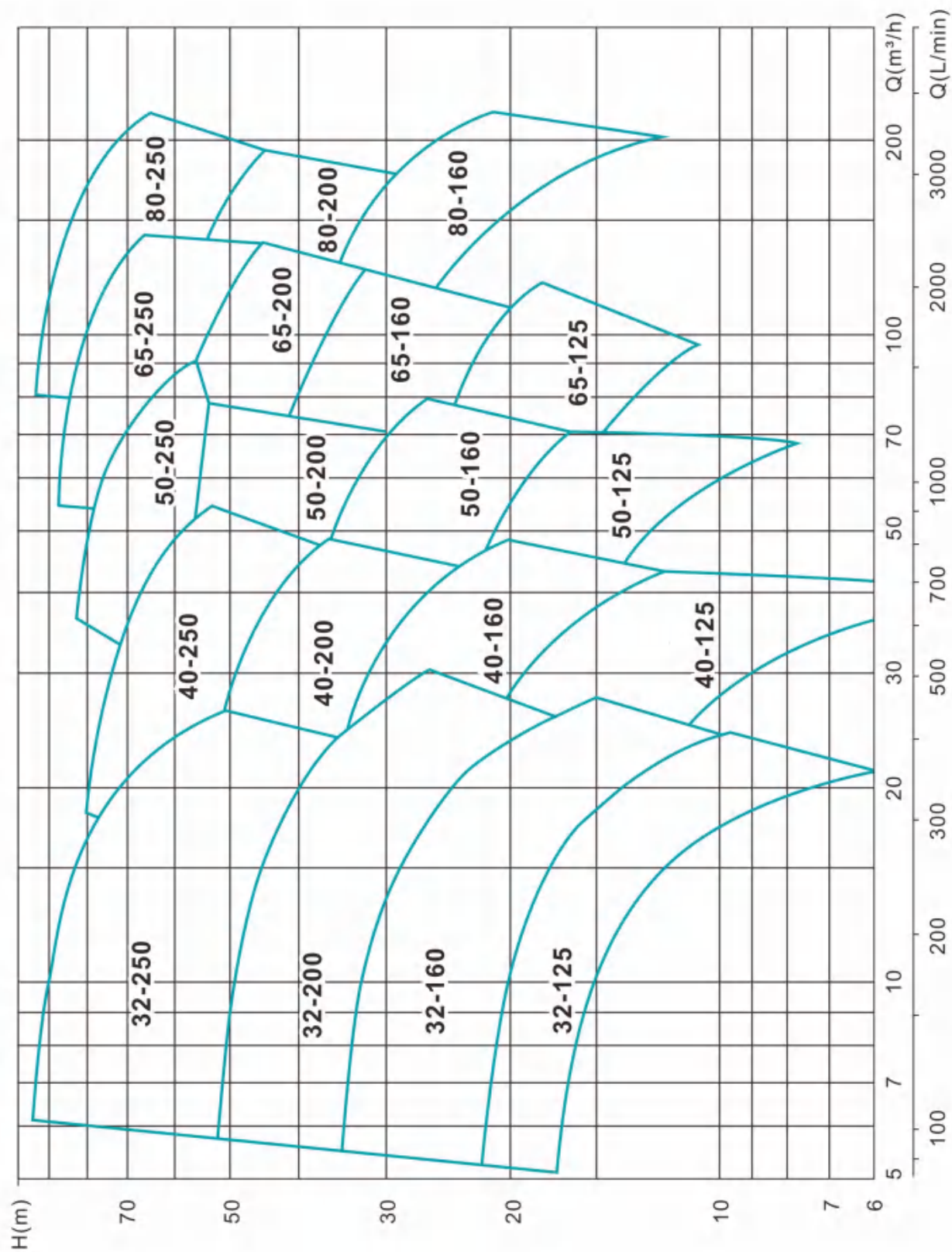
Product Structure

Structure of 7.5kW and below		
No.	Name	Material
1	Flange	Carbon steel
2	Pump case	HT200
3	Impeller	HT200/AISI304
4	O-ring	NBR
5	Connector	HT200
6	Bearing	Ball bearing
7	Stator	
8	Bracket	HT200
9	Bearing	Ball bearing
10	Back cover	HT200
11	Fan	PP
12	Fan hood	08F
13	Rotor	
14	Skeleton oil seal	
15	Mechanical seal	
16	Flat key	Carbon steel
17	Flange	Carbon steel

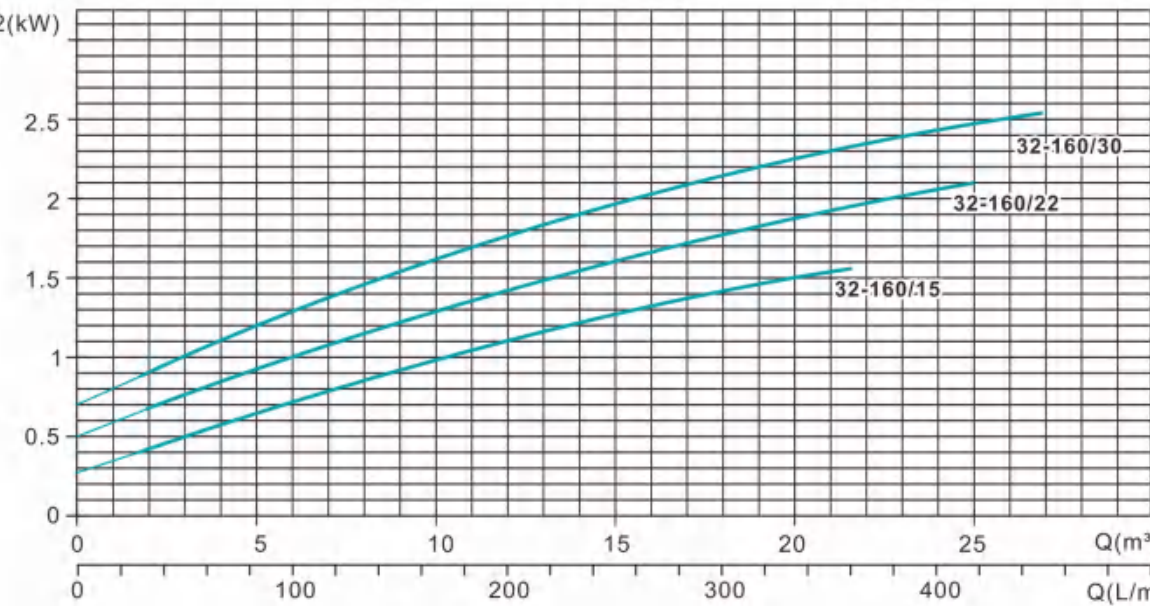
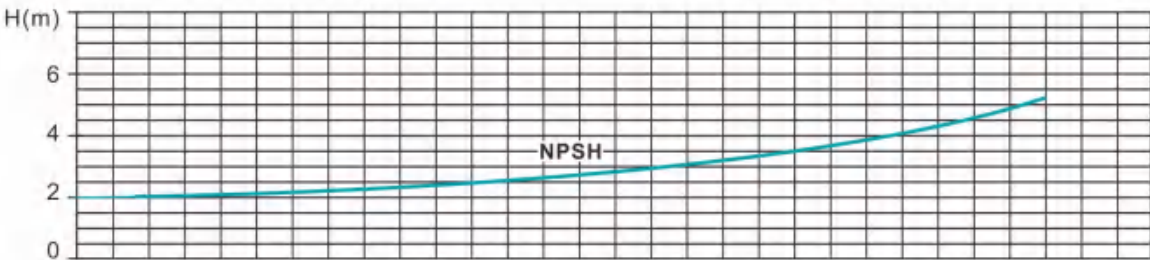
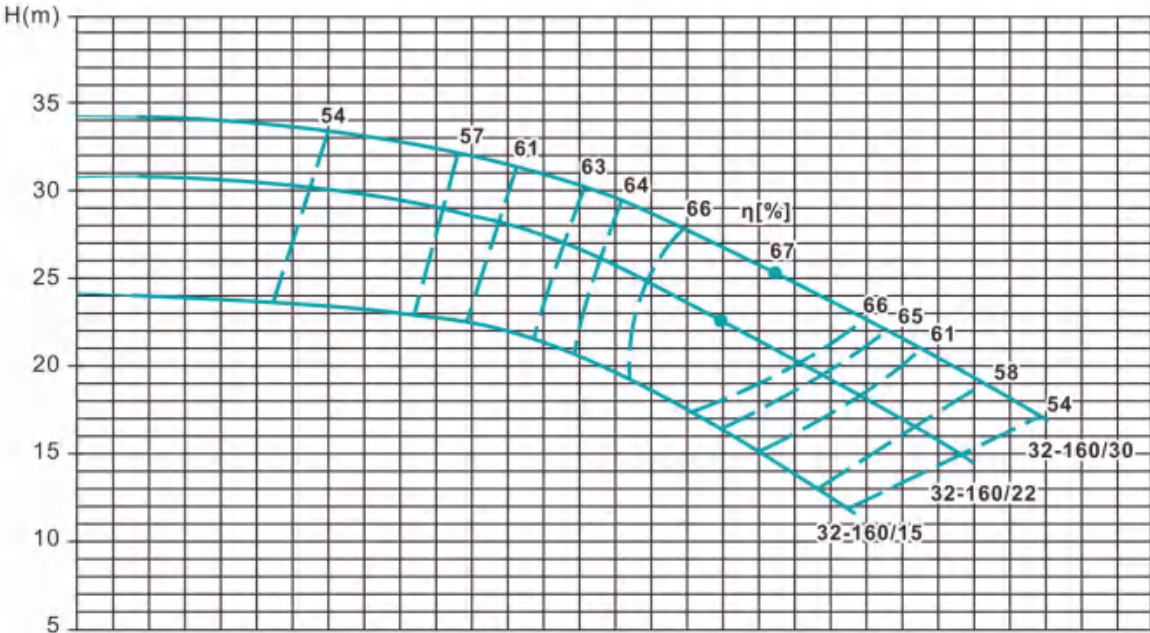
Structure above 7.5kW		
No.	Name	Material
1	Flange	Carbon steel
2	Pump case	HT200
3	Impeller	HT200/AISI304
4	O-ring	NBR
5	Fender plate	AISI304
6	Motor	IE2/IE3/IE4
7	Connector	HT200
8	Pump shaft	AISI304/45#
9	Mechanical seal	
10	Flat key	Carbon steel
11	Flange	Carbon steel

Performance Curve

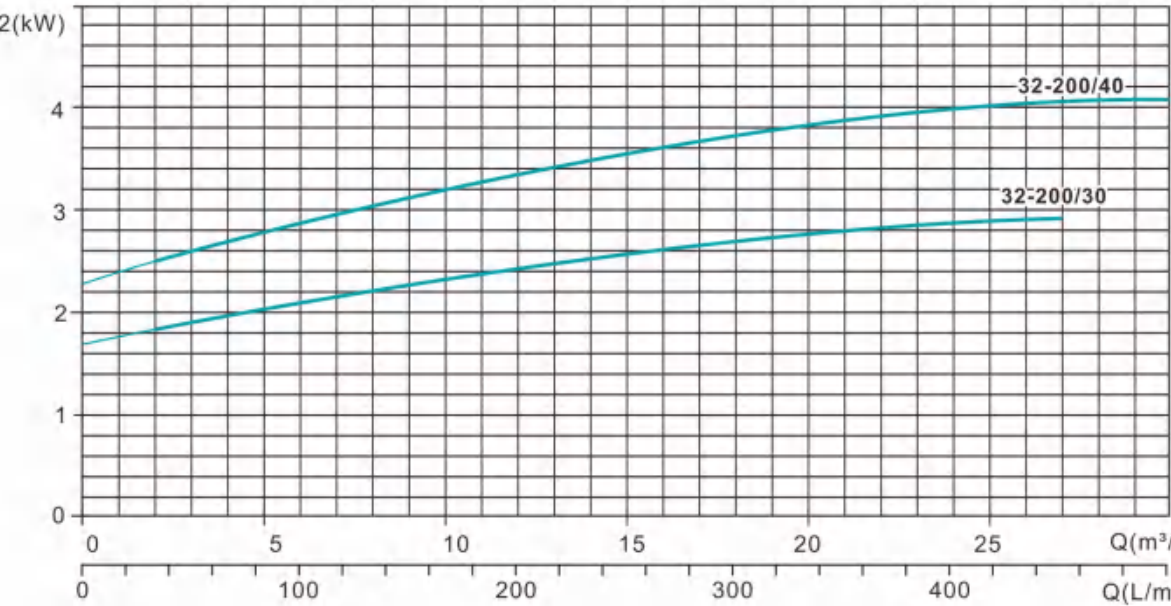
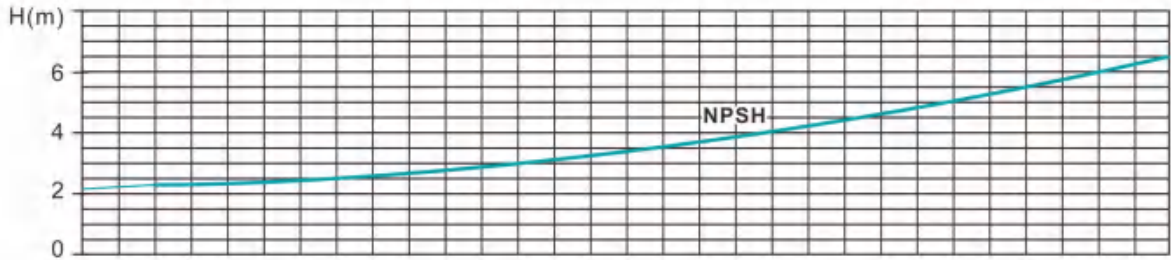
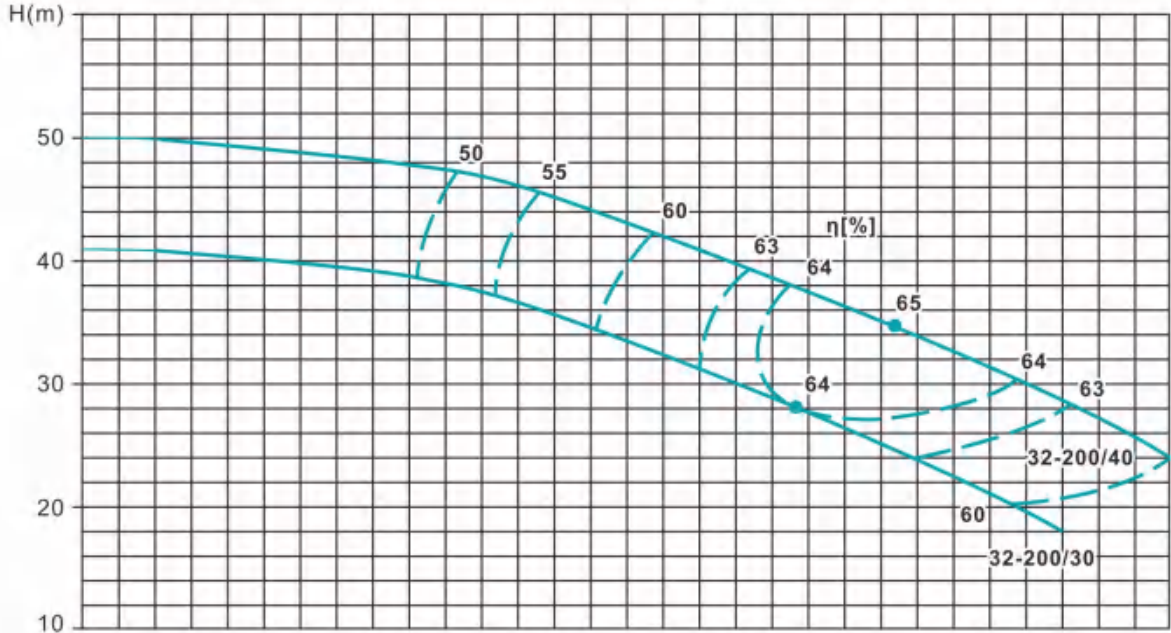
EST32-125	~2900rpm	ISO 9906
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EST32-160 ~2900rpm ISO 9906



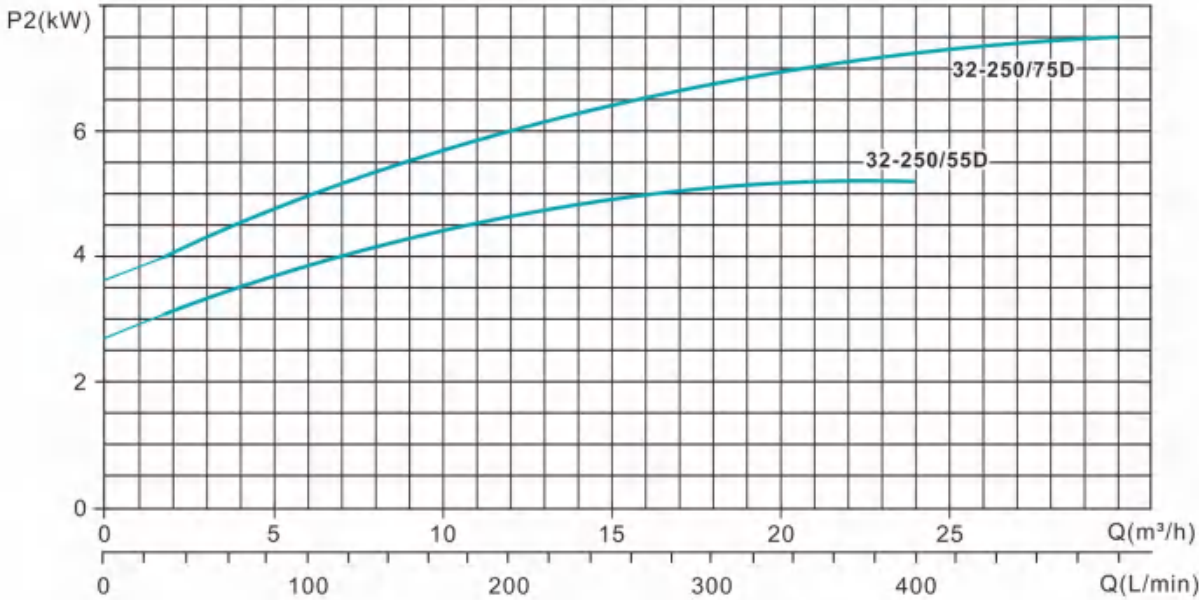
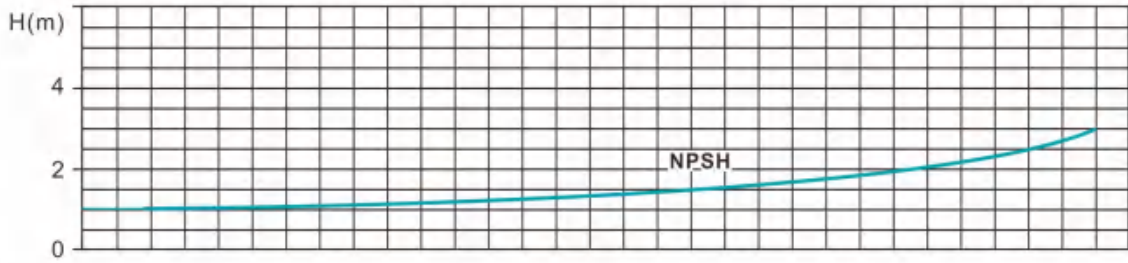
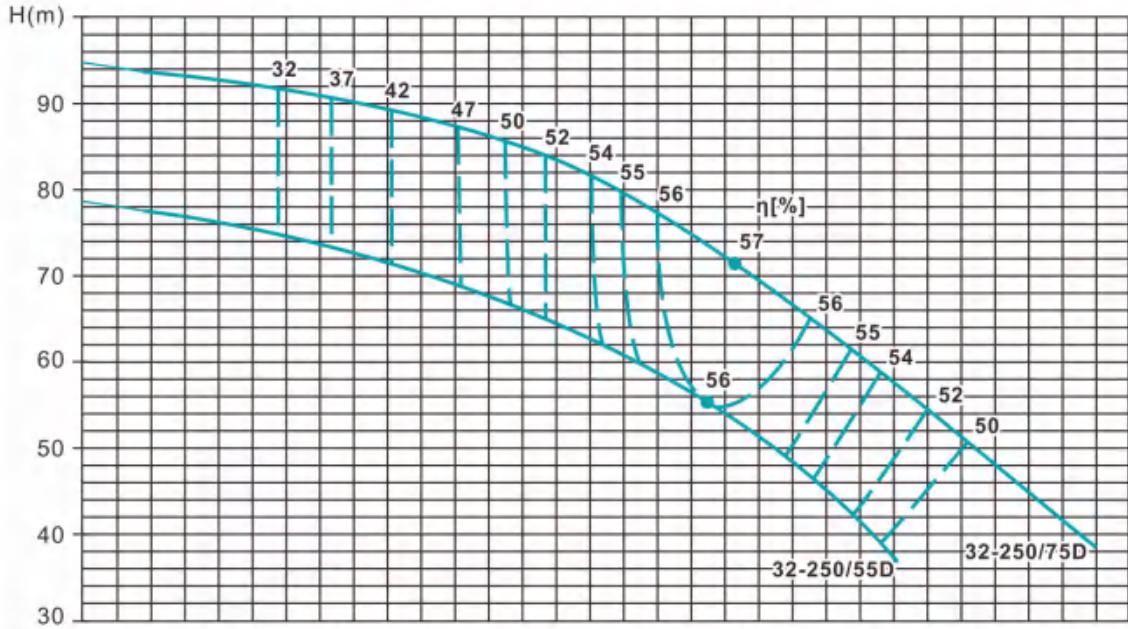
EST32-200 ~2900rpm ISO 9906



EST32-250D

~2900rpm

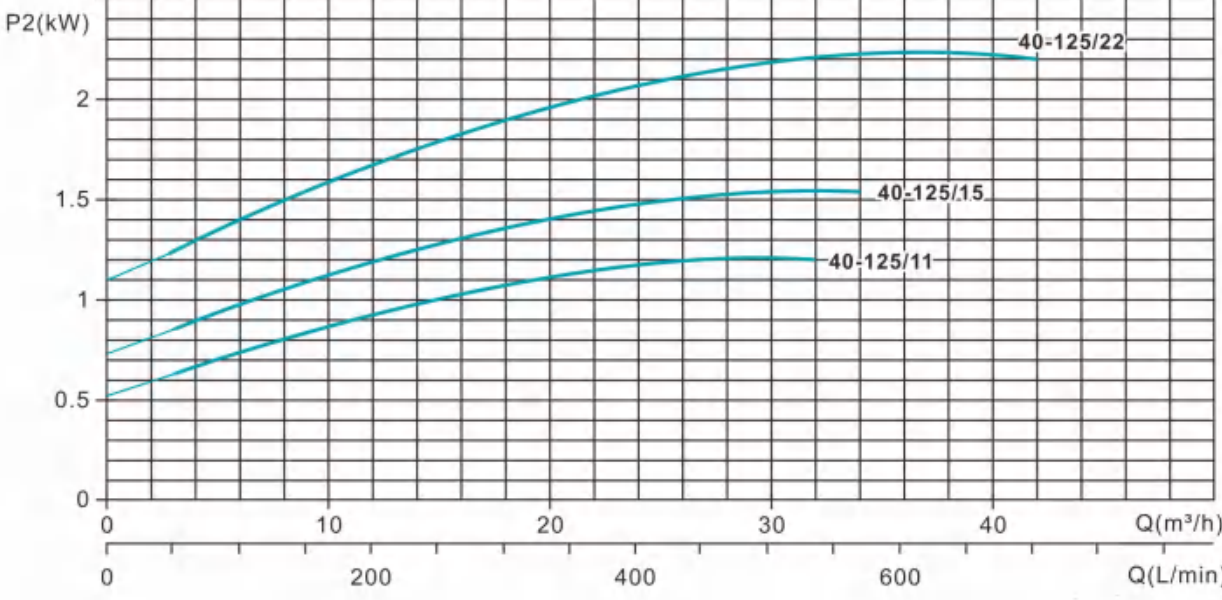
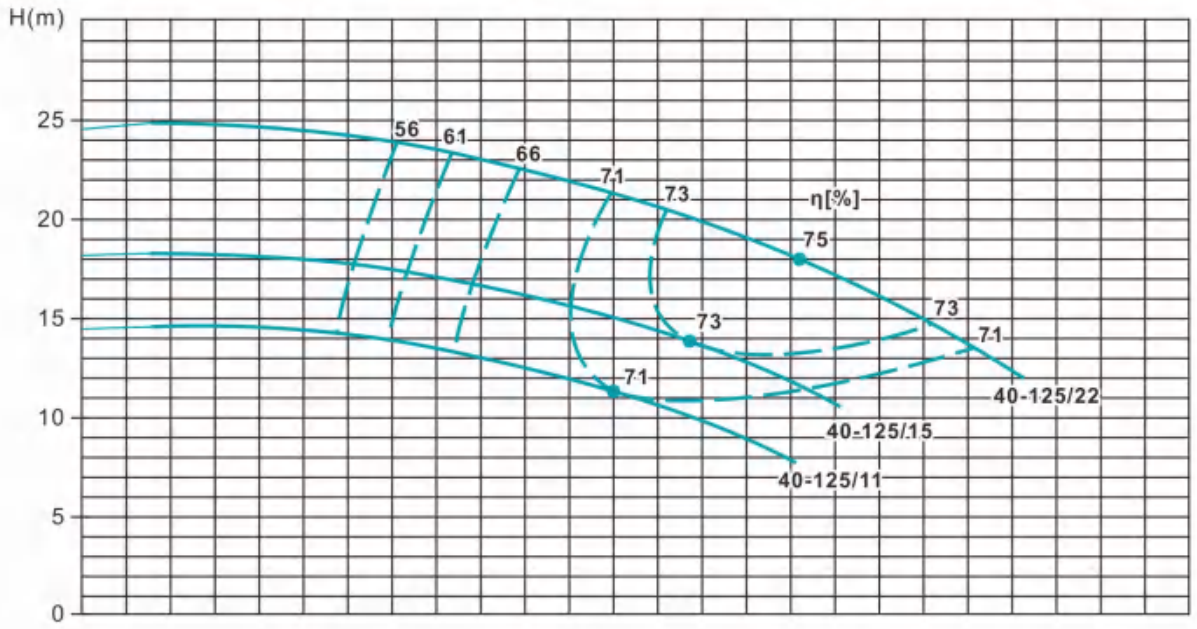
ISO 9906



EST40-125

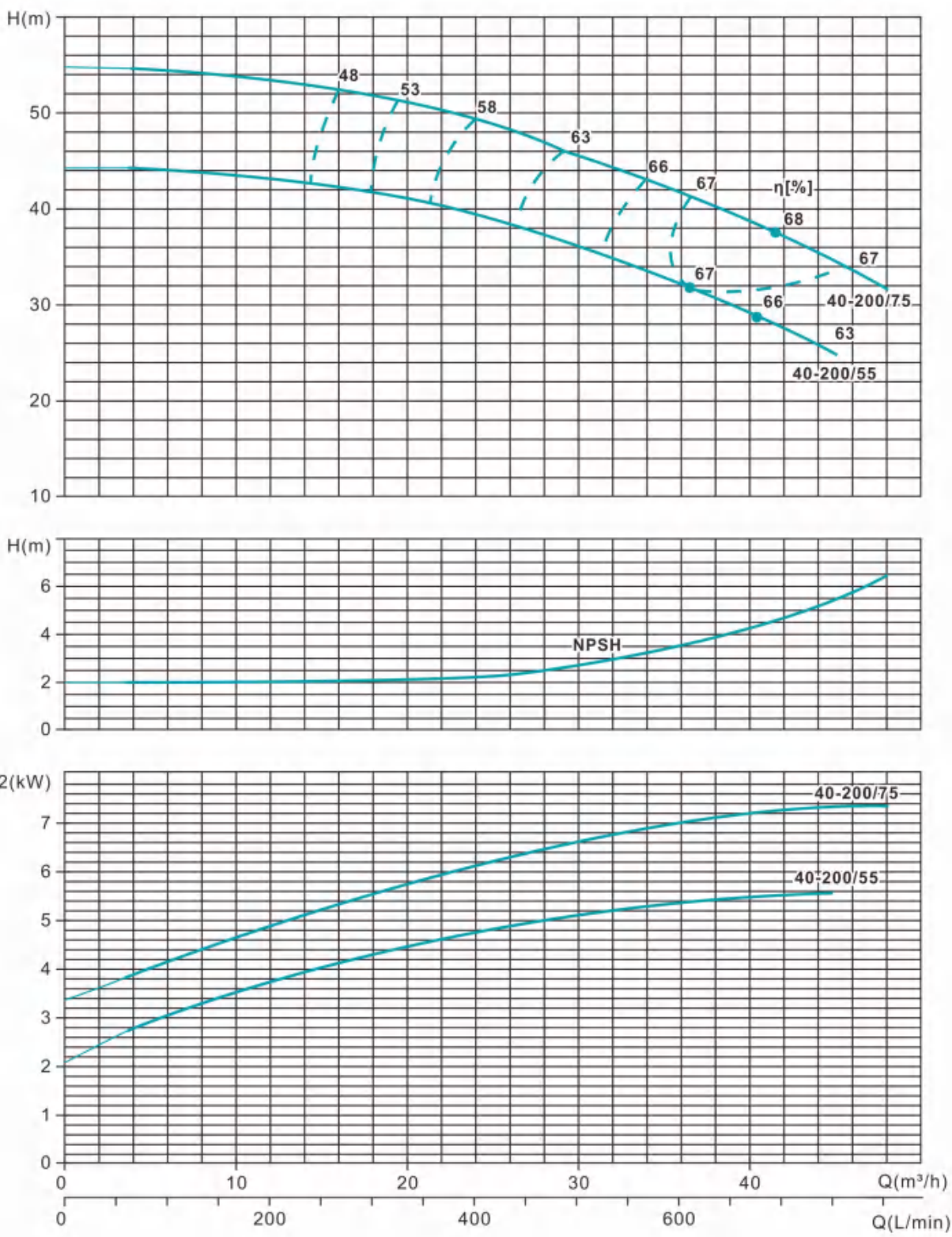
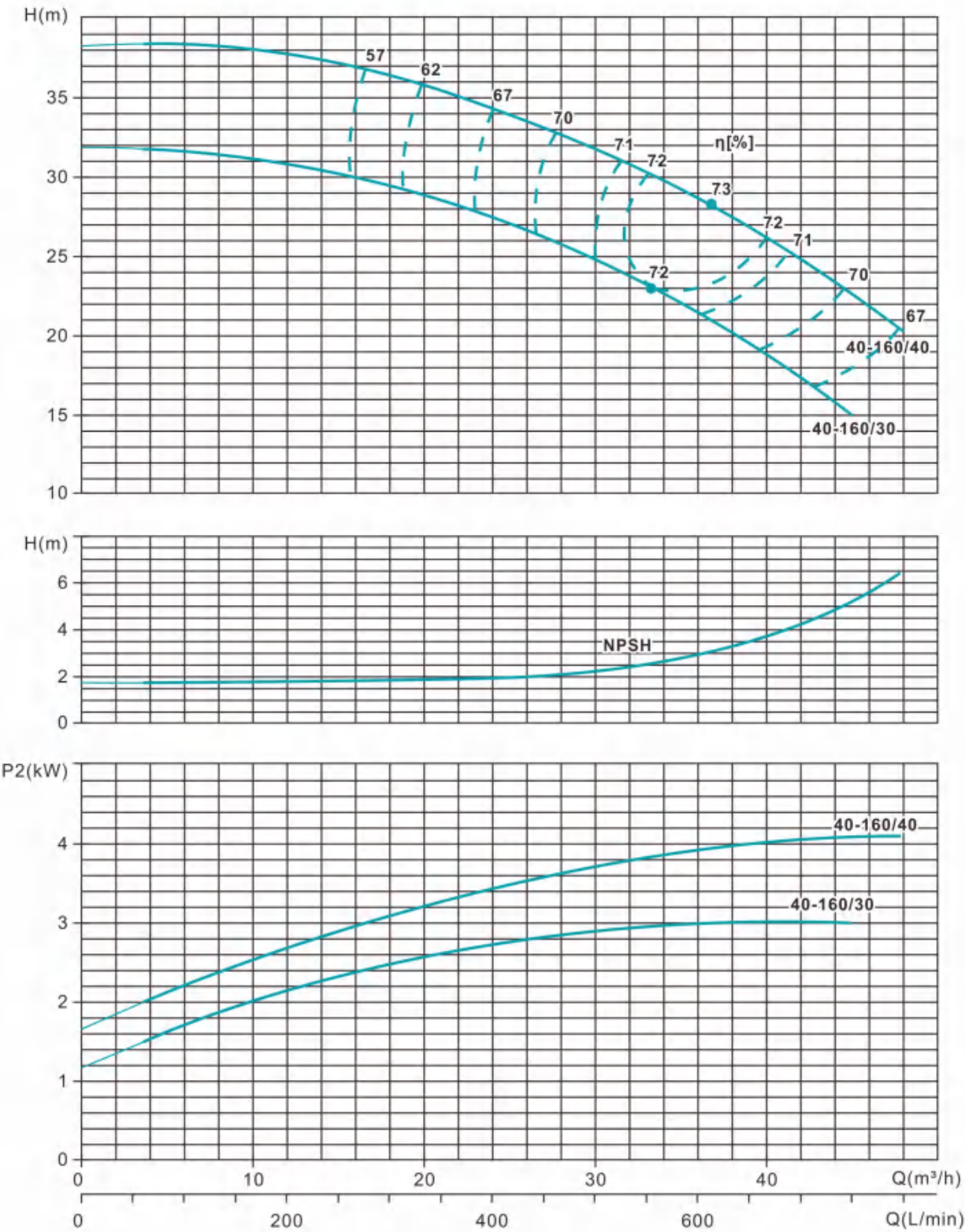
~2900rpm

ISO 9906



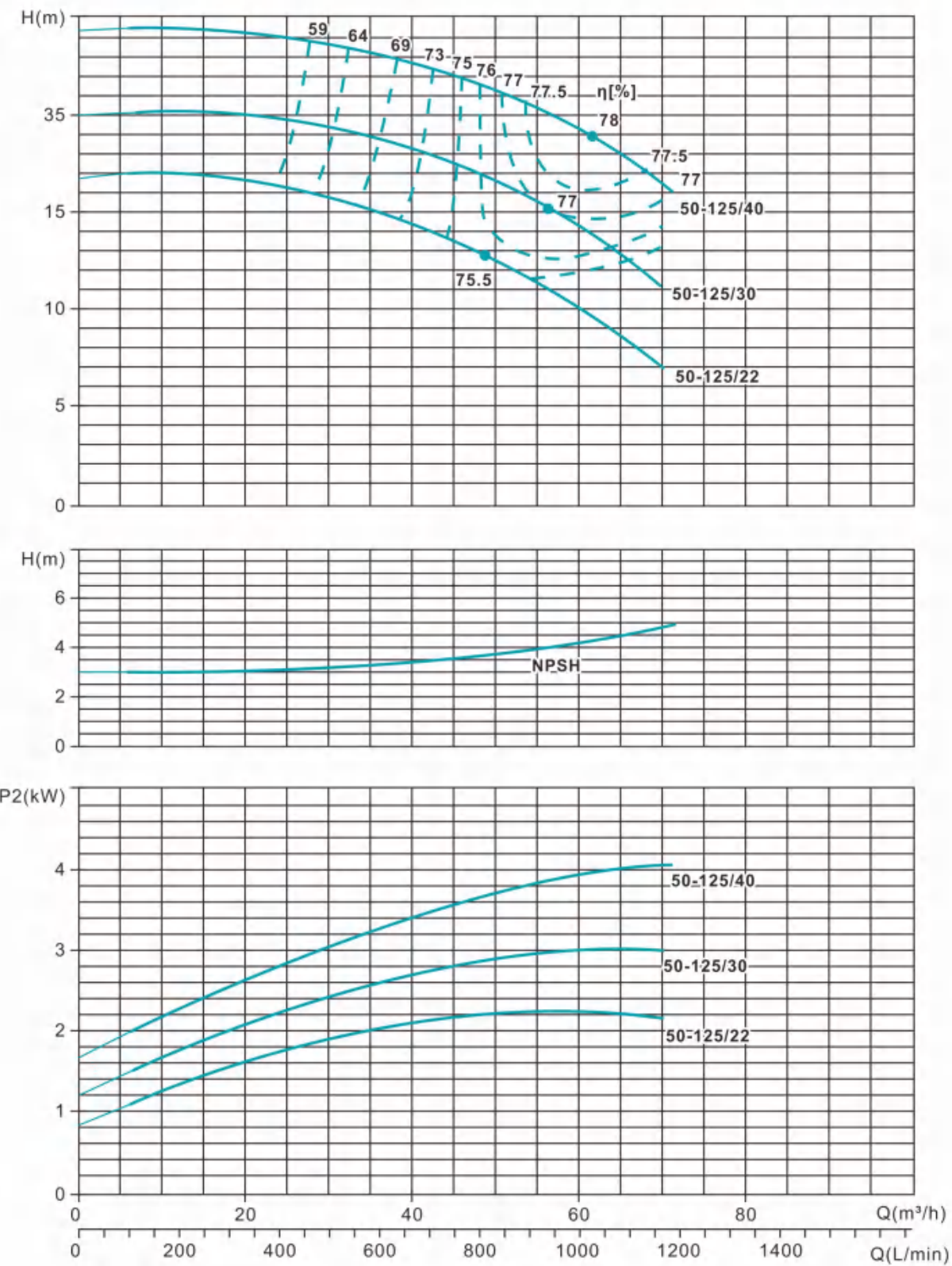
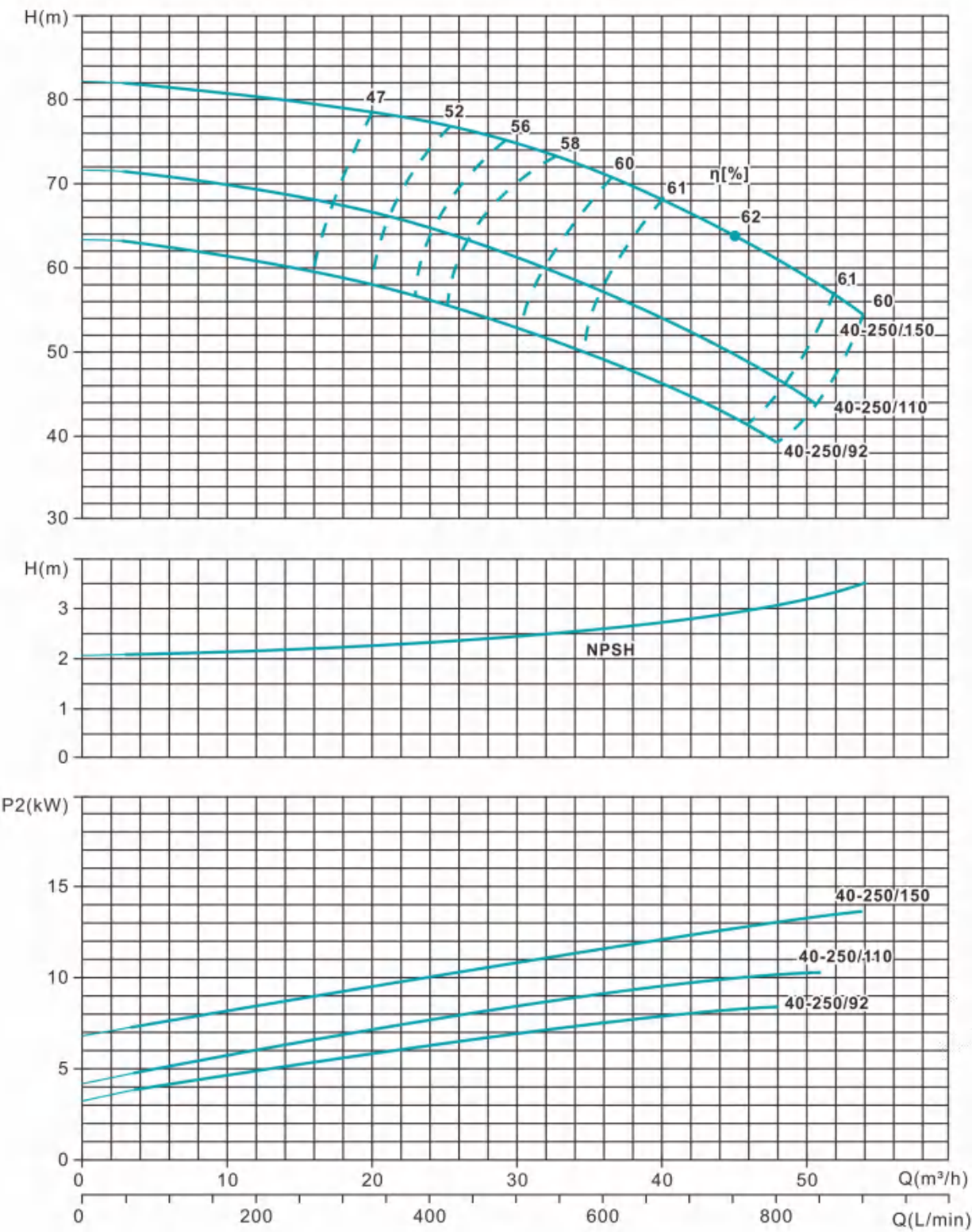
EST40-160 ~2900rpm ISO 9906

EST40-200 ~2900rpm ISO 9906



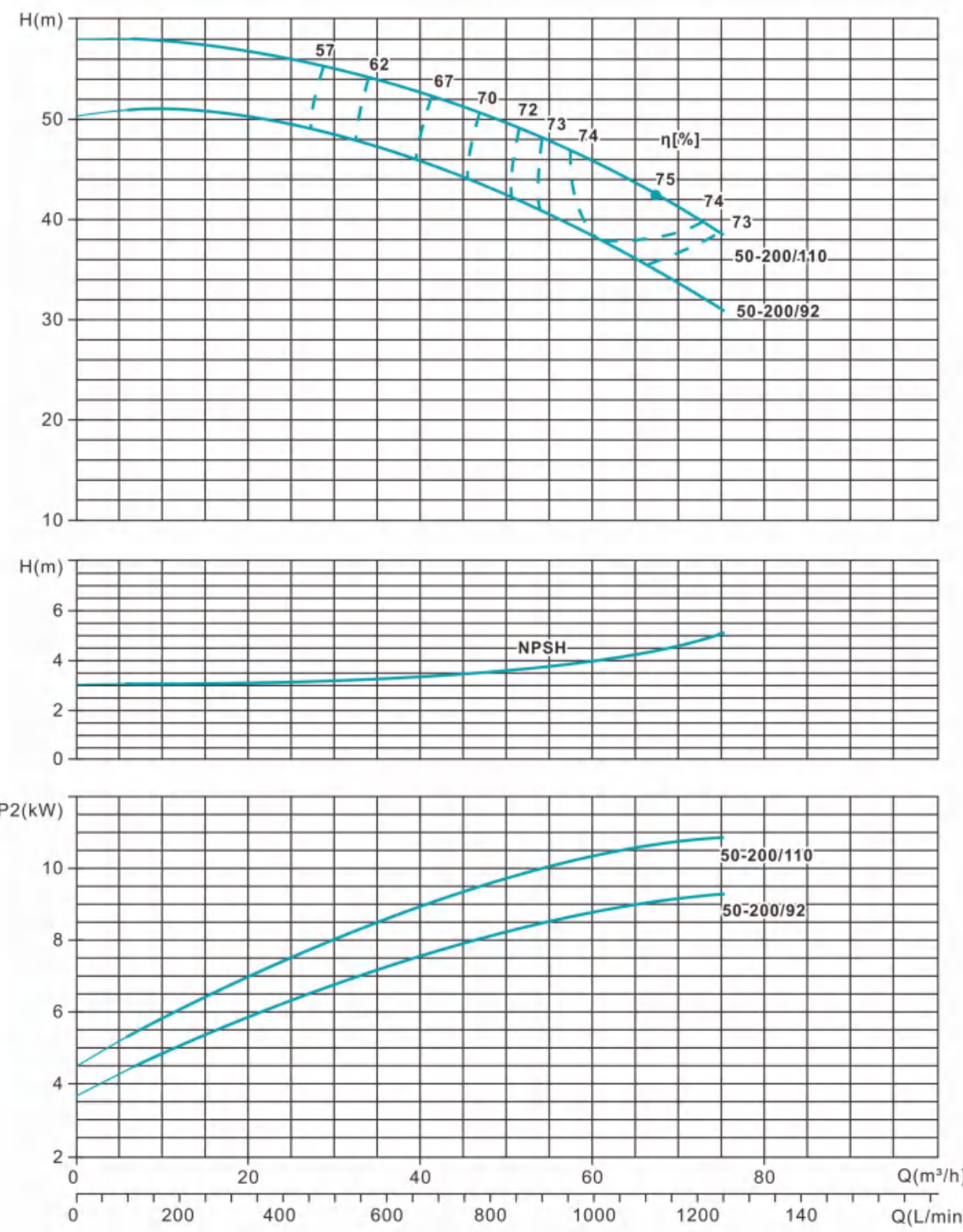
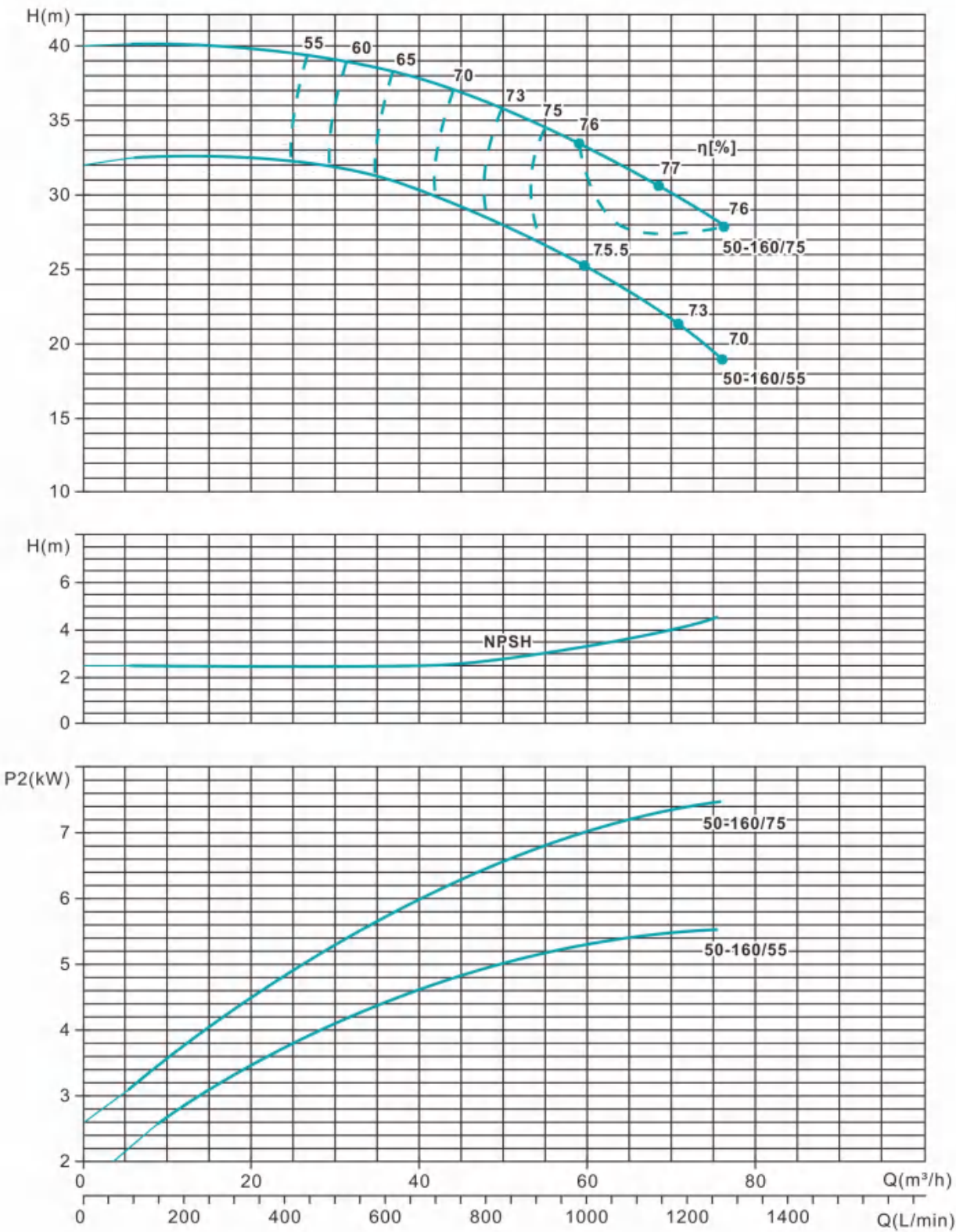
EST40-250 ~2900rpm ISO 9906

EST50-125 ~2900rpm ISO 9906



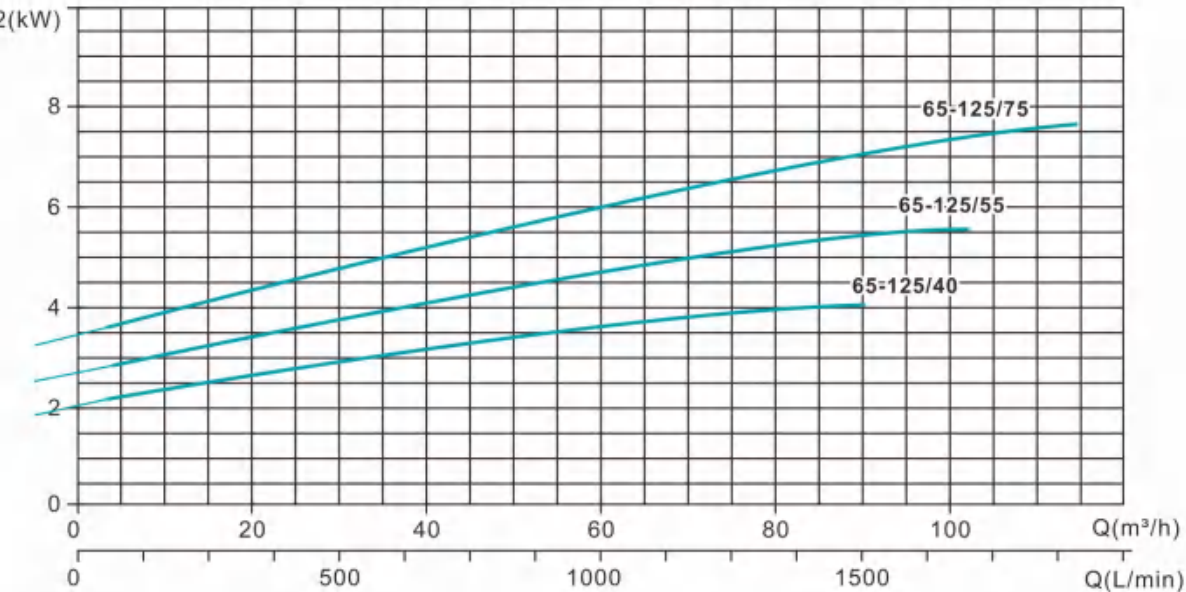
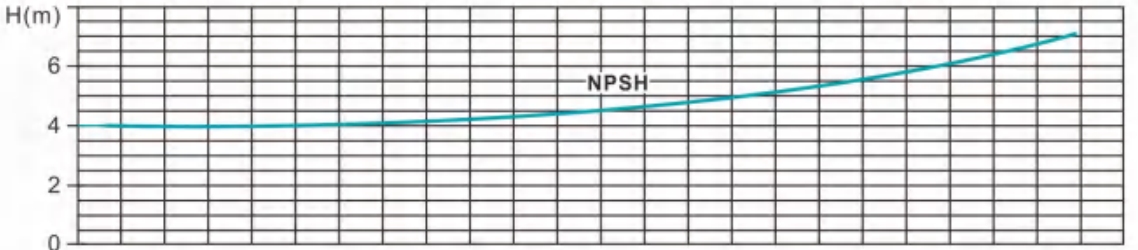
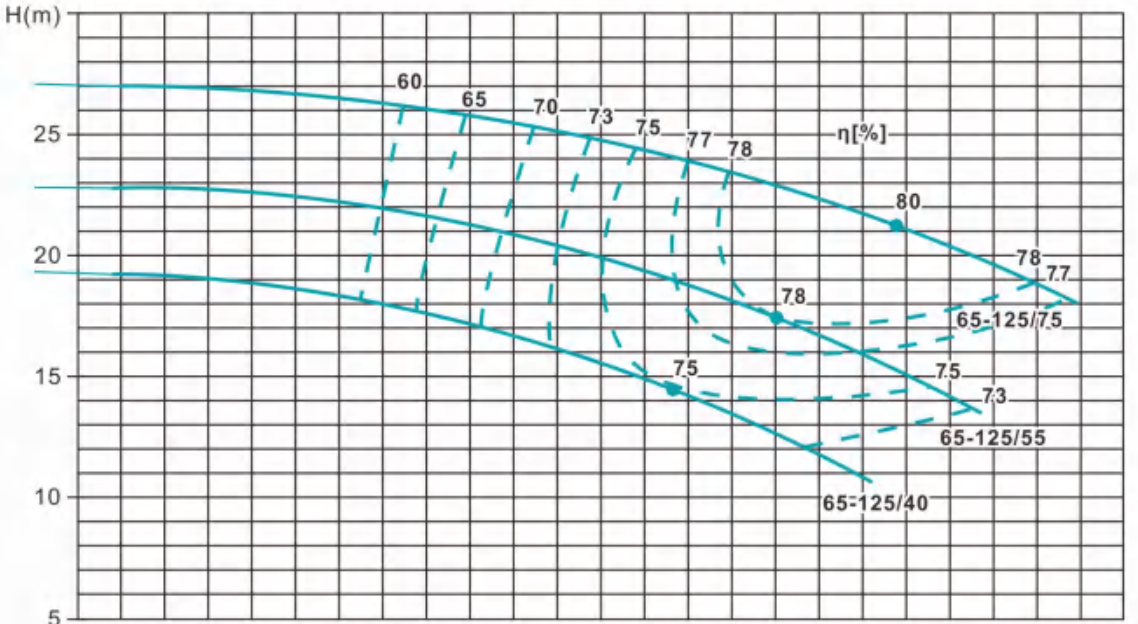
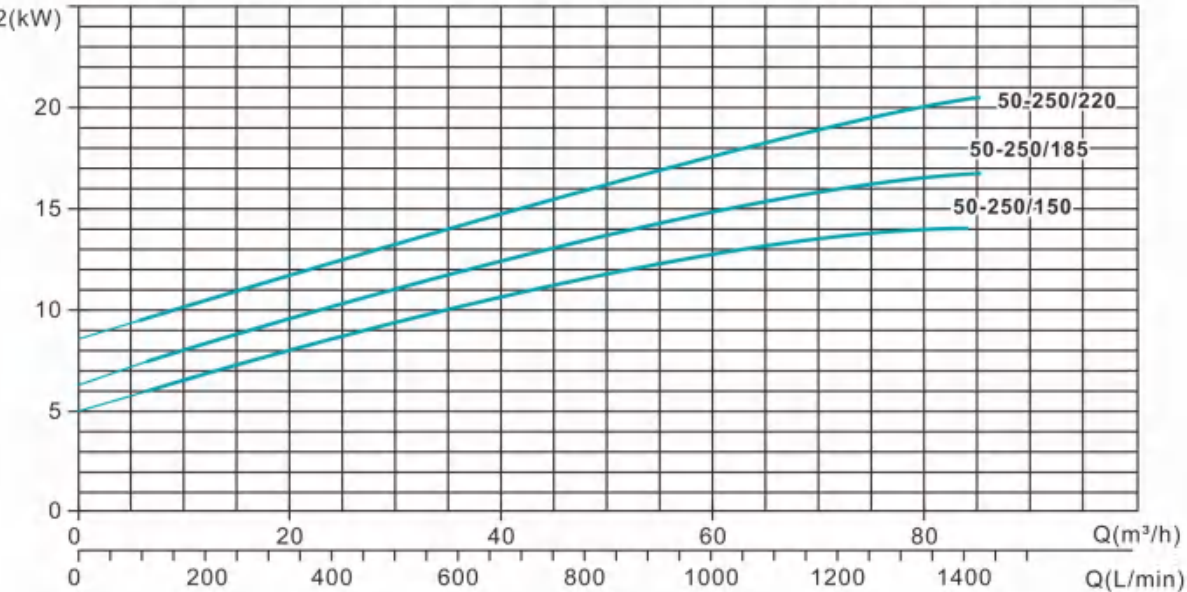
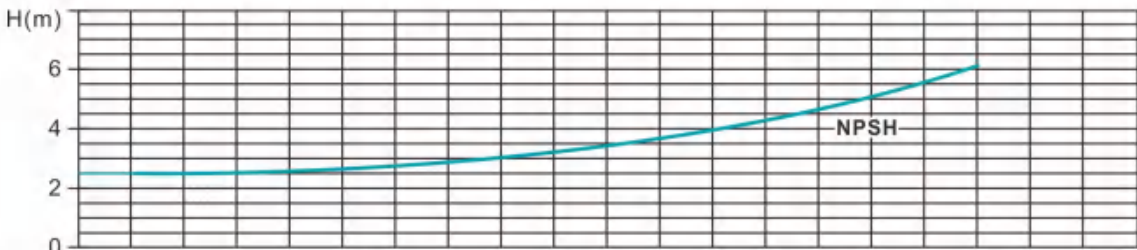
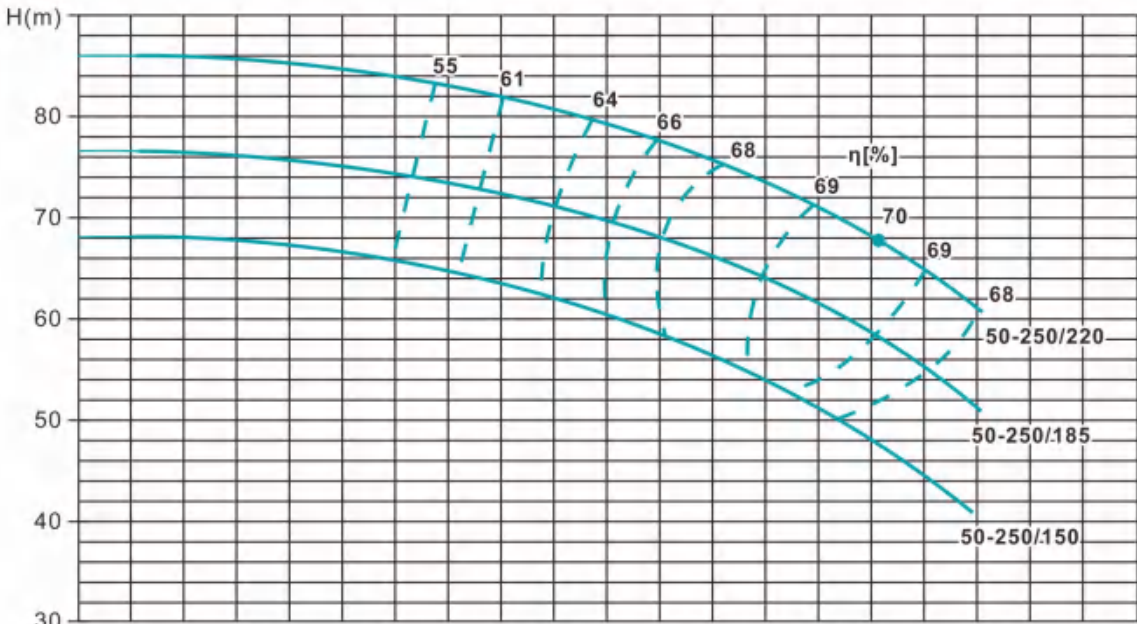
EST50-160 ~2900rpm ISO 9906

EST50-200 ~2900rpm ISO 9906



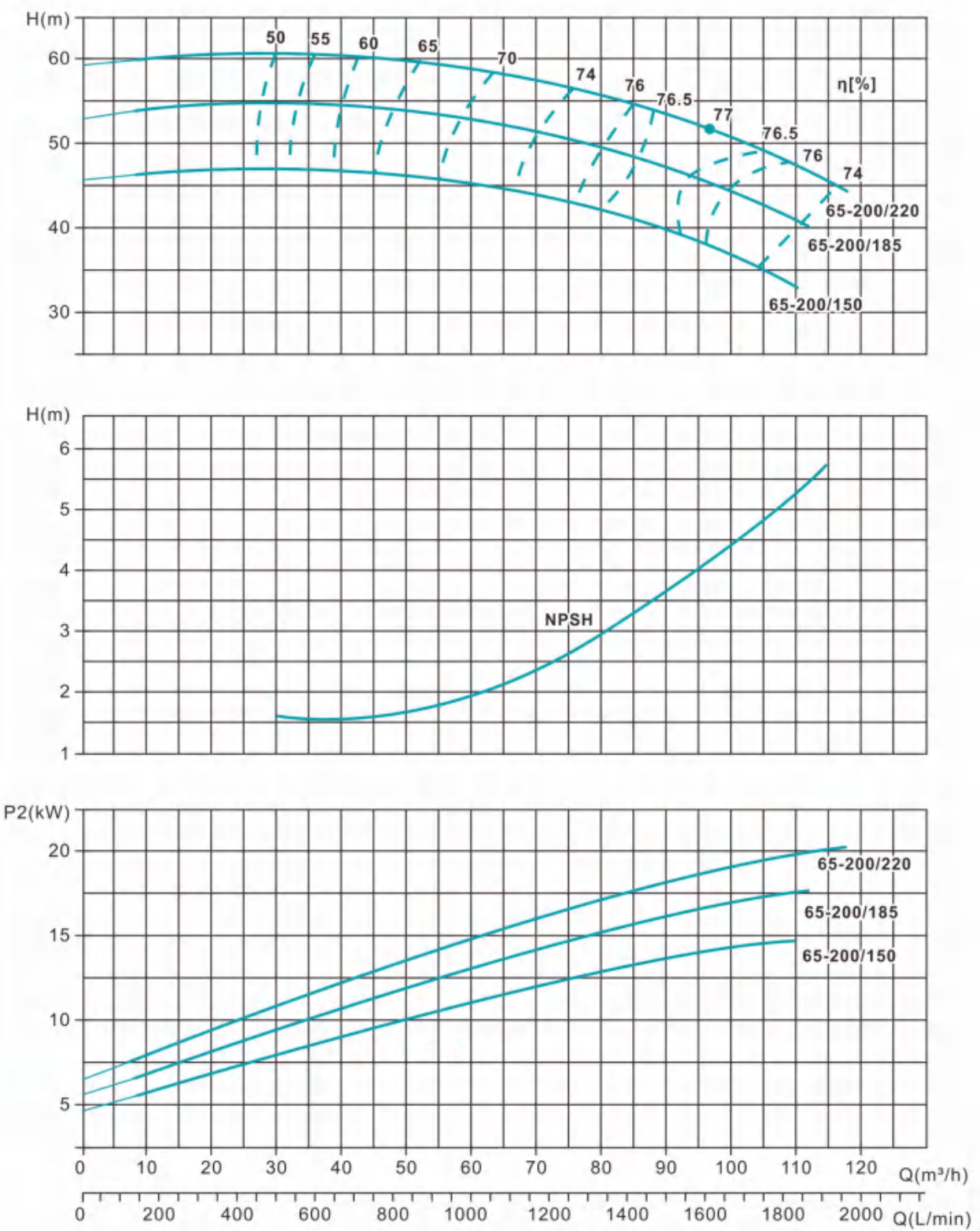
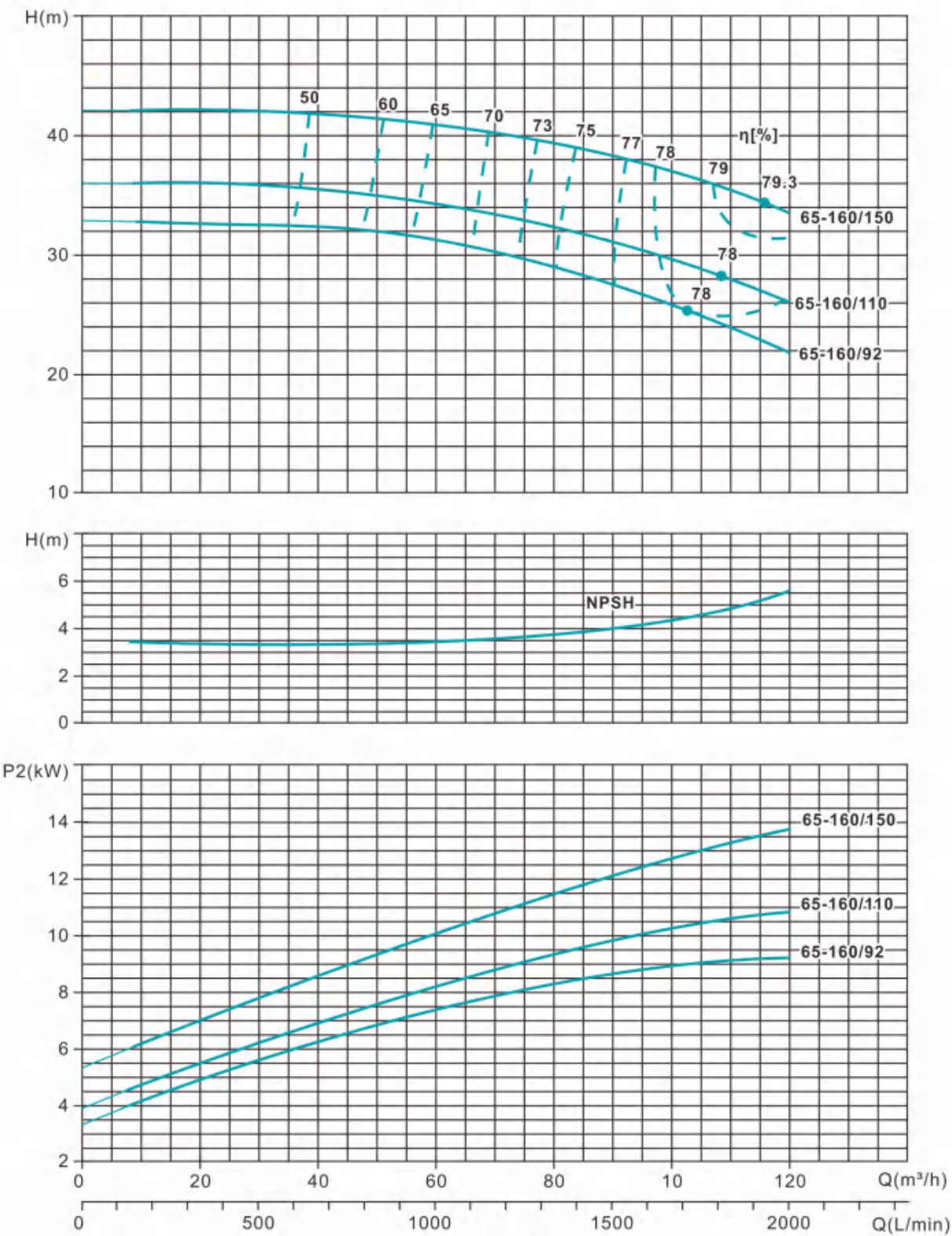
EST50-250 ~2900rpm ISO 9906

EST65-125 ~2900rpm ISO 9906



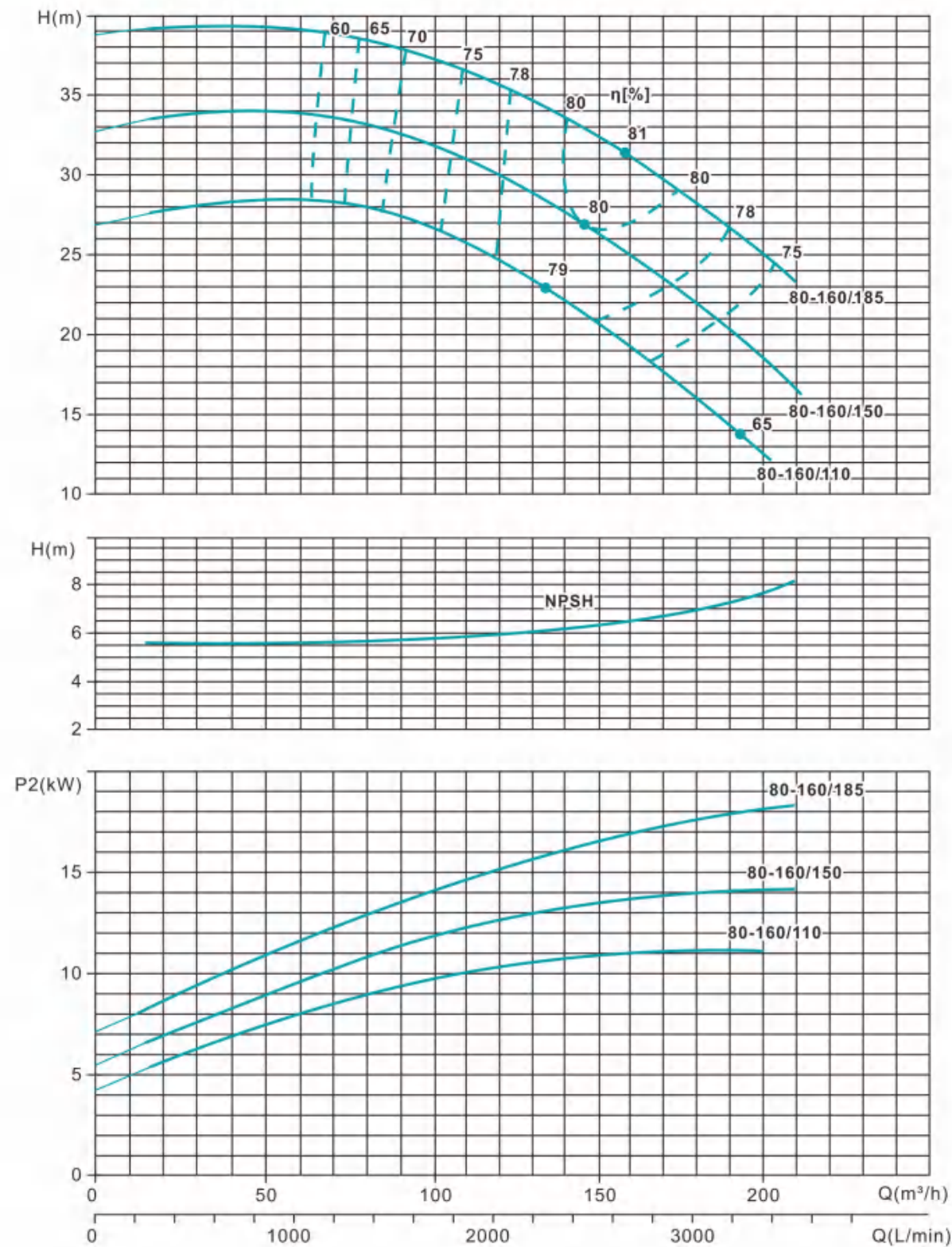
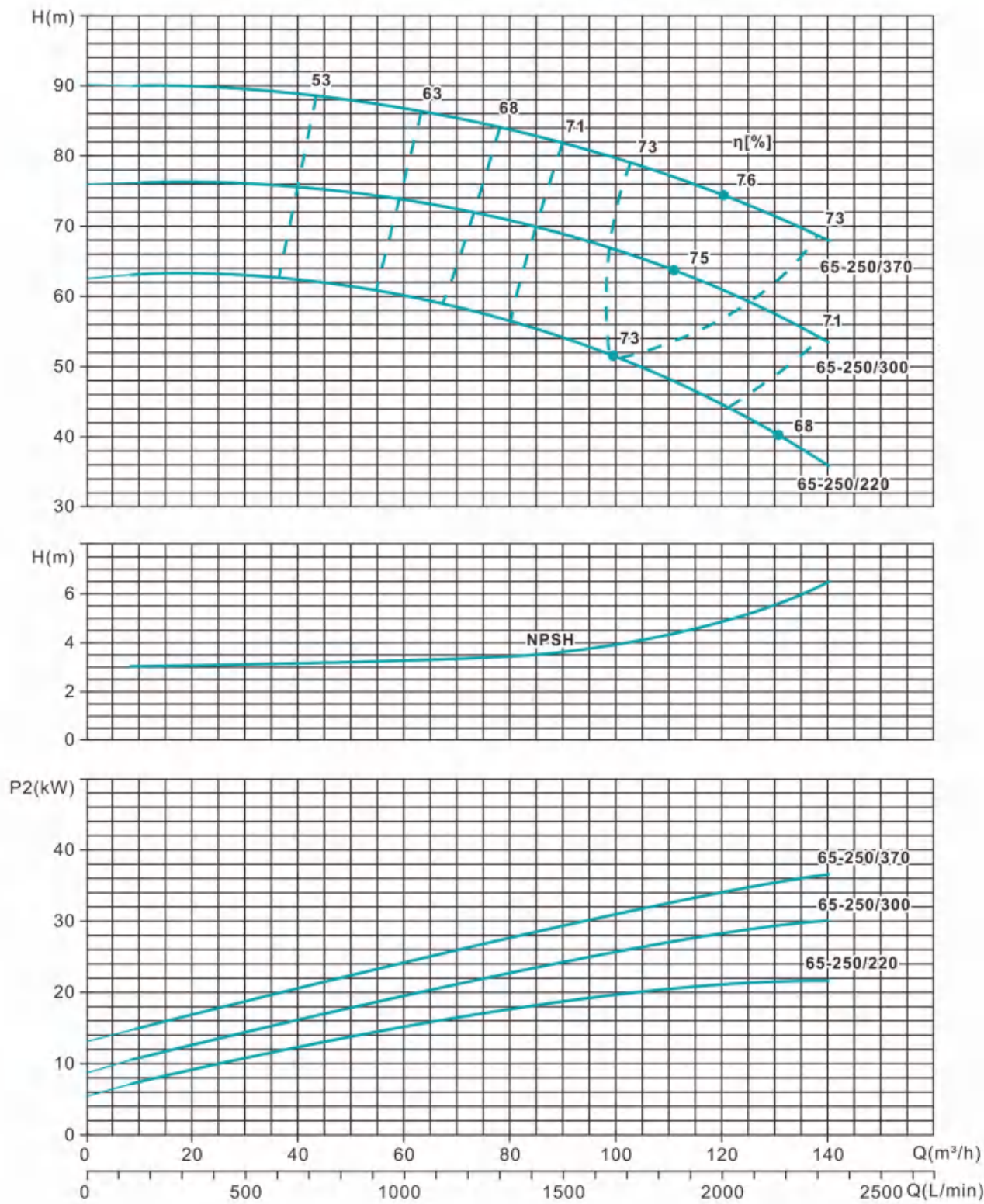
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EST65-200 ~2900rpm ISO 9906



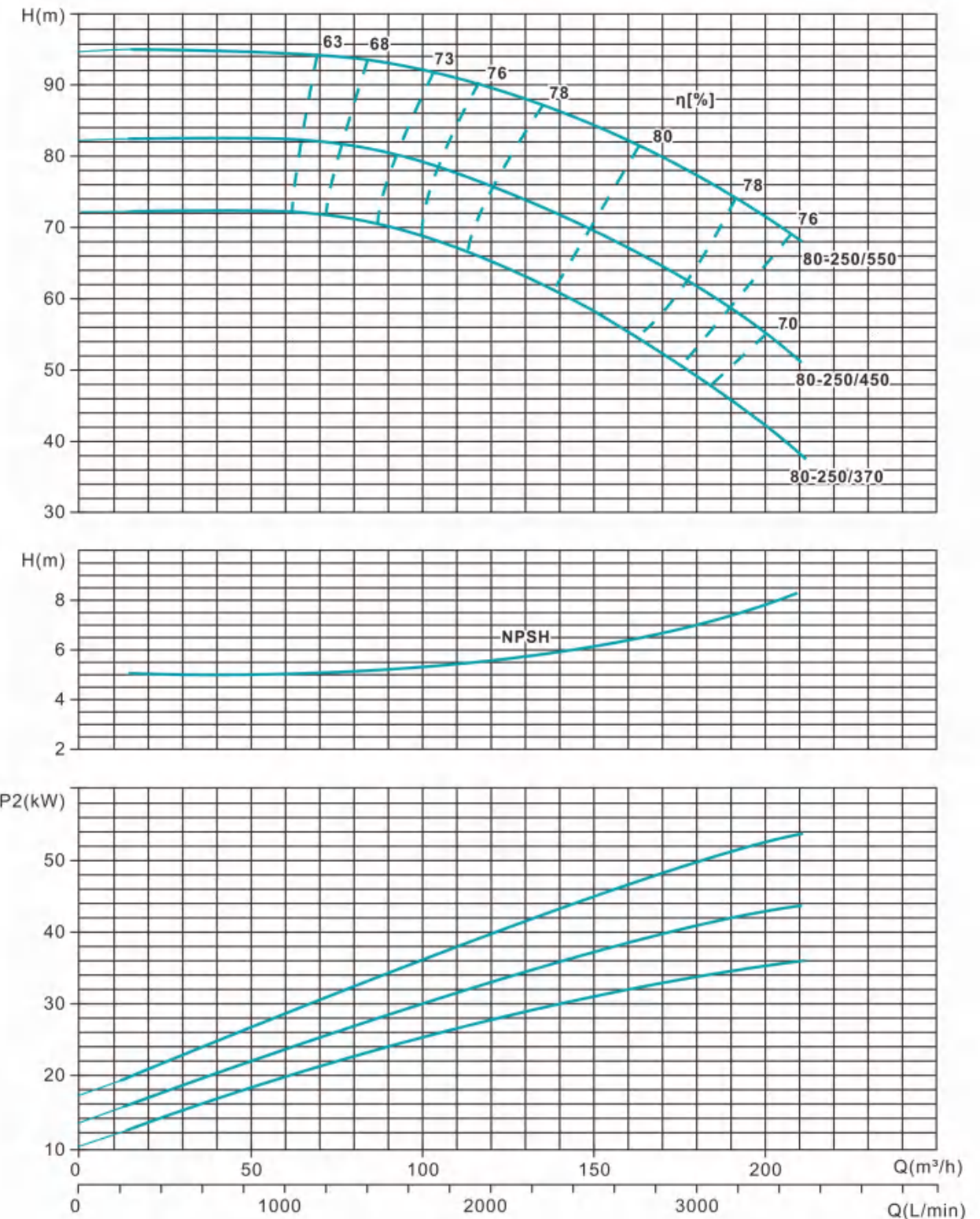
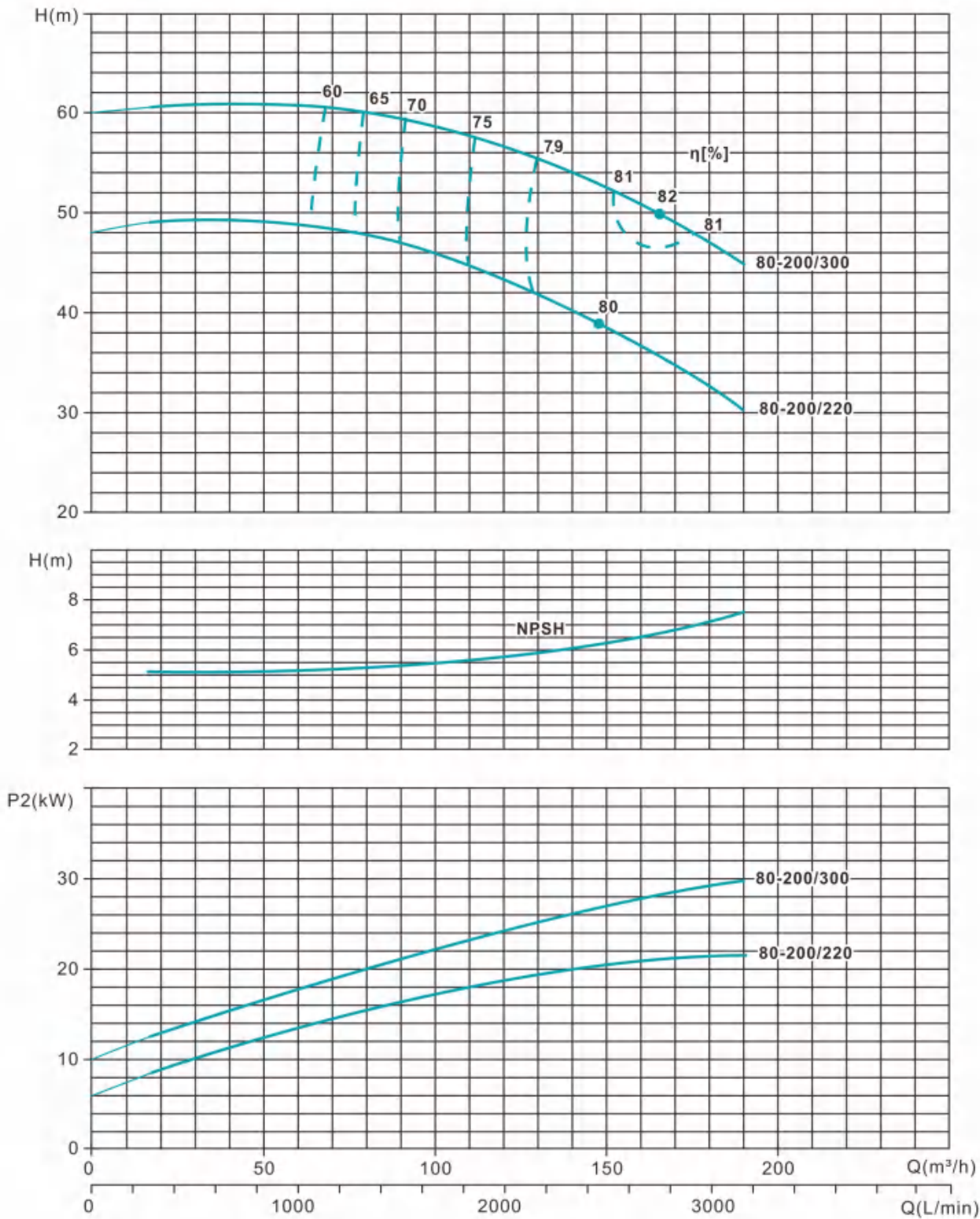
EST65-250 ~2900rpm ISO 9906

EST80-160 ~2900rpm ISO 9906



EST80-200 ~2900rpm ISO 9906

EST80-250 ~2900rpm ISO 9906



Performance Table

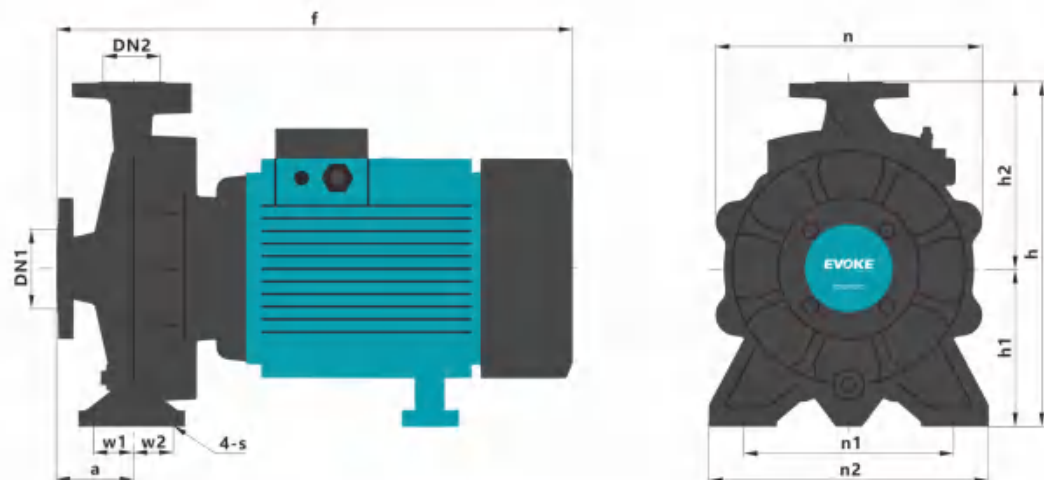
Q=Delivery 50Hz n=2900

Model	DN	Power		GPM	0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608
		kW	HP	L/min	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300
	mm			m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138
EST 32-125/7	50x32	0.75	1		17.5	16.7	15	12	9	-	-	-	-	-	-	-	-	-	-	-	-
EST 32-125/11	50x32	1.1	1.5		22	21	20.2	17	15	9	-	-	-	-	-	-	-	-	-	-	-
EST 32-160/15	50x32	1.5	2		24	23.7	22.5	19.5	16.2	-	-	-	-	-	-	-	-	-	-	-	-
EST 32-160/22	50x32	2.2	3		31	29.6	29	25.5	22.5	15	-	-	-	-	-	-	-	-	-	-	-
EST 32-160/30	50x32	3	4		34.5	33.5	33	29	26.5	20	16.5	-	-	-	-	-	-	-	-	-	-
EST 32-200/30	50x32	3	4		43.2	42	40.5	35.2	32.2	24.6	19.8	-	-	-	-	-	-	-	-	-	-
EST 32-200/40	50x32	4	5.5		52	50.5	50	45.5	41.9	35	30.3	-	-	-	-	-	-	-	-	-	-
EST 32-250/55	50x32	5.5	7.5		60	59.5	59	55	50.2	34.5	-	-	-	-	-	-	-	-	-	-	-
EST 32-250/75	50x32	7.5	10		69.5	69	68.5	66	63	53	-	-	-	-	-	-	-	-	-	-	-
EST 32-250/92	50x32	9.2	12.5		77	75.8	75.7	73.6	70	60	-	-	-	-	-	-	-	-	-	-	-
EST 32-250/110	50x32	11	15		92	90	88.5	82.5	78	66	-	-	-	-	-	-	-	-	-	-	-
EST 32-250/55D	50x32	5.5	7.5		79.5	74.7	71.8	63	56	37.5	-	-	-	-	-	-	-	-	-	-	-
EST 32-250/75D	50x32	7.5	10		95	93	91	83	76	57.8	-	-	-	-	-	-	-	-	-	-	-
EST 40-125/11	65x40	1.1	1.5		14.7	-	-	-	13	11.5	10.1	5.8	-	-	-	-	-	-	-	-	-
EST 40-125/15	65x40	1.5	2		18.1	-	-	-	17	15	13.9	10	6	-	-	-	-	-	-	-	-
EST 40-125/22	65x40	2.2	3		24.5	-	-	-	23.2	21.5	20.2	16	13	8.3	-	-	-	-	-	-	-
EST 40-160/30	65x40	3	4		31.8	-	-	-	29.5	27.5	26.3	21.5	17.5	-	-	-	-	-	-	-	-
EST 40-160/40	65x40	4	5.5		38	-	-	-	36	34	33	28.5	25	20.1	-	-	-	-	-	-	-
EST 40-200/55	65x40	5.5	7.5		44	-	-	-	42	40	38	32	27	-	-	-	-	-	-	-	-
EST 40-200/75	65x40	7.5	10		55	-	-	-	52	49	48	42	37	32	-	-	-	-	-	-	-
EST 40-250/92	65x40	9.2	12.5		64	-	-	-	59	56.5	55	49.5	45	39.8	-	-	-	-	-	-	-
EST 40-250/110	65x40	11	15		72	-	-	-	67.5	65	63.5	57.5	52.2	47	-	-	-	-	-	-	-
EST 40-250/150	65x40	15	20		82	-	-	-	79.3	77.3	76.5	71	66	61	54.8	-	-	-	-	-	-
EST 50-125/22	65x50	2.2	3	H=Head (m)	17	-	-	-	-	-	-	15.4	14	12.8	11.5	6.5	-	-	-	-	-
EST 50-125/30	65x50	3	4		20	-	-	-	-	-	-	18.8	18	17	15.6	11	-	-	-	-	-
EST 50-125/40	65x50	4	5.5		24	-	-	-	-	-	-	23.1	23	21.5	20.3	15.8	11.8	-	-	-	-
EST 50-160/55	65x50	5.5	7.5		32	-	-	-	-	-	-	30.6	30	28	26.6	20.5	14.8	-	-	-	-
EST 50-160/75	65x50	7.5	10		40	-	-	-	-	-	-	38	37	36	34.4	29	24	21	-	-	-
EST 50-200/92	65x50	9.2	12.5		50.5	-	-	-	-	-	-	46.8	45	43	40.9	32.5	26.7	-	-	-	-
EST 50-200/110	65x50	11	15		57.5	-	-	-	-	-	-	53.5	52	50	47.5	40	34	29	-	-	-
EST 50-200/150	65x50	15	20		64	-	-	-	-	-	-	59.5	57.5	55	53	45	39.8	36	-	-	-
EST 50-250/150	65x50	15	20		68.5	-	-	-	-	-	-	64	63	61.5	59	50	41	-	-	-	-
EST 50-250/185	65x50	18.5	25		77	-	-	-	-	-	-	73.2	72	70	68	60.5	51.5	-	-	-	-
EST 50-250/220	65x50	22	30		86.3	-	-	-	-	-	-	83	81.5	80	78	70	61	-	-	-	-
EST 65-125/40	80x65	4	5.5		19	-	-	-	-	-	-	-	-	17.3	16.8	14.5	13	11.8	-	-	-
EST 65-125/55	80x65	5.5	7.5		23	-	-	-	-	-	-	-	-	21.3	20.9	19	17.5	16.7	13.7	-	-
EST 65-125/75	80x65	7.5	10		27	-	-	-	-	-	-	-	-	26	25.6	24.5	23	22.5	20	18	-
EST 65-160/92	80x65	9.2	12.5		33	-	-	-	-	-	-	-	-	31.5	30	28	27.1	24	21.5	-	-
EST 65-160/110	80x65	11	15		36	-	-	-	-	-	-	-	-	34.5	33	31.5	30.8	28	25.5	-	-
EST 65-160/150	80x65	15	20		42	-	-	-	-	-	-	-	-	41	40	38.5	37.8	35	33	29.5	-
EST 65-200/150	80x65	15	20		45.5	-	-	-	-	-	-	-	-	46	43.5	41	39.2	33	-	-	-
EST 65-200/185	80x65	18.5	25		53	-	-	-	-	-	-	-	-	53.5	51.2	49	47	41.5	-	-	-
EST 65-200/220	80x65	22	30		59	-	-	-	-	-	-	-	-	59.5	58	56	55	52	49.5	44.5	-
EST 65-250/220	80x65	22	30		62	-	-	-	-	-	-	-	-	61.6	58.2	56.5	58.5	53	50	-	-
EST 65-250/300	80x65	30	40		76	-	-	-	-	-	-	-	-	75	73	70	69	64	61	54	-
EST 65-250/370	80x65	37	50		90	-	-	-	-	-	-	-	-	88	86	84	82	78	74	68	-

Performance Table

Q=Delivery 50Hz n=2900

Model	DN	Power		GPM	0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	
		kW	HP	L/min	0	1000	1500	2000	2400	3000	3333	3500	3667	4000	4667	5000	6000	6667	
	mm			m³/h	0	60	90	120	144	180	200	210	220	240	280	300	360	400	
EST 65-315/450	80x65	45	60	H= Head (m)	102	98	94.5	90	83	-	-	-	-	-	-	-	-	-	
EST 65-315/550	80x65	55	75		122	120	114.5	110	100	76	-	-	-	-	-	-	-	-	-
EST 65-315/750	80x65	75	100		141	141	134.5	130	120	96	78	65.5	-	-	-	-	-	-	-
EST 65-315/900	80x65	90	125		151	150	144.5	140	130	106	88	75.5	-	-	-	-	-	-	-
EST 80-125/40	100x80	4	5.5		17	15	12.3	7.5	-	-	-	-	-	-	-	-	-	-	-
EST 80-125/55	100x80	5.5	7.5		21	19.6	17.4	13.4	9.5	-	-	-	-	-	-	-	-	-	-
EST 80-125/75	100x80	7.5	10		26	24.8	23	19.5	16.5	-	-	-	-	-	-	-	-	-	-
EST 80-160/110	100x80	11	15		27	27	27.3	24.5	22	16	-	-	-	-	-	-	-	-	-
EST 80-160/150	100x80	15	20		32.8	32.6	32.5	30.2	27.5	22.1	18.5	16.7	-	-	-	-	-	-	-
EST 80-160/185	100x80	18.5	25		39	38.5	38	35.7	33.5	28.8	25.3	23.5	-	-	-	-	-	-	-
EST 80-200/220	100x80	22	30		48	47.7	47.5	43.5	40.5	32.5	27.2	24.5	-	-	-	-	-	-	-
EST 80-200/300	100x80	30	40		60	59.7	59.5	57	54	47	42.7	40.5	-	-	-	-	-	-	-
EST 80-250/370	100x80	37	50		71.5	70.9	70.5	65.5	61	49.5	43.2	38.5	-	-	-	-	-	-	-
EST 80-250/450	100x80	45	60		82	86.7	80.5	76.5	71.5	62	60	51	-	-	-	-	-	-	-
EST 80-250/550	100x80	55	75		95	94.5	93.5	89.9	86.5	77.6	72.1	68.3	-	-	-	-	-	-	-
EST 80-315/450	100x80	45	60		85	84	82.6	82	78	68.3	61	56	-	-	-	-	-	-	-
EST 80-315/550	100x80	55	75		98	97	95.6	95	91	81.3	74	69	-	-	-	-	-	-	-
EST 80-315/750	100x80	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8	-	-	-	-	-
EST 80-315/900	100x80	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8	-	-	-	-	-
EST 100-160/150	125x100	15	20		36.5	34.7	33.6	31	28.5	25	21.8	21.5	18.5	15.1	-	-	-	-	-
EST 100-160/185	125x100	18.5	25		40	38.7	37.6	35.3	32.9	29.5	26	25.5	22.2	18.1	-	-	-	-	-
EST 100-160/220	125x100	22	30		44.5	42.2	41.1	38.6	35.9	32	28.8	28.5	25.5	22.1	-	-	-	-	-
EST 100-200/220	125x100	22	30		40.3	38.2	37	34.9	32.7	29.3	27.4	27.5	25.5	23.3	16.6	13.2	-	-	-
EST 100-200/300	125x100	30	40		46.3	44	43.3	41.3	39.8	37.5	34.8	34.5	32.2	29.4	22	18.2	-	-	-
EST 100-200/370	125x100	37	50		56.8	54.5	52.3	51.7	50.2	47.8	45.6	45.5	43.3	40.9	33.1	29.2	-	-	-
EST 100-250/450	125x100	45	60		66.8	66.5	65.3	64.1	62	58.8	56.6	56.5	53.8	50.4	39.3	33.7	-	-	-
EST 100-250/550	125x100	55	75		78.8	77.5	76.8	76.1	74.8	72.8	72.3	73	71.2	69.4	62.6	59.2	-	-	-
EST 100-250/750	125x100	75	100		92.8	92.5	91.8	90.8	89	86.3	84.6	84.8	82	78.4	72	68.7	48.2	-	-
EST 100-250/900	125x100	90	125		101.8	101.5	100.8	99.8	98	95.3	93.6	93.8	91	87.4	81	77.7	57.2	-	-
EST 100-315/750	125x100	75	100		81.4	-	-	79.6	77.7	74.8	73.6	74.3	73	71.1	68.3	64.2	52.2	-	-
EST 100-315/900	125x100	90	125	101.5	-	-	99.6	97.7	94.8	93.6	94.3	93	91.1	88.3	84.2	72.2	-	-	
EST 100-315/1100	125x100	110	150	119.6	-	-	117.6	115.7	112.8	111.6	112.3	111	109.1	106.3	102.2	90.2	-	-	
EST 100-315/1320	125x100	132	180	132	-	-	128.6	126.7	123.8	122.6	123.3	122	120.1	117.3	112.2	101.2	-	-	
EST 125-200/450	150x125	45	60	40.6	-	-	40.4	40.2	39.8	39.5	40.4	39.3	37.9	35.3	34.2	28.8	25.2	-	
EST 125-200/550	150x125	55	75	51.6	-	-	50.4	50.2	49.8	49.5	50.4	49.3	47.9	45.3	44.2	38.8	35.2	-	
EST 125-200/750	150x125	75	100	63	-	-	61.4	61.2	60.8	60.5	61.4	60.3	58.9	56.3	55.2	49.8	46.2	-	
EST 125-250/550	150x125	55	75	71	-	-	68.1	67	64.8	63.6	63.5	61.5	59.9	54.3	50.7	-	-	-	
EST 125-250/750	150x125	75	100	82	-	-	77.6	76.5	74.8	73.6	73.5	72	70.4	67.3	65.2	56.2	-	-	
EST 125-250/900	150x125	90	125	88	-	-	85.1	83.5	81.8	80.1	80.5	78.5	77.4	73.8	71.7	65.2	60.2	-	



Installation Dimension

Model	Dimensions												
	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w1	w2	s
EST 32-125/7	50	32	80	435	255	114	141	202	140	190	35	35	15
EST 32-125/11	50	32	80	435	255	114	141	202	140	190	35	35	15
EST 32-160/15	50	32	83	435	295	133	162	245	190	245	35	35	15
EST 32-160/22	50	32	83	435	295	133	162	245	190	245	35	35	15
EST 32-160/30	50	32	83	470	295	133	162	245	190	245	35	35	15
EST 32-200/30	50	32	82	490	342	161	181	265	190	240	35	35	15
EST 32-200/40	50	32	82	490	342	161	181	265	190	240	35	35	15
EST 32-250/55-75	50	32	88	590	405	186	219	333	250	328	50	50	16
EST 32-250/92	50	32	88	590	405	186	219	333	250	328	50	50	16
EST 32-250/110	50	32	88	590	405	186	219	333	250	328	50	50	16
EST 32-250/55D-75D	50	32	160	610	362	162	200	330	216	280	37.5	37.5	14
EST 40-125/11	65	40	82	440	260	116	144	220	160	212	37.5	37.5	15
EST 40-125/15	65	40	82	440	260	116	144	220	160	212	37.5	37.5	15
EST 40-125/22	65	40	82	440	260	116	144	220	160	212	37.5	37.5	15
EST 40-160/30	65	40	80	490	305	135	170	250	190	241	37.5	37.5	15
EST 40-160/40	65	40	80	490	305	135	170	250	190	241	37.5	37.5	15
EST 40-200/55-75	65	40	102	560	345	162	183	282	214	267	37.5	37.5	15
EST 40-250/92	65	40	94	712	415	186	229	327	250	327	50	50	15
EST 40-250/110	65	40	94	712	415	186	229	327	250	327	50	50	15
EST 40-250/150	65	40	94	712	415	186	229	327	250	327	50	50	15
EST 50-125/22	65	50	102	525	305	135	170	263	190	245	37.5	37.5	15
EST 50-125/30	65	50	102	525	305	135	170	263	190	245	37.5	37.5	15
EST 50-125/40	65	50	102	525	305	135	170	263	190	245	37.5	37.5	15
EST 50-160/55-75	65	50	110	560	348	164	184	270	212	262	37.5	37.5	15
EST 50-200/92	65	50	104	722	392	186	206	307	232	310	37.5	37.5	15
EST 50-200/110	65	50	104	722	392	186	206	307	232	310	37.5	37.5	15
EST 50-200/150	65	50	104	722	392	186	206	307	232	310	37.5	37.5	15
EST 50-250/150-220	65	50	102	720	416	186	230	330	250	327	50	50	15
EST 65-125/40	80	65	104	580	345	162	183	275	212	280	50	50	15
EST 65-125/55-75	80	65	104	580	345	162	183	275	212	280	50	50	15
EST 65-160/92	80	65	110	730	425	186	239	330	232	309	50	50	15
EST 65-160/110	80	65	110	730	425	186	239	330	232	309	50	50	15
EST 65-160/150	80	65	110	730	425	186	239	330	232	309	50	50	15
EST 65-200/150-220	80	65	111	740	425	186	239	330	232	309	50	50	15
EST 80-125/40	100	80	117	750	357	163	194	330	212	280	50	50	15
EST 80-125/55-75	100	80	117	750	357	163	194	330	212	280	50	50	15
EST 80-160/110	100	80	88	750	435	186	249	330	255	332	50	50	15
EST 80-160/150-185	100	80	88	750	435	186	249	330	255	332	50	50	15
EST 100-160/150-220	125	100	100	765	435	186	249	345	262	340	55	55	16

Installation Dimension

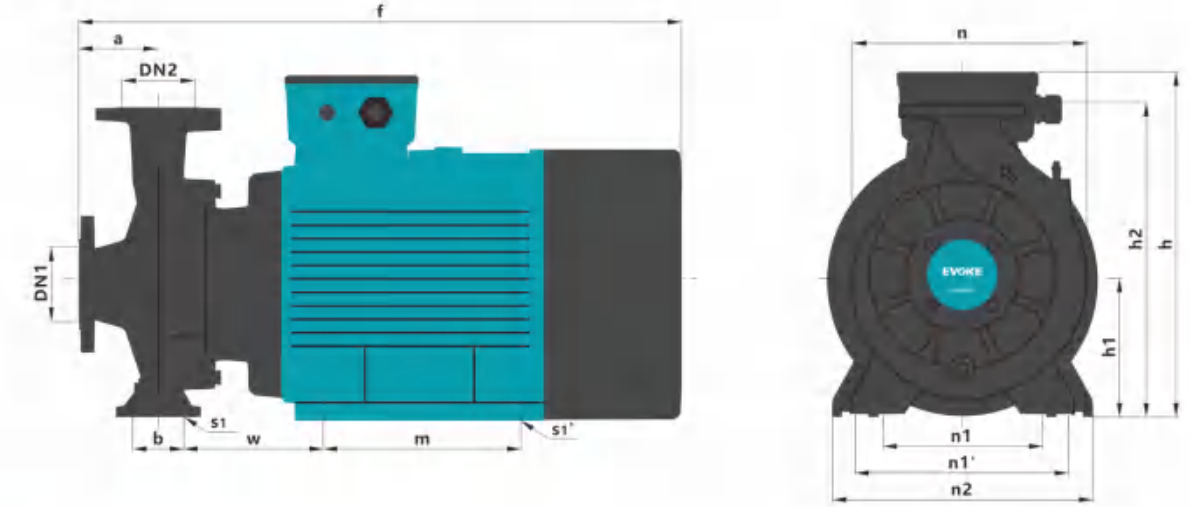
Model	Dimensions															
	DN1	DN2	a	f	h	h1	h2	n	n1	n1'	n2	b	w	m	s1	s1'
EST 65-250/220	80	65	116	870	420	180	420	369	280	279	360	120	237	241	18	15
EST 65-250/300	80	65	116	990	420	180	420	369	280	318	360	120	278	305	18	18
EST 65-250/370	80	65	116	990	420	180	420	369	280	318	360	120	278	305	18	18
EST 65-315/450	80	65	125	1069	505	225	505	440	280	356	360	120	324	311	18	18
EST 65-315/550	80	65	125	1160	505	225	505	440	280	406	360	120	373	349	18	24
EST 65-315/750	80	65	125	1232	505	225	505	440	280	457	360	120	395	368	18	24
EST 65-315/900	80	65	125	1283	505	225	505	440	280	457	360	120	395	419	18	24
EST 80-200/220	100	80	125	880	460	250	460	360	280	279	345	95	251	241	14	15
EST 80-200/300	100	80	125	950	460	250	460	360	280	318	345	95	242	305	14	18
EST 80-250/370	100	80	125	950	535	250	535	410	315	318	400	120	229	305	18	18
EST 80-250/450	100	80	125	980	535	250	535	410	315	356	400	120	235	311	18	18
EST 80-250/550	100	80	125	1160	535	250	535	410	315	406	400	120	373	349	18	24
EST 80-315/450	100	80	125	1069	565	250	565	452	315	356	400	120	324	311	18	18
EST 80-315/550	100	80	125	1160	565	250	565	452	315	406	400	120	373	349	18	24
EST 80-315/750	100	80	125	1232	565	250	565	452	315	457	400	120	395	368	18	24
EST 80-315/900	100	80	125	1283	565	250	565	452	315	457	400	120	395	419	18	24
EST 100-200/220	125	100	125	910	530	225	530	422	280	279	360	120	268	241	18	15
EST 100-200/300	125	100	125	1025	530	225	530	422	280	318	360	120	304	305	18	18
EST 100-200/370	125	100	125	1025	530	225	530	422	280	318	360	120	304	305	18	18
EST 100-250/450	125	100	140	1000	580	250	580	450	315	356	400	120	240	311	18	18
EST 100-250/550	125	100	140	1180	580	250	580	450	315	406	400	120	378	349	18	24
EST 100-250/750	125	100	140	1250	580	250	580	450	315	457	400	120	398	368	18	24
EST 100-250/900	125	100	140	1300	580	250	580	422	315	457	400	120	397	419	18	24
EST 100-315/750	125	100	140	1262	625	250	625	480	315	457	400	120	410	368	19	24
EST 100-315/900	125	100	140	1313	625	250	625	480	315	457	400	120	410	419	19	24
EST 100-315/1100	125	100	140	1474	625	250	625	480	315	508	400	120	436	406	19	28
EST 100-315/1320	125	100	140	1584	625	250	625	480	315	508	400	120	436	457	19	28
EST 125-200/450	150	125	140	1099	565	250	565	422	315	356	400	120	339	311	19	18
EST 125-200/550	150	125	140	1190	565	250	565	422	315	406	400	120	388	349	19	24
EST 125-200/750	150	125	140	1262	565	250	565	422	315	457	400	120	410	368	19	24
EST 125-250/550	150	125	140	1190	605	250	605	500	315	406	400	120	388	349	19	24
EST 125-250/750	150	125	140	1262	605	250	605	500	315	457	400	120	410	368	19	24
EST 125-250/900	150	125	140	1313	605	250	605	500	315	457	400	120	410	419	19	24

Performance Table

Q=Delivery 50Hz n=1450

Model	DN	Power		GPM	0	198	220	264	317	370	396	423	476	617	661	881	1101
				L/min	0	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	4167
		mm	kW	HP	m ³ /h	0	45	50	60	72	84	90	96	108	140	150	200
EST4 100-200/40	125x100	4	5.5	H=Head (m)	12	11.8	11.7	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9	-	-
EST4 100-200/55	125x100	5.5	7.5		13.5	13.3	13.3	13	12.7	12.4	12.3	12	11.5	9.6	8.8	5.7	-
EST4 100-200/75	125x100	7.5	10		15	14.8	14.8	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3	7.2	-
EST4 100-250/55	125x100	5.5	7.5		16.1	15.9	15.8	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9	-	-
EST4 100-250/75	125x100	7.5	10		19.7	19.6	19.5	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7	-	-
EST4 100-250/110	125x100	11	15		24.5	24.4	24.3	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4	-
EST4 100-250/150	125x100	15	20		28.1	27.9	27.8	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9	-
EST4 100-315/150	125x100	15	20		28.3	-	28	27.7	27.3	26.9	26.7	26.2	25.6	23.1	22.1	14.9	-
EST4 100-315/185	125x100	18.5	25		31.3	-	30.9	30.7	30.3	29.9	29.7	29.2	28.6	26.1	25.1	17.9	-
EST4 100-315/220	125x100	22	30		35.3	-	34.5	34.3	33.9	33.5	33.3	32.8	32.2	30	29	24	17.3
EST4 100-315/300	125x100	30	40		37.4	-	36.9	36.8	36.5	36.1	35.9	35.5	35.1	33.2	32.4	28	21.3
EST4 100-400/300	125x100	30	40		46.8	-	-	46.2	46	46	46	45	44	42	40	29.6	-
EST4 100-400/370	125x100	37	50		52.2	-	-	51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3	-

Model	DN	Power		H=Head (m)	GPM	0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643
					L/min	0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000
	m³/h	0	30		35	40	50	60	90	100	110	140	150	200	250	300	400	500	600			
EST4 125-200/55	150x125	5.5	7.5	H=Head (m)	11.4	11.1	11.1	11	10.9	10.8	10.2	10	9.7	8.9	8.6	6.9	-	-	-	-	-	-
EST4 125-200/75	150x125	7.5	10		14.2	14	13.9	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6	-	-	-	-	-	-
EST4 125-200/110	150x125	11	15		18.2	18	17.9	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8	-	-	-	-	-
EST4 125-250/75	150x125	7.5	10		15.5	-	-	-	-	15.3	15	14.8	14.6	13.6	13.1	-	-	-	-	-	-	-
EST4 125-250/110	150x125	11	15		19.5	-	-	-	-	19.3	19.1	19	18.9	18.1	17.8	15.3	11.7	-	-	-	-	-
EST4 125-250/150	150x125	15	20		23.4	-	-	-	-	23.3	23.1	23	22.9	22	22	19.8	16.5	12.3	-	-	-	-
EST4 125-250/185	150x125	18.5	25		25.8	-	-	-	-	25.6	25.5	25.4	25.3	24.9	24.7	23.4	20.3	16.5	-	-	-	-
EST4 125-315/185	150x125	18.5	25		27.5	-	-	-	-	-	-	26.9	26.7	25.9	25.6	24	19.7	14.9	-	-	-	-
EST4 125-315/220	150x125	22	30		30.3	-	-	-	-	-	-	29.7	29.6	28.9	28.6	26.6	23.2	18.4	-	-	-	-
EST4 125-315/300	150x125	30	40		35.9	-	-	-	-	-	-	35.4	35.3	34.8	34.6	33	30.1	26.1	-	-	-	-
EST4 150-200/110	200x150	11	15		14.1	-	-	-	-	-	-	-	13.5	13.4	13.3	13.1	13	11.7	7.8	-	-	-
EST4 150-200/150	200x150	15	20		16.4	-	-	-	-	-	-	-	15.5	15.3	15.2	14.8	14.5	13.5	11.1	-	-	-
EST4 150-200/185	200x150	18.5	25		18.4	-	-	-	-	-	-	-	17.5	17.3	17.2	16.8	16.3	15.7	13.1	10	-	-
EST4 150-250/150	200x150	15	20		17.6	-	-	-	-	-	-	-	-	-	16.8	15.9	15	13.2	9.2	-	-	-
EST4 150-250/185	200x150	18.5	25		21.5	-	-	-	-	-	-	-	-	-	20.8	20	18.9	17.7	13.8	8.7	-	-
EST4 150-250/220	200x150	22	30		24.2	-	-	-	-	-	-	-	-	-	23.6	23	22	21	17.1	12	-	-
EST4 150-250/300	200x150	30	40		25.7	-	-	-	-	-	-	-	-	-	25	24.5	23.5	23	18.8	13.8	-	-
EST4 150-315/370	200x150	37	50		33.9	-	-	-	-	-	-	-	-	-	33.5	32.7	31.7	31	26.7	21.4	-	-
EST4 150-315/450	200x150	45	60		38	-	-	-	-	-	-	-	-	-	37.6	36.9	35.9	35	31.3	26.5	-	-
EST4 150-315/550	200x150	55	75		40.3	-	-	-	-	-	-	-	-	-	40	39.3	38.4	37.5	33.9	29.4	-	-
EST4 150-400/550	200x150	55	75		48.7	-	-	-	-	-	-	-	-	-	47.7	48	46	45	42.5	36.8	29.2	-
EST4 150-400/750	200x150	75	100		55.9	-	-	-	-	-	-	-	-	-	55	55	54	53	51	48	41	32.2
EST4 150-400/900	200x150	90	125		60	-	-	-	-	-	-	-	-	-	59	59	58	57	56	53	46	37.7



Installation Dimension

Model	Dimensions															
	DN1	DN2	a	f	h	h1	h2	n	n1	n1'	n2	b	w	m	s1	s1'
EST4 100-200/40	125	100	125	644	530	225	530	422	280	190	360	120	195	140	18	12
EST4 100-200/55-75	125	100	125	688	530	225	530	422	280	216	360	120	234	140	18	12
EST4 100-250/55-75	125	100	140	688	580	250	580	450	315	216	400	120	219	140	18	12
EST4 100-250/110-150	125	100	140	858	580	250	580	450	315	254	400	120	268	210	18	15
EST4 100-315/150	125	100	140	888	625	250	625	480	315	254	400	120	298	210	19	15
EST4 100-315/185	125	100	140	932	625	250	625	480	315	254	400	120	298	254	19	15
EST4 100-315/220	125	100	140	968	625	250	625	480	315	279	400	120	311	241	19	15
EST4 100-315/300	125	100	140	1059	625	250	625	480	315	318	400	120	323	305	19	18
EST4 100-400/300-370	125	100	140	1059	655	280	655	548	400	318	500	150	308	305	23	18
EST4 100-400/450	125	100	140	1099	655	280	655	548	400	356	500	150	324	311	23	18
EST4 125-200/55-75	150	125	140	718	565	250	565	422	315	216	400	120	249	140	19	12
EST4 125-200/110	150	125	140	888	565	250	565	422	315	254	400	120	298	210	19	15
EST4 125-250/75	150	125	140	718	605	250	605	500	315	216	400	120	249	140	19	12
EST4 125-250/110-150	150	125	140	888	605	250	605	500	315	254	400	120	298	210	19	15
EST4 125-250/185	150	125	140	932	605	250	605	500	315	254	400	120	298	254	19	15
EST4 125-315/185	150	125	140	932	635	280	635	525	400	254	500	150	283	254	23	15
EST4 125-315/220	150	125	140	968	635	280	635	525	400	279	500	150	296	241	23	15
EST4 125-315/300-370	150	125	140	1059	635	280	635	525	400	318	500	150	308	305	23	18
EST4 150-200/110-150	200	150	160	928	680	280	680	435	450	254	550	150	303	210	23	15
EST4 150-200/185	200	150	160	972	680	280	680	435	450	254	550	150	303	254	23	15
EST4 150-200/220	200	150	160	1008	680	280	680	435	450	279	550	150	316	241	23	15
EST4 150-250/150	200	150	160	928	715	280	715	510	450	254	550	150	303	210	23	15
EST4 150-250/185	200	150	160	972	715	280	715	510	450	254	550	150	303	254	23	15
EST4 150-250/300	200	150	160	1099	715	280	715	510	450	318	550	150	328	305	23	18
EST4 150-315/370	200	150	160	1099	740	280	740	548	450	318	550	150	328	305	23	18
EST4 150-315/450	200	150	160	1139	740	280	740	548	450	356	550	150	344	311	23	18
EST4 150-315/550	200	150	160	1230	740	280	740	548	450	406	550	150	393	349	23	24
EST4 150-400/550	200	150	160	1230	765	315	765	623	450	406	550	150	393	349	23	24
EST4 150-400/750	200	150	160	1302	765	315	765	623	450	457	550	150	415	368	23	24
EST4 150-400/900	200	150	160	1353	765	315	765	623	450	457	550	150	415	419	23	24