

Version: E251003W

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澳升. Chinese green 

AOSHENG PUMPS CO., LTD.

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400-088-8233



NHL/NHLF(T)

NHM

ULTRA HIGH

EFFICIENT

HORIZONTAL

MULTISTAGE

CENTRIFUGAL

PUMPS

ocboom.® Aosheng pumps is always raising the questions, finding the solutions. From new material to new technology, from hydraulic design to new structure, from hydromechanics to automatic controlling, we are discovering green on combining theory and practice.

Discover ultimate energy saving!

Neu-boom®

NHL / NHLF(T) / NHM

Redefine energy saving pumps!

Neu-booom

NHL/NHLF(T)/NHM ULTRA
HIGH EFFICIENT HORIZONTAL MULTISTAGE CENTRIFUGAL
PUMP



Ultra high efficiency

National energy-saving evaluated and certified products

Compact structure

Ultimate designed structure, easy installation

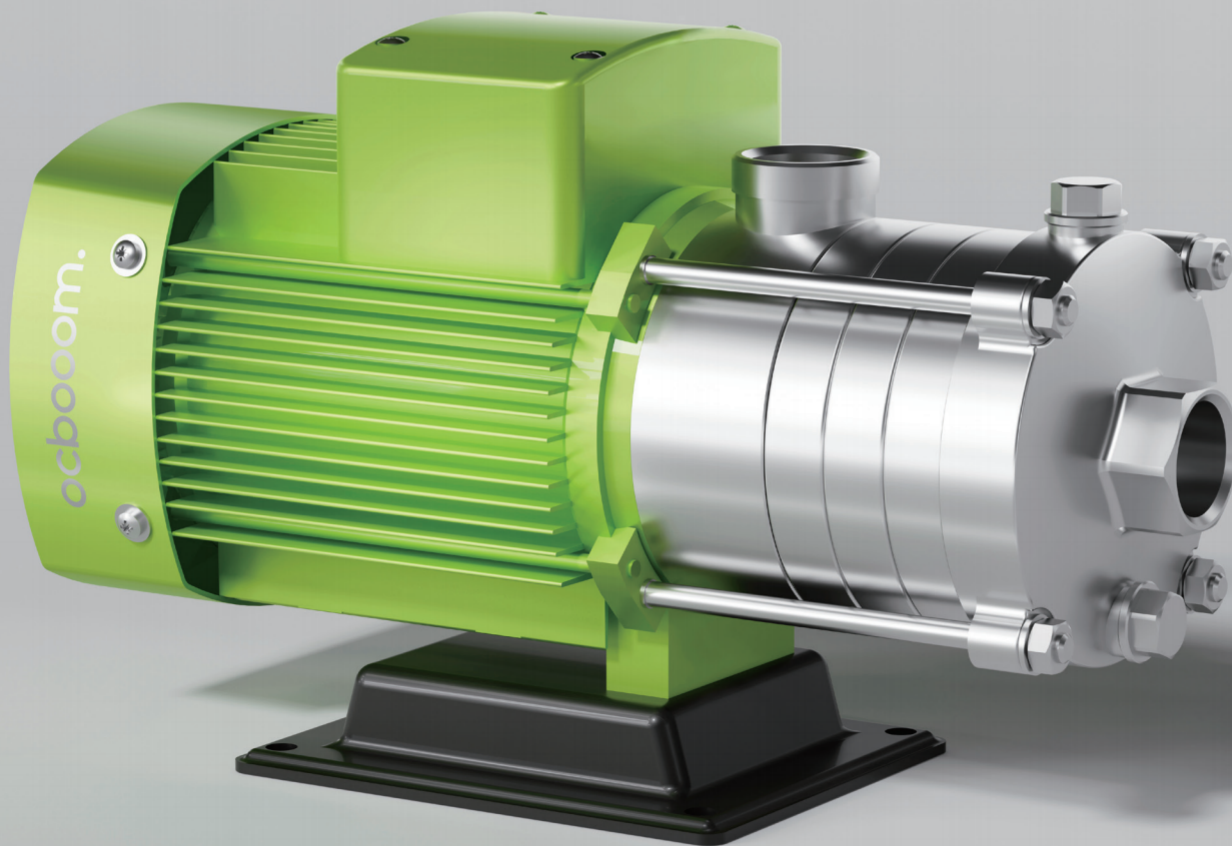
ocboom.®

NHL NHLF(T) NHM

NHL/NHLF(T)/NHM are light horizontal multistage centrifugal pumps, redefined the structure of impeller, guide vanes, optimized the hydraulic performance, expanded the range of flow rate and delivery head, pump motor set achieved "Ultra high efficiency". The monobloc structure shortened the pump size, made the design more compact. The pump structure is horizontal suction, vertical discharge, pipe threaded suction and discharge. The features are energy saving, low noise, light, easy to install and maintenance.

High efficiency
Light horizontal multistage
centrifugal pumps

Neu-boom®



Optimized hydraulic design, obtain high efficient hydraulic model

The original design theory and empirical formula estimation method of vane pumps have been updated to an optimized method based on machine language that uses pump design software + hydraulic performance simulation + iterative optimization to design and calculate an efficient hydraulic mold. This has significantly improved the performance of NHL/NHLF(T)/NHM to reach the performance of world-class level.

Performance range expanded

Flow rate 0.5m³/h to 32.5m³/h

Delivery head 4m to 96m

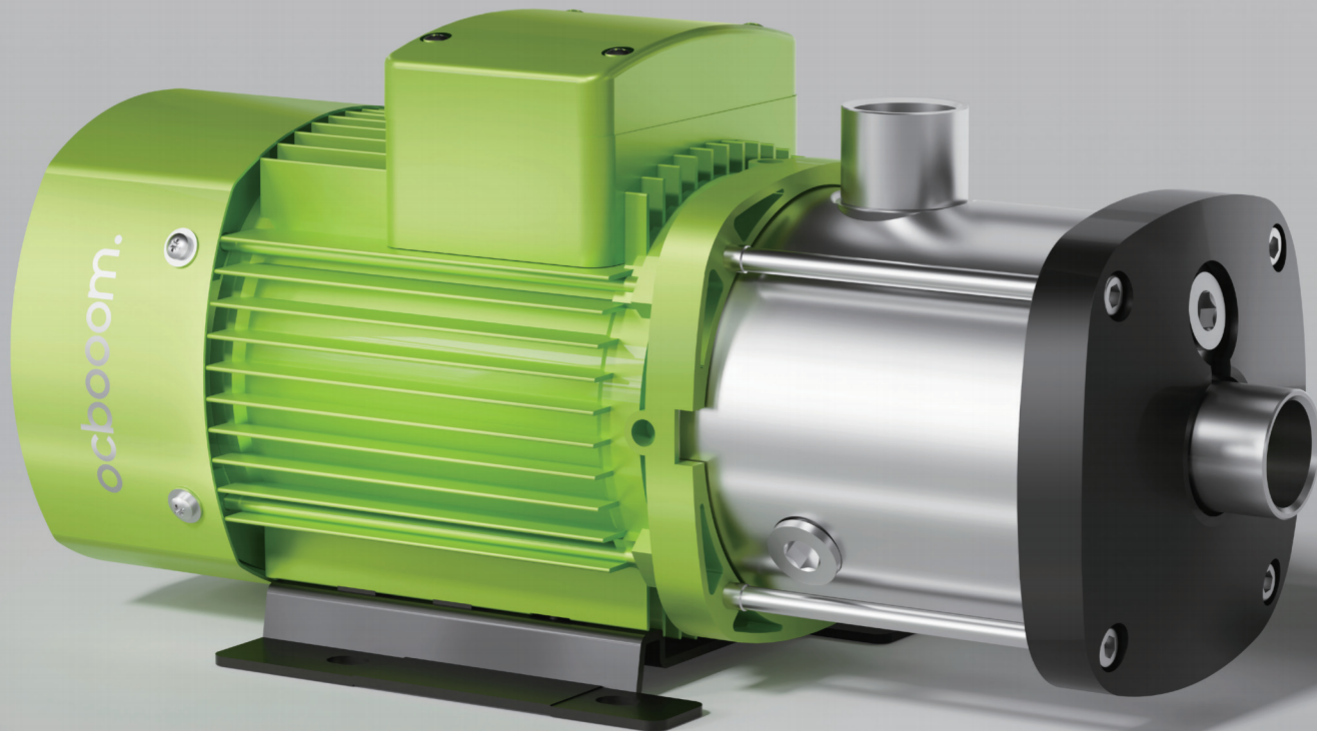
Innovation in the pump casing structure and improvement in the processes of main flow-through components

The castings adopt the lost foam and investment casting processes, and the impellers are formed by stamping and laser welding of stainless steel plates. This reduces the roughness of pump stator and rotor components and reduces performance losses.

Low noise, less vibration

High-precision intelligent manufacturing equipment and custom-developed bionic tooling ensured the design requirements, thereby reducing the vibration and noise of the pump and minimizing the impact of the above factors on the performance and stability of the pump.

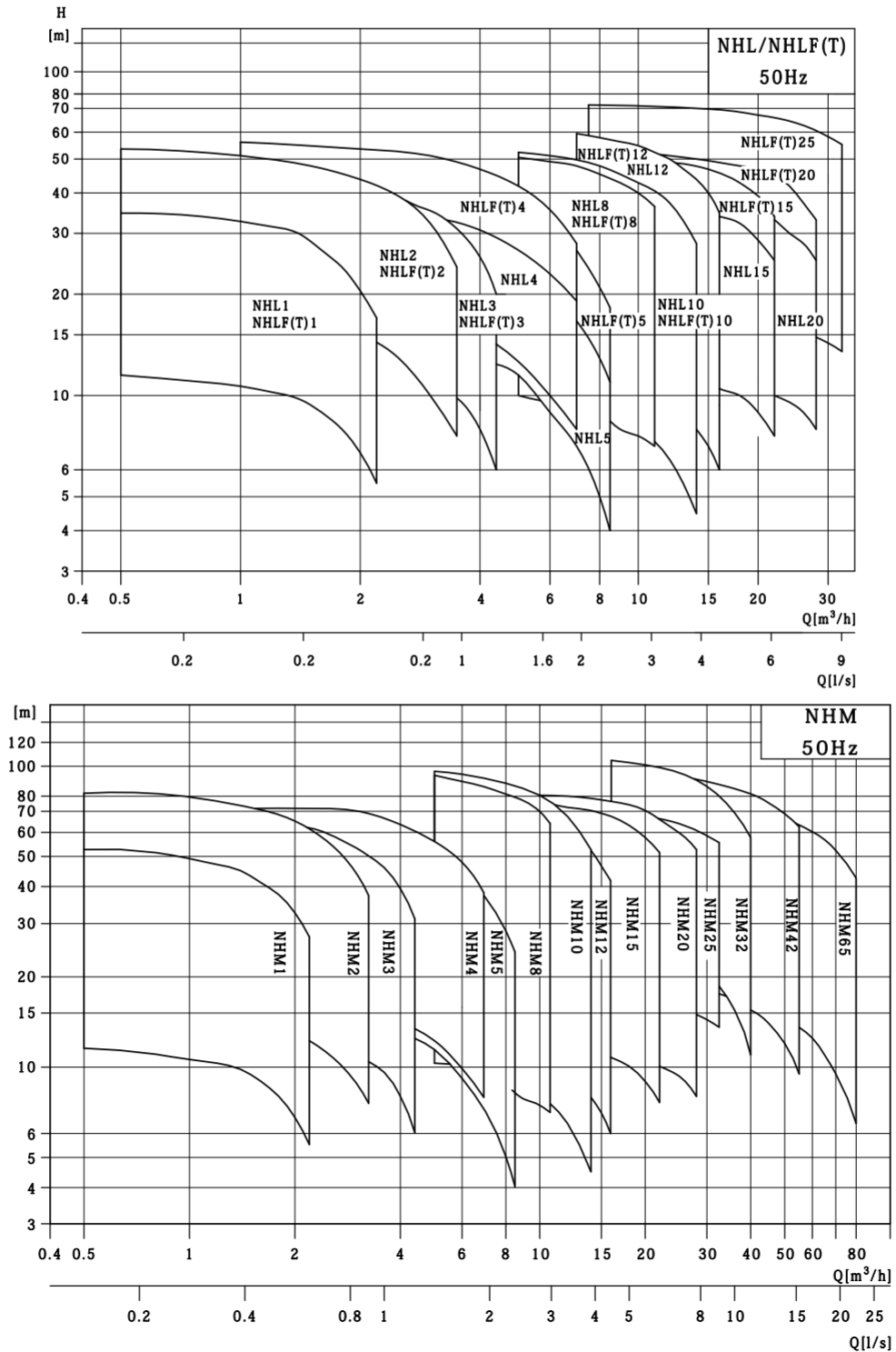
Compact design, light and small



NHL/NHLF (T)/NHM

NHL,NHLF(T),NHM ULTRA HIGH EFFICIENT HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS

Performance range



Applications

NHL/NHLF(T)/NHM is a versatile product that can transfer thin, clean, non-explosive and non-flammable liquids free of solid particles or fibers, and is suitable for different temperature, flow and pressure ranges.

- **Cleaning:** Cleaning of industrial production equipment, car washing channels, mobile cleaning equipment, etc.
- **Water treatment:** Desalination systems, separators, distillation systems, etc.
- **Temperature control:** Medical equipment, industrial refrigeration, moisture retention and humidification, etc.
- **Booster pressure:** Booster pressure and transportation of drinking water, process water system, etc.
- **Other applications**
Measurement/mixing, combined machinery, chemical industry, etc.

Operating conditions

- **Liquid temperature:** Normal temperature type -15°C to +70°C
Hot water type -15°C to +105°C
- **Maximum ambient temperature:** +40°C
- For NHL 1 to 20, for NHLF(T) 1 to 25, For NHM 1 to 25 series, maximum working pressure: 10bar
For NHM 32 to 65 series, maximum working pressure: 11bar
- The maximum inlet pressure is limited by the maximum working pressure

Pump

NHL/NHLF(T)/NHM are light horizontal multistage centrifugal pumps. The monobloc structure shortened the pump size, made the design more compact. The pump structure is horizontal suction, vertical discharge, pipe threaded suction and discharge. The features are energy saving, low noise, light, easy to install and maintenance.

Motor

- The motor is a fully enclosed, air-cooled two-pole motor.
- Protection class: IP55
- Insulation class: F
- Standard voltage: 50Hz: 1×220V
3×380V

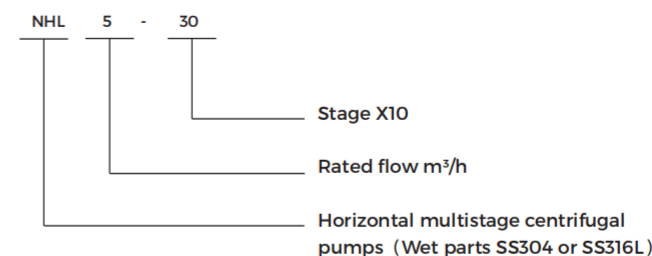
Curve conditions

The guidelines below apply to the curves on the following pages.

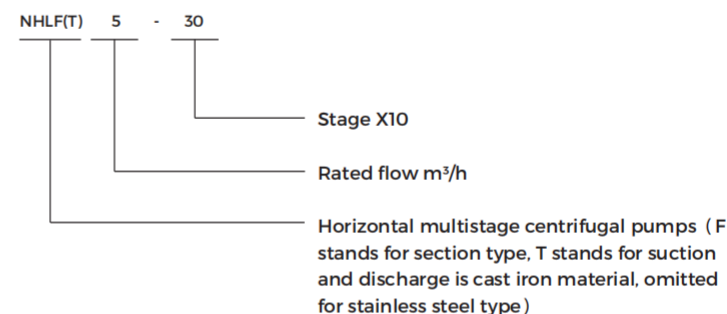
- All curves are based on the measured values of the motor at a constant speed of 2900 rpm.
- Tolerances according to ISO9906:2012,3B.
- Measurements have been made with airless water at a temperature of 20 °C. The curves apply to the following kinematic viscosity: 1mm²/s.
- The bold curves state the recommended performance range. Due to the risk of overheating or overload, the pumps should neither be used at a flow below the minimum flow rate, nor be used at a flow over the maximum flow rate.

Model definition

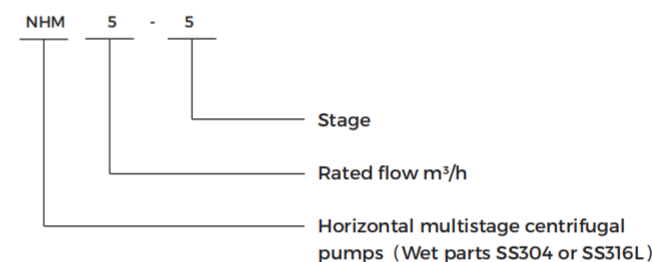
NHL Example



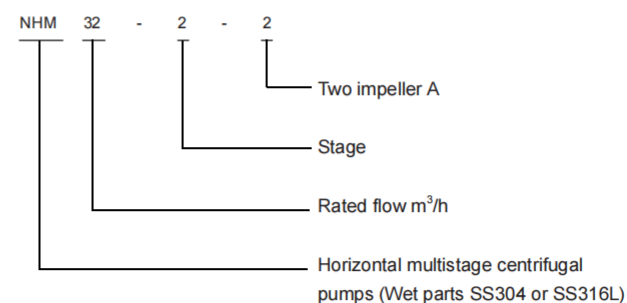
NHLF(T) Example



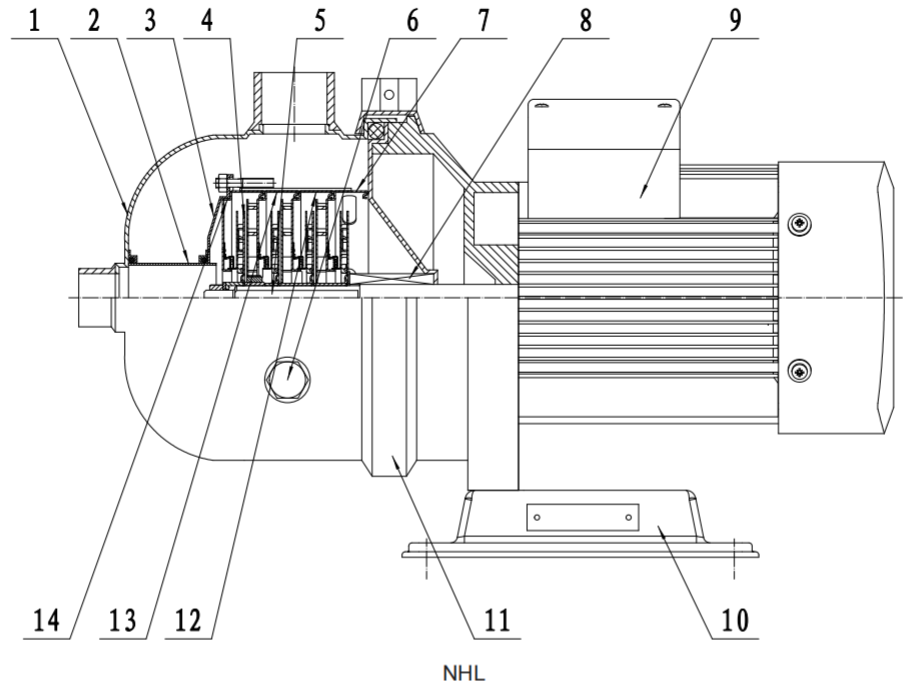
NHM Example



NHM 32、42、65



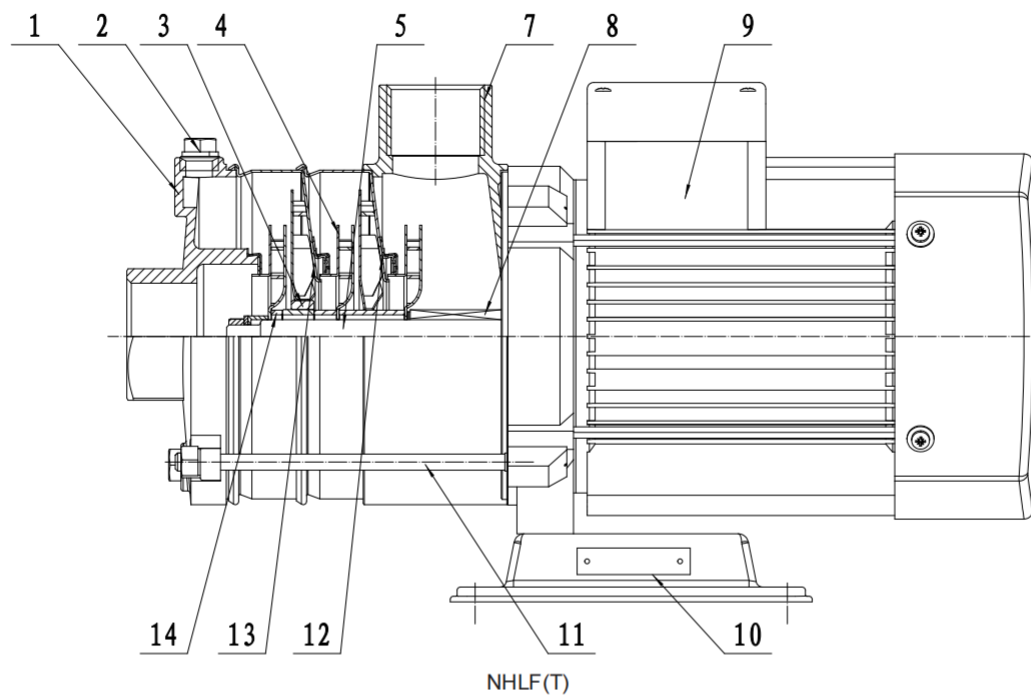
Sectional drawing



NHLMaterial list

SN	Name	Material	AISI/ASTM
1	Chamber	Stainless steel	AISI304
2	Connecting pipe	Stainless steel	AISI304
3	Clamp	Stainless steel	AISI304
4	Impeller	Stainless steel	AISI304
5	Shaft	Stainless steel	AISI304
6	Plug	Stainless steel	AISI304
7	Discharge guide vane	Stainless steel	AISI304
8	Mechanical seal	Graphite/Silicon carbide	/
9	Motor	Aluminum alloy	/
10	Base plate	Steel plate	AISI1015
11	Span band	Stainless steel	AISI304
12	Guide vane	Stainless steel	AISI304
13	Support guide vane	Stainless steel	AISI304
14	Inlet part	Stainless steel	AISI304

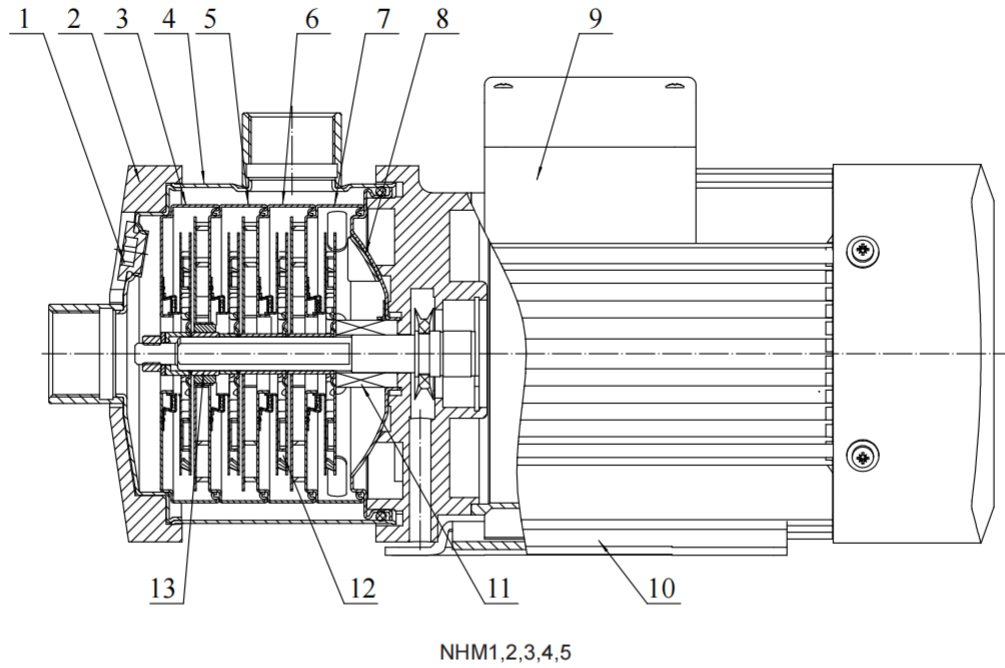
Sectional drawing



NHLF(T)Material list

SN	Name	Material	AISI/ASTM
2	Plug	Stainless steel	AISI304
3	Bearing	Tungsten carbide	/
4	Impeller	Stainless steel	AISI304
5	Shaft	Stainless steel	AISI304
8	Mechanical seal	Graphite/Silicon carbide	/
9	Motor	Aluminum alloy	/
10	Base plate	Steel plate	AISI1015
11	Staybolt	Stainless steel	AISI304
12	Guide vane	Stainless steel	AISI304
13	Support guide vane	Stainless steel	AISI304
14	Spacing pipe	Stainless steel	AISI304
NHLF			
1	Suction chamber	Stainless steel	AISI304
7	Discharge chamber	Stainless steel	AISI304
NHLFT			
1	Suction chamber	Cast iron	ASTM25B
7	Discharge chamber	Cast iron	ASTM25B

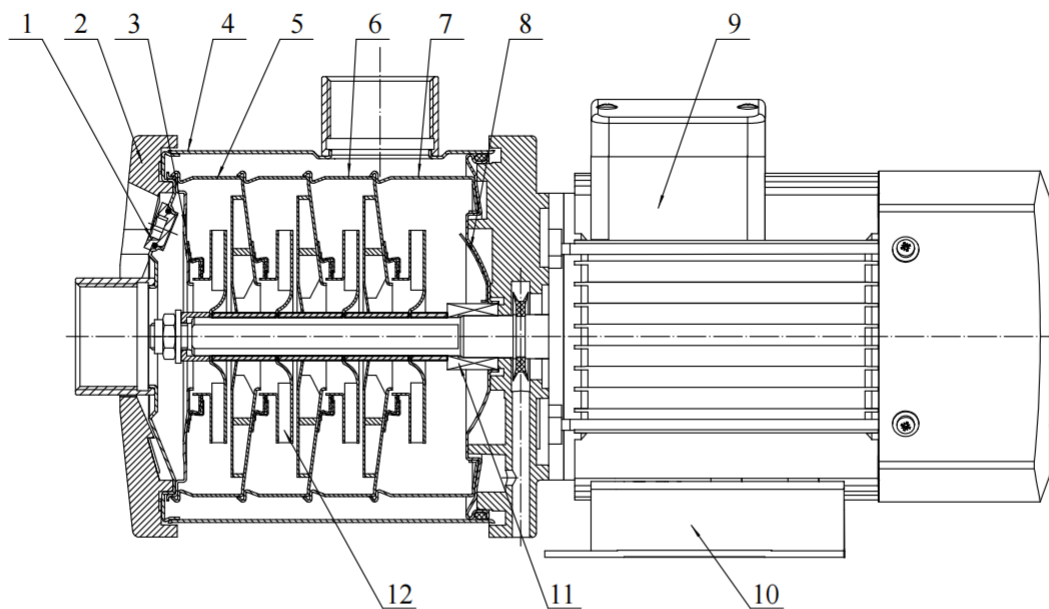
Sectional drawing



NHM1,2,3,4,5Material list

SN	Name	Material	AISI/ASTM
1	Plug	Stainless steel	AISI304
2	Clamp	aluminum die casting	ASTM383.1
3	Inlet part	Stainless steel	AISI304
4	Chamber	Stainless steel	AISI304
5	Support guide vane	Stainless steel	AISI304
6	Guide vane	Stainless steel	AISI304
7	Discharge guide vane	Stainless steel	AISI304
8	Seal plate	Stainless steel	AISI304
9	Motor	/	/
10	Base plate	Steel plate	AISI1015
11	Mechanical seal	Graphite/Silicon carbide	/
12	Impeller	Stainless steel	AISI304
13	Bearing	Tungsten carbide	/

Sectional drawing

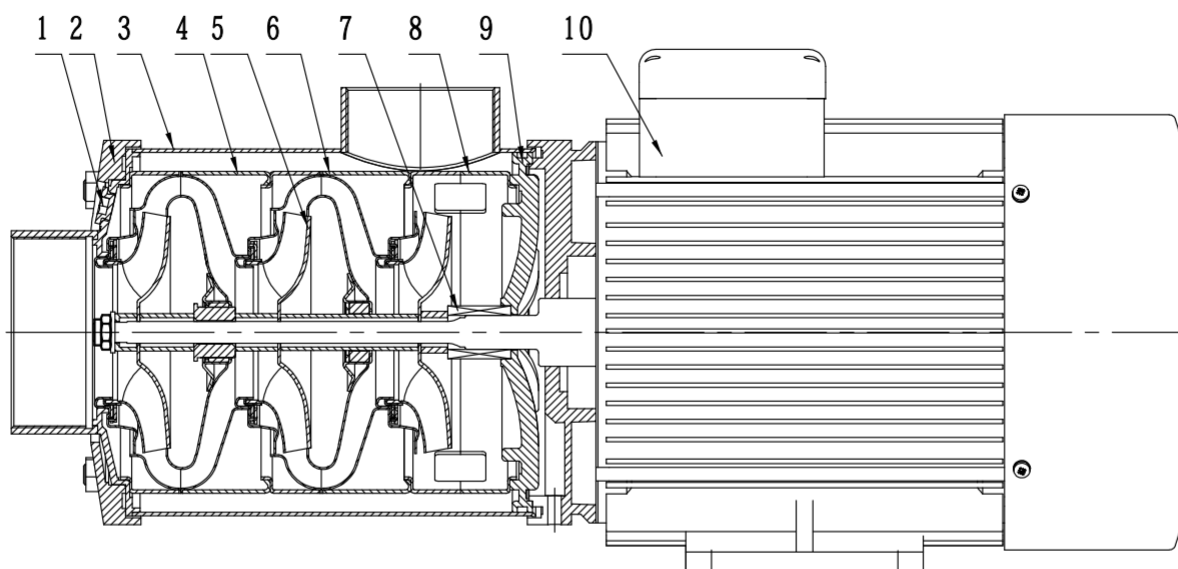


NHM8,10,12,15,20,25

NHM8,10,12,15,20,25Material list

SN	Name	Material	AISI/ASTM
1	Plug	Stainless steel	AISI304
2	Clamp	aluminum die casting	ASTM383.1
3	Inlet part	Stainless steel	AISI304
4	Chamber	Stainless steel	AISI304
5	Guide vane	Stainless steel	AISI304
6	Discharge guide vane	Stainless steel	AISI304
7	Discharge chamber	Stainless steel	AISI304
8	Seal plate	Stainless steel	AISI304
9	Motor	/	/
10	Base plate	Steel plate	AISI1015
11	Mechanical seal	Graphite/Silicon carbide	/
12	Impeller	Stainless steel	AISI304

NHM32、42、65 Sectional drawing



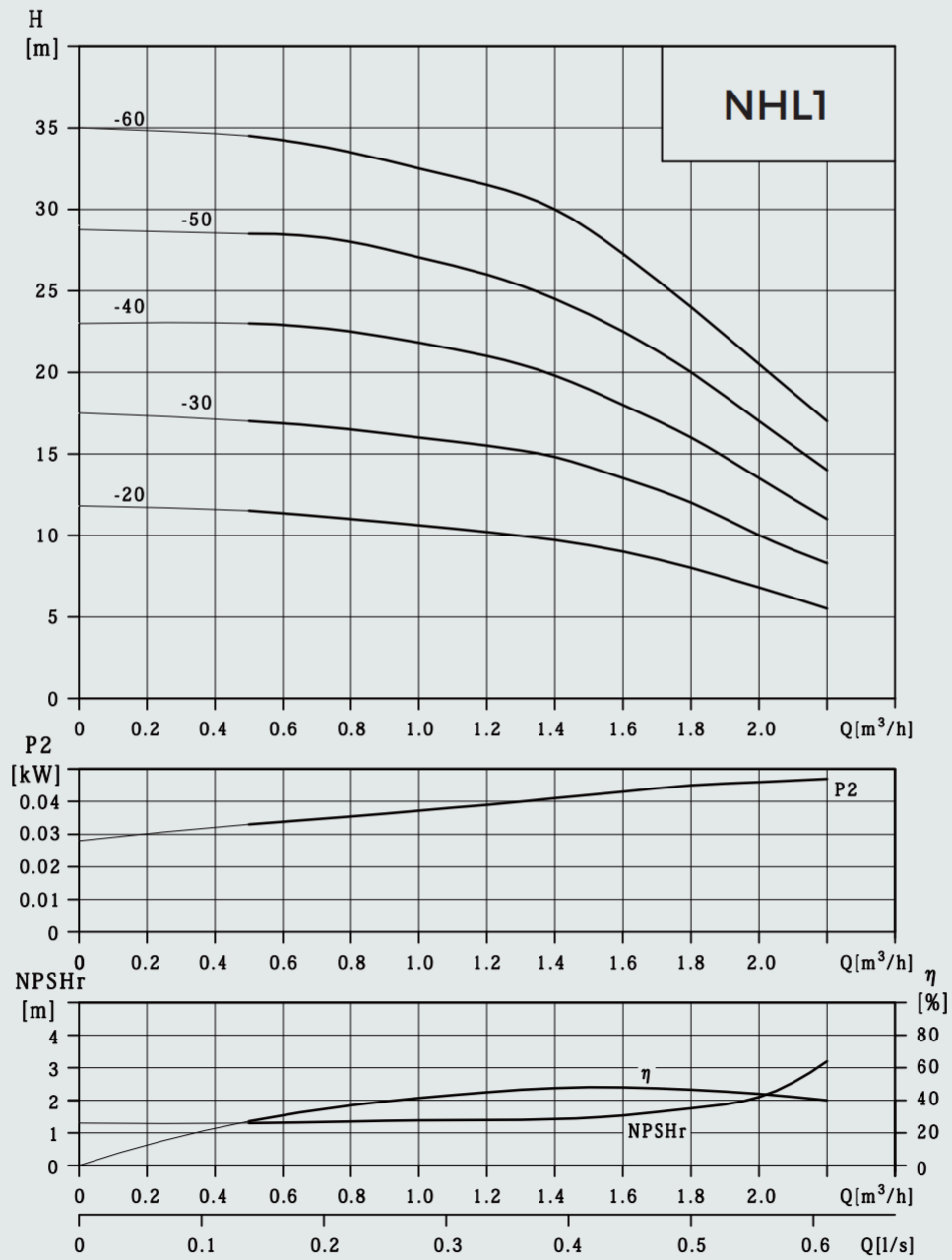
NHM32、42、65 Material list

SN	Name	Material	AISI/ASTM
1	Plug	Stainless steel	AISI304
2	Clamp	Cast iron	ASTM A536-84 65-45-12
3	Chamber	Stainless steel	AISI304
4	Support guide vane	Stainless steel	AISI304
5	Impeller	Stainless steel	AISI304
6	Guide vane	Stainless steel	AISI304
7	Mechanical seal	Silicon carbide/Graphite	/
8	Discharge chamber	Stainless steel	AISI304
9	Seal plate	Stainless steel	AISI304
10	Motor	Assembly	/

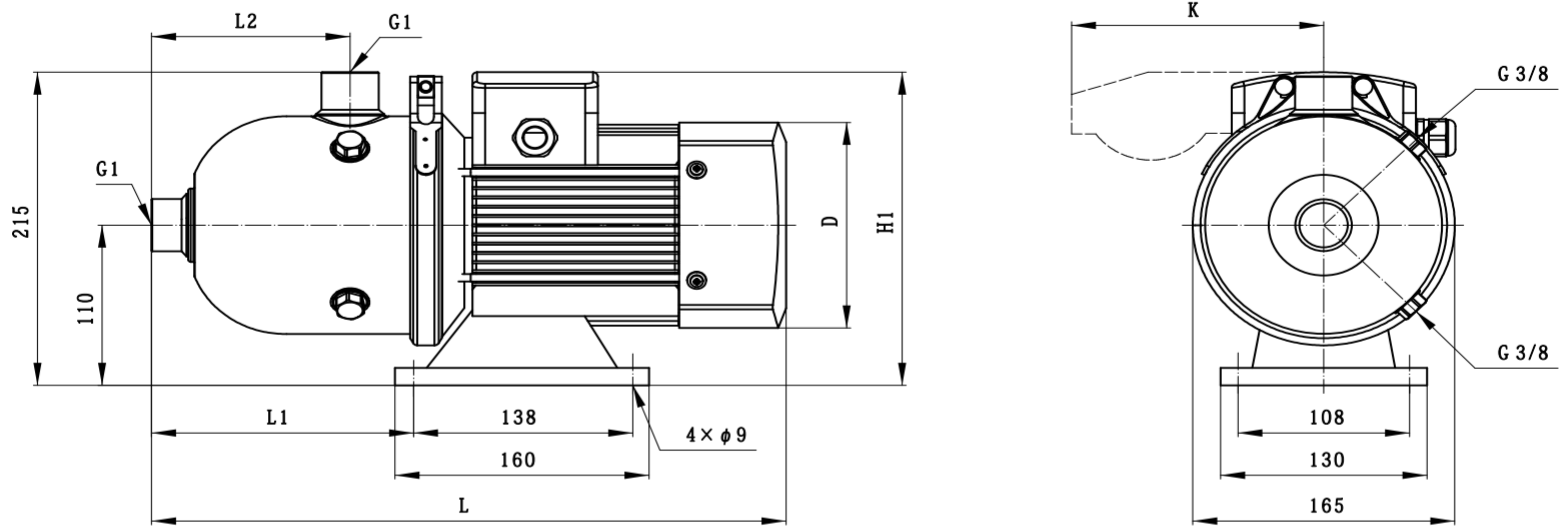
NHL1

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	0.5	0.8	1	1.2	1.4	1.6	1.8	2	2.2
1-20	0.37	H (m)	11.5	11	10.5	10.2	9.7	9	8	6.8	5.5
1-30	0.37		17	16.5	16	15.5	14.8	13.5	12	10	8.5
1-40	0.37		23	22.5	21.5	21	19.8	18	16	13.5	11
1-50	0.37		28.5	28	27	26	24.5	22.5	20	17	14
1-60	0.37		34.5	33.5	32.5	31.5	30	27	24	20.5	17

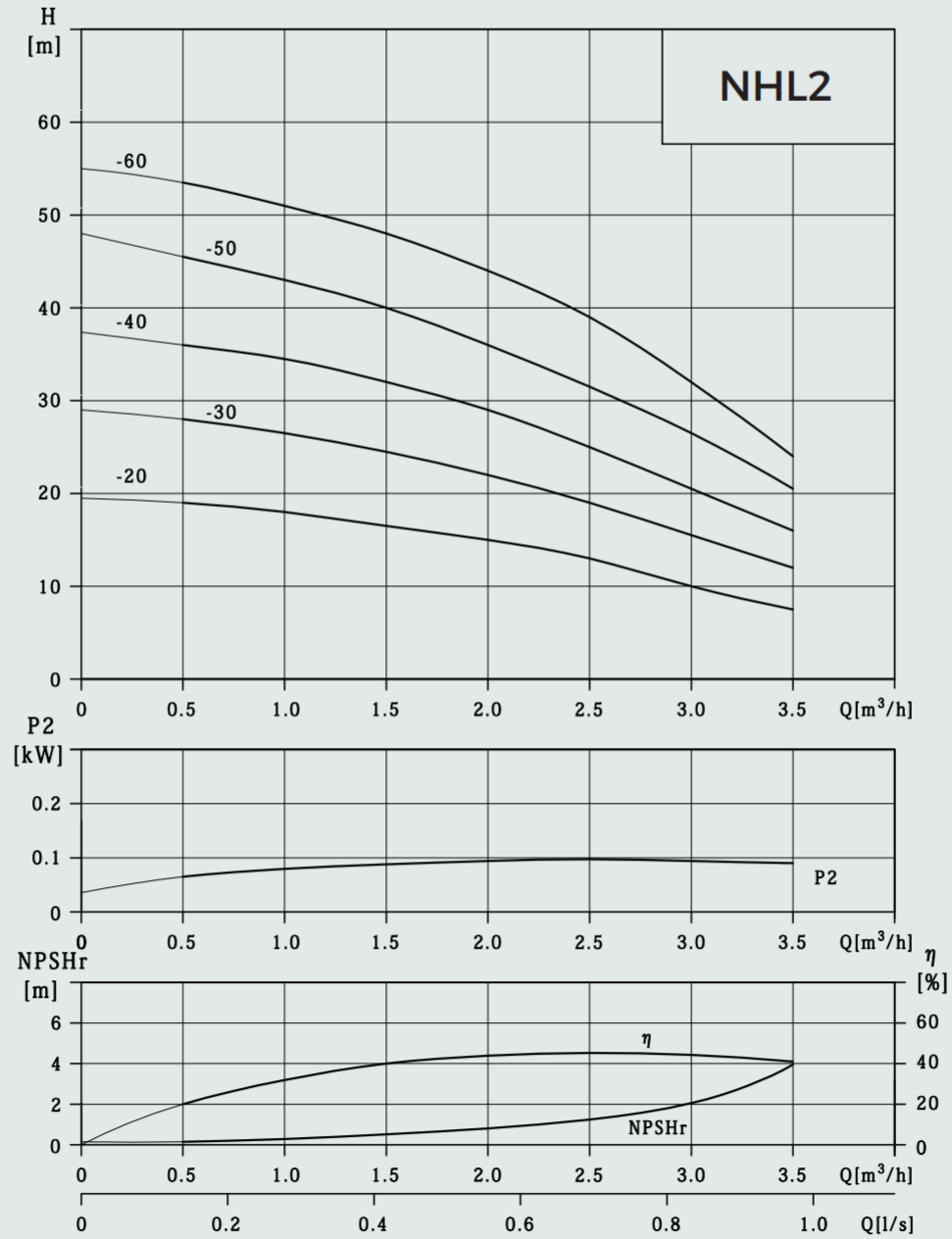
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	1-20	400	165	125	141	215/249	/62	10
	1-30	400	165	125	141	215/249	/62	10
	1-40	400	165	125	141	215/249	/62	11
	1-50	400	165	125	141	215/249	/62	12
	1-60	400	165	125	141	215/249	/62	13

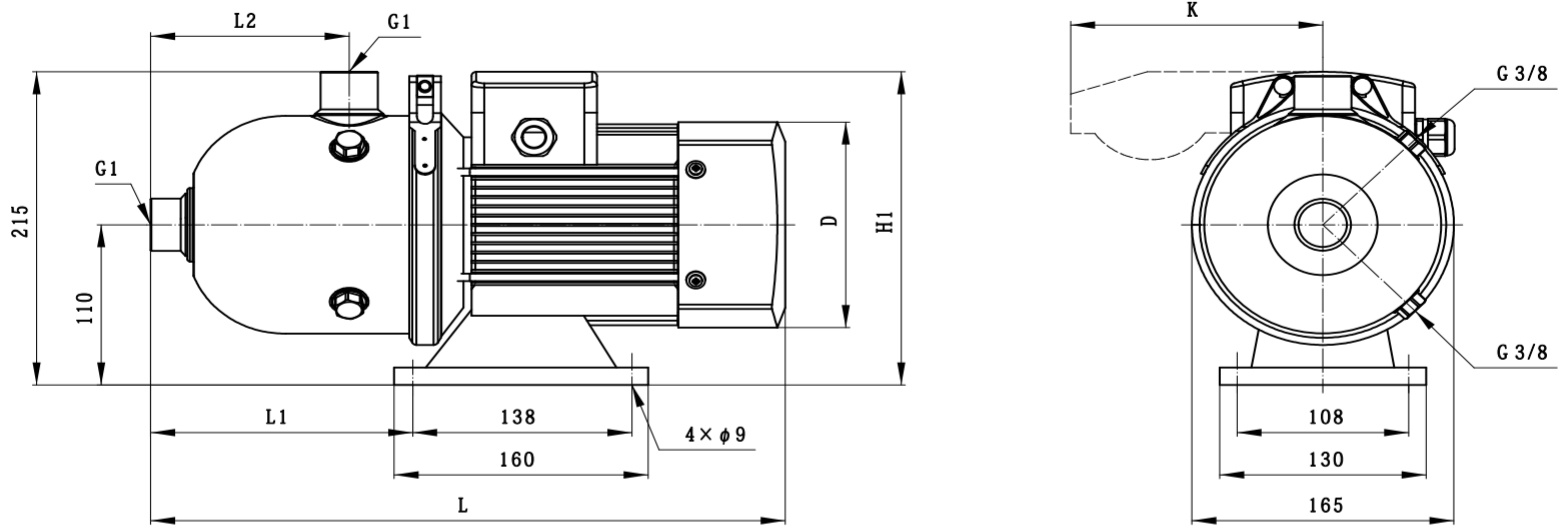
NHL2

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	0.5	1	1.5	2	2.5	3	3.5
2-20	0.37	H (m)	19	18	16.5	15	13	10	7.5
2-30	0.37		28	26.5	24.5	22	19	15.5	12
2-40	0.55		36	34.5	33	29	25	20.5	16
2-50	0.55		45.5	43	40	36	31.5	26.5	20.5
2-60	0.75		53.5	51	48	44	39	32	24

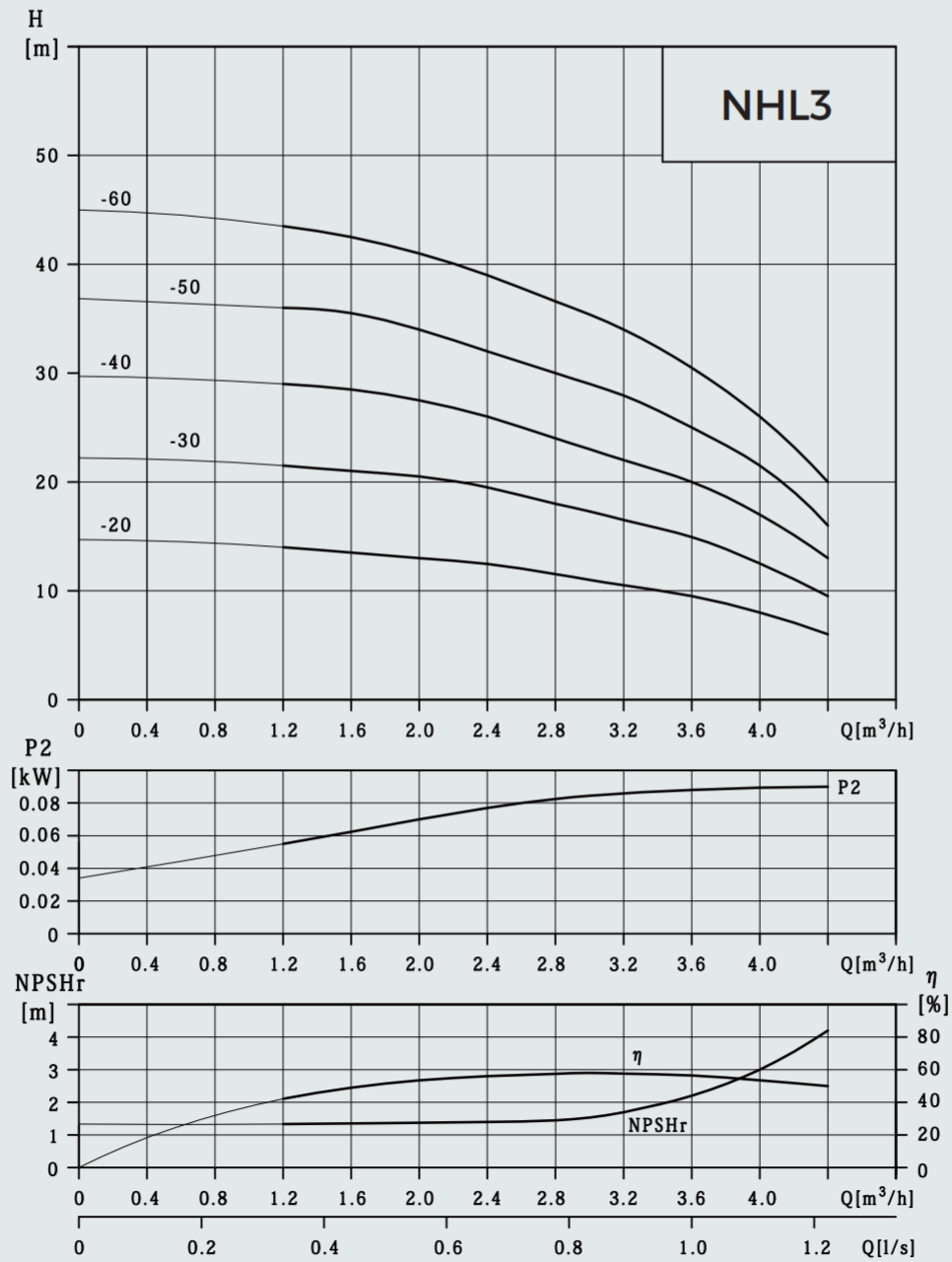
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	2-20	400	165	125	141	215/249	/62	10
	2-30	400	165	125	141	215/249	/62	10
	2-40	400	165	125	141	215/249	/62	11
	2-50	400	165	125	141	215/249	/62	12
	2-60	420	165	125	151/161	225/265	/91	14

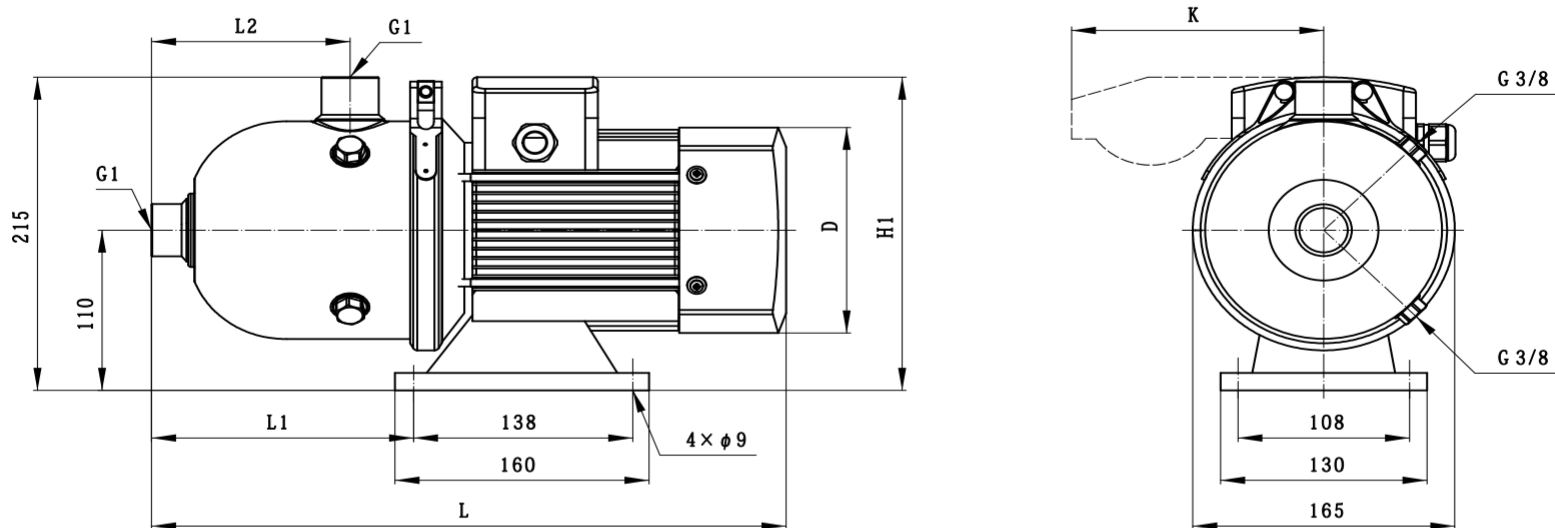
NHL3

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	H (m)									
			1.2	1.6	2	2.4	2.8	3	3.2	3.6	4	4.4
3-20	0.37		14	13.5	13	12.5	11.5	11	10.5	9.5	8	6
3-30	0.37		21.5	21	20.5	19.5	18	17	16.5	15	12.5	9.5
3-40	0.37		29	28.5	27.5	26	24	23	22	20.5	17	13
3-50	0.55		36	35.5	34	32	30	29	28	25.5	21.5	16
3-60	0.55		43.5	42.5	41	39	36.5	35	34	30.5	26	20

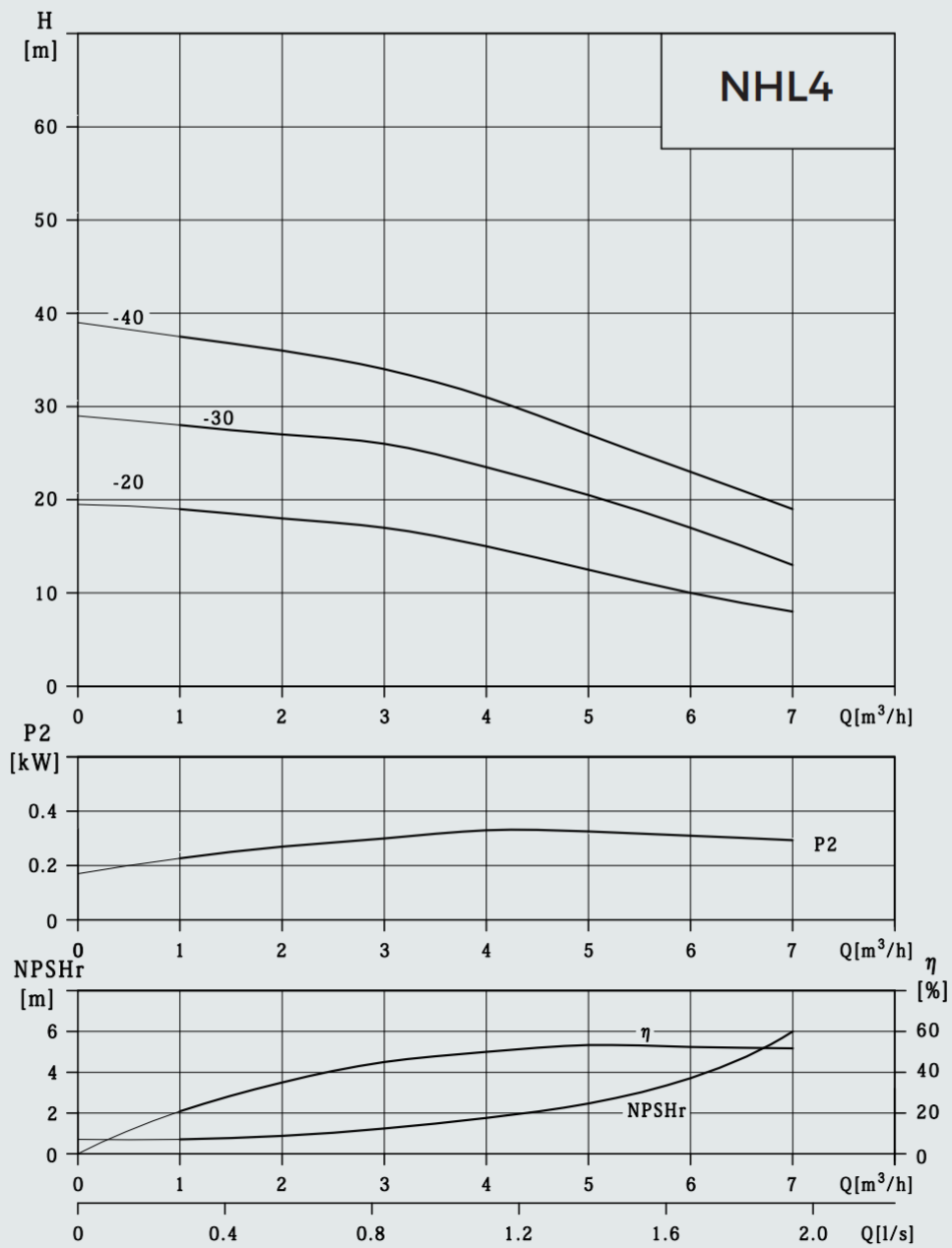
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	3-20	400	165	125	141	215/249	/62	10
	3-30	400	165	125	141	215/249	/62	10
	3-40	400	165	125	141	215/249	/62	11
	3-50	400	165	125	141	215/249	/62	12
	3-60	400	165	125	141	215/249	/62	13

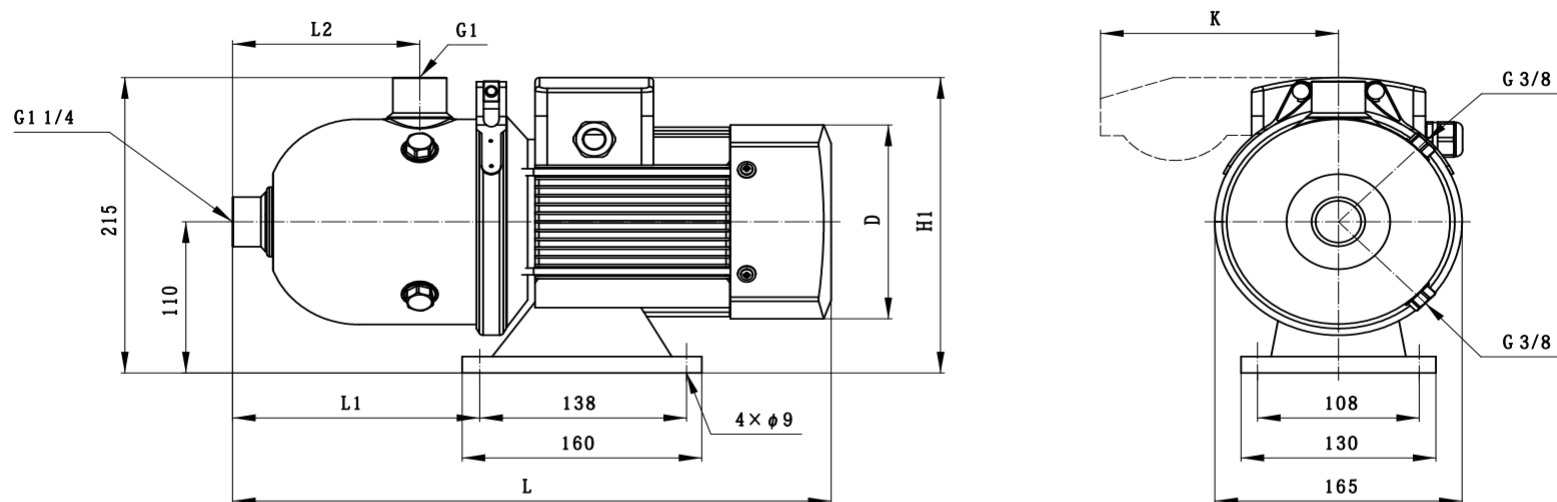
NHL4

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	1	2	3	4	5	6	7
4-20	0.37	H (m)	19	18	17	15	12.5	10	8
4-30	0.55		28	27	26	23.5	20.5	17	13
4-40	0.75		37.5	36	34	31	27	23	19

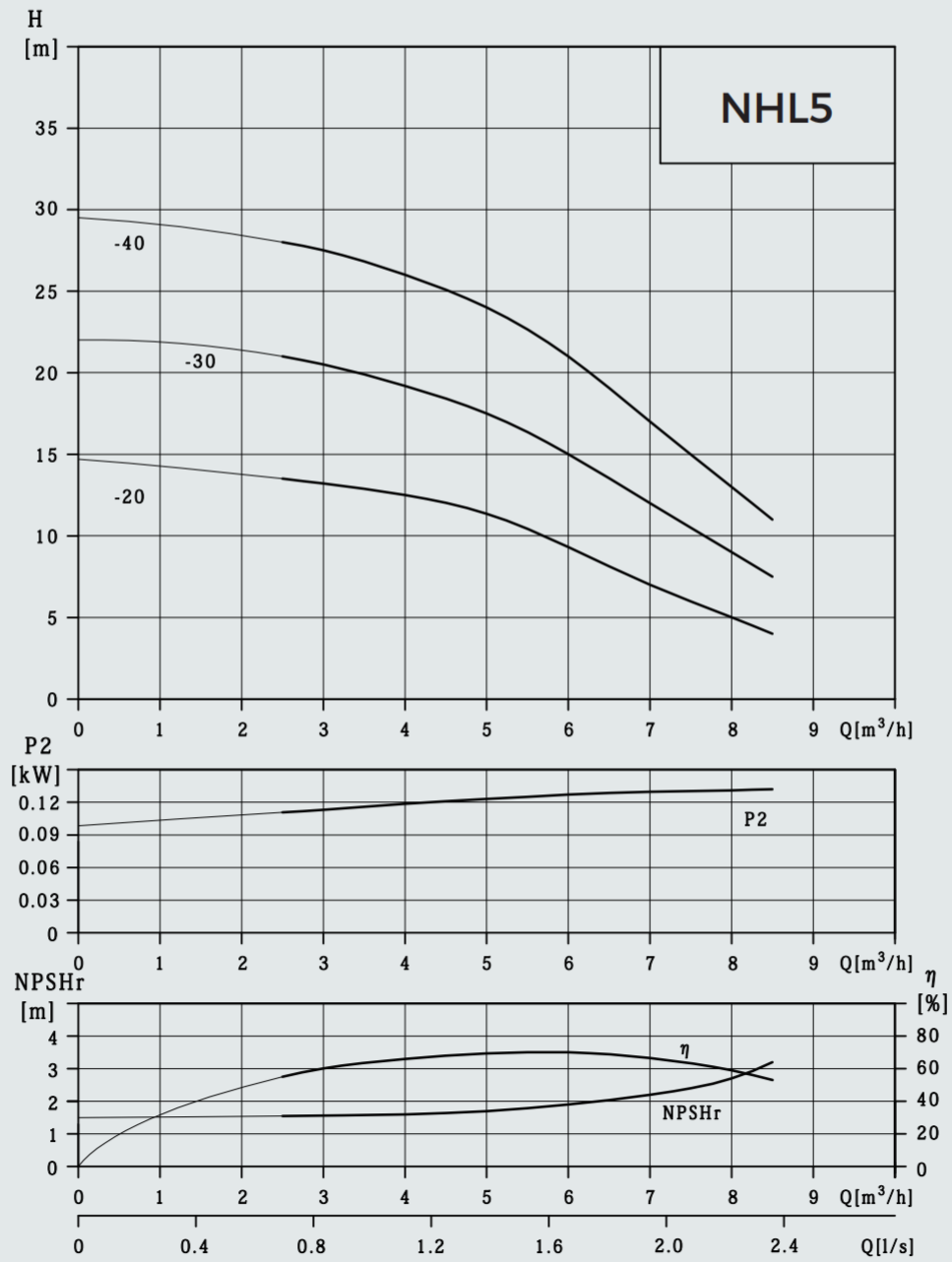
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	4-20	400	172	132	141	215/249	/62	10
	4-30	400	172	132	141	215/249	/62	11
	4-40	420	172	132	151/161	225/265	/91	14

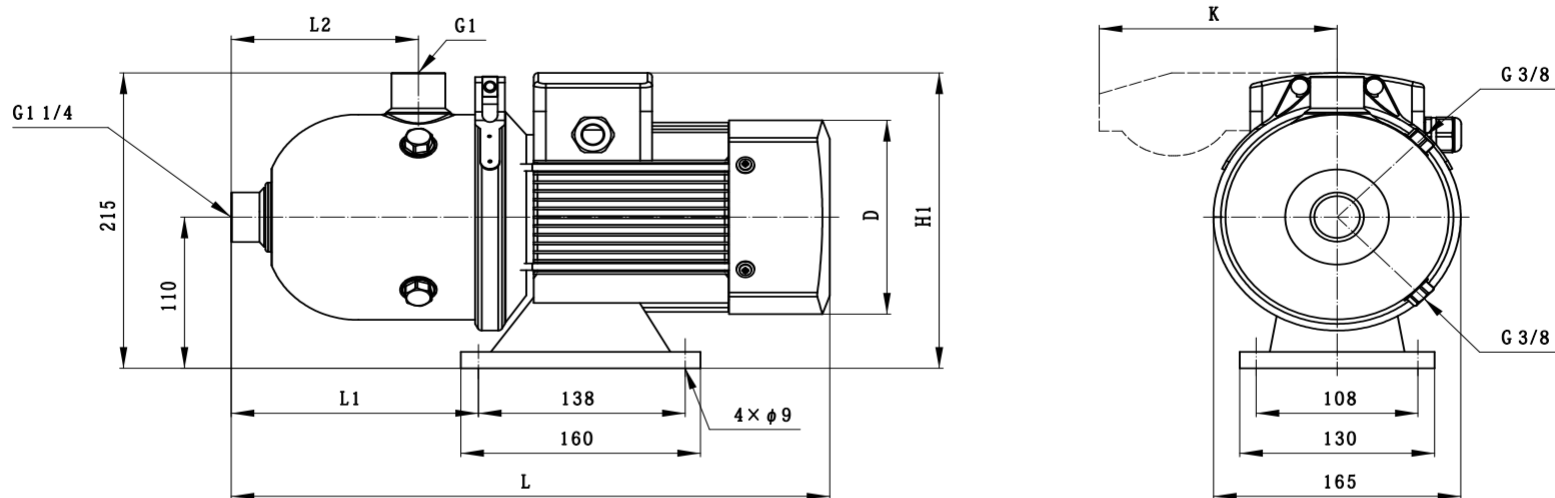
NHL5

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m ³ /h)	2.5	3	4	5	6	7	8	8.5
5-20	0.37	H (m)	13.5	13.2	12.5	11.5	9	7	5	4
5-30	0.55		21	20.5	19	17.5	15	12	9	7.5
5-40	0.55		28	27.5	26	24	21	17	13	11

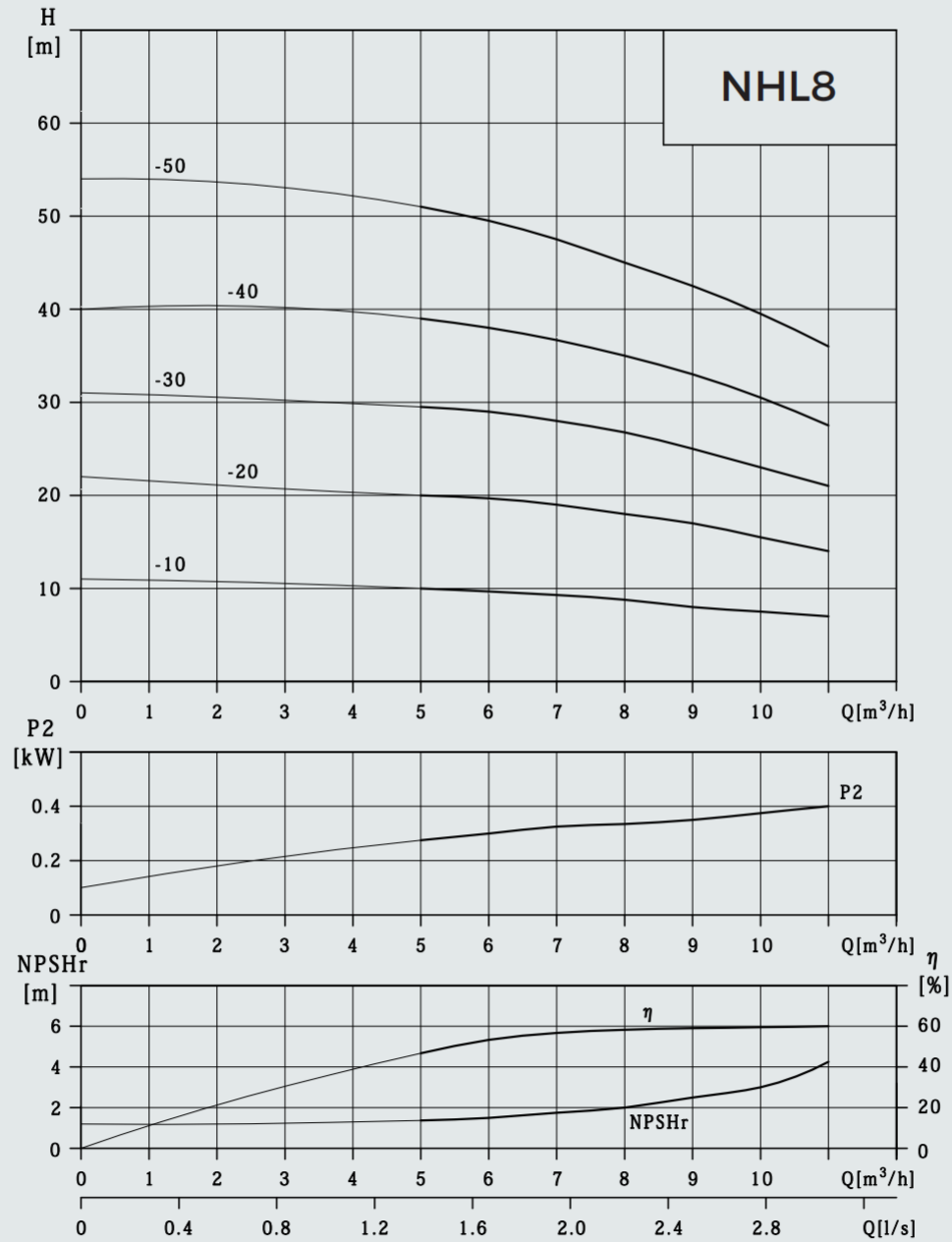
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	5-20	400	172	132	141	215/249	/62	10
	5-30	400	172	132	141	215/249	/62	11
	5-40	400	172	132	141	215/249	/62	12

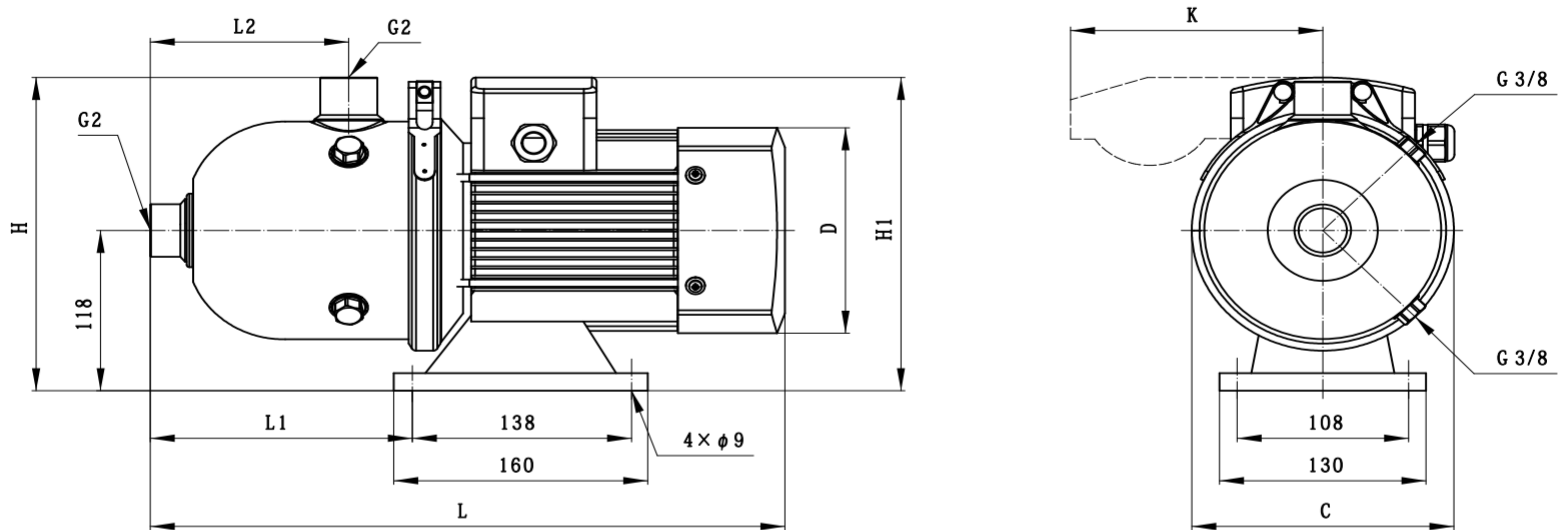
NHL8

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	5	6	7	8	9	10	11
8-10	0.75	H (m)	10	9.5	9.3	9	8	7.5	7
8-20	0.75		20	19.5	19	18	17	15.5	14
8-30	1.1		29.5	29	28	27	25	23	21
8-40	1.5		39	38	37	35	33	30.5	27.5
8-50	2.2		51	49.5	47.5	45	42.5	39.5	36

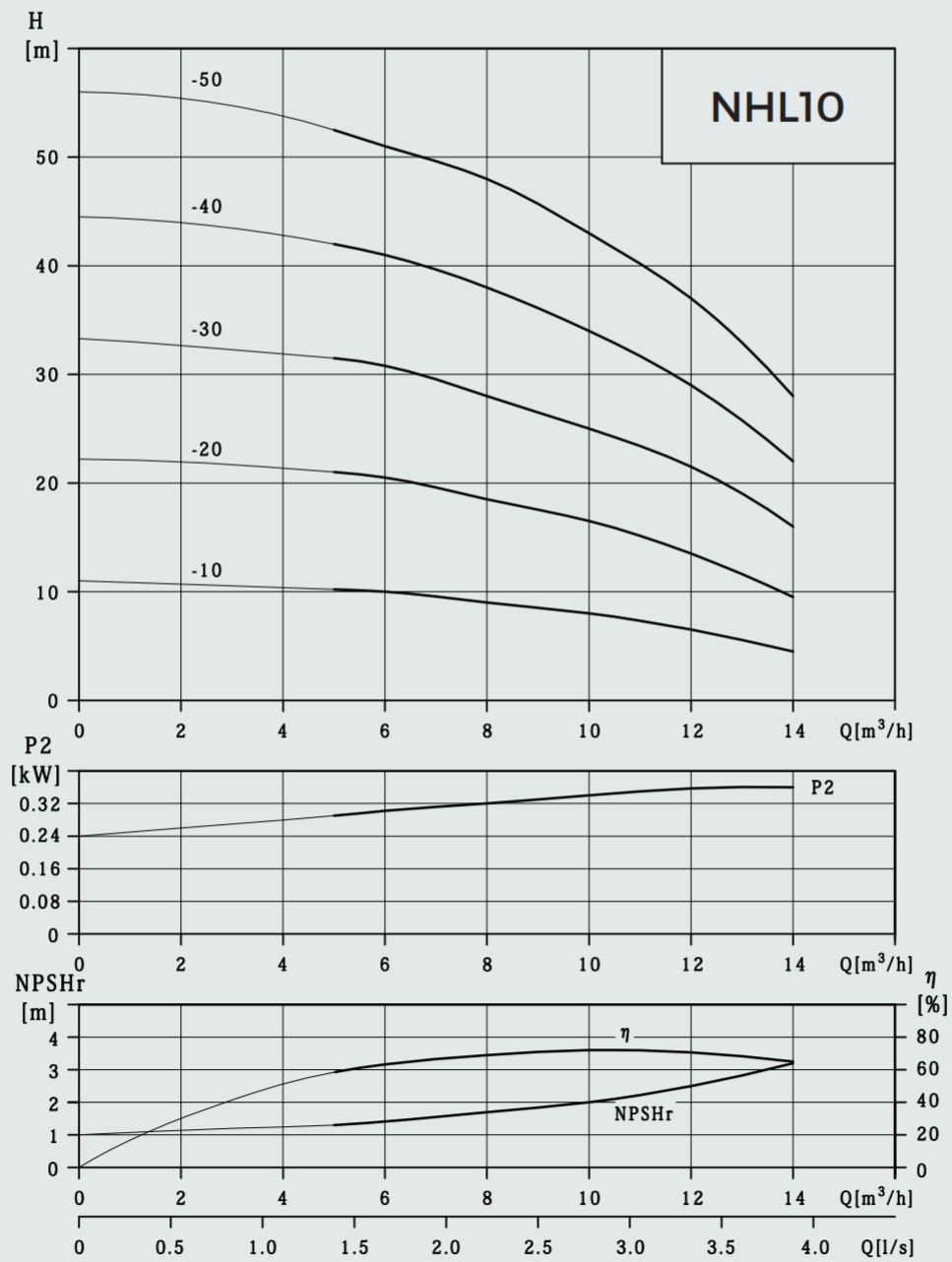
Dimensions and weight

Motor	Model	Dimensions (mm)								Weight (kg)
		L	L1	L2	H	C	D	H1	K	
Three phase/ Single phase	8-10	530	279	176	265	223	151/161	225/265	/91	18
	8-20	530	279	176	265	223	151/161	225/265	/91	19
	8-30	530	279	176	265	223	151/161	230/265	/91	22
	8-40	563	279	176	265	223	171/176	235/270	/91	27
	8-50	563	279	176	265	223	171/176	235/270	/91	32

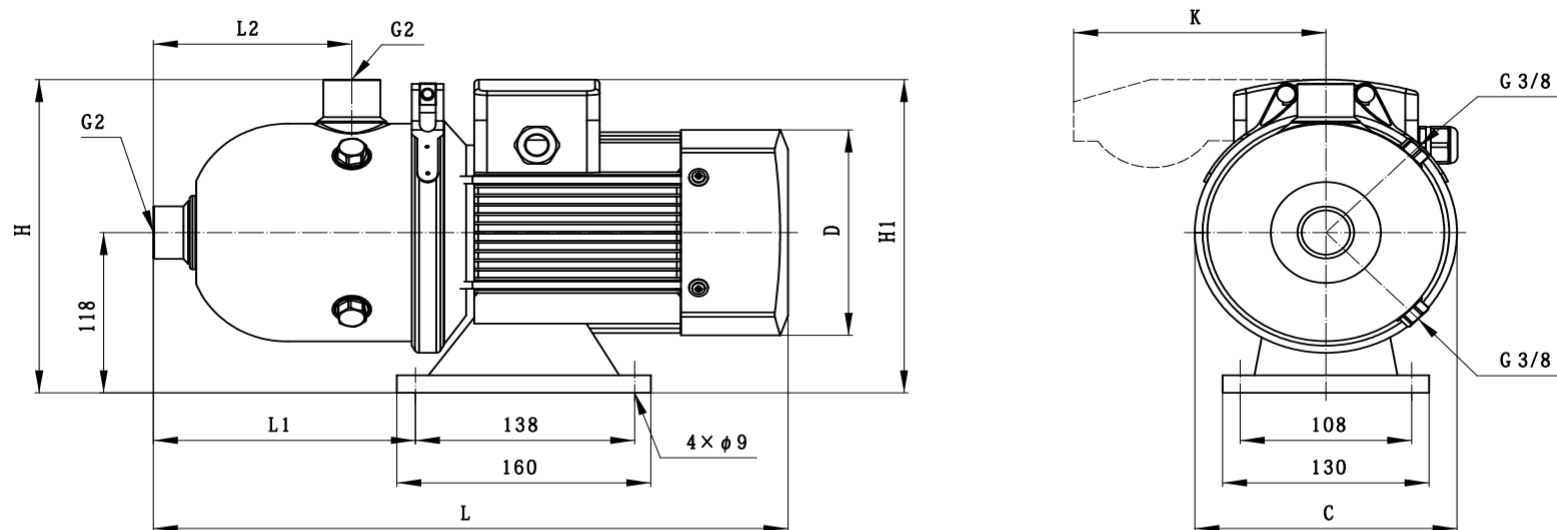
NHL10

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	5	6	8	10	12	14
10-10	0.75	H (m)	10.2	10	9	8	6.5	4.5
10-20	0.75		21	20.5	18.5	16.5	13.5	9.5
10-30	1.1		31.5	31	28	25.5	21.5	16
10-40	1.5		42	41	38	34	29	22
10-50	2.2		52.5	51	48	43	37	28

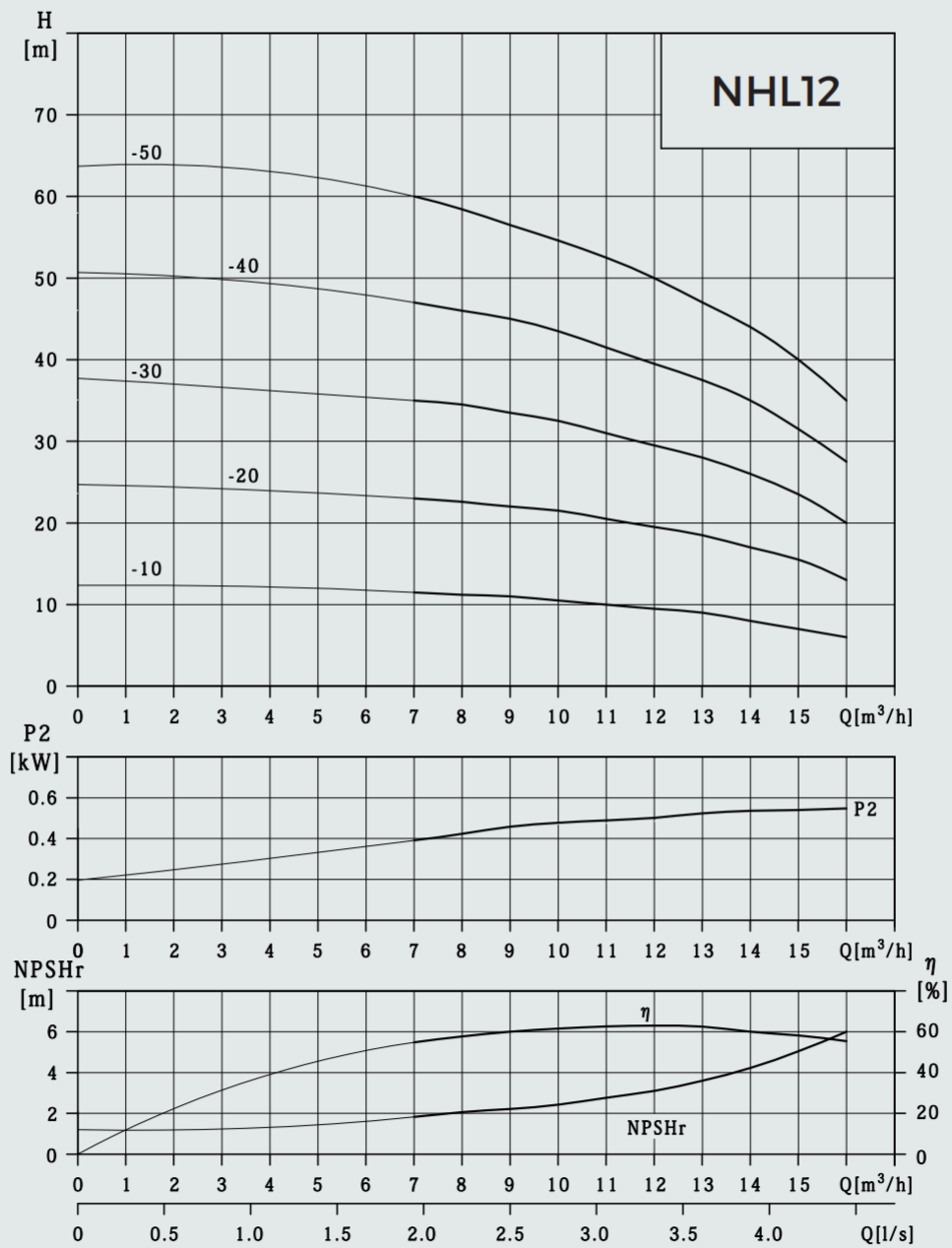
Dimensions and weight

Motor	Model	Dimensions (mm)								Weight (kg)
		L	L1	L2	H	C	D	H1	K	
Three phase/ Single phase	10-10	530	279	176	265	223	151/161	225/265	/91	18
	10-20	530	279	176	265	223	151/161	225/265	/91	19
	10-30	530	279	176	265	223	151/161	225/265	/91	22
	10-40	563	279	176	265	223	171/176	235/270	/91	27
	10-50	563	279	176	265	223	171/176	235/270	/91	32

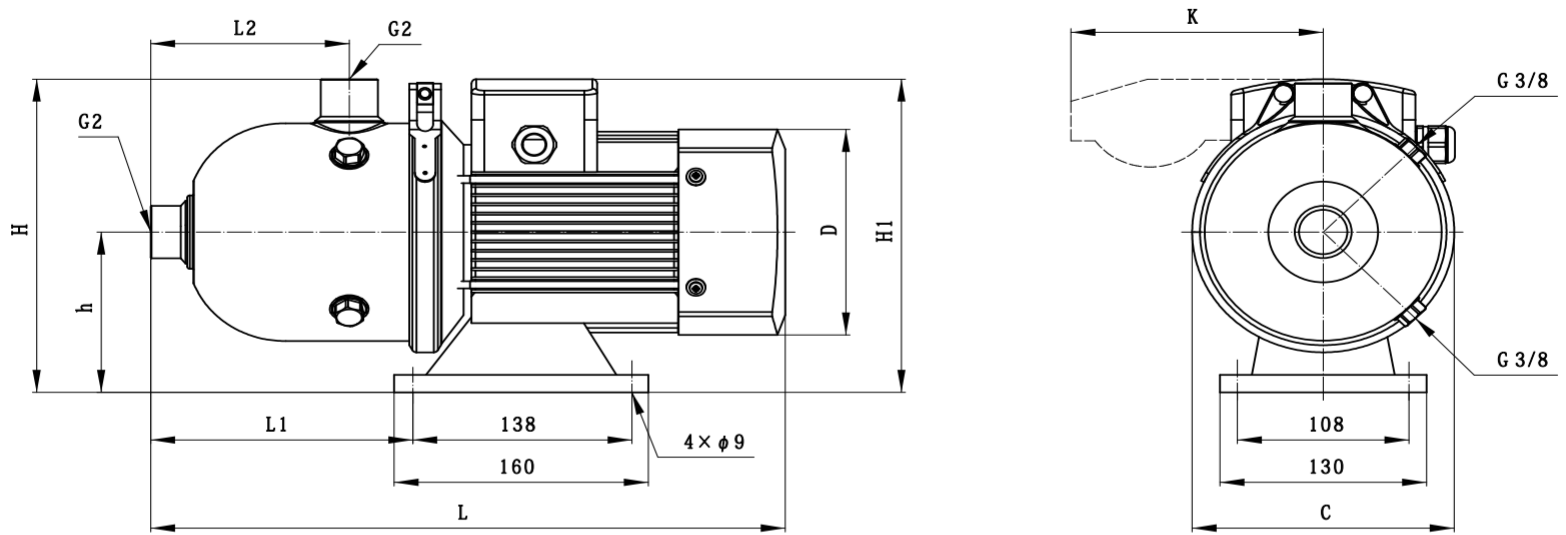
NHL12

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
12-10	0.75	H (m)	11.5	11.2	11	10.5	10	9.5	9	8	7	6
12-20	1.2		23	22.5	22	21.5	20.5	19.5	18.5	17	15.5	13
12-30	1.8		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
12-40	2.4		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
12-50	3		60	58	56.5	55	52.5	50	47	44	40	35

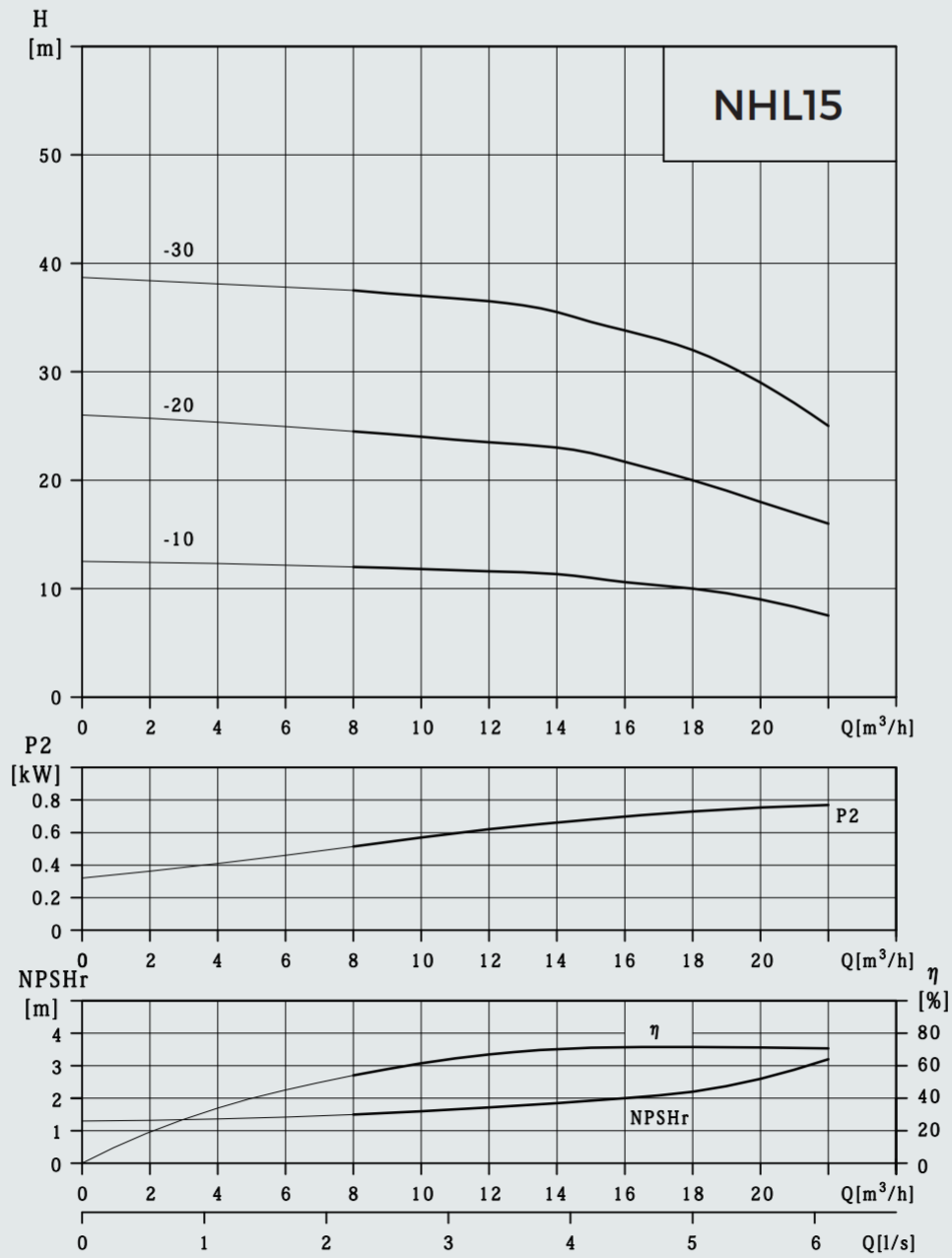
Dimensions and weight

Motor	Model	Dimensions (mm)									Weight (kg)
		L	L1	L2	h	H	C	D	H1	K	
Three phase/ Single phase	12-10	530	279	176	118	265	223	151/161	225/265	/91	18
	12-20	530	279	176	118	265	223	151/161	225/265	/91	22
	12-30	563	279	176	118	265	223	171/176	235/270	/91	28
	12-40	563	279	176	118	265	223	171/176	235/270	/91	33
	12-50	610	279	176	128	275	223	196/	259/	/	37

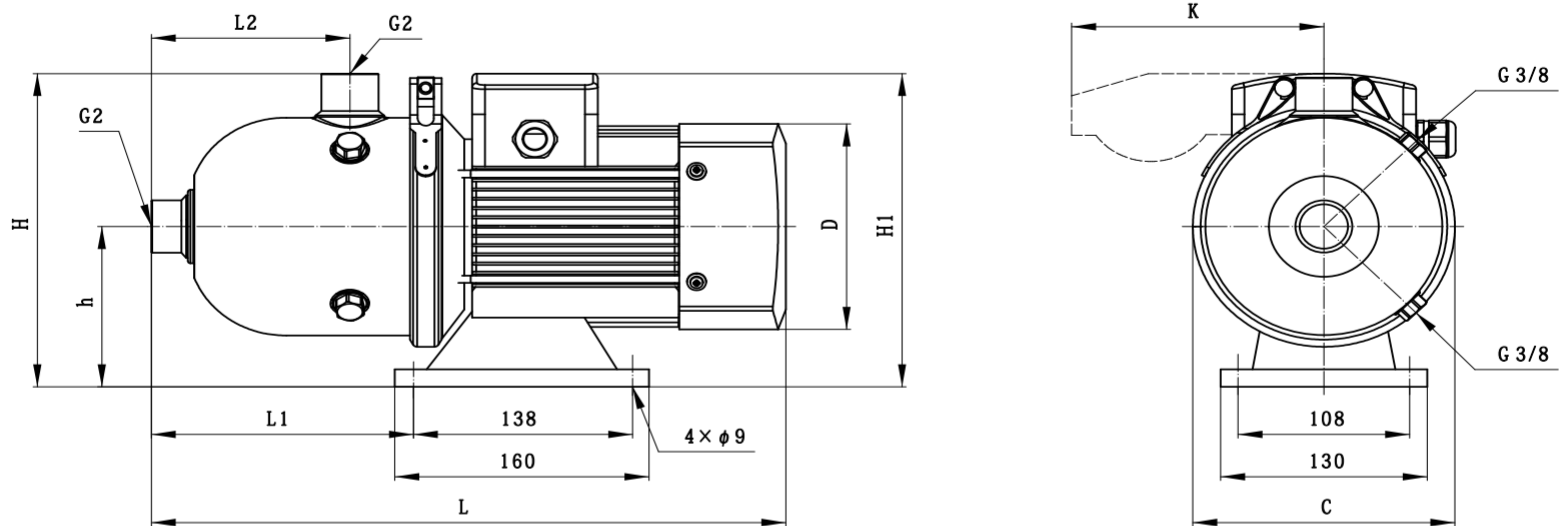
NHL15

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	8	10	12	14	15	16	18	20	22
			H (m)								
15-10	1.1		12	11.8	11.6	11.4	11	10.5	10	9	7.5
15-20	2.2		24.5	24	23.5	23	22.5	21.5	20	18	16
15-30	3		37.5	37	36.5	35.5	34.5	34	32	29	25

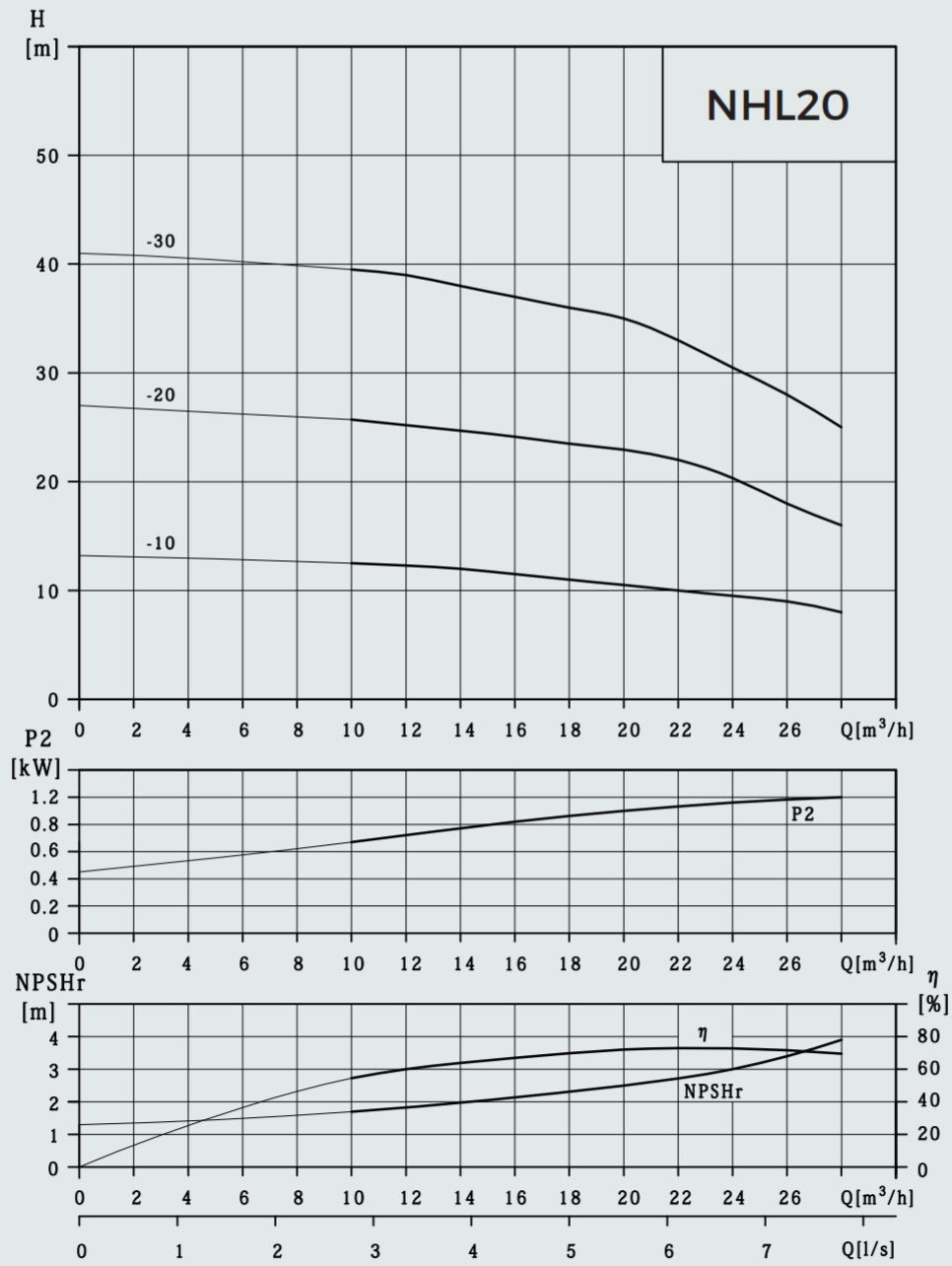
Dimensions and weight

Motor	Model	Dimensions (mm)									Weight (kg)
		L	L1	L2	h	H	C	D	H1	K	
Three phase/ Single phase	15-10	530	279	176	118	265	223	151/161	225/265	/91	20
	15-20	563	279	176	118	265	223	171/176	235/270	/91	26
	15-30	605	279	176	128	275	223	196/	259/	/	34

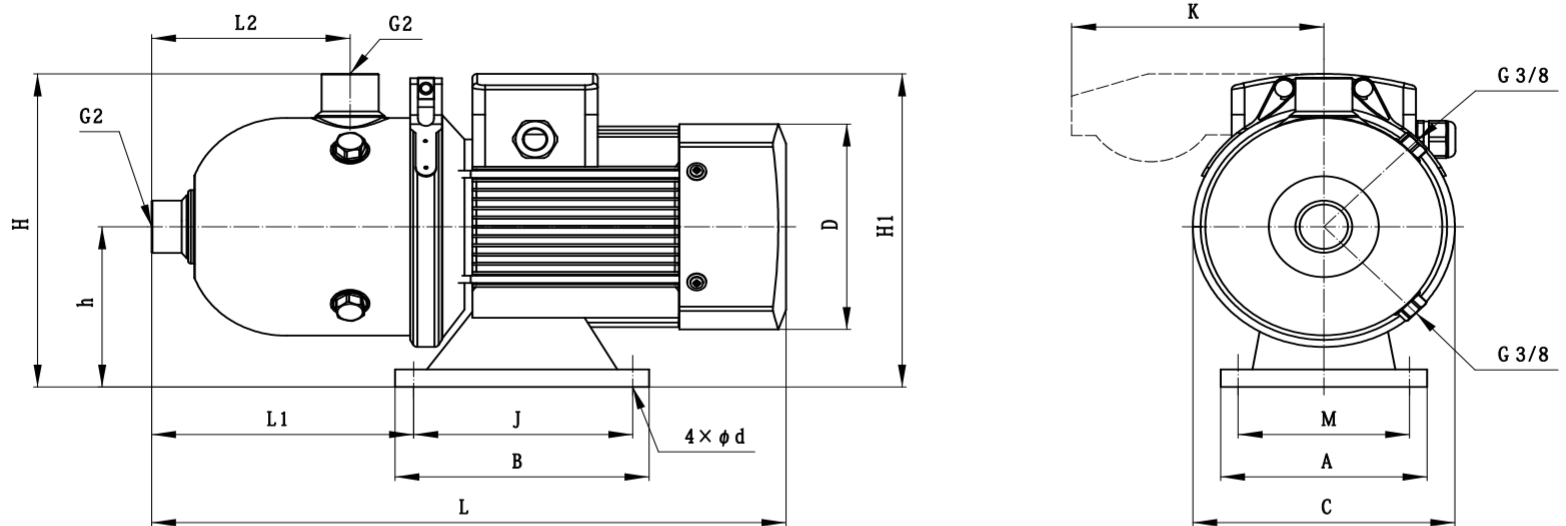
NHL20

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	H (m)									
			10	12	14	16	18	20	22	24	26	28
20-10	1.1		12.5	12.3	12	11.5	11	10.5	10	9.5	9	8
20-20	2.2	H (m)	26	25	24.5	24	23.5	23	22	20	18	16
20-30	4		39.5	39	38	37	36	35	33	30.5	28	25

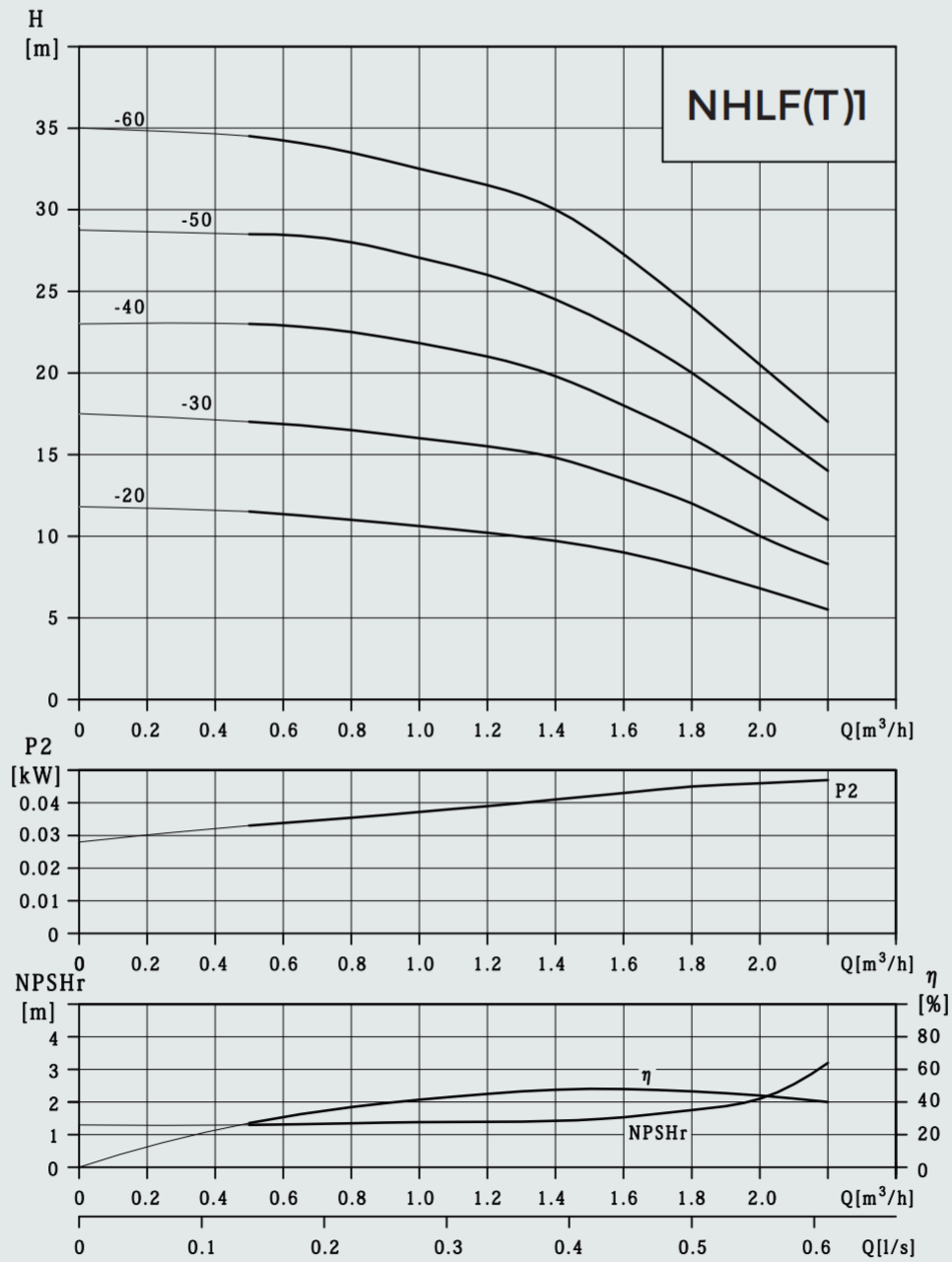
Dimensions and weight

Motor	Model	Dimensions (mm)													Weight (kg)	
		L	L1	L2	h	H	C	A	M	B	J	d	D	H1		K
Three phase/ Single phase	20-10	530	279	176	118	265	223	130	108	160	138	9	151/161	225/265	/91	20
	20-20	563	279	176	118	265	223	130	108	160	138	9	171/176	235/270	/91	26
	20-30	612	357	176	120	267	223	220	190	170	140	12	213/	270/	/	40

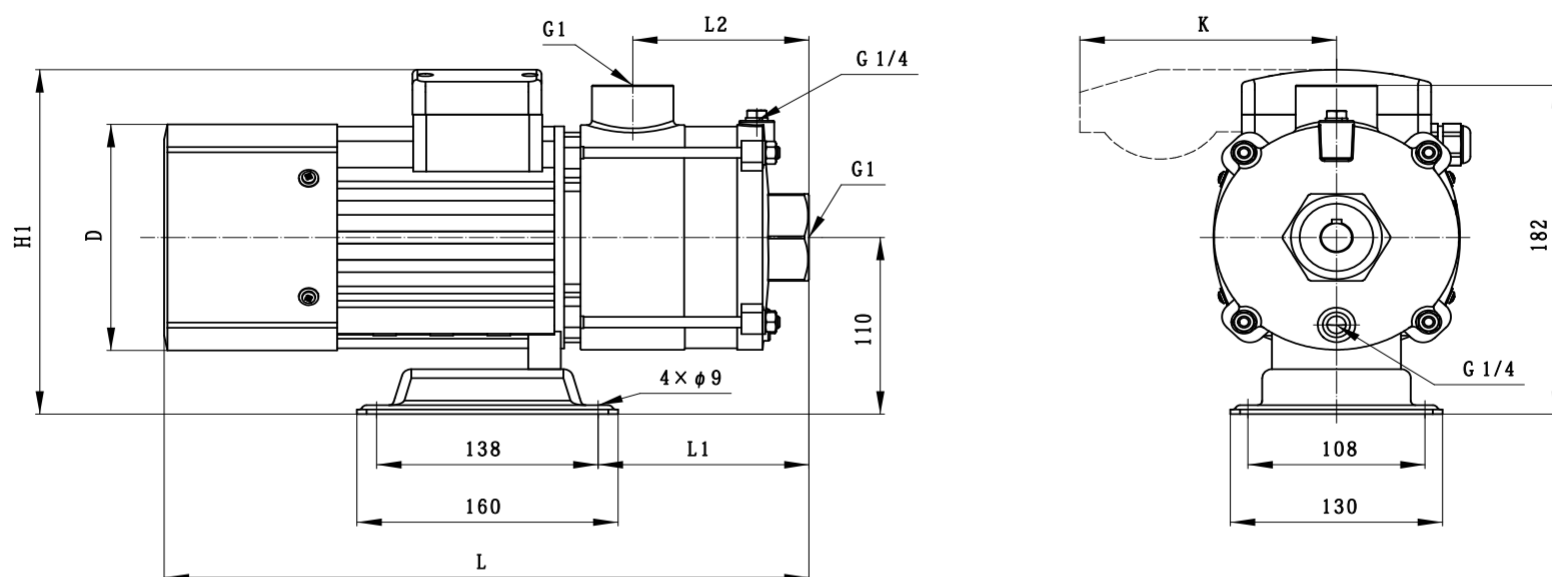
NHLF(T)1

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	0.5	0.8	1	1.2	1.4	1.6	1.8	2	2.2
1-20	0.37	H (m)	11.5	11	10.5	10.2	9.7	9	8	6.8	5.5
1-30	0.37		17	16.5	16	15.5	14.8	13.5	12	10	8.5
1-40	0.37		23	22.5	21.5	21	19.8	18	16	13.5	11
1-50	0.37		28.5	28	27	26	24.5	22.5	20	17	14
1-60	0.37		34.5	33.5	32.5	31.5	30	27	24	20.5	17

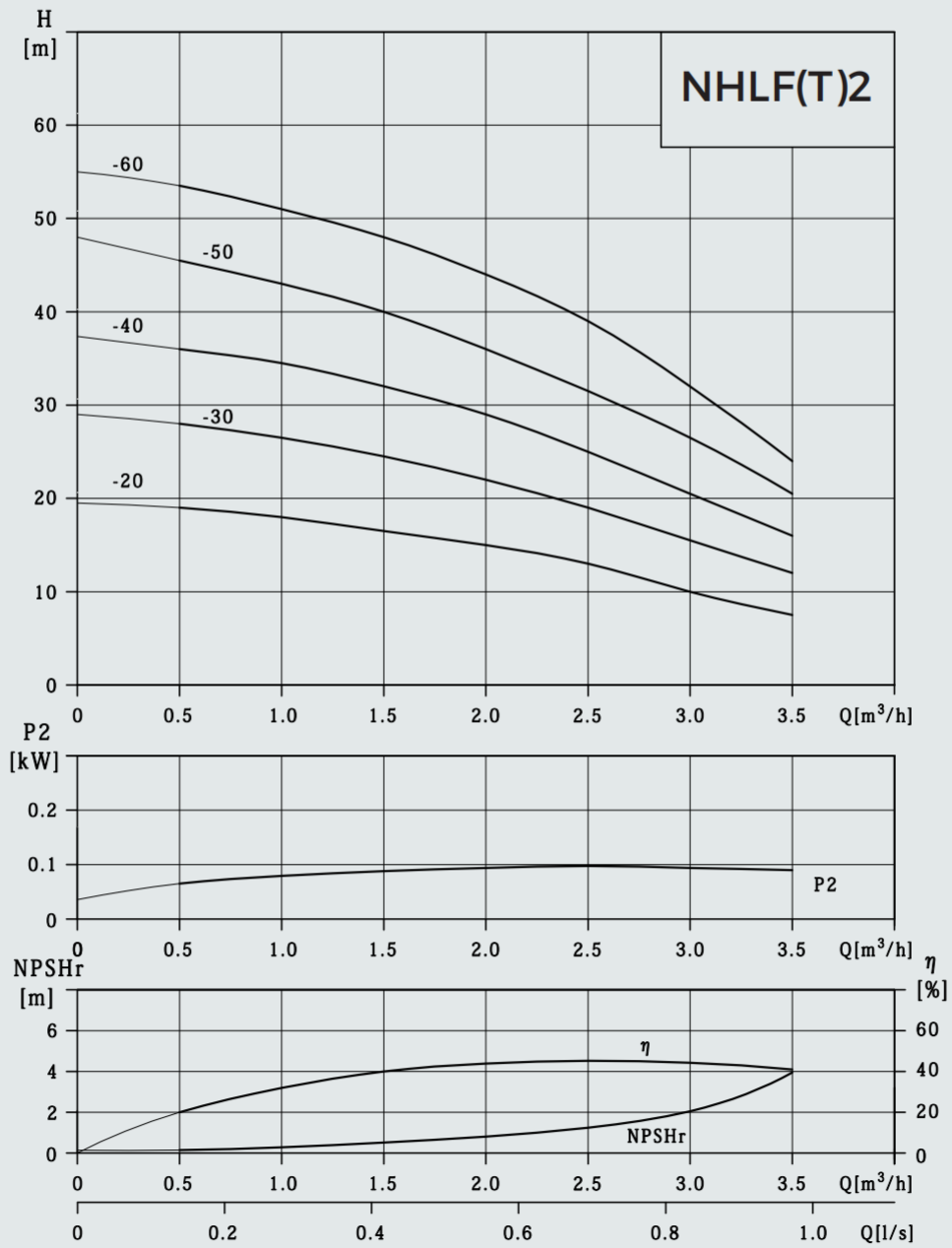
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	1-20	305	87	84	141	215/230	/62	9
	1-30	323	105	102	141	215/230	/62	10
	1-40	341	123	120	141	215/230	/62	11
	1-50	359	141	138	141	215/230	/62	12
	1-60	377	159	156	141	215/230	/62	13

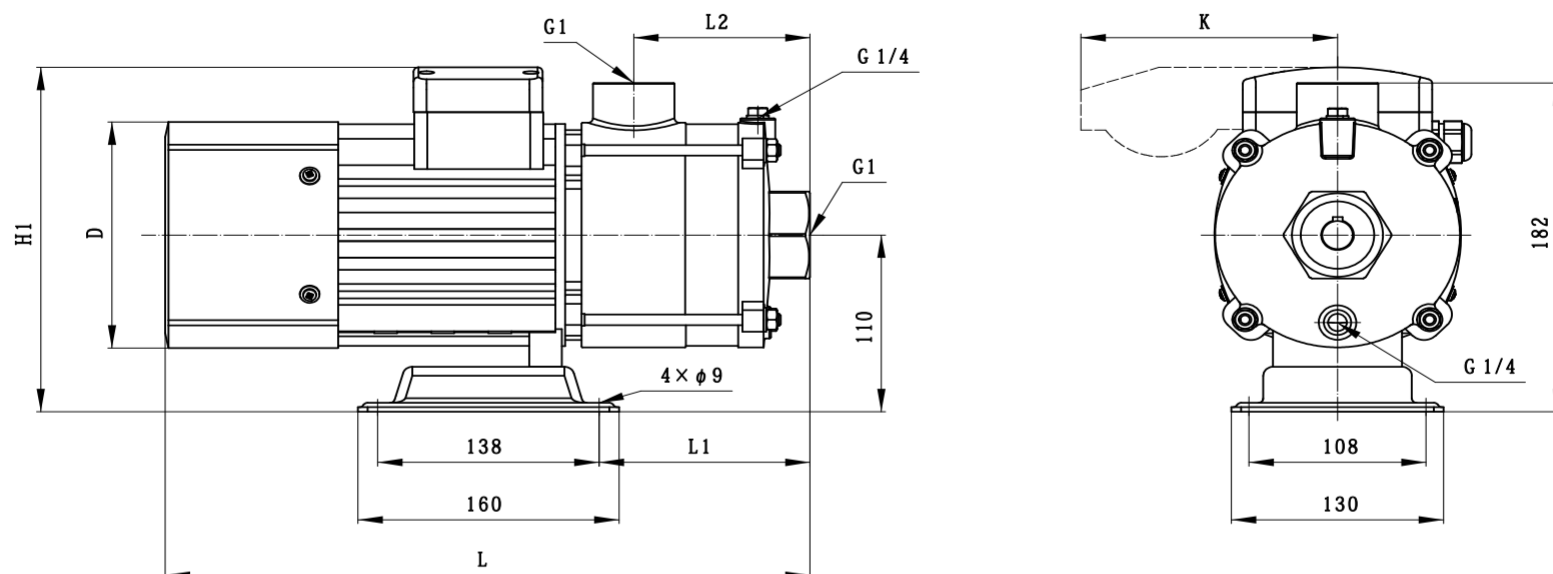
NHLF(T)2

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	0.5	1	1.5	2	2.5	3	3.5
2-20	0.37	H (m)	19	18	16.5	15	13	10	7.5
2-30	0.37		28	26.5	24.5	22	19	15.5	12
2-40	0.55		36	34.5	33	29	25	20.5	16
2-50	0.55		45.5	43	40	36	31.5	26.5	20.5
2-60	0.75		53.5	51	48	44	39	32	24

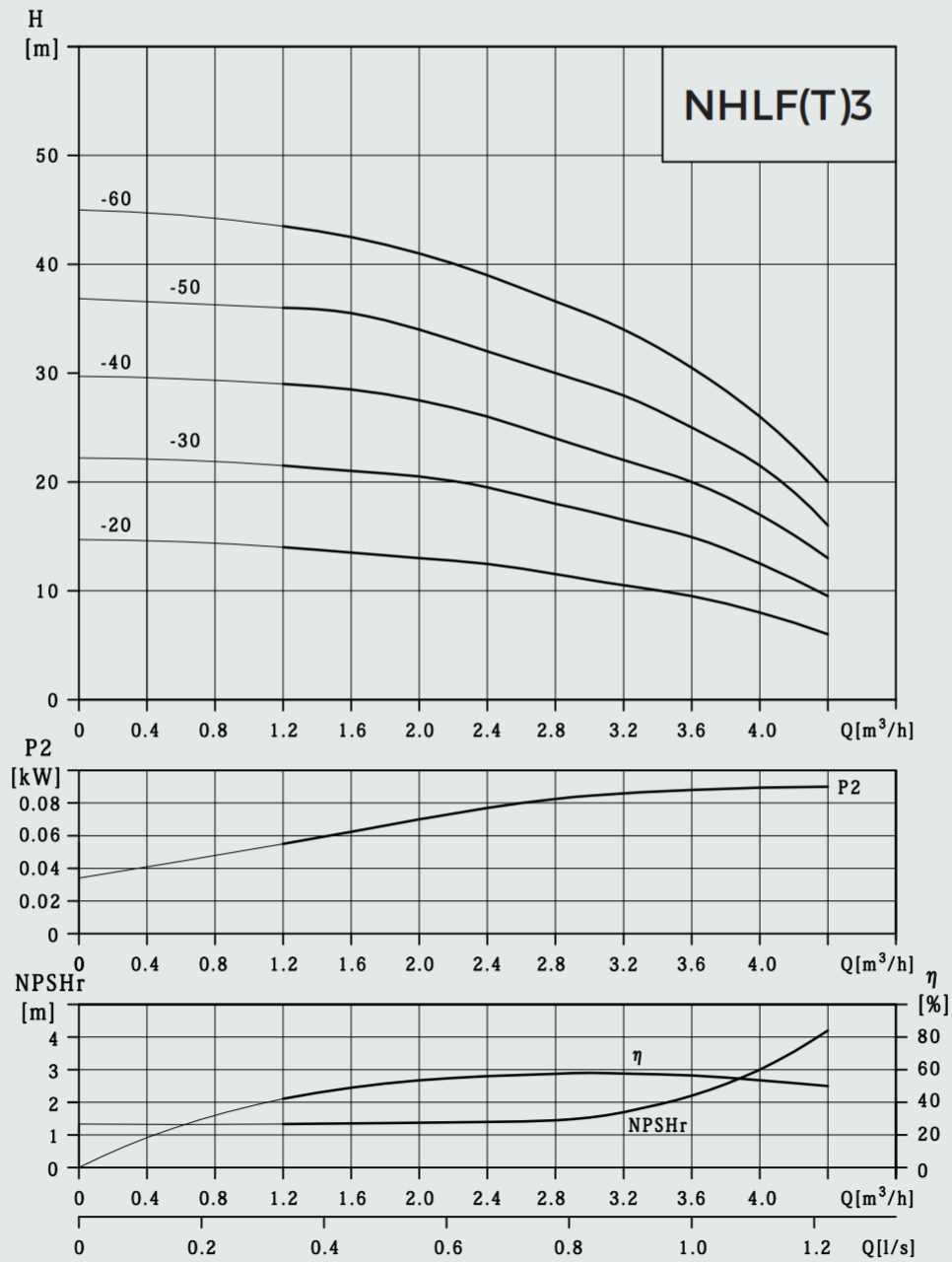
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	2-20	305	87	84	141	215/230	/62	9
	2-30	323	105	102	141	215/230	/62	10
	2-40	341	123	120	141	215/230	/62	11
	2-50	359	141	138	141	215/230	/62	12
	2-60	422	159	156	151/161	225/245	/91	15

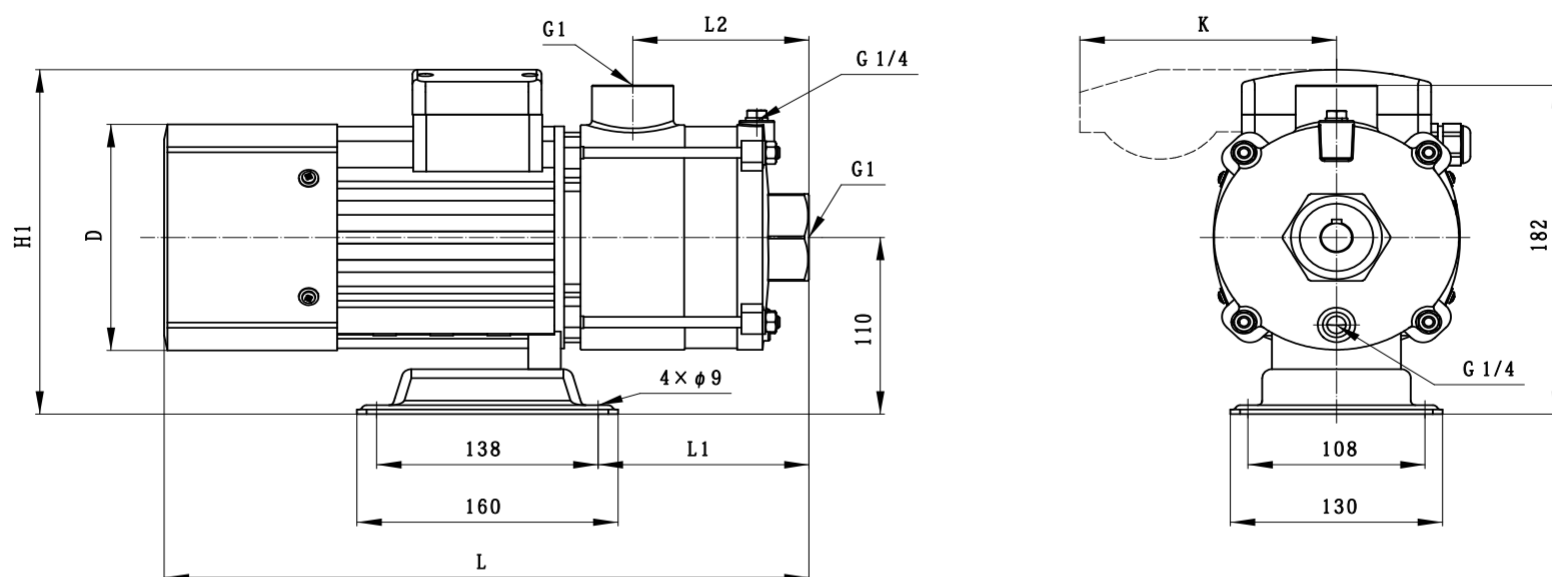
NHLF(T)3

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	H (m)									
			1.2	1.6	2	2.4	2.8	3	3.2	3.6	4	4.4
3-20	0.37	H (m)	14	13.5	13	12.5	11.5	11	10.5	9.5	8	6
3-30	0.37		21.5	21	20.5	19.5	18	17	16.5	15	12.5	9.5
3-40	0.37		29	28.5	27.5	26	24	23	22	20.5	17	13
3-50	0.55		36	35.5	34	32	30	29	28	25.5	21.5	16
3-60	0.55		43.5	42.5	41	39	36.5	35	34	30.5	26	20

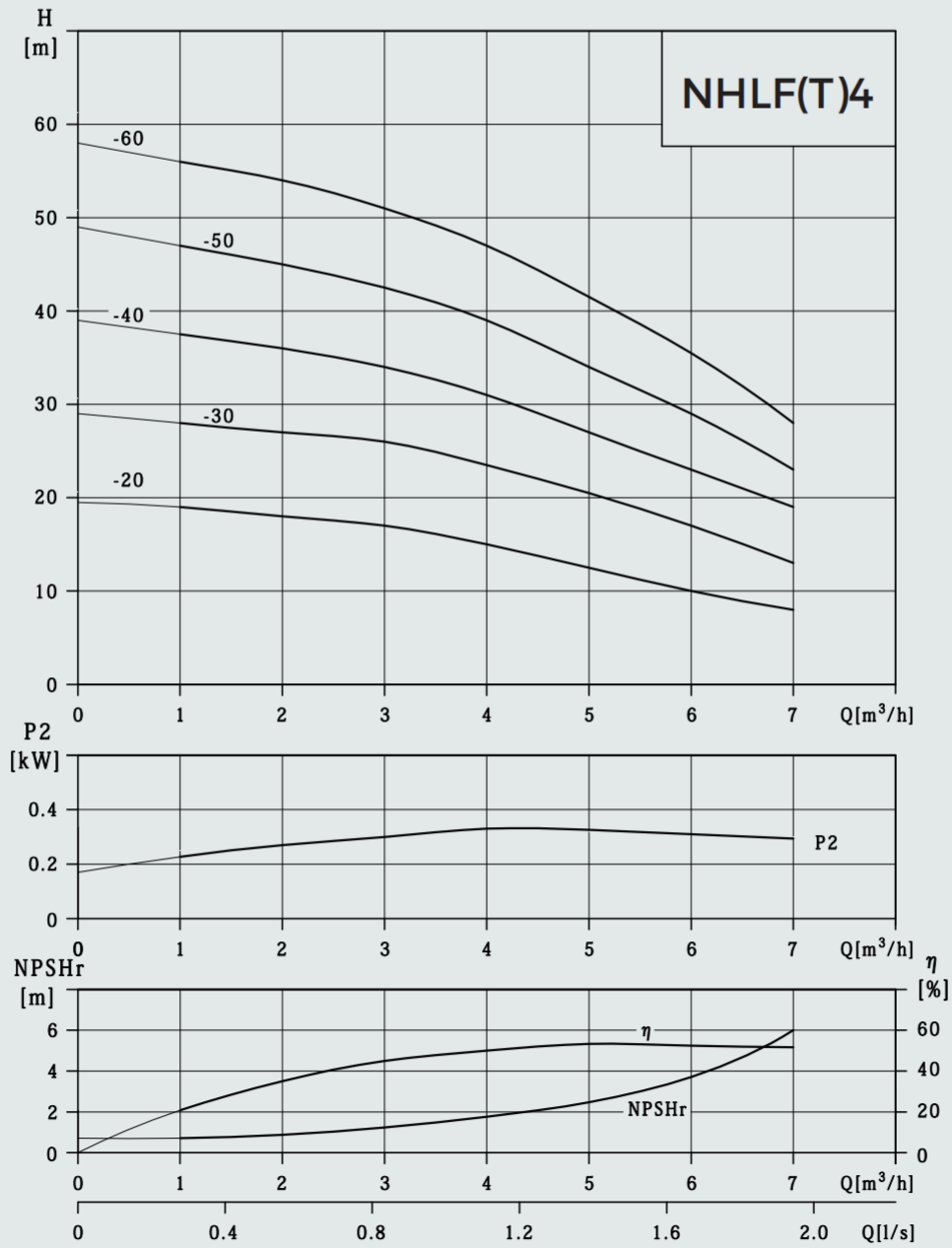
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	3-20	305	87	84	141	215/230	/62	9
	3-30	323	105	102	141	215/230	/62	10
	3-40	341	123	120	141	215/230	/62	11
	3-50	359	141	138	141	215/230	/62	12
	3-60	377	159	156	141	215/230	/62	13

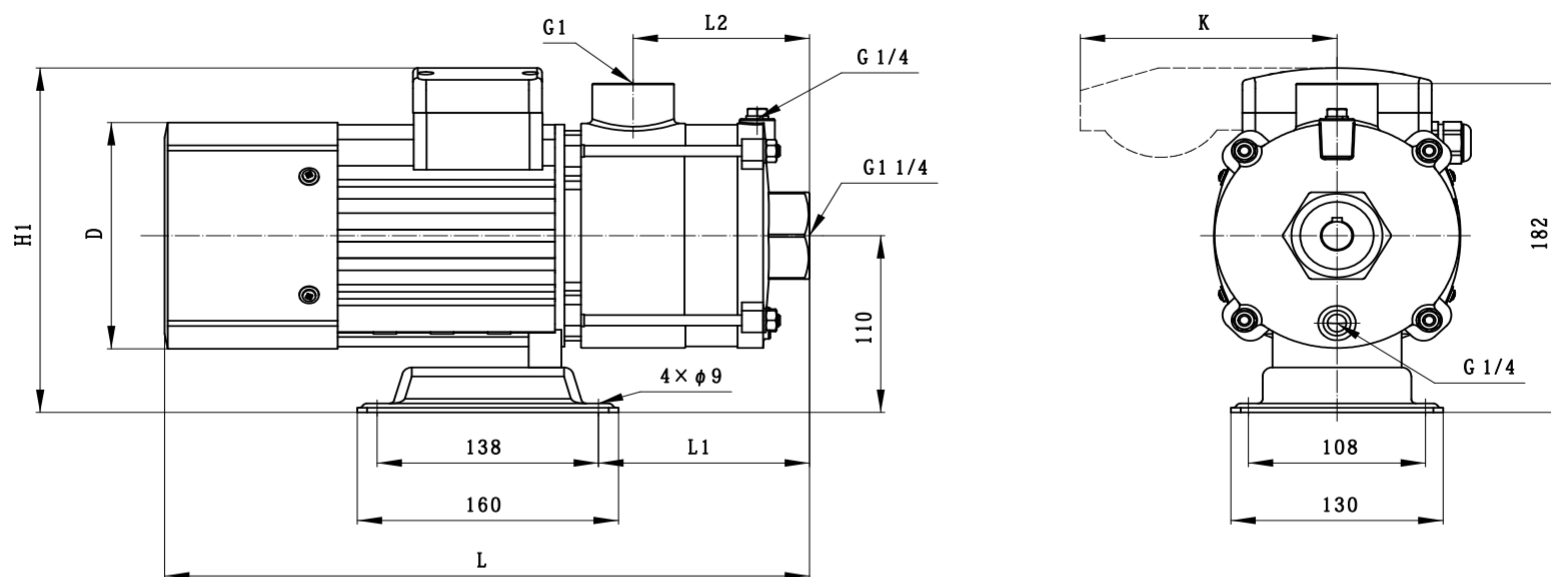
NHLF(T)4

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	1	2	3	4	5	6	7
4-20	0.37	H (m)	19	18	17	15	12.5	10	8
4-30	0.55		28	27	26	23.5	20.5	17	13
4-40	0.75		37.5	36	34	31	27	23	19
4-50	1.1		47	45	42.5	39	34	29	23
4-60	1.1		56	54	51	47	41.5	35.5	28

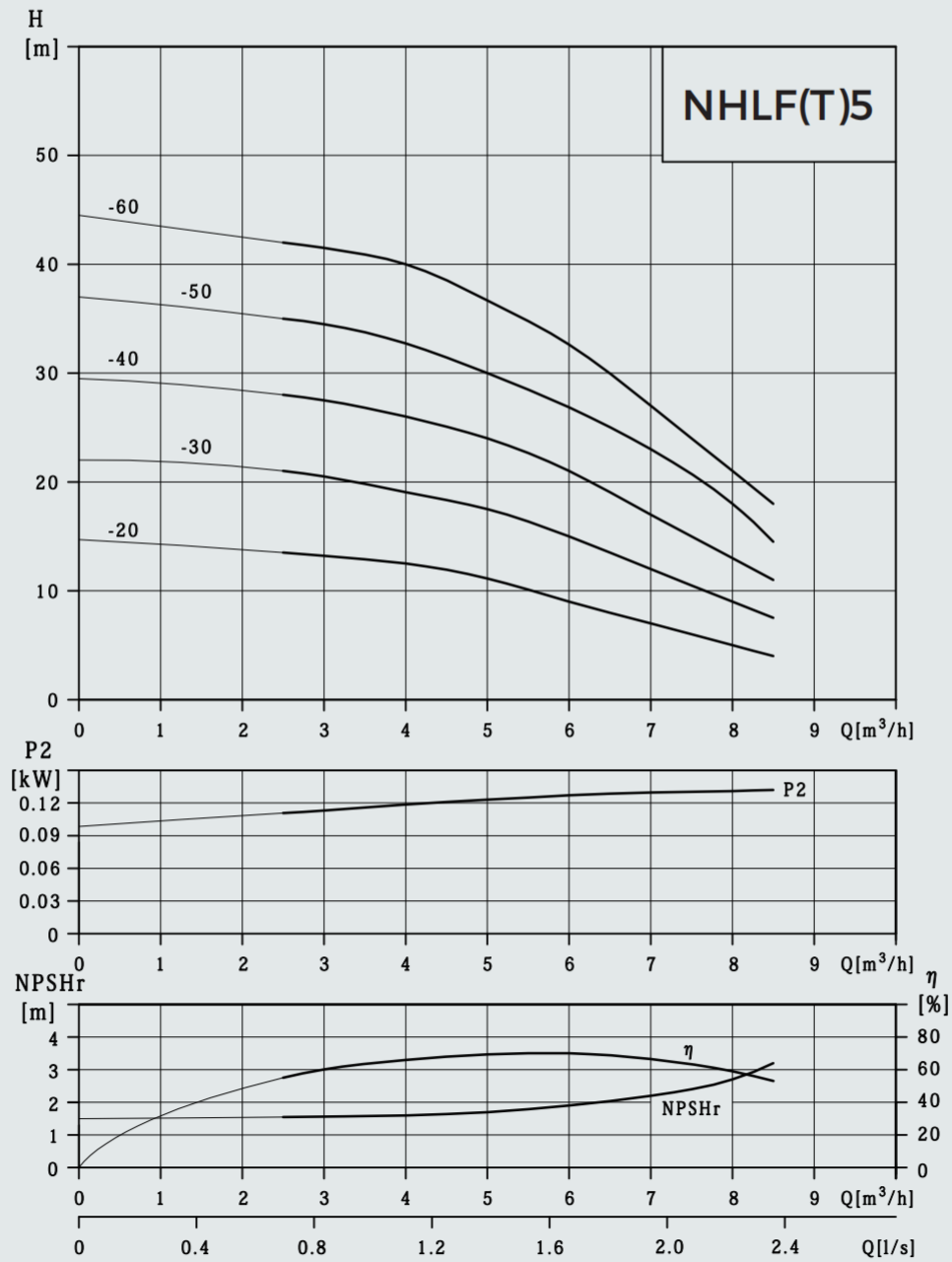
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	4-20	329	105	102	141	215/230	/62	10
	4-30	356	132	129	141	215/230	/62	11
	4-40	416	162	156	151/161	225/245	/91	14
	4-50	443	189	183	151/161	225/245	/91	16
	4-60	470	216	210	151/161	225/245	/91	17

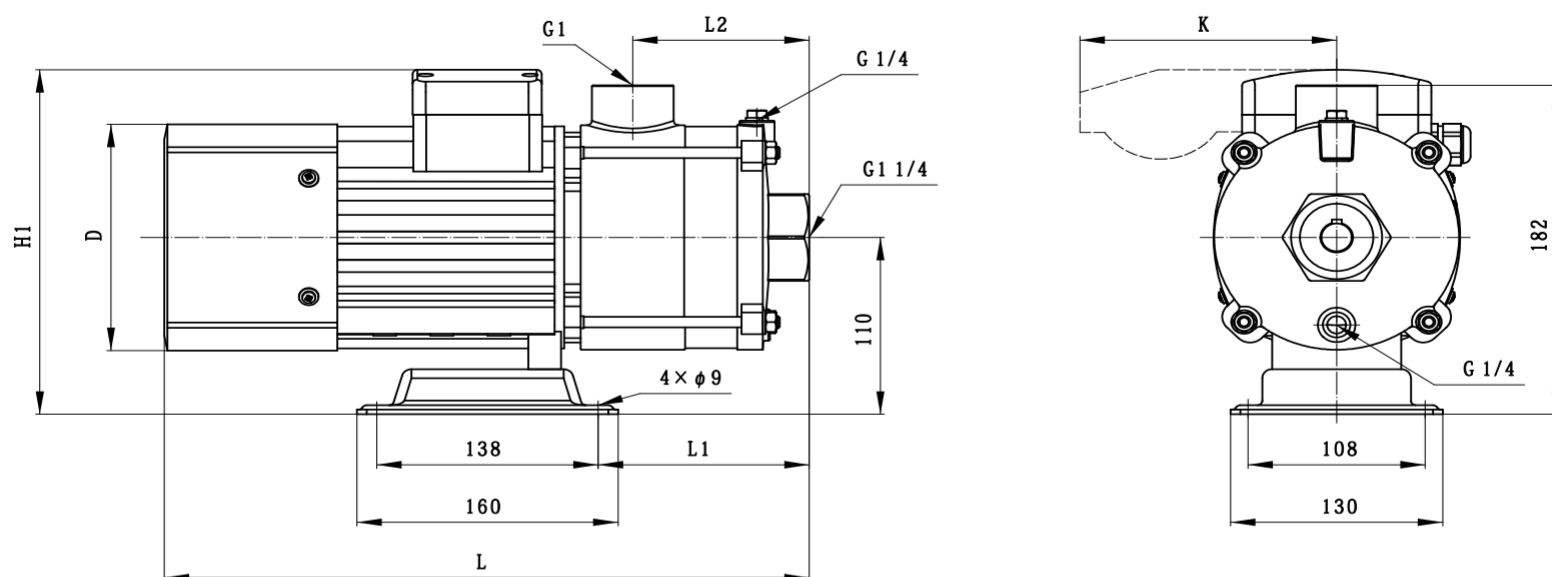
NHLF(T)5

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	2.5	3	4	5	6	7	8	8.5
5-20	0.37	H (m)	13.5	13.2	12.5	11.5	9	7	5	4
5-30	0.55		21	20.5	19	17.5	15	12	9	7.5
5-40	0.55		28	27.5	26	24	21	17	13	11
5-50	0.75		35	34.5	33	30	27	23	18	14.5
5-60	1.1		42	41.5	40	37	33	27	21	18

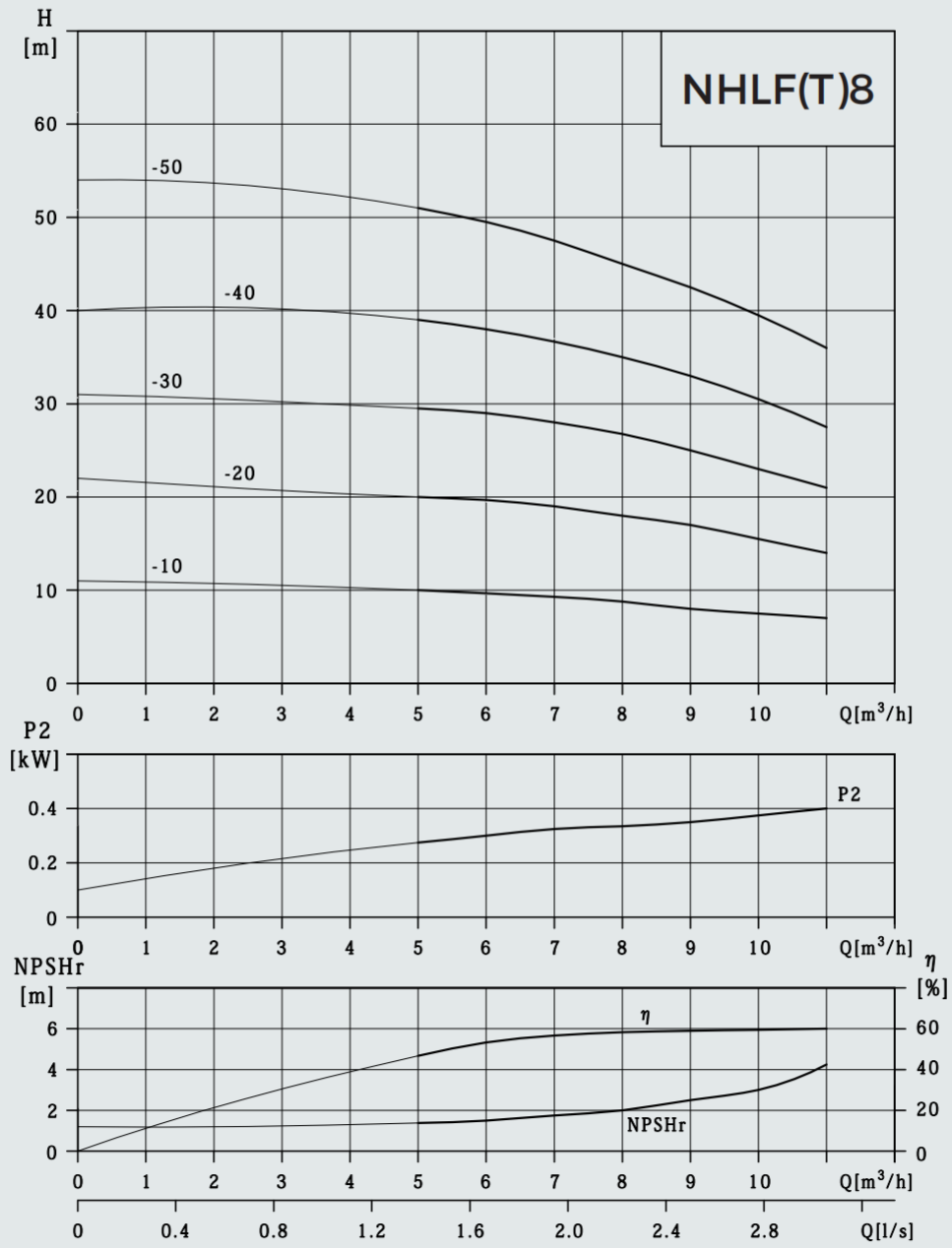
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	5-20	329	105	102	141	215/230	/62	10
	5-30	356	132	129	141	215/230	/62	11
	5-40	383	159	156	141	215/230	/62	14
	5-50	443	189	183	151/161	225/245	/91	17
	5-60	482	216	210	151/161	225/245	/91	19

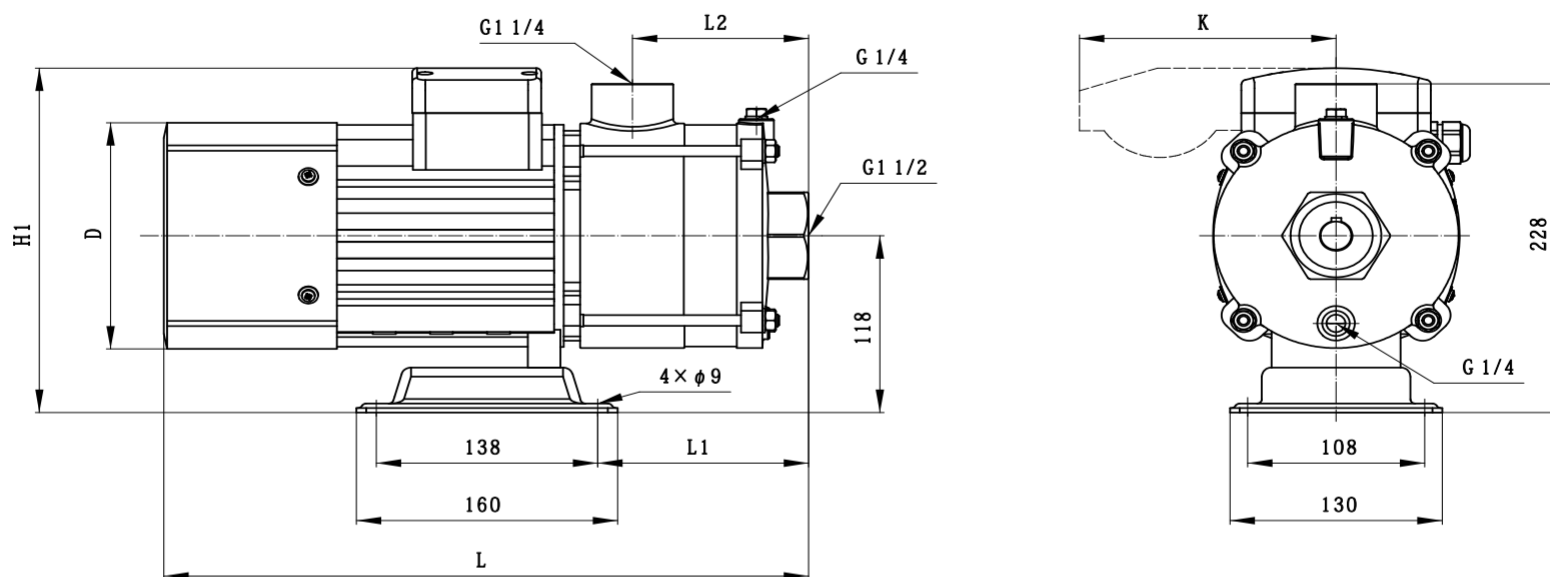
NHLF(T)8

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	5	6	7	8	9	10	11
8-10	0.75	H (m)	10	9.5	9.3	9	8	7.5	7
8-20	0.75		20	19.5	19	18	17	15.5	14
8-30	1.1		29.5	29	28	27	25	23	21
8-40	1.5		39	38	37	35	33	30.5	27.5
8-50	2.2		51	49.5	47.5	45	42.5	39.5	36

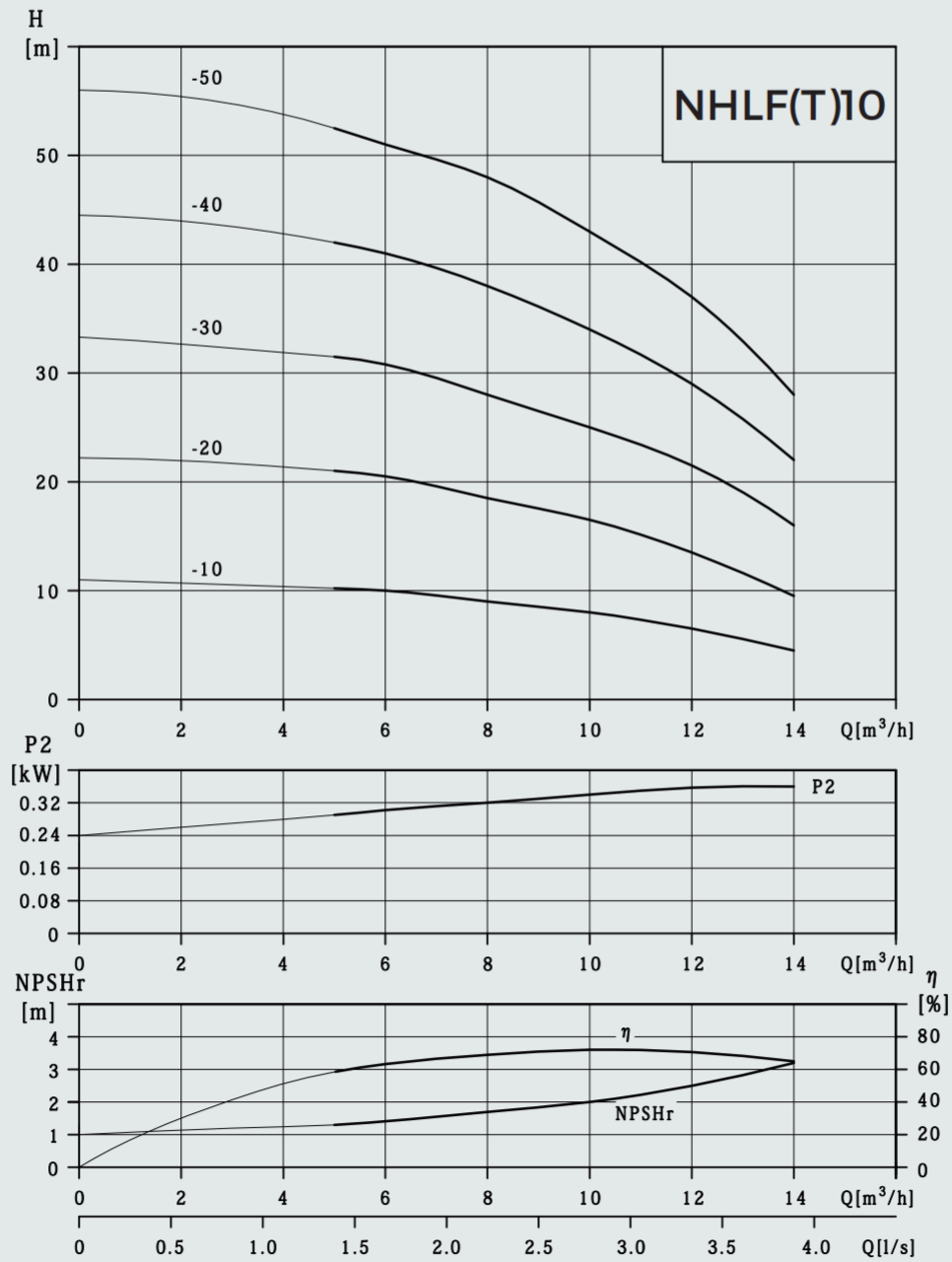
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	8-10	395	128	108	151/161	230/265	/91	17
	8-20	395	128	108	151/161	230/265	/91	17
	8-30	425	158	138	151/161	230/265	/91	19
	8-40	490	188	168	171/176	240/270	/91	22
	8-50	520	218	198	171/176	240/270	/91	25

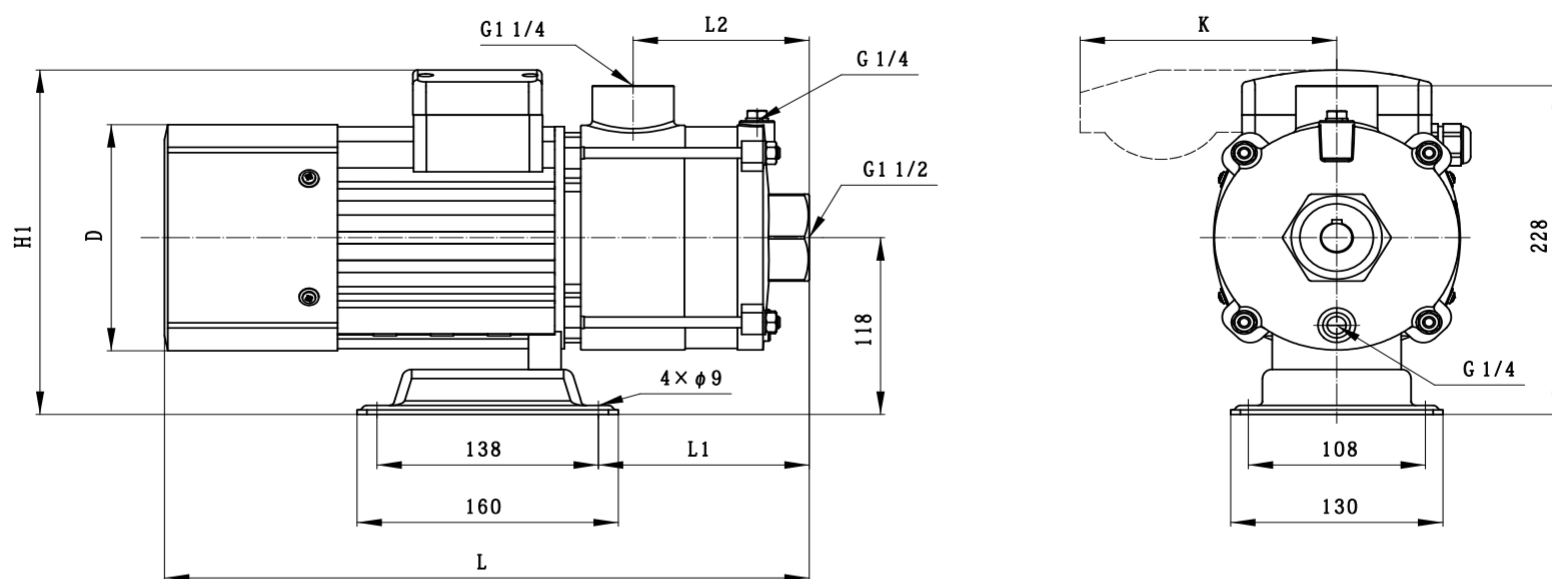
NHLF(T)10

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	5	6	8	10	12	14
10-10	0.75	H (m)	10.2	10	9	8	6.5	4.5
10-20	0.75		21	20.5	18.5	16.5	13.5	9.5
10-30	1.1		31.5	31	28	25.5	21.5	16
10-40	1.5		42	41	38	34	29	22
10-50	2.2		52.5	51	48	43	37	28

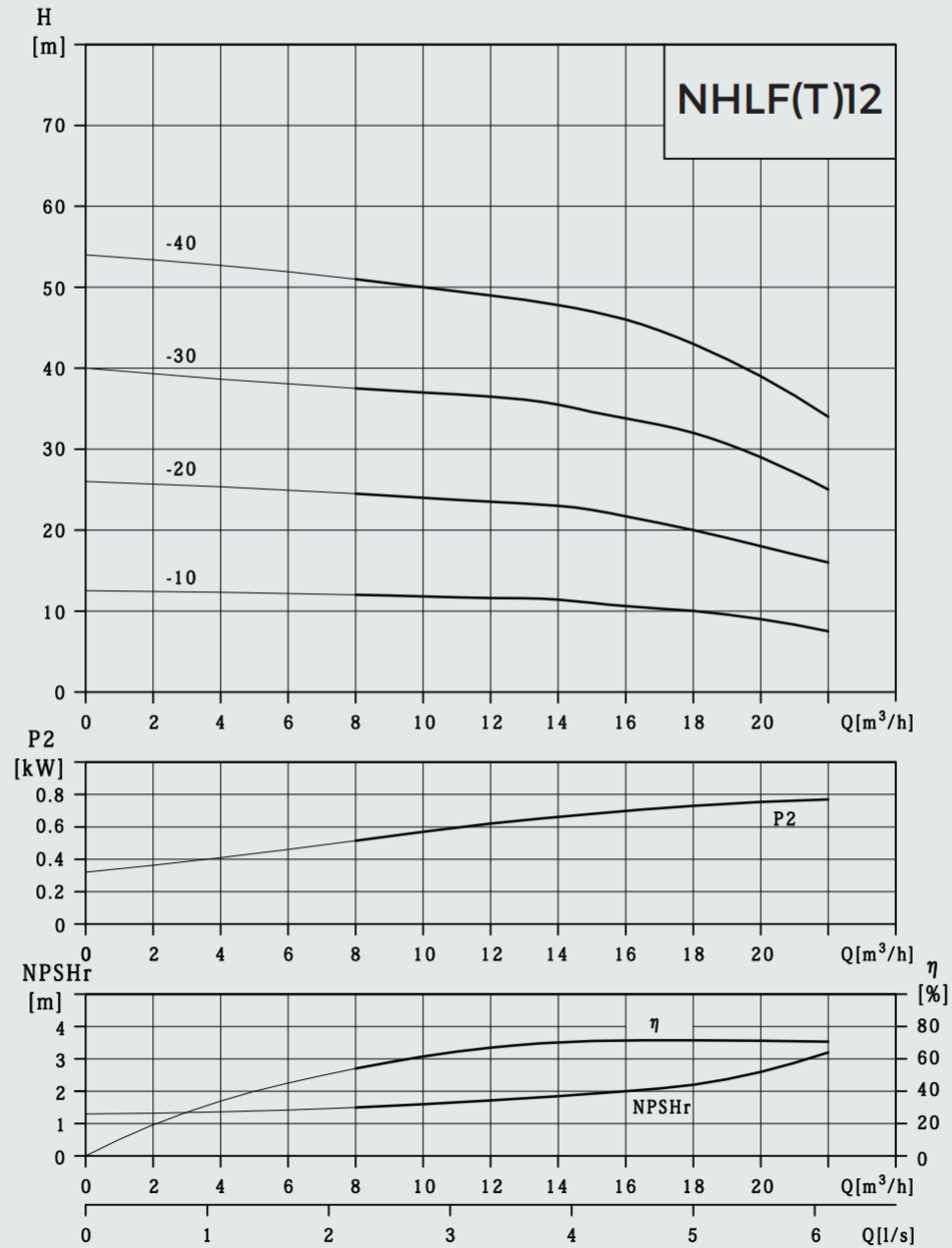
Dimensions and weight

Motor	Model	Dimensions (mm)						Weight (kg)
		L	L1	L2	D	H1	K	
Three phase/ Single phase	10-10	395	128	108	151/161	230/265	/91	17
	10-20	395	128	108	151/161	230/265	/91	17
	10-30	425	158	138	151/161	230/265	/91	19
	10-40	490	188	168	171/176	240/270	/91	22
	10-50	520	218	198	171/176	240/270	/91	25

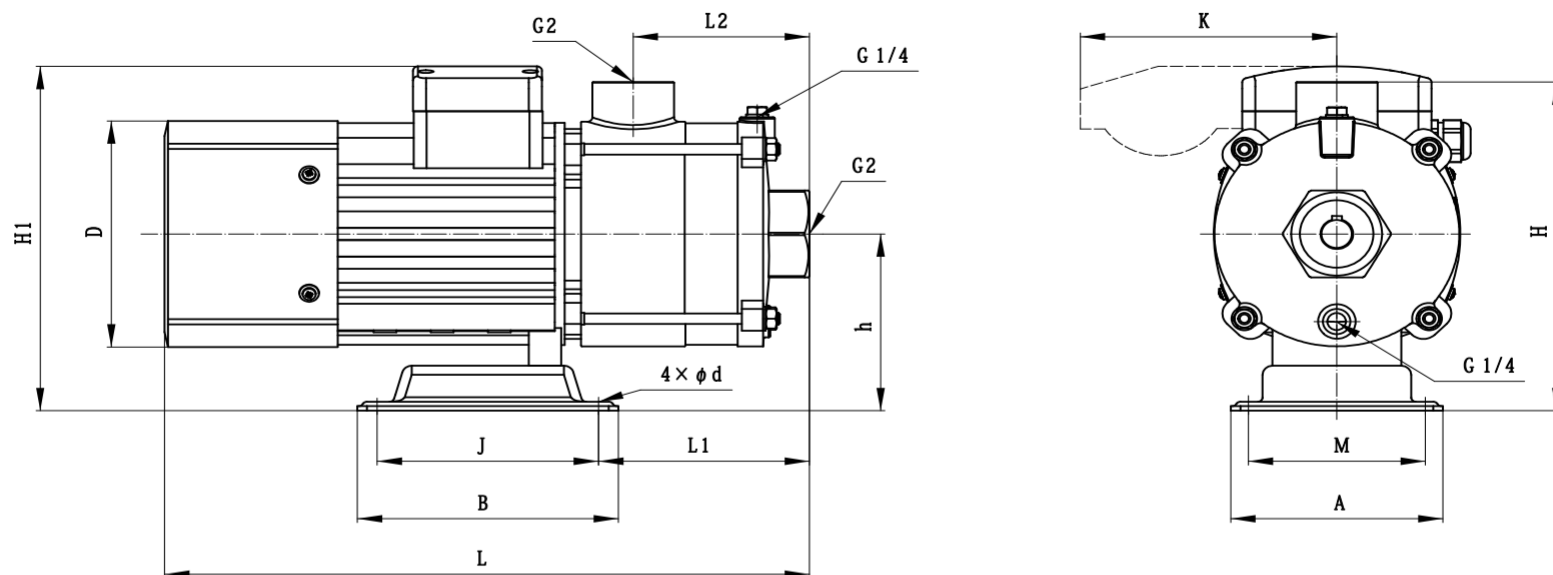
NHLF(T)12

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
12-10	0.75	H (m)	11.5	11.2	11	10.5	10	9.5	9	8	7	6
12-20	1.2		23	22.5	22	21.5	20.5	19.5	18.5	17	15.5	13
12-30	1.8		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
12-40	2.4		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
12-50	3		60	58	56.5	55	52.5	50	47	44	40	35

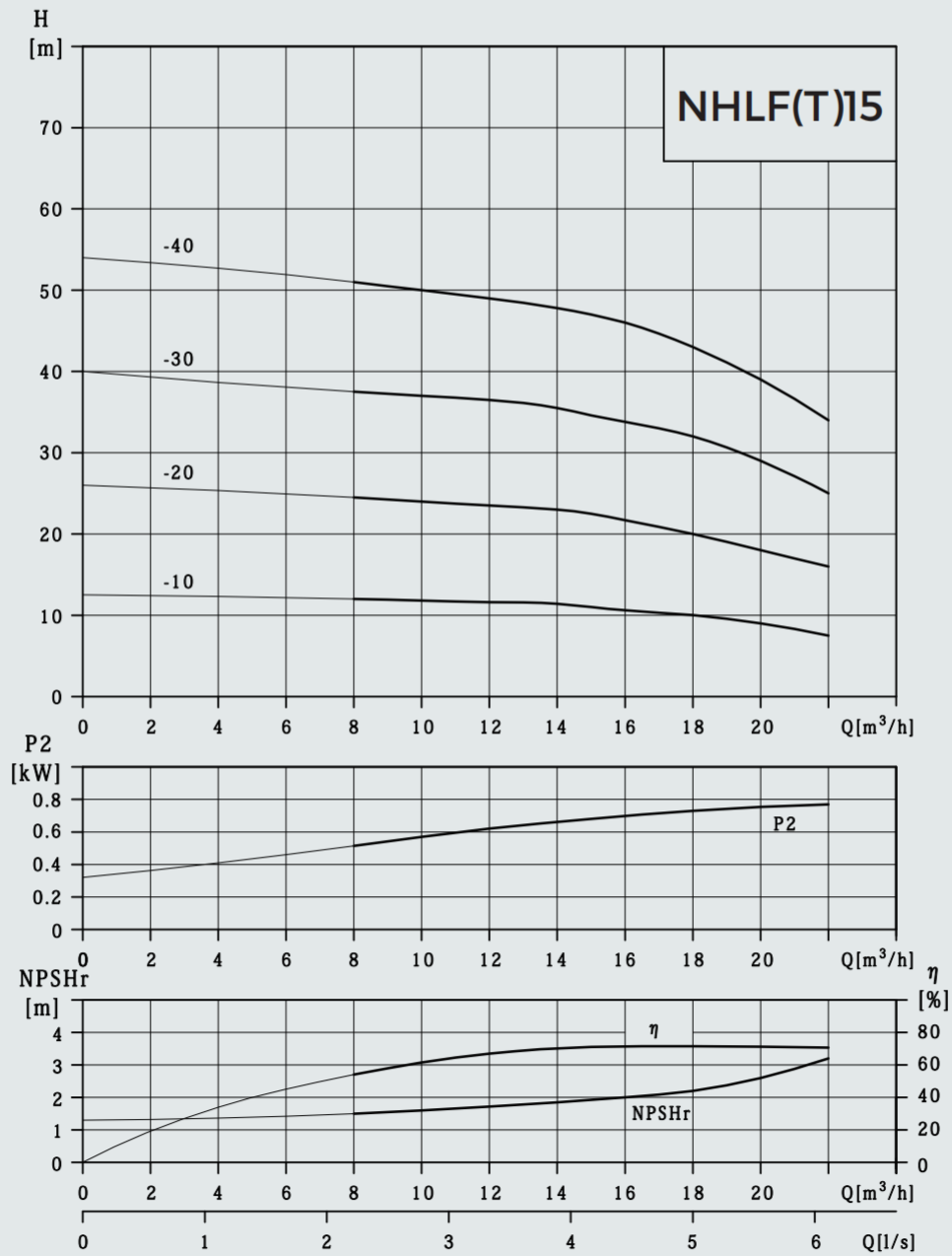
Dimensions and weight

Motor	Model	Dimensions (mm)										Weight (kg)
		L	L1	L2	H1	D	H	h	J	d	K	
Three phase/ Single phase	12-10	375/375	125	108	230/265	151/161	228	118	138	9	/91	18
	12-20	375/395	125	108	230/265	151/161	228	118	138	9	/91	19
	12-30	445/456	155	138	240/270	171/176	228	118	138	9	/91	28
	12-40	475/486	185	168	240/270	171/176	228	118	138	9	/91	30
	12-50	561/	215	198	259/	197/	238	128	138	9	/	36

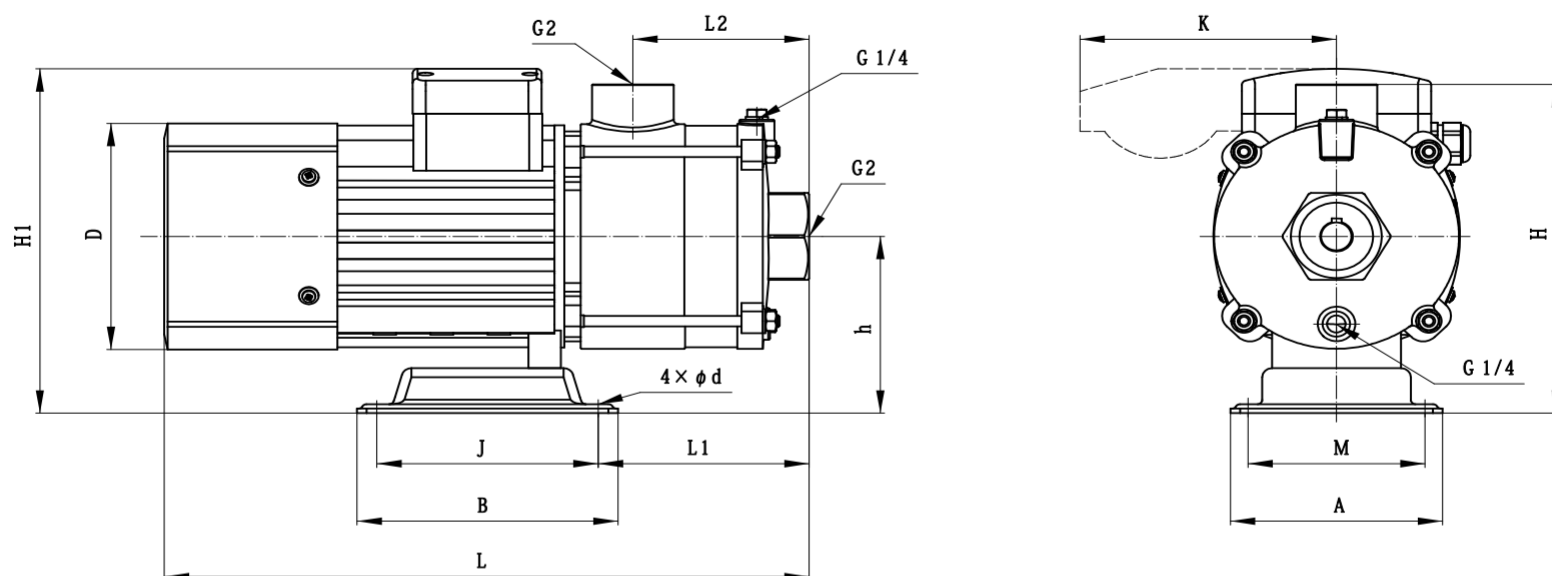
NHLF(T)15

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	8	10	12	14	15	16	18	20	22
15-10	1.1	H (m)	12	11.8	11.6	11.4	11	10.5	10	9	7.5
15-20	2.2		24.5	24	23.5	23	22.5	21.5	20	18	16
15-30	3		37.5	37	36.5	35.5	34.5	34	32	29	25
15-40	4		51	50	49	47.5	47	46	43	39	34

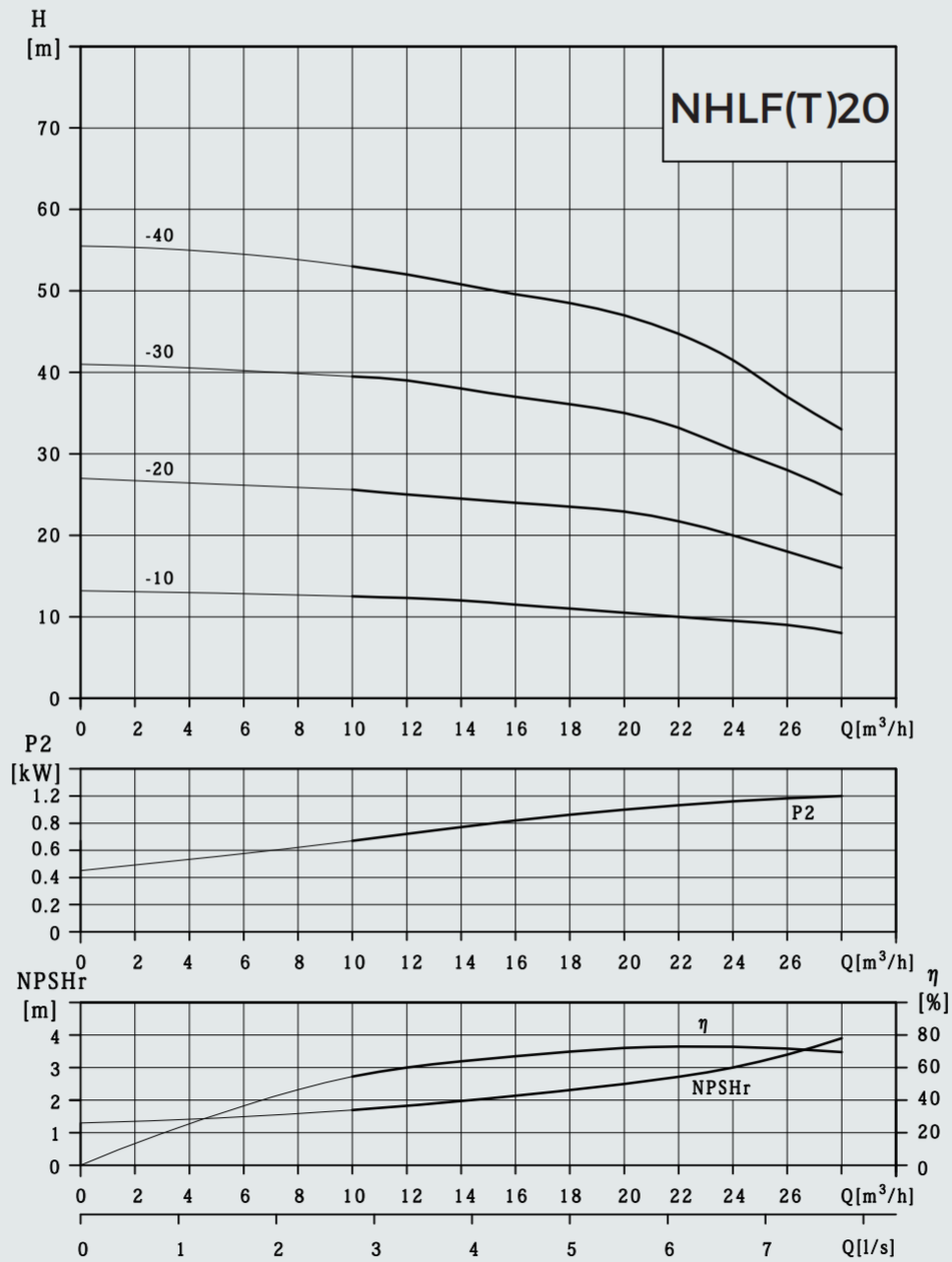
Dimensions and weight

Motor	Model	Dimensions (mm)													Weight (kg)
		L	L1	L2	H1	D	H	h	A	M	B	J	d	K	
Three phase/ Single phase	15-10	400/420	150	126	230/265	151/161	228	118	130	108	160	138	9	/91	19
	15-20	440/451	150	126	240/270	171/176	228	118	130	108	160	138	9	/91	27
	15-30	544/	195	171	259/	197/	238	128	130	108	160	138	9	/	34
	15-40	595/	336	216	270/	213/	230	120	221	190	170	140	12	/	41

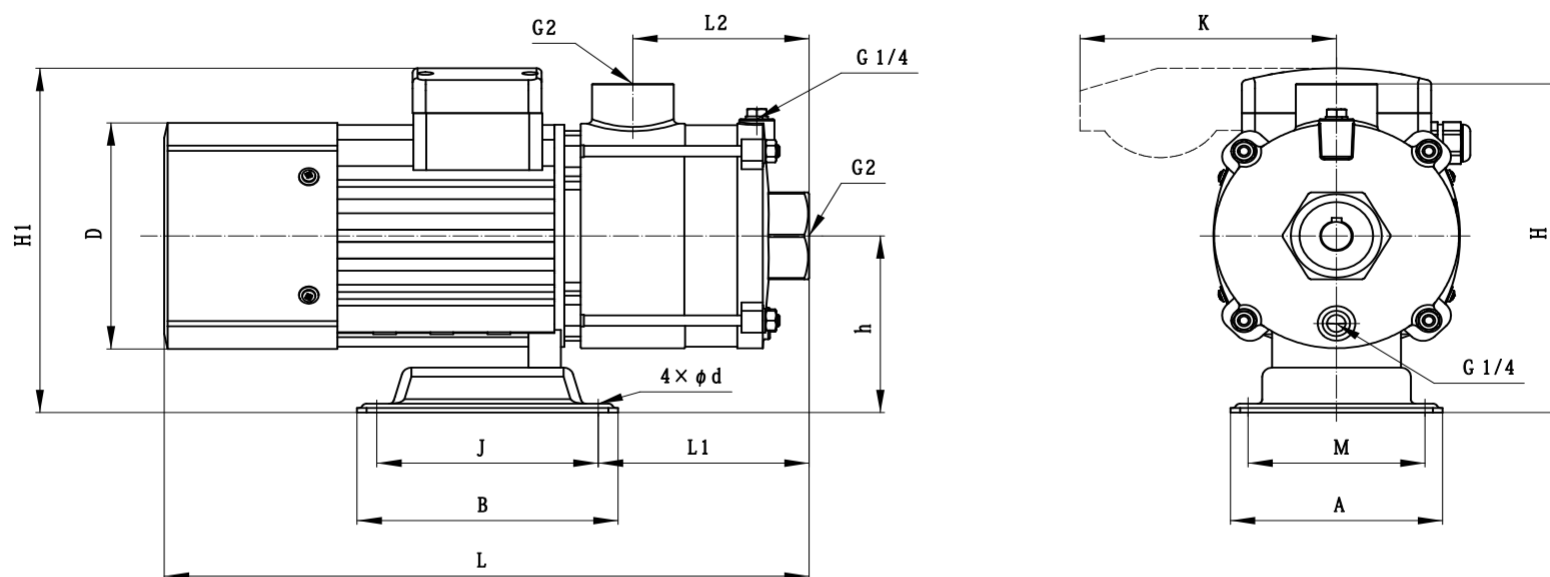
NHLF(T)20

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
20-10	1.1	H (m)	12.5	12.3	12	11.5	11	10.5	10	9.5	9	8
20-20	2.2		26	25	24.5	24	23.5	23	22	20	18	16
20-30	4		39.5	39	38	37	36	35	33	30.5	28	25
20-40	4.4		53	51	50	49	48	47	45	41.5	37	33

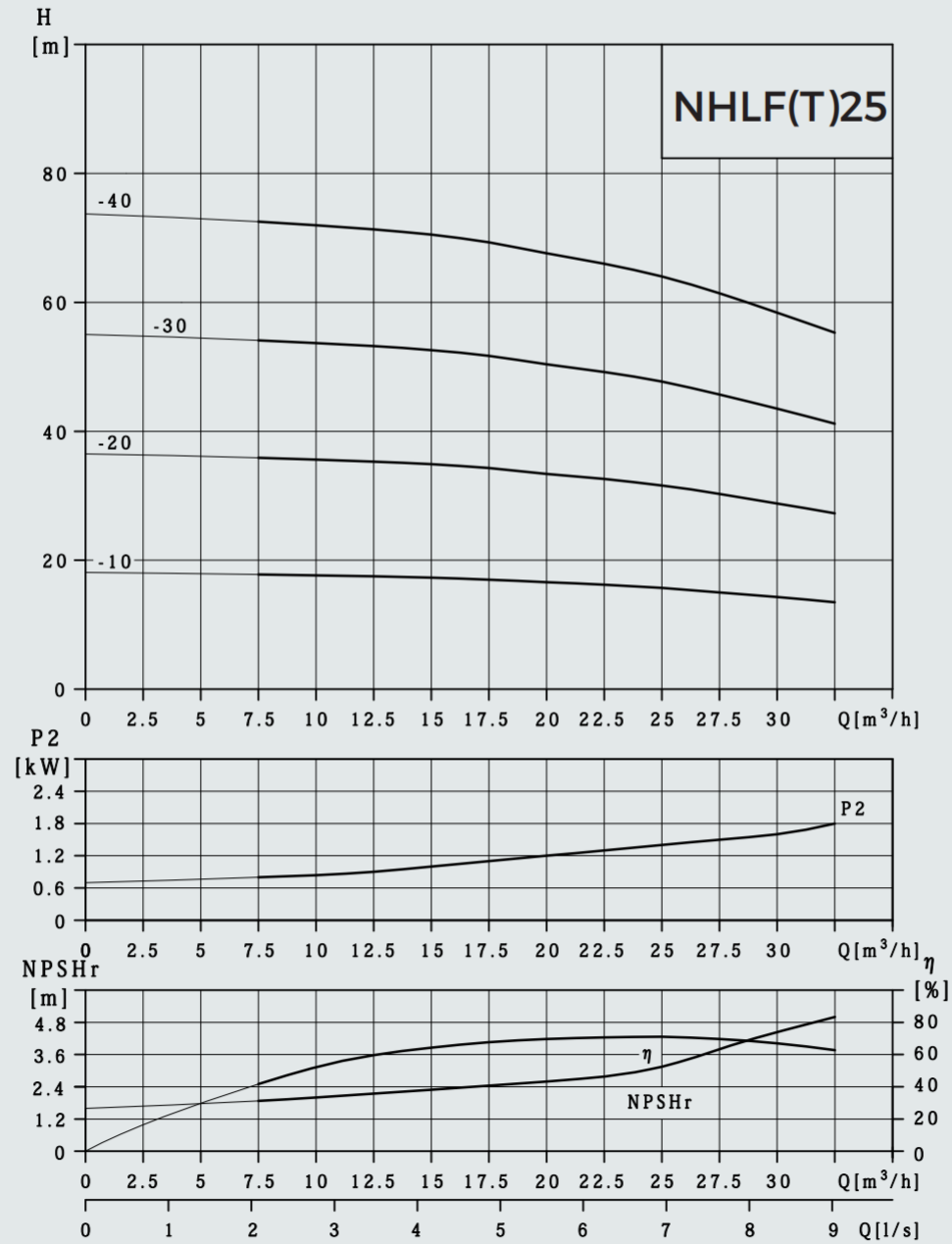
Dimensions and weight

Motor	Model	Dimensions (mm)													Weight (kg)
		L	L1	L2	H1	D	H	h	A	M	B	J	d	K	
Three phase/ Single phase	20-10	400/420	150	126	230/265	151/161	228	118	130	108	160	138	9	/91	20
	20-20	440/451	150	126	240/270	171/176	228	118	130	108	160	138	9	/91	26
	20-30	547/	291	171	270/	213/	230	120	221	190	170	140	12	/	40
	20-40	621/	336	216	270/	213/	230	120	221	190	170	140	12	/	42

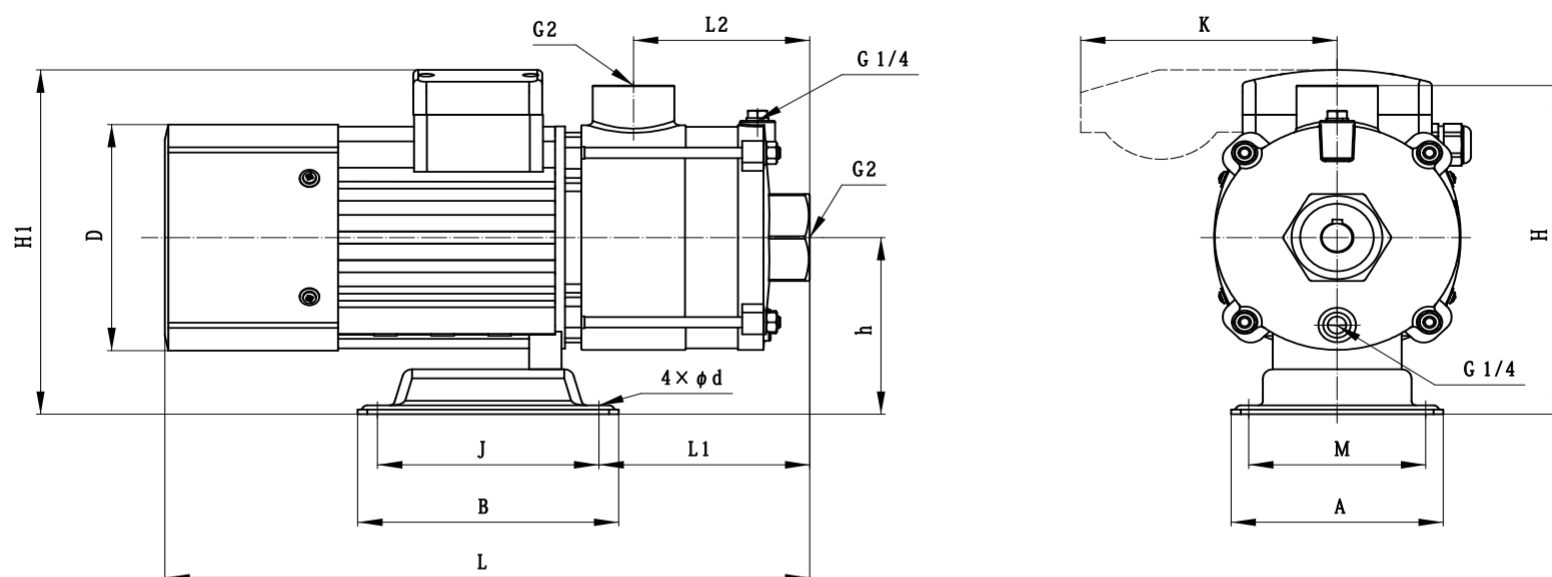
NHLF(T)25

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	7.5	12.5	15	17.5	20	22.5	25	27.5	30	32.5
25-10	2.2	H (m)	17.8	17.5	17.3	17	16.6	16.2	16	15	14.3	13.5
25-20	4		35.9	35.3	34.9	34.3	33.4	32.6	32	30.3	28.8	27.3
25-30	5.5		54.1	53.2	52.6	51.7	50.4	49.2	48	45.7	43.5	41.2
25-40	7.5		72.5	71.3	70.5	69.3	67.6	66	64	61.4	58.4	55.3

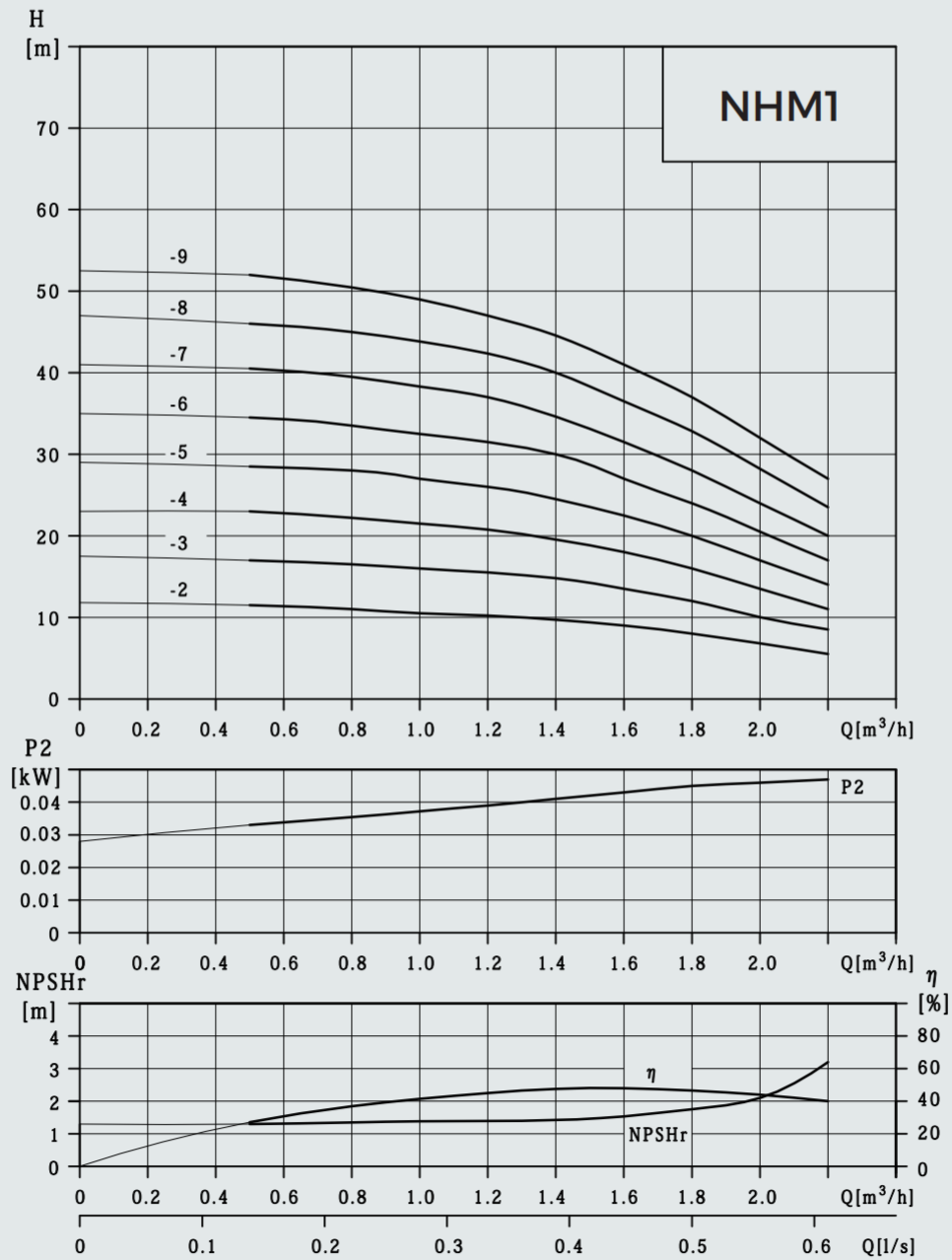
Dimensions and weight

Motor	Model	Dimensions (mm)													Weight (kg)
		L	L1	L2	H1	D	H	h	A	M	B	J	d	K	
Three phase/ Single phase	25-10	440/451	150	126	240/270	171/176	228	118	130	108	160	138	9	/91	25
	25-20	502/	246	126	270/	213/	230	120	221	190	170	140	12	/	39
	25-30	600/	310	171	305/	255/	242	132	260	216	190	140	12	/	56
	25-40	645/	355	216	305/	255/	242	132	260	216	190	140	12	/	65

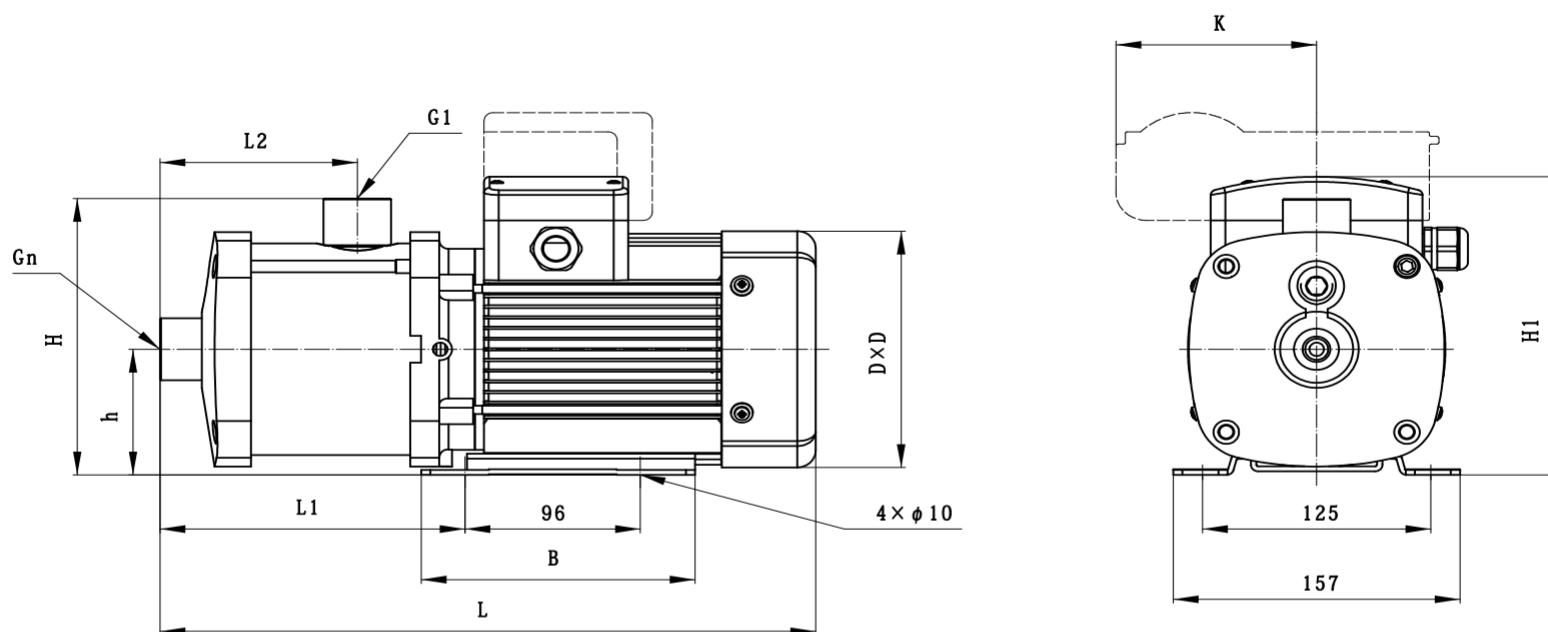
NHM1

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	0.5	0.8	1	1.2	1.4	1.6	1.8	2	2.2
1-2	0.37	H (m)	11.5	11	10.5	10.2	9.7	9	8	6.8	5.5
1-3	0.37		17	16.5	16	15.5	14.8	13.5	12	10	8.5
1-4	0.37		23	22.5	21.5	21	19.8	18	16	13.5	11
1-5	0.37		28.5	28	27	26	24.5	22.5	20	17	14
1-6	0.37		34.5	33.5	32.5	31.5	30	27	24	20.5	17
1-7	0.37		40.5	39.5	38	37	35	31.5	28	24	20
1-8	0.55		46	45	43.5	42	40	36.5	33	27.5	23.5
1-9	0.55		52	51	49	47	45	41	37	32	27

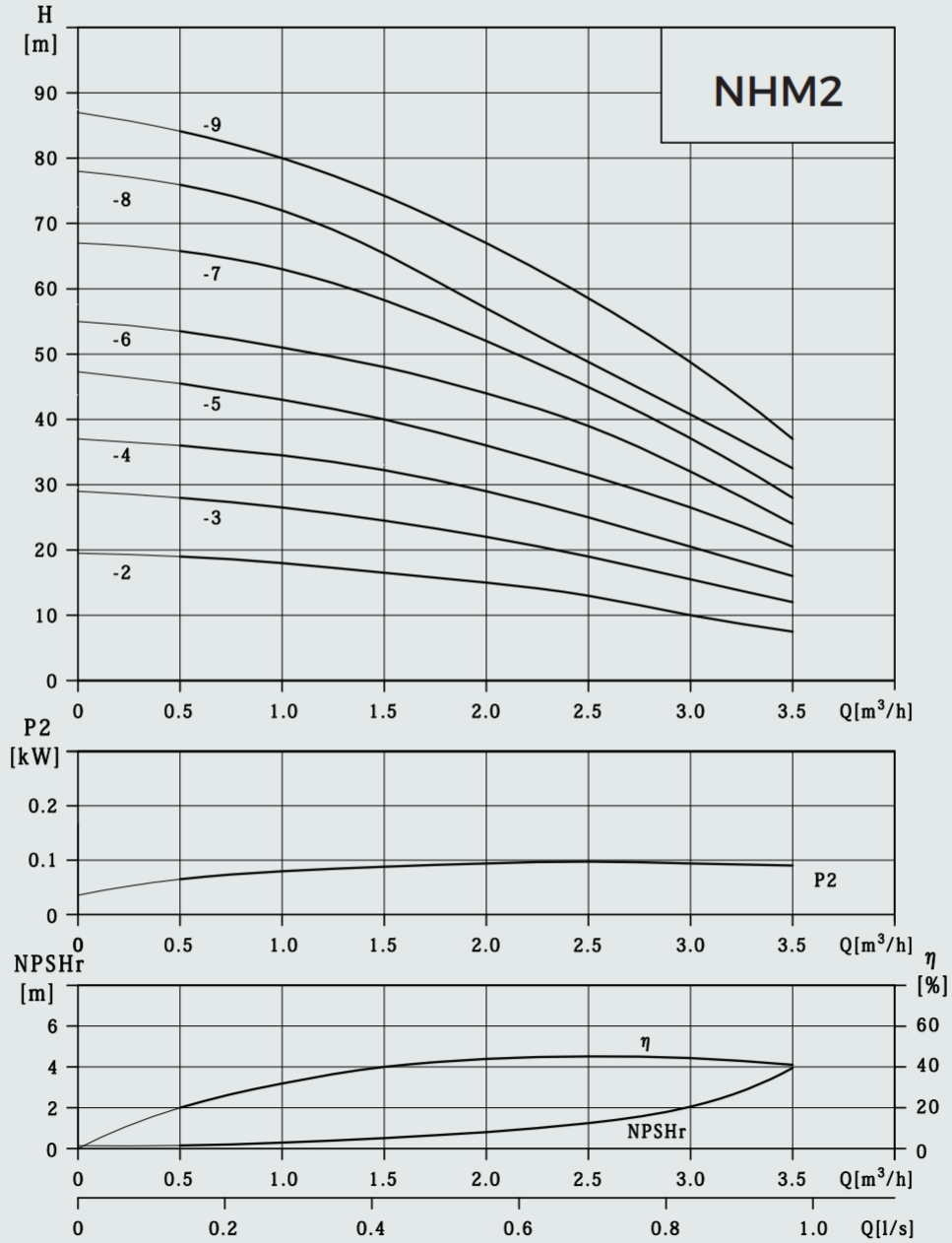
Dimensions and weight

Motor	Model	Dimensions (mm)										Weight (kg)
		L	L1	L2	B	n	h	H	D	H1	K	
Three phase/ Single phase	1-2	322	131	72	150	1	75	165	141	178/212	/62	12
	1-3	322	131	72	150	1	75	165	141	178/212	/62	13
	1-4	340	149	90	150	1	75	165	141	178/212	/62	14
	1-5	358	167	108	150	1	75	165	141	178/212	/62	15
	1-6	376	185	126	150	1	75	165	141	178/212	/62	16
	1-7	394	203	144	150	1	75	165	141	178/212	/62	17
	1-8	412	221	162	150	1	75	165	141	178/212	/62	18
	1-9	430	239	180	150	1	75	165	141	178/212	/62	19

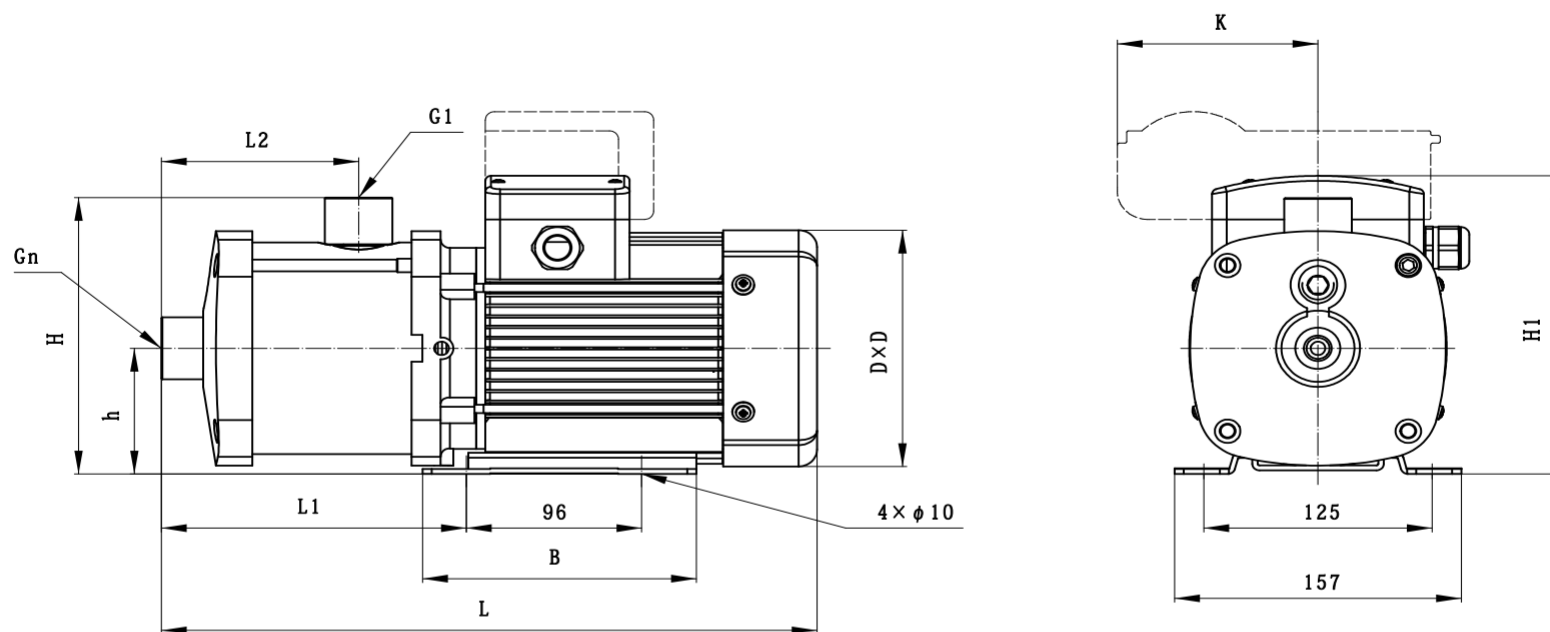
NHM2

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	0	0.5	1	1.5	2	2.5	3	3.5
2-2	0.37	H (m)	20	19	18	16.5	15	13	10	7.5
2-3	0.37		29	28	26.5	24.5	22	19	15.5	12
2-4	0.55		38	36	34.5	33	29	25	20.5	16
2-5	0.55		47	45.5	43	40	36	31.5	26.5	20.5
2-6	0.75		56	53.5	51	48	44	39	32	24
2-7	0.75		64	63.5	63	57	52	46	38	28
2-8	1.1		72	71.5	71	65	60	52	44	32
2-9	1.1		81	80.5	80	73	67	60	50	37

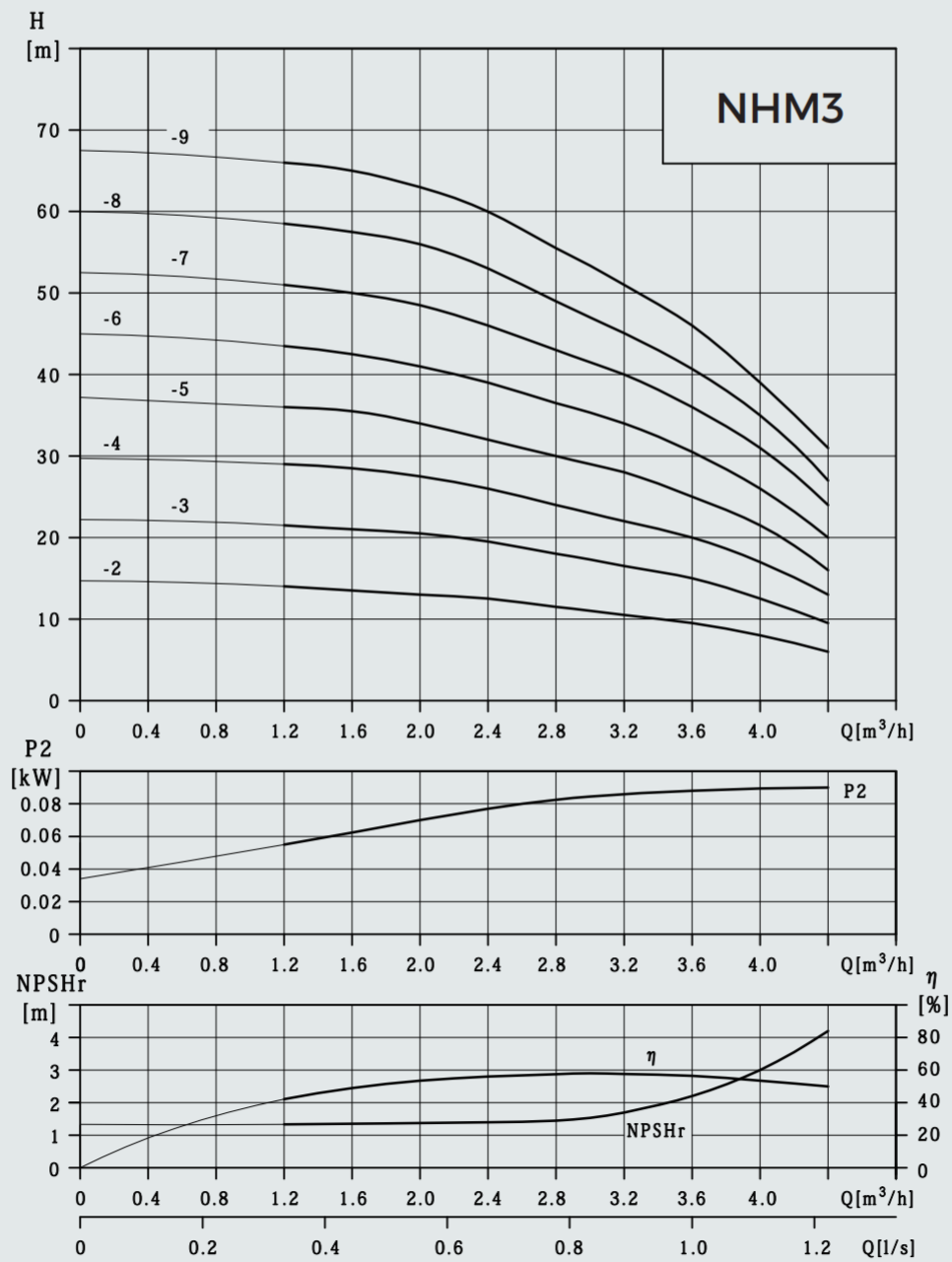
Dimensions and weight

Motor	Model	Dimensions (mm)										Weight (kg)
		L	L1	L2	B	n	h	H	D	H1	K	
Three phase/ Single phase	2-2	322	131	72	150	1	75	165	141	178/212	/62	12
	2-3	322	131	72	150	1	75	165	141	178/212	/62	13
	2-4	340	149	90	150	1	75	165	141	178/212	/62	14
	2-5	358	167	108	150	1	75	165	141	178/212	/62	15
	2-6	398	185	126	160	1	85	175	151/161	195/230	/91	17
	2-7	416	203	144	160	1	85	175	151/161	195/230	/91	18
	2-8	447/455	221	162	160	1	85	175	151/161	195/230	/91	19
	2-9	465/473	239	180	160	1	85	175	151/161	195/230	/91	20

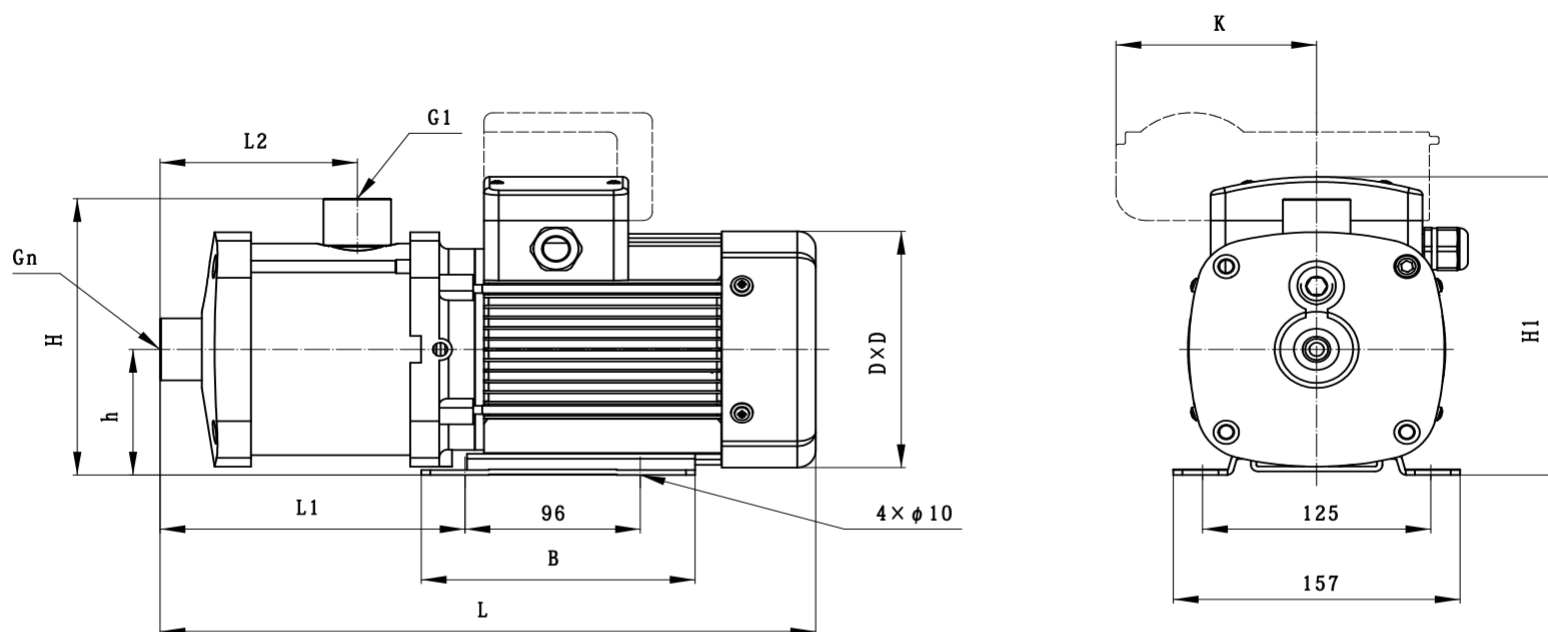
NHM3

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	1.2	1.6	2	2.4	2.8	3	3.2	3.6	4	4.4
3-2	0.37	H (m)	14	13.5	13	12.5	11.5	11	10.5	9.5	8	6
3-3	0.37		21.5	21	20.5	19.5	18	17	16.5	15	12.5	9.5
3-4	0.37		29	28.5	27.5	26	24	23	22	20.5	17	13
3-5	0.55		36	35.5	34	32	30	29	28	25.5	21.5	16
3-6	0.55		43.5	42.5	41	39	36.5	35	34	30.5	26	20
3-7	0.75		51	50	49	46	43	41	40	36	31	24
3-8	0.75		58.5	57.5	56	53	49	47	45.5	41	35	27
3-9	1.1		66	65	63	60	55	53	51.5	46	39	31

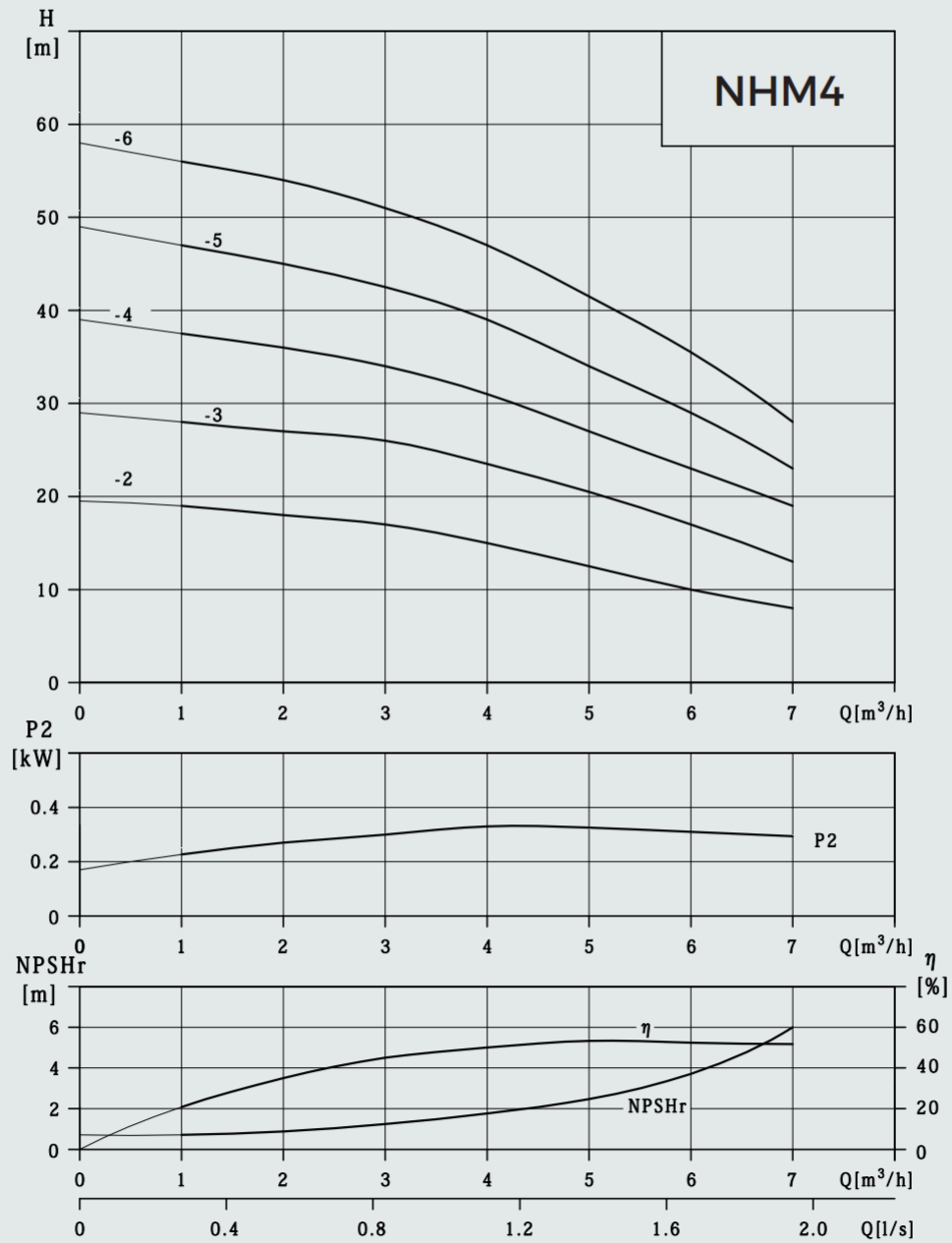
Dimensions and weight

Motor	Model	Dimensions (mm)										Weight (kg)
		L	L1	L2	B	n	h	H	D	H1	K	
Three phase/ Single phase	3-2	322	131	72	150	1	75	165	141	178/212	/62	12
	3-3	322	131	72	150	1	75	165	141	178/212	/62	13
	3-4	340	149	90	150	1	75	165	141	178/212	/62	14
	3-5	358	167	108	150	1	75	165	141	178/212	/62	15
	3-6	376	185	126	150	1	75	165	141	178/212	/62	16
	3-7	416	203	144	160	1	85	175	151/161	195/230	/91	17
	3-8	434	221	162	160	1	85	175	151/161	195/230	/91	19
	3-9	465/473	239	180	160	1	85	175	151/161	195/230	/91	20

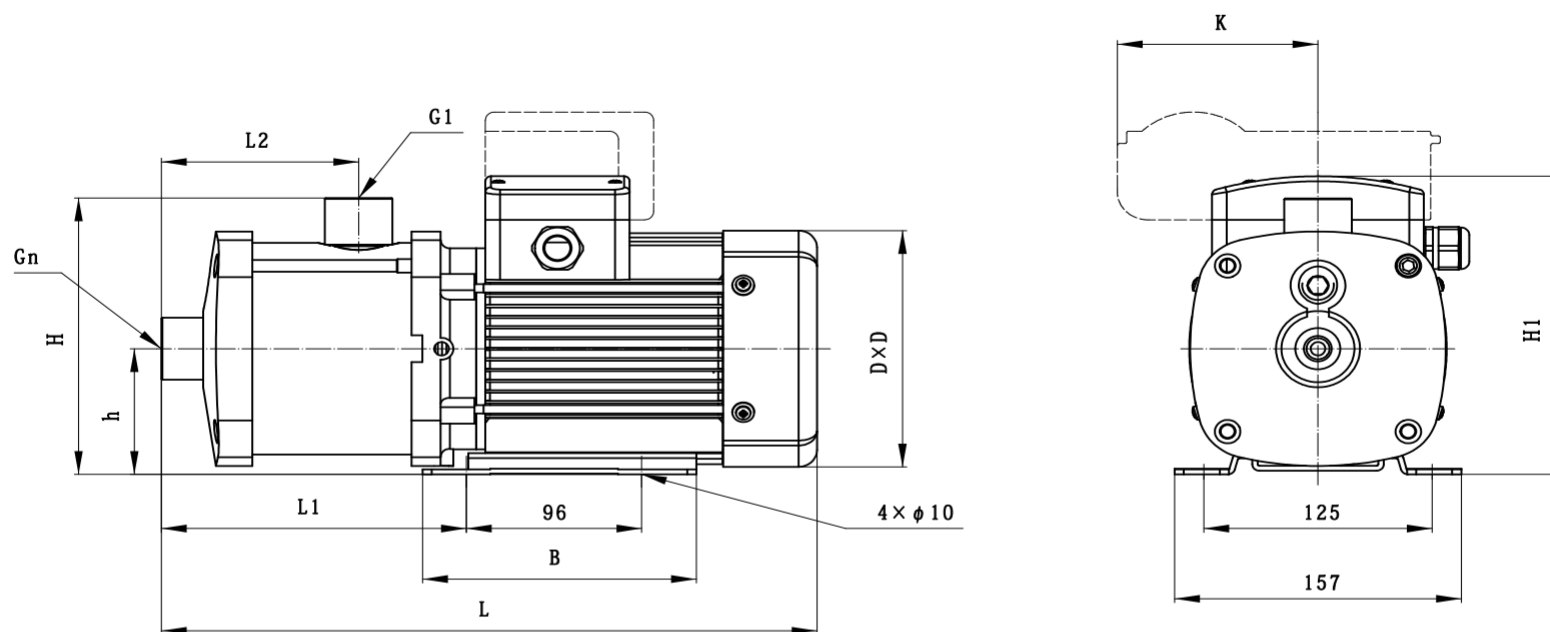
NHM4

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	1	2	3	4	5	6	7
4-2	0.37	H (m)	19	18	17	15	12.5	10	8
4-3	0.55		28	27	26	23.5	20.5	17	13
4-4	0.75		37.5	36	34	31	27	23	19
4-5	1.1		47	45	42.5	39	34	29	23
4-6	1.1		56	54	51	47	41.5	35.5	28

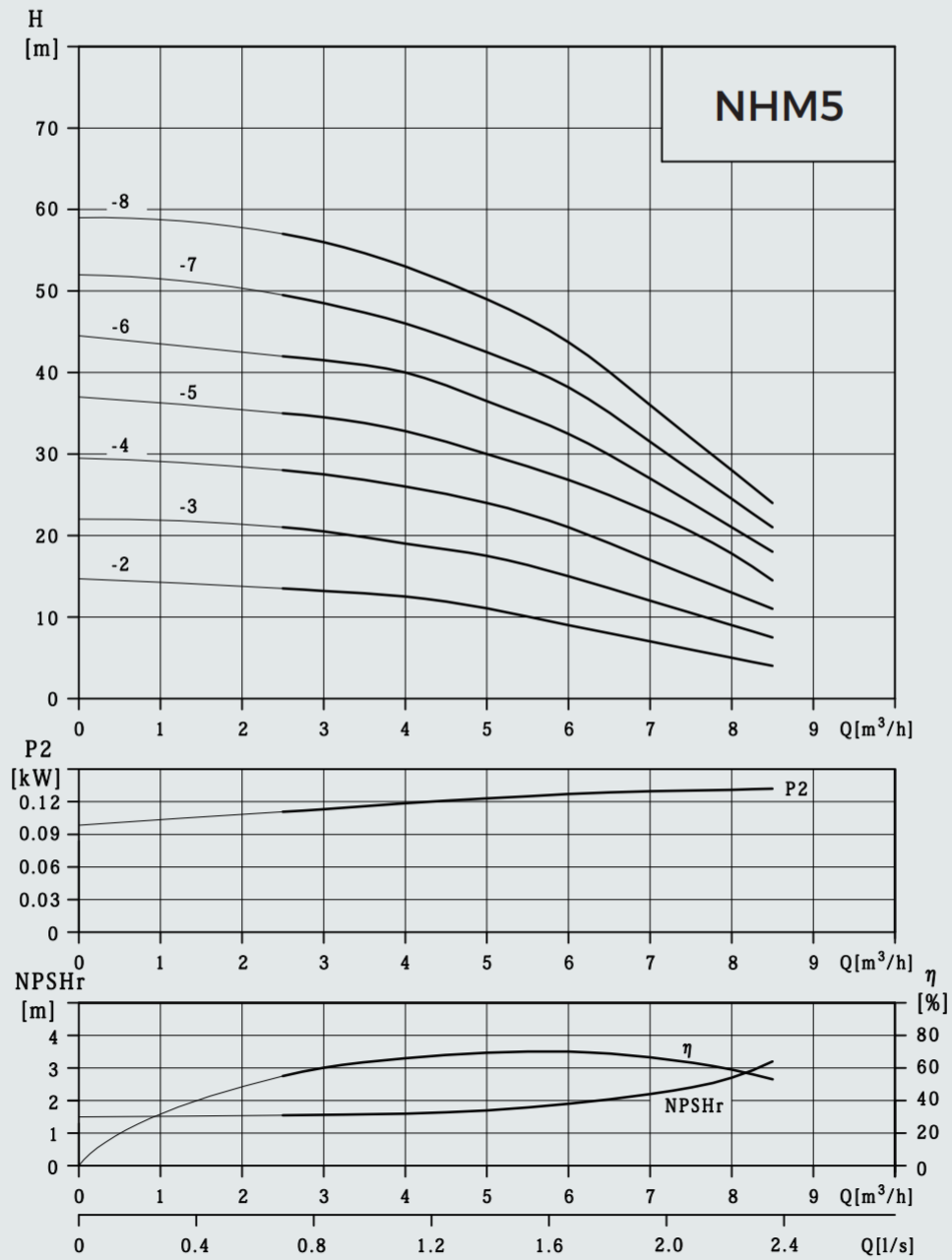
Dimensions and weight

Motor	Model	Dimensions (mm)										Weight (kg)
		L	L1	L2	B	n	h	H	D	H1	K	
Three phase/ Single phase	4-2	322	131	72	150	1¼	75	165	141	178/212	/62	13
	4-3	376	185	126	150	1¼	75	165	141	178/212	/62	14
	4-4	398	185	126	160	1¼	85	175	151/161	195/230	/91	16
	4-5	438/446	212	153	160	1¼	85	175	151/161	195/230	/91	17
	4-6	465/473	239	180	160	1¼	85	175	151/161	195/230	/91	18

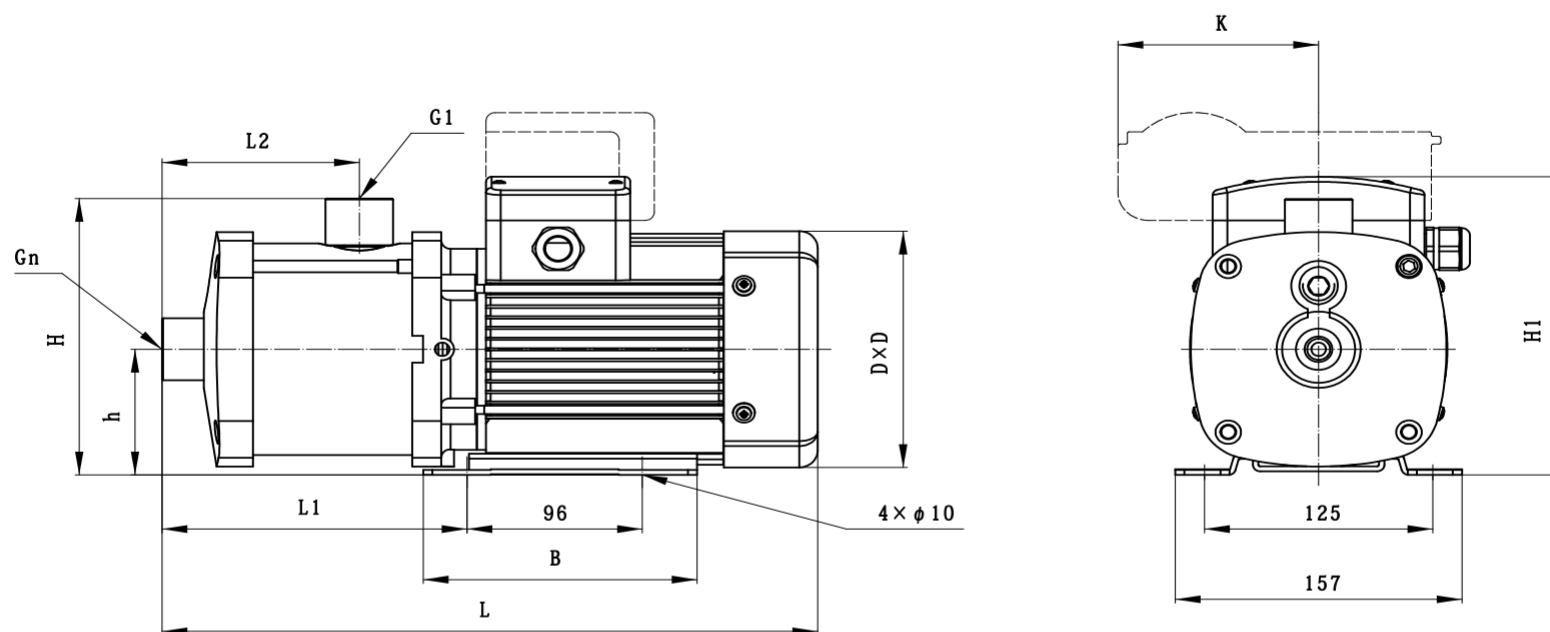
NHM5

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	2.5	3	4	5	6	7	8	8.5
5-2	0.37	H (m)	13.5	13.2	12.5	11.5	9	7	5	4
5-3	0.55		21	20.5	19	17.5	15	12	9	7.5
5-4	0.55		28	27.5	26	24	21	17	13	11
5-5	0.75		35	34.5	33	30	27	23	18	14.5
5-6	1.1		42	41.5	40	37	33	27	21	18
5-7	1.1		49.5	48.5	46	42.5	38.5	31.5	24.5	21
5-8	1.1		57	56	53	49	44	36	28	24

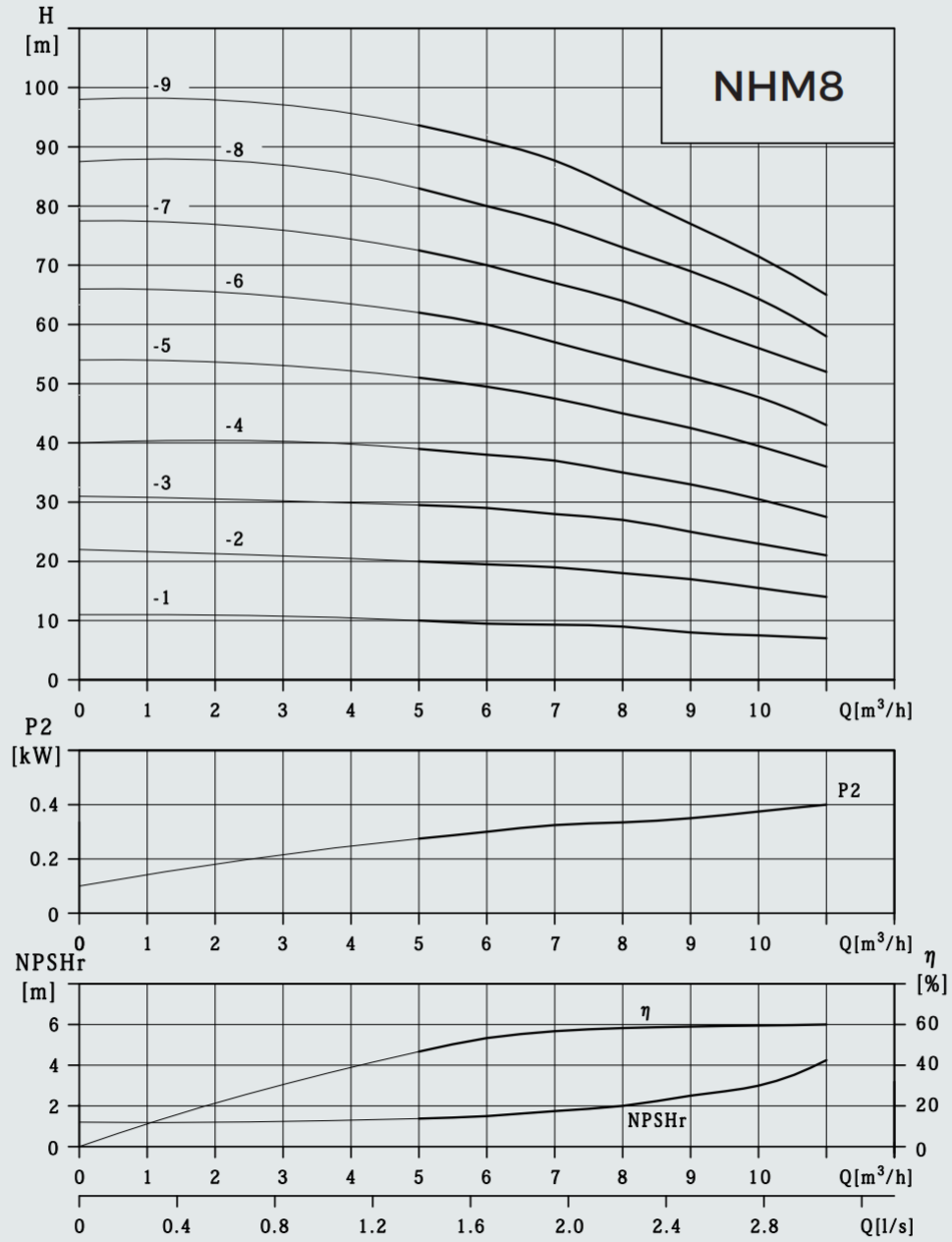
Dimensions and weight

Motor	Model	Dimensions (mm)										Weight (kg)
		L	L1	L2	B	n	h	H	D	H1	K	
Three phase/ Single phase	5-2	322	131	72	150	1¼	75	165	141	178/212	/62	13
	5-3	376	185	126	150	1¼	75	165	141	178/212	/62	14
	5-4	376	185	126	150	1¼	75	165	141	178/212	/62	16
	5-5	425	212	153	160	1¼	85	175	151/161	195/230	/91	17
	5-6	465/473	239	180	160	1¼	85	175	151/161	195/230	/91	18
	5-7	492/500	266	207	160	1¼	85	175	151/161	195/230	/91	19
	5-8	519/527	293	234	160	1¼	85	175	151/161	195/230	/91	20

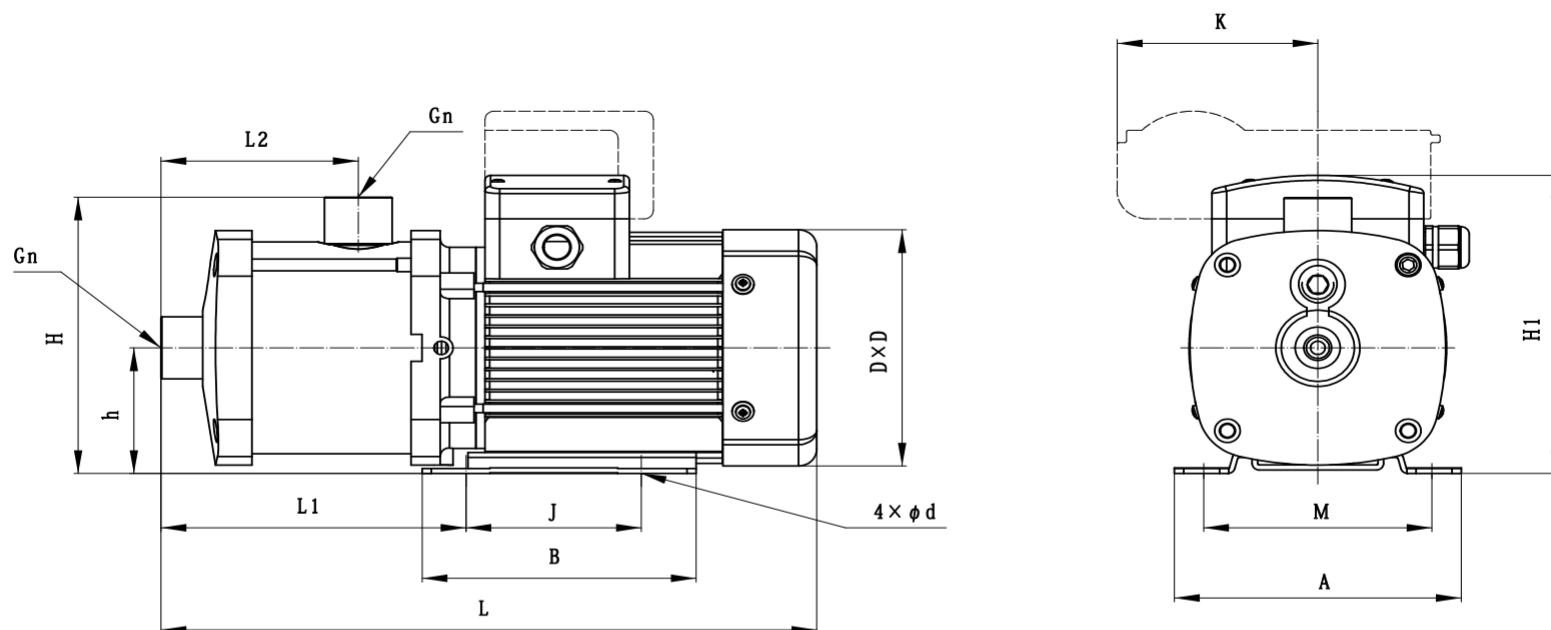
NHM8

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	5	6	7	8	9	10	11
8-1	0.75	H (m)	10	9.5	9.3	9	8	7.5	7
8-2	0.75		20	19.5	19	18	17	15.5	14
8-3	1.1		29.5	29	28	27	25	23	21
8-4	1.5		39	38	37	35	33	30.5	27.5
8-5	2.2		51	49.5	47.5	45	42.5	39.5	36
8-6	2.2		62	60	57	54	51	48	43
8-7	3		72	70	67	63	60	56	50
8-8	3		83	80	77	73	69	65	58
8-9	4		93	90	87	82	77	73	65

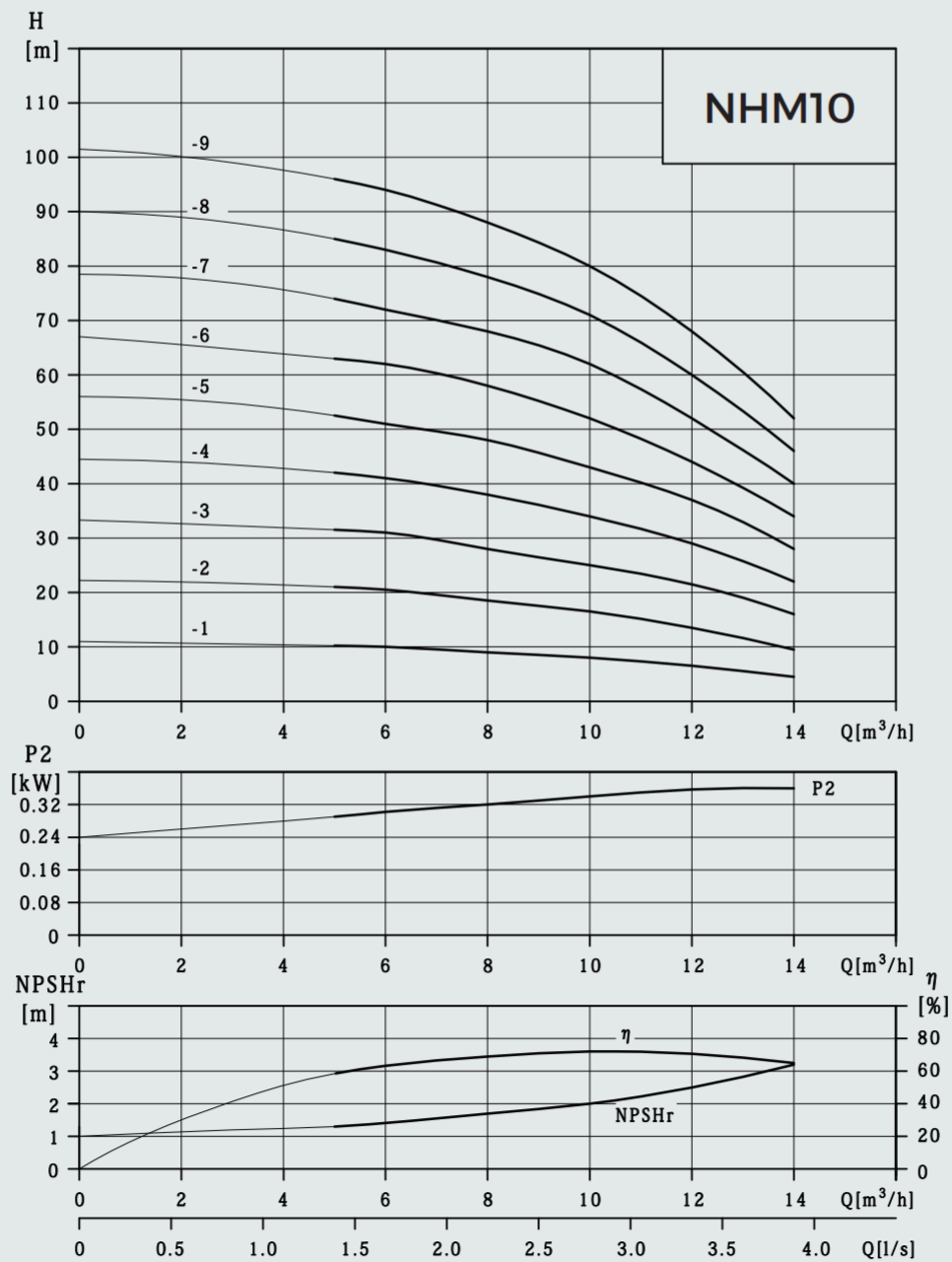
Dimensions and weight

Motor	Model	Dimensions (mm)													Weight (kg)	
		L	L1	L2	B	J	n	h	H	d	D	H1	K	A		M
Three phase/ Single phase	8-1	366/368	172/190	78	140	96	1½	218	10	151/161	210/246	/91	158	125	14	14
	8-2	366/368	172/190	78	140	96	1½	218	10	151/161	210/246	/91	158	125	15	15
	8-3	411/418	202/222	108	140	96	1½	218	10	151/161	210/246	/91	158	125	17	17
	8-4	467/479	249/269	138	200	140	1½	218	10	171/175	220/256	/91	200	160	21	21
	8-5	497/509	279/299	168	200	140	1½	218	10	171/175	220/256	/91	200	160	24	24
	8-6	527/539	309/329	198	200	140	1½	218	10	171/175	220/256	/91	200	160	25	25
	8-7	608/	338/	228	180	140	1½	218	10	196/	232/	/	200	160	35	35
	8-8	638/	368/	258	180	140	1½	218	10	196/	232/	/	200	160	35	35
	8-9	678/	417/	288	180	140	1½	230	10	214/	262/	/	230	190	40.5	40.5

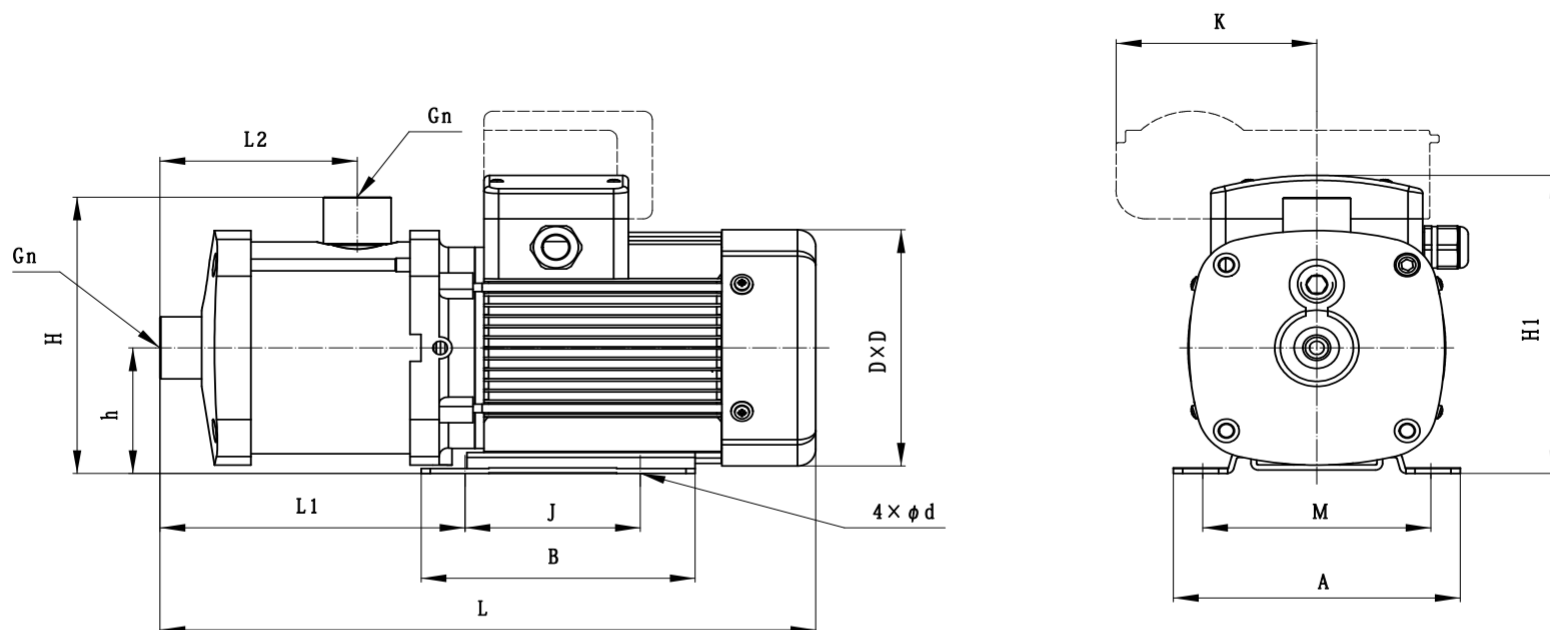
NHM10

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	5	6	8	10	12	14
10-1	0.75	H (m)	10.2	10	9	8	6.5	4.5
10-2	0.75		21	20.5	18.5	16.5	13.5	9.5
10-3	1.1		31.5	31	28	25.5	21.5	16
10-4	1.5		42	41	38	34	29	22
10-5	2.2		52.5	51	48	43	37	28
10-6	2.2		63	62	58	52	44	34
10-7	3		74	72	68	62	52	40
10-8	3		85	83	78	71	60	46
10-9	4		96	94	88	80	68	52

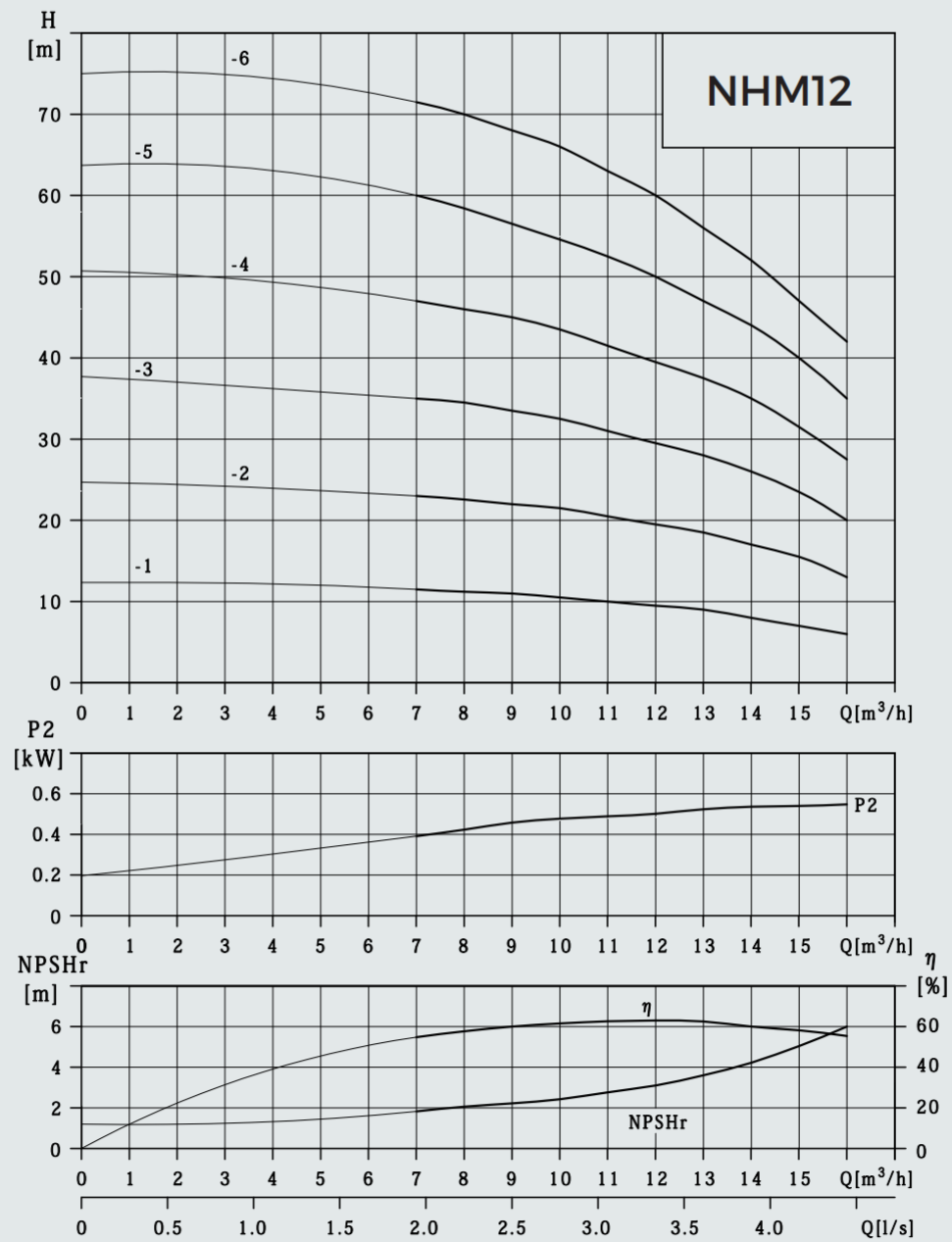
Dimensions and weight

Motor	Model	Dimensions (mm)											Weight (kg)			
		L	L1	L2	B	J	n	h	H	d	D	H1		K	A	M
Three phase/ Single phase	10-1	366/368	172/190	78	140	96	1½	100	218	10	151/161	210/246	/91	158	125	14
	10-2	366/368	172/190	78	140	96	1½	100	218	10	151/161	210/246	/91	158	125	15
	10-3	411/418	202/222	108	140	96	1½	100	218	10	151/161	210/246	/91	158	125	17
	10-4	467/479	249/269	138	200	140	1½	100	218	10	171/175	220/256	/91	200	160	21
	10-5	497/509	279/299	168	200	140	1½	100	218	10	171/175	220/256	/91	200	160	24
	10-6	527/539	309/329	198	200	140	1½	100	218	10	171/175	220/256	/91	200	160	25
	10-7	608/	338/	228	180	140	1½	100	218	10	196/	232/	/	200	160	35
	10-8	638/	368/	258	180	140	1½	100	218	10	196/	232/	/	200	160	35
	10-9	679/	417/	288	180	140	1½	112	230	12	214/	262/	/	230	190	40.5

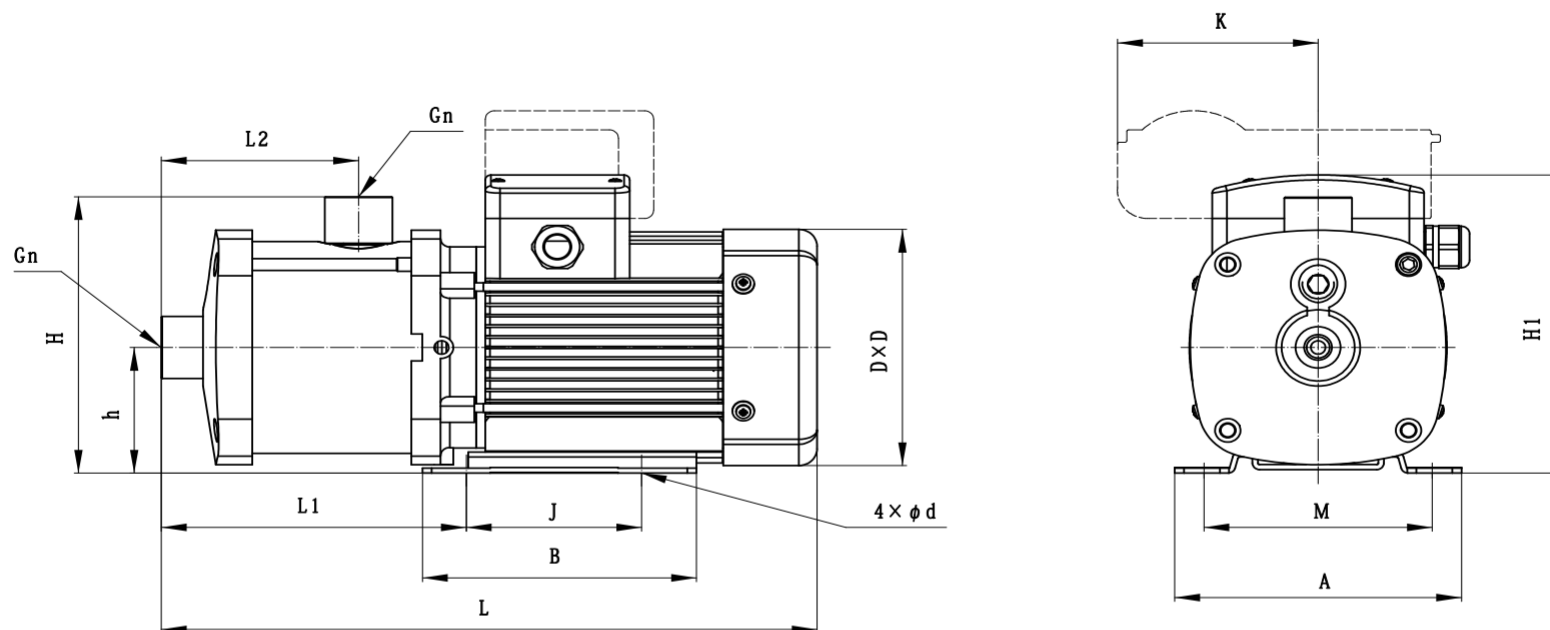
NHM12

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
12-1	0.75	H (m)	11.5	11.2	11	10.5	10	9.5	9	8	7	6
12-2	1.2		23	22.5	22	21.5	20.5	19.5	18.5	17	15.5	13
12-3	1.8		35	34.5	33.5	32.5	31	29.5	28	26	23.5	20
12-4	2.4		47	46	45	43.5	41.5	39.5	37.5	35	31.5	27.5
12-5	3		60	58	56.5	55	52.5	50	47	44	40	35
12-6	4		71.5	70	68	66	63	60	56	52	47	42

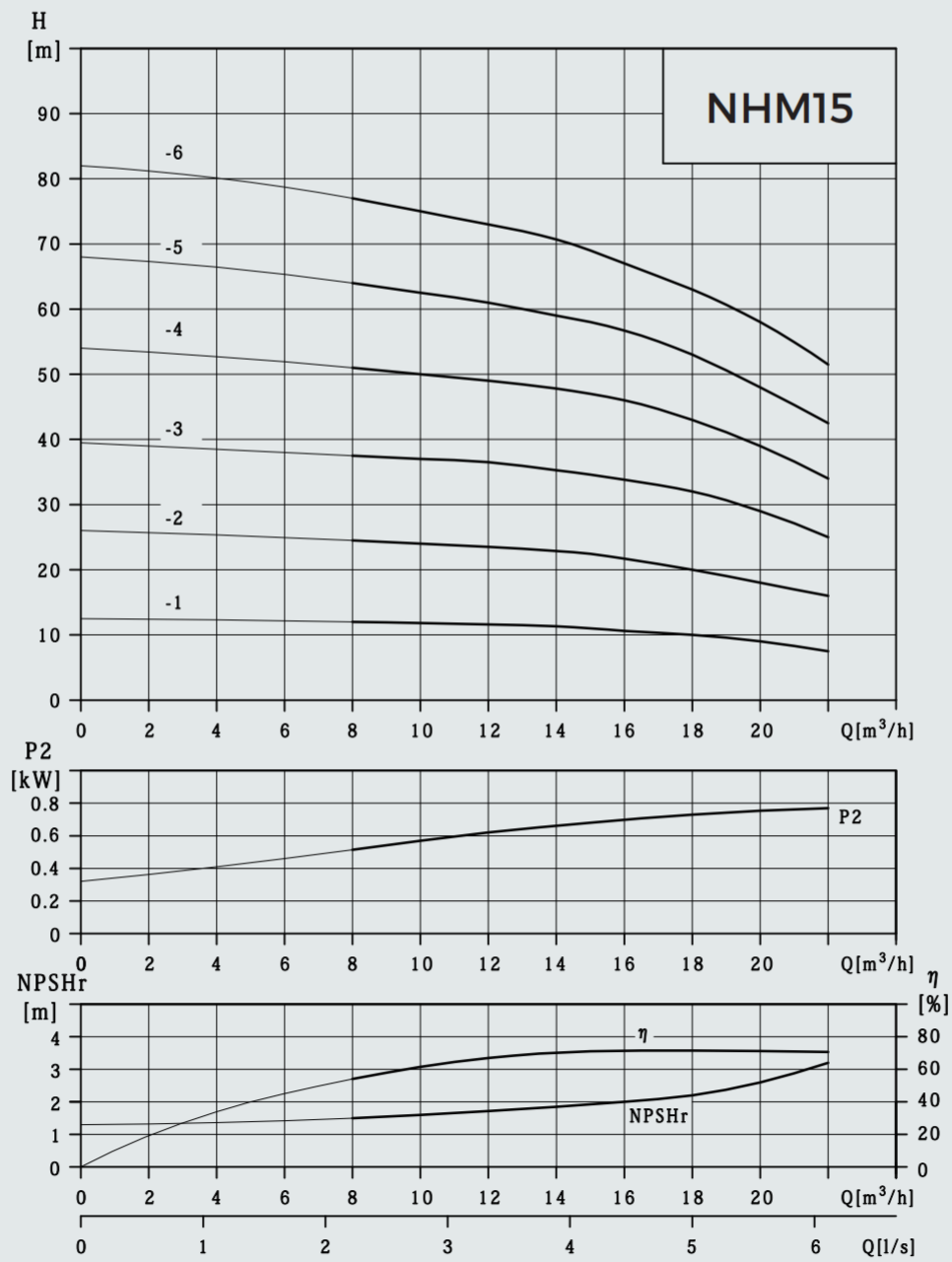
Dimensions and weight

Motor	Model	Dimensions (mm)													Weight (kg)	
		L	L1	L2	B	J	n	h	H	d	D	H1	K	A		M
Three phase/ Single phase	12-1	366/368	172/190	78	140	96	1½	100	218	10	151/161	210/246	/91	158	125	14
	12-2	381/368	172/190	78	140	96	1½	100	218	10	151/161	210/246	/91	158	125	16
	12-3	437/449	219/239	108	200	140	1½	100	218	10	171/175	220/256	/91	200	160	22
	12-4	467/479	249/269	138	200	140	1½	100	218	10	171/175	220/256	/91	200	160	21
	12-5	548/	277	168	180	140	1½	100	218	10	196	232	/	200	160	31
	12-6	589/	327/	198	180	140	1½	112	230	10	214/	262/	/	230	190	35

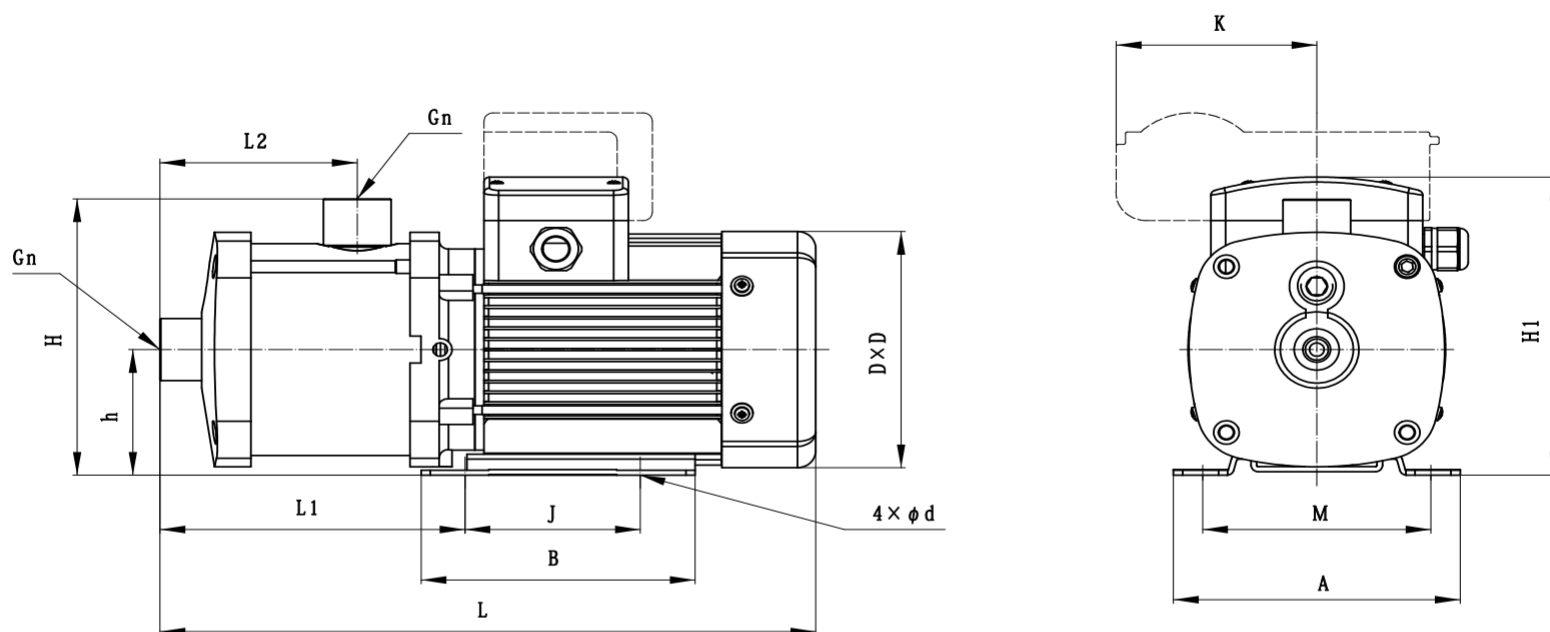
NHM15

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	8	10	12	14	15	16	18	20	22
15-1	1.1	H (m)	12	11.8	11.6	11.4	11	10.5	10	9	7.5
15-2	2.2		24.5	24	23.5	23	22.5	21.5	20	18	16
15-3	3		37.5	37	36.5	35.5	34.5	34	32	29	25
15-4	4		51	50	49	47.5	47	46	43	39	34
15-5	4		64	62	61	59	58	57	53	48	42.5
15-6	4.8		77	75	73	71	69	67	63	58	51.5

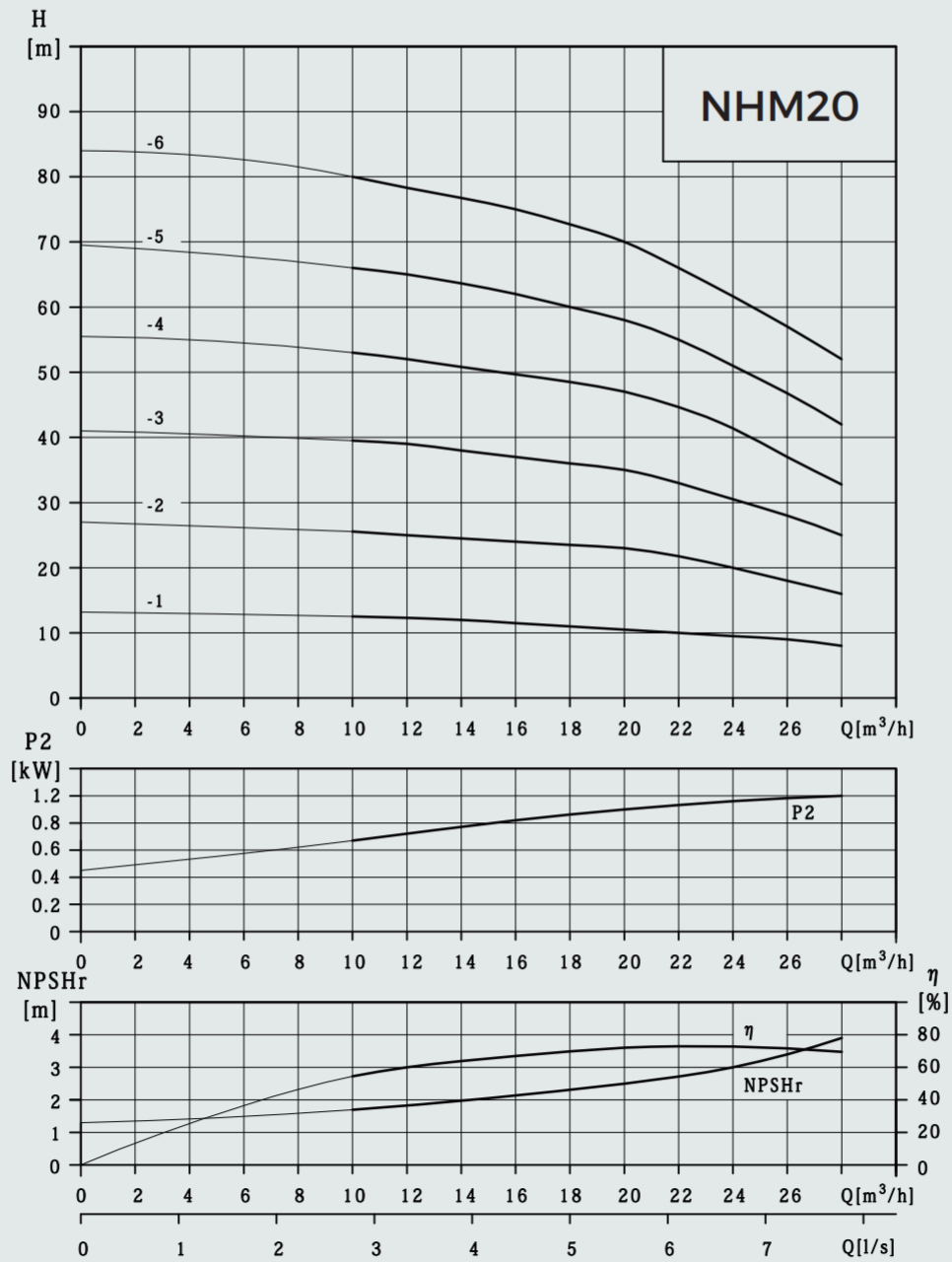
Dimensions and weight

Motor	Model	Dimensions (mm)														Weight (kg)
		L	L1	L2	B	J	n	h	H	d	D	H1	K	A	M	
Three phase/ Single phase	15-1	394/401	187/207	93	140	96	2	100	218	10	151/161	210/246	/91	158	125	16
	15-2	420/432	203/200	93	200	140	2	100	218	10	171/175	220/256	/91	200	160	22
	15-3	516/	247/	138	180	140	2	100	218	10	196/	232/	/	200	160	29
	15-4	572/	311/	183	180	140	2	112	230	12	214/	262/	/	230	190	37
	15-5	617/	356/	228	180	140	2	112	230	12	214/	262/	/	230	190	41
	15-6	691/	401/	273	180	140	2	112	230	12	214/	262/	/	230	190	45

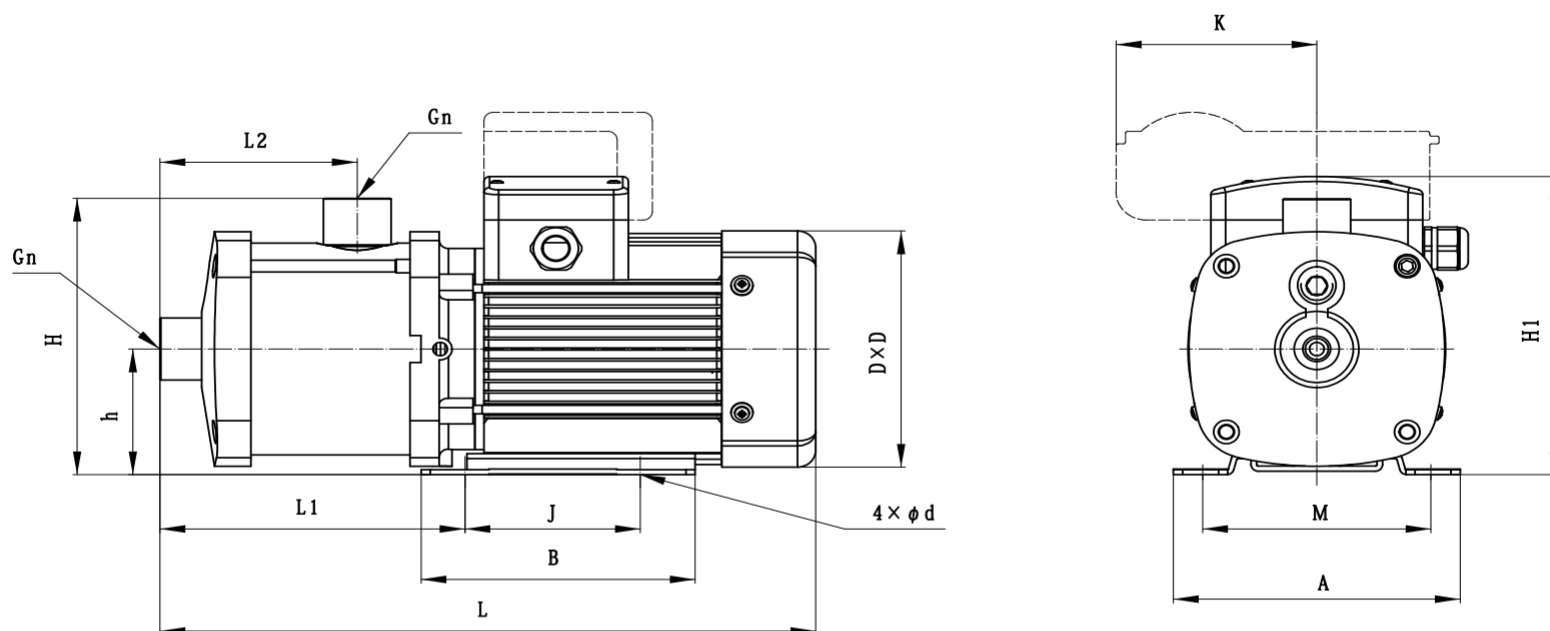
NHM20

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
20-1	1.1	H (m)	12.5	12.3	12	11.5	11	10.5	10	9.5	9	8
20-2	2.2		26	25	24.5	24	23.5	23	22	20	18	16
20-3	4		39.5	39	38	37	36	35	33	30.5	28	25
20-4	4.8		53	51	50	49	48	47	45	41.5	37	33
20-5	5.5		66	65	64	62	60	58	55	51	47	42
20-6	7.5		80	78	77	75	73	70	66	62	57	52

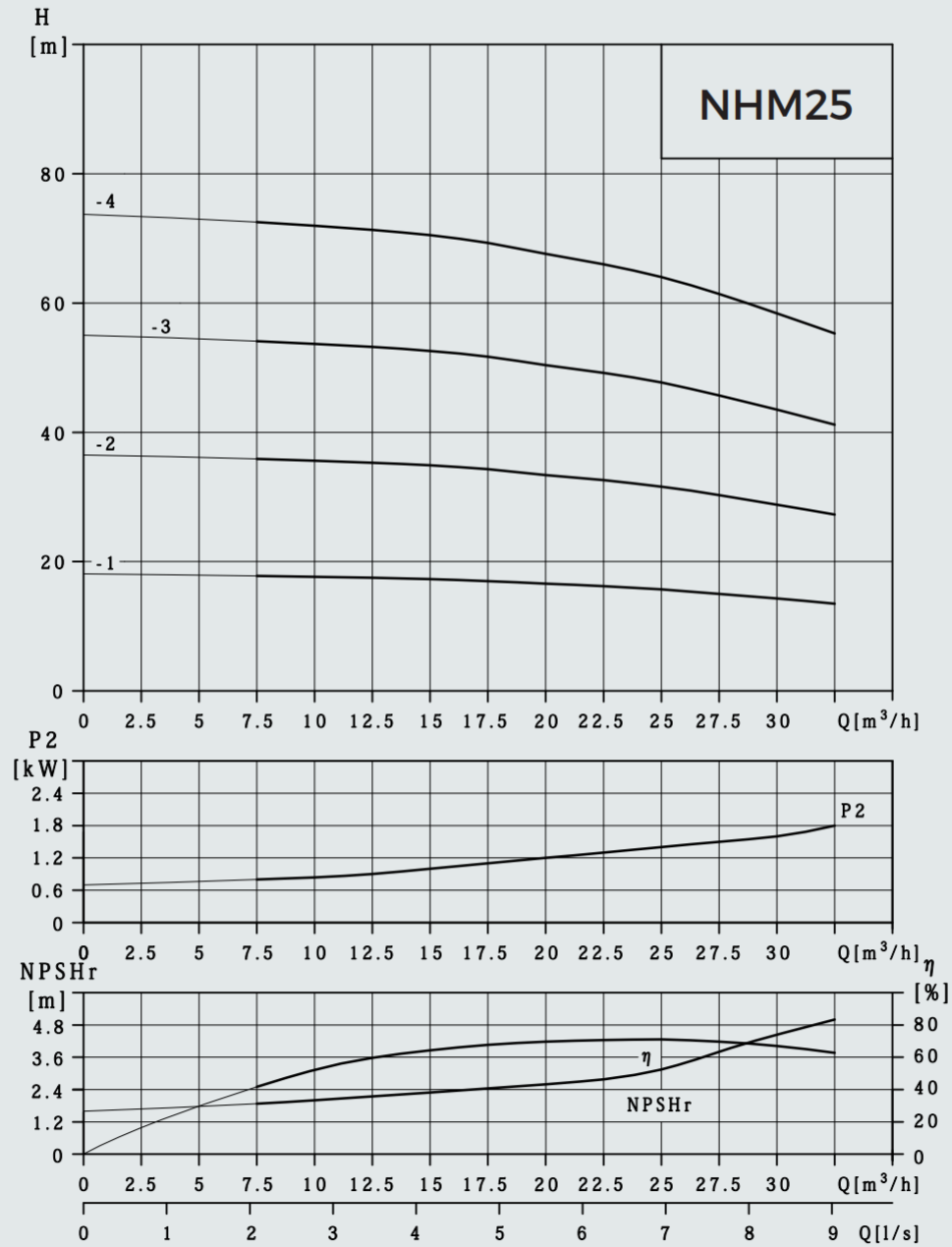
Dimensions and weight

Motor	Model	Dimensions (mm)														Weight (kg)
		L	L1	L2	B	J	n	h	H	d	D	H1	K	A	M	
Three phase/ Single phase	20-1	394/401	187/207	93	140	96	2	100	218	10	151/161	210/246	/91	158	125	16
	20-2	420/432	203/200	93	200	140	2	100	218	10	171/175	220/256	/91	200	160	22
	20-3	527/	266/	138	180	140	2	112	230	12	214/	262/	/	230	190	39
	20-4	601/	311/	183	180	140	2	112	230	12	214/	262/	/	230	190	43
	20-5	663/	370/	228	184	140	2	132	250	12	257/	300/	/	248	216	58
	20-6	708/	415/	273	184	140	2	132	250	12	257/	300/	/	248	216	66

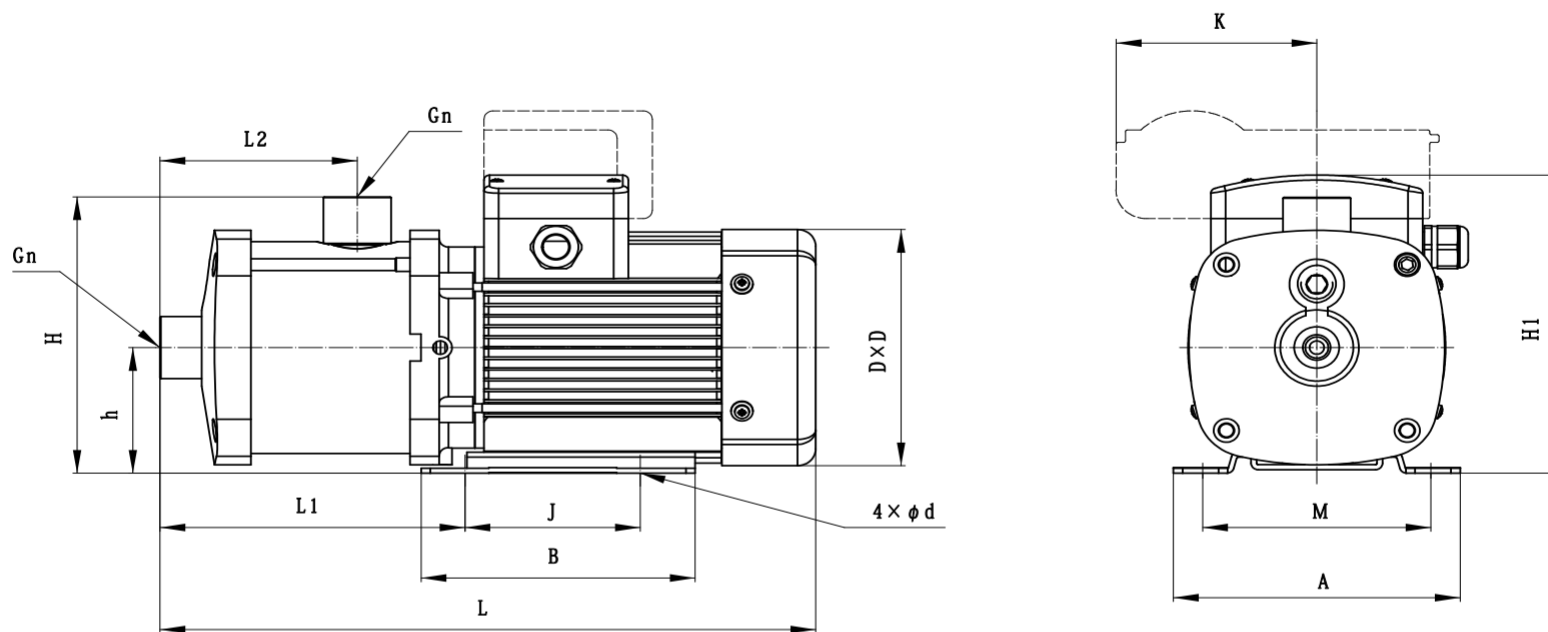
NHM25

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	7.5	12.5	15	17.5	20	22.5	25	27.5	30	32.5
25-1	2.2	H (m)	17.8	17.5	17.3	17	16.6	16.2	16	15	14.3	13.5
25-2	4		35.9	35.3	34.9	34.3	33.4	32.6	32	30.3	28.8	27.3
25-3	5.5		54.1	53.2	52.6	51.7	50.4	49.2	48	45.7	43.5	41.2
25-4	7.5		72.5	71.3	70.5	69.3	67.6	66	64	61.4	58.4	55.3

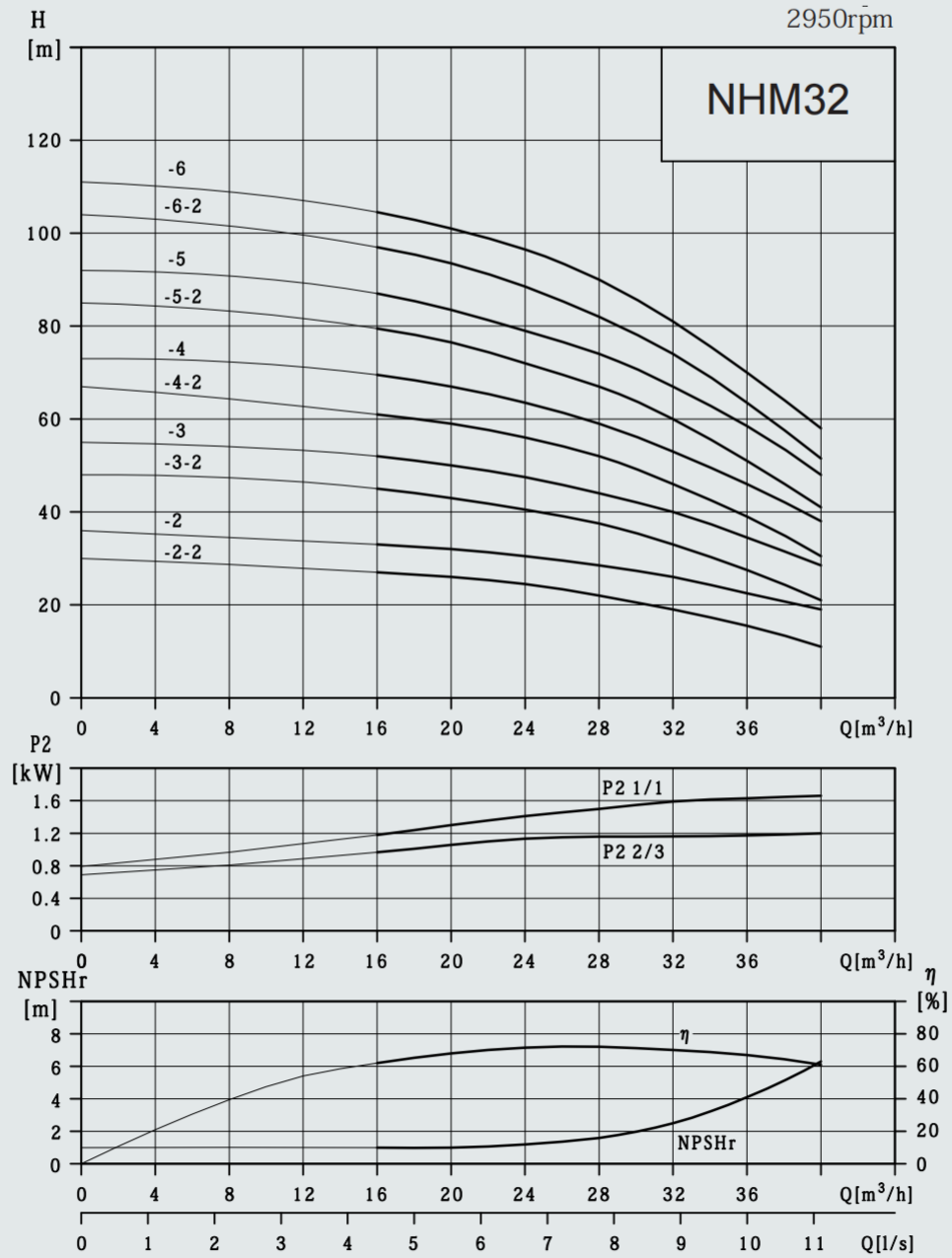
Dimensions and weight

Motor	Model	Dimensions (mm)														Weight (kg)
		L	L1	L2	B	J	n	h	H	d	D	H1	K	A	M	
Three phase/ Single phase	25-1	420/432	203/200	93	200	140	2	100	218	10	171/175	220/256	91	200	160	21
	25-2	482/	221/	93	180	140	2	112	230	12	214/	262/	/	230	190	38
	25-3	573/	280/	138	184	140	2	132	250	12	257/	300/	/	248	216	56
	25-4	618/	325/	183	184	140	2	132	250	12	257/	300/	/	248	216	64

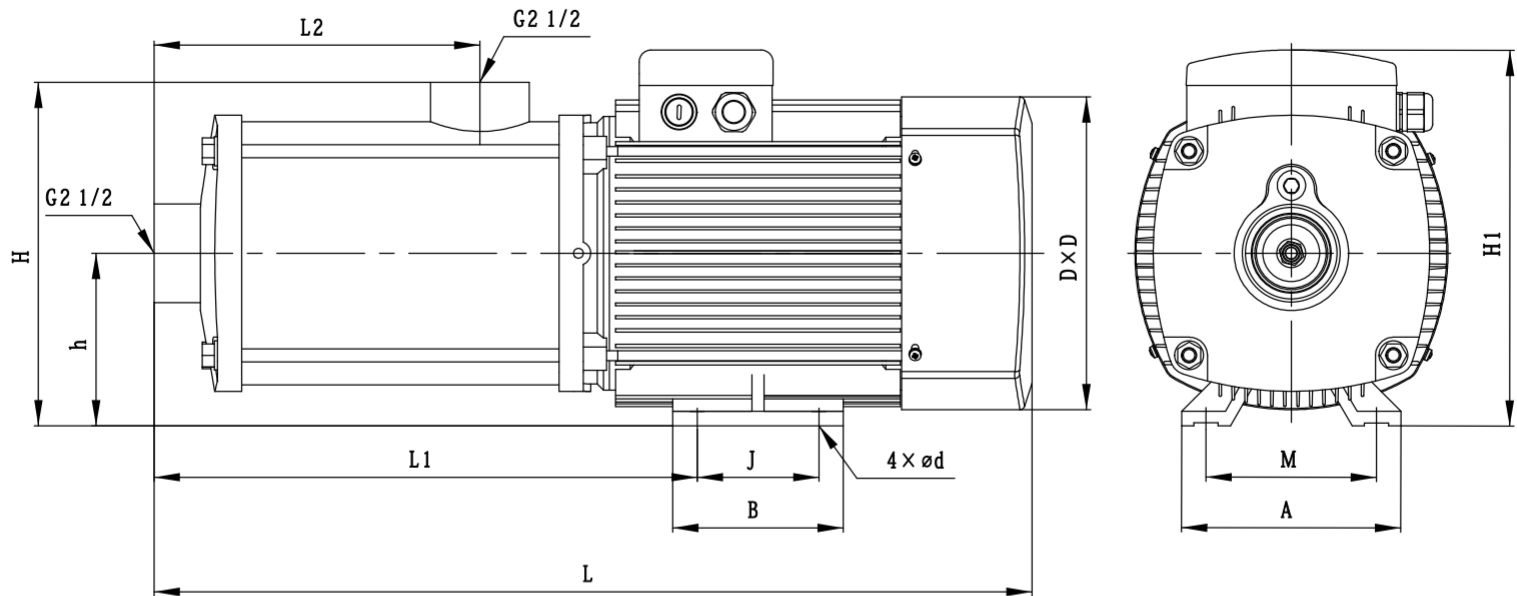
NHM32

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	16	20	24	28	32	36	40
32-2-2	3	H (m)	27	26	24.5	22	19	15.5	11
32-2	4		33	32	30.5	28.5	26	22.5	19
32-3-2	5.5		45	43	40.5	37.5	33	27.5	21
32-3	5.5		52	50	47.5	44	40	34.5	28.5
32-4-2	7.5		61	59	56	52	46	39	30.5
32-4	7.5		69.5	67	63.5	59	53	46	38
32-5-2	11		79.5	76.5	72	67	60	51	41
32-5	11		87	83.5	79	74	67	58.5	48
32-6-2	11		97	93.5	88.5	82	74	63.5	51.5
32-6	11		104.5	101	96.5	90	81	70	58

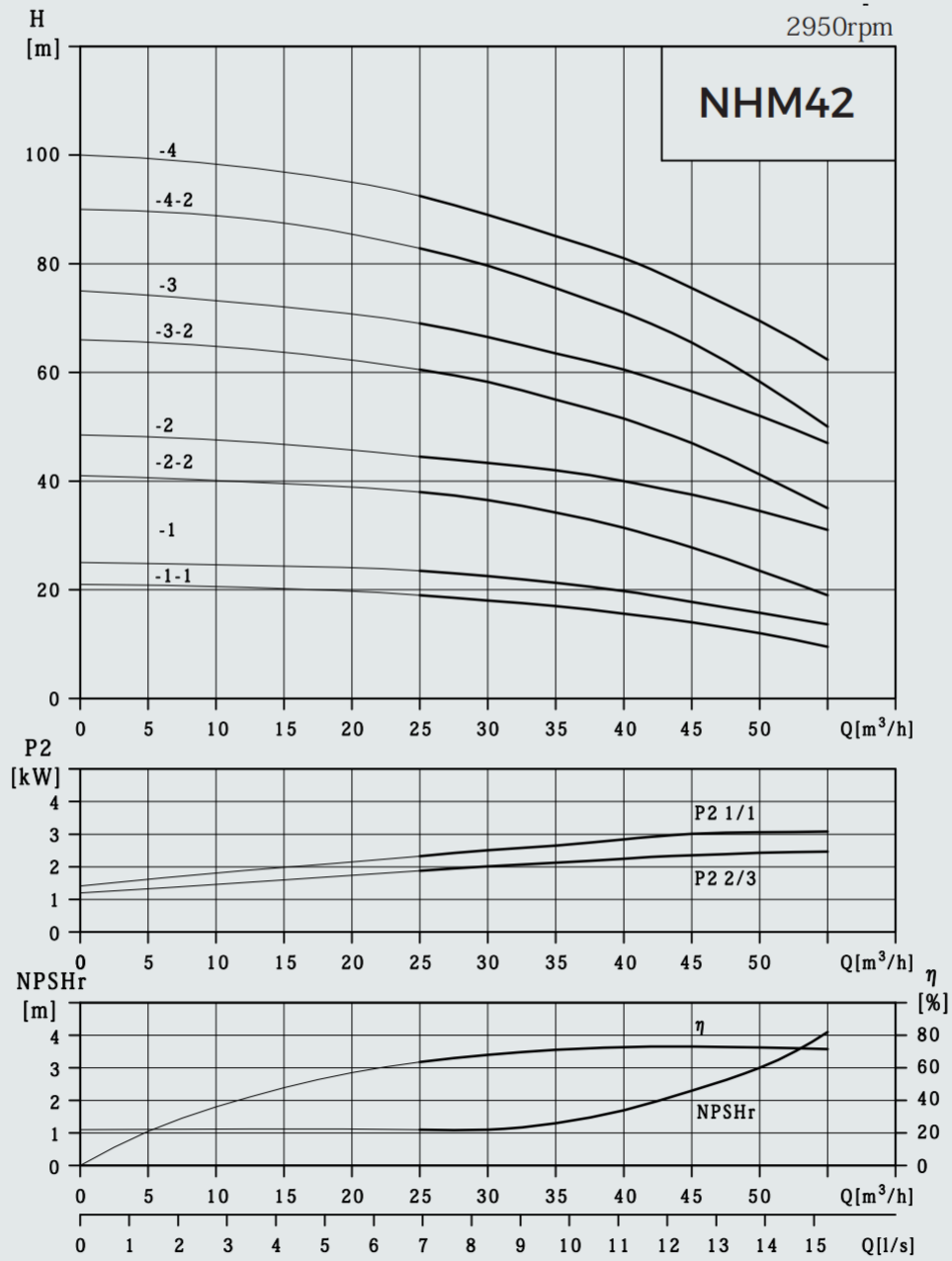
Dimensions and weight

Motor	Model	Dimensions (mm)											Weight (kg)	
		L	L1	L2	B	J	h	H	d	D	H1	A		M
Three phase/ Single phase	32-2-2	538	263	128	176	140	120	261	12	195	250	196	160	41
	32-2	541	268	128	176	140	120	261	12	215	270	226	190	48
	32-3-2	654	357	198	184	140	132	273	12	257	297	250	216	66
	32-3	654	357	198	184	140	132	273	12	257	297	250	216	66
	32-4-2	724	427	268	184	140	132	273	12	257	297	250	216	77
	32-4	724	427	268	184	140	132	273	12	257	297	250	216	77
	32-5-2	896	501	338	260	210	160	301	14.5	314	420	319	254	139
	32-5	896	501	338	260	210	160	301	14.5	314	420	319	254	139
	32-6-2	966	571	408	260	210	160	301	14.5	314	420	319	254	142
	32-6	966	571	408	260	210	160	301	14.5	314	420	319	254	142

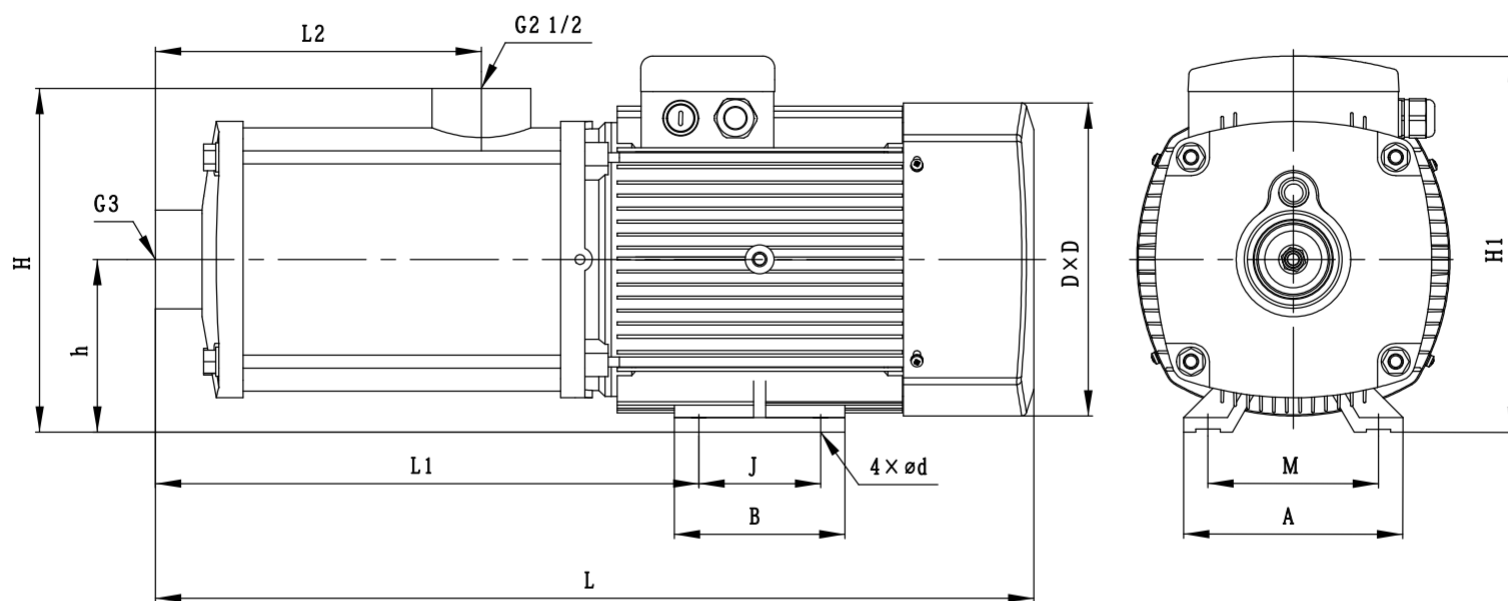
NHM42

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m³/h)	25	30	35	40	42	45	50	55
42-1-1	3	H (m)	19	18	17	15.5	15	14	12	9.5
42-1	4		23.5	22.5	21.5	20	19	18	16	14
42-2-2	5.5		38	36.5	34.5	31.5	30	28	23.5	19
42-2	7.5		44.5	43.5	42	40	39	37.5	34.5	31
42-3-2	11		60.5	58	55	51.5	50	47	41	35
42-3	11		69	66.5	63.5	60.5	59	56.5	52	47
42-4-2	15		83	79.5	75.5	71	69	65.5	58	50
42-4	15		92.5	89	85	81	79	75.5	69.5	63

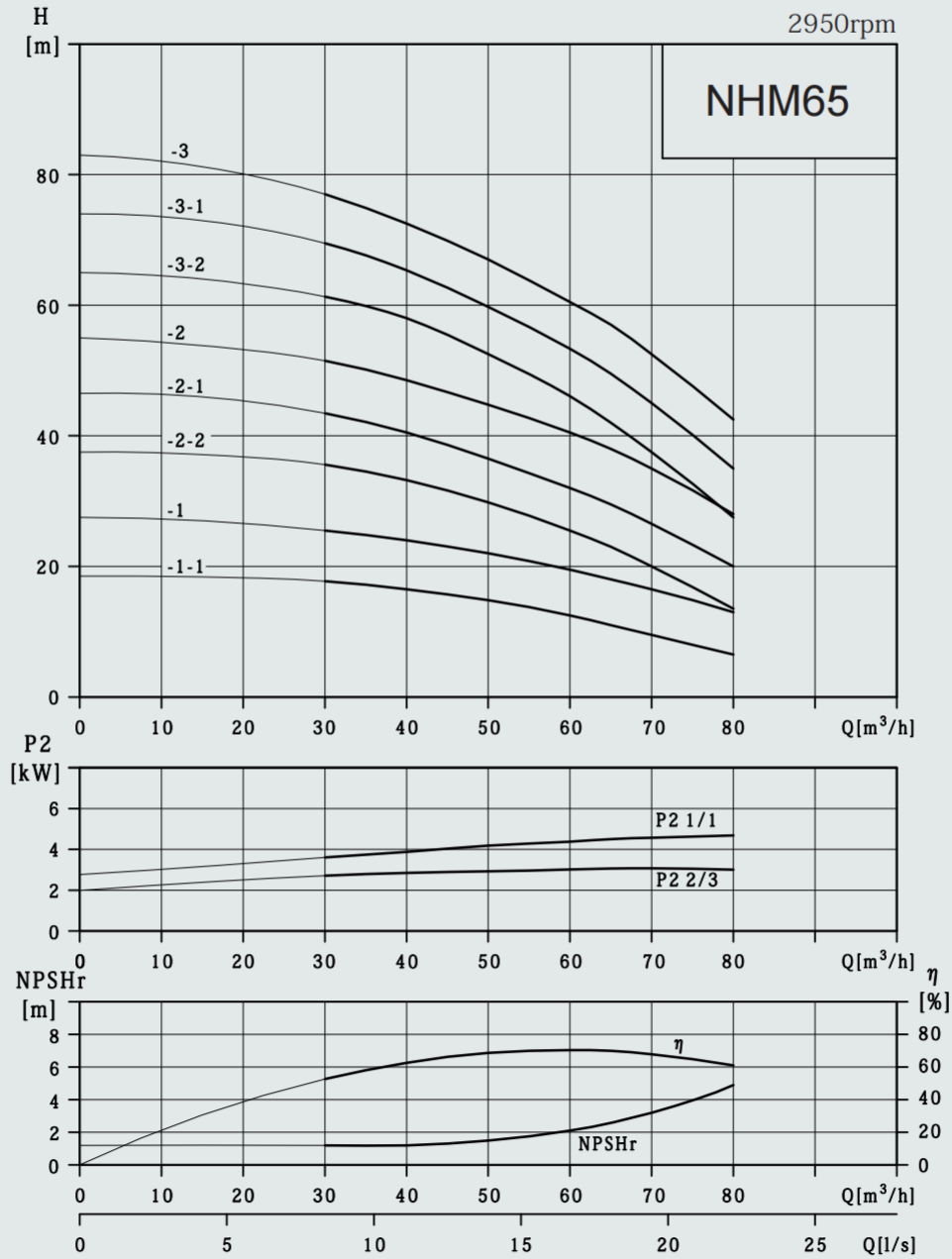
Dimensions and weight

Motor	Model	Dimensions (mm)											Weight (kg)	
		L	L1	L2	B	J	h	H	d	D	H1	A		M
Three phase/ Single phase	42-1-1	568	294	159	176	140	120	261	12	195	250	196	160	42
	42-1	571	298	159	176	140	120	261	12	215	270	226	190	48
	42-2-2	614	318	159	184	140	132	273	12	257	297	250	216	64
	42-2	614	318	159	184	140	132	273	12	257	297	250	216	72
	42-3-2	796	401	238	260	210	160	301	14.5	314	420	319	254	135
	42-3	796	401	238	260	210	160	301	14.5	314	420	319	254	135
	42-4-2	876	481	318	260	210	160	301	14.5	314	420	319	254	153
	42-4	876	481	318	260	210	160	301	14.5	314	420	319	254	153

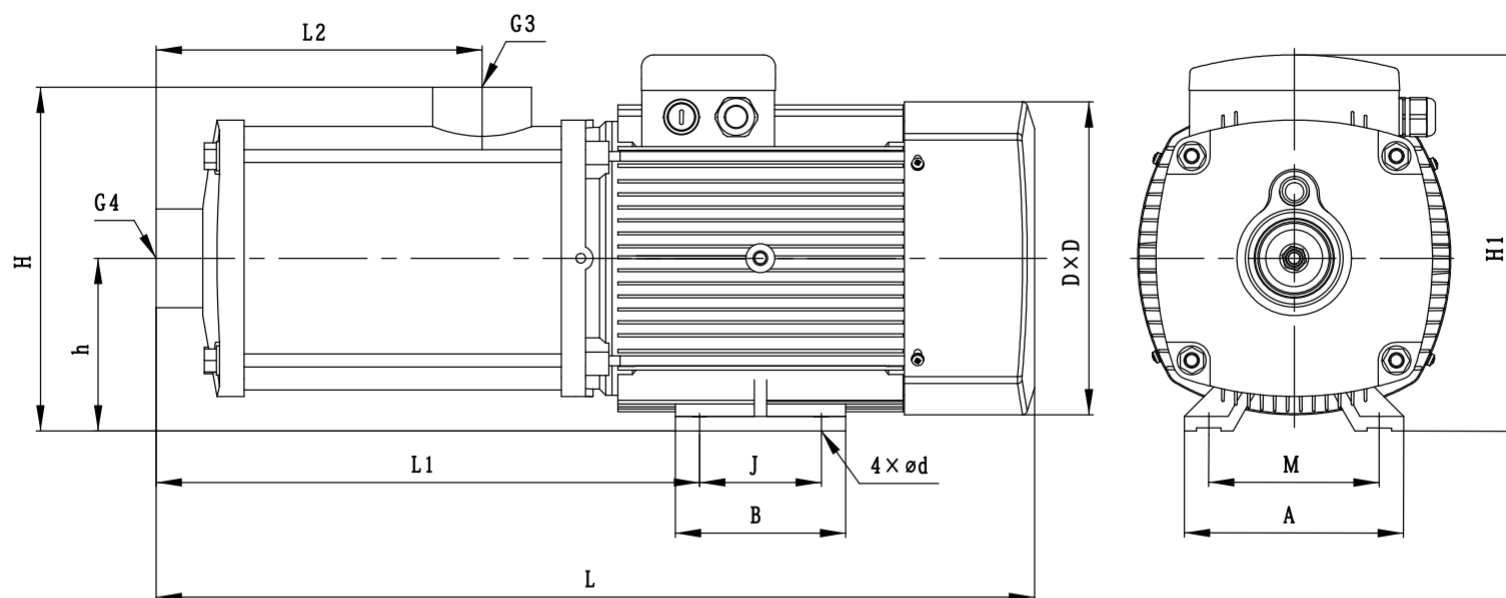
NHM65

50Hz

Performance curves



Installation dimensions



Performance tables

Model	Motor (kW)	Q (m ³ /h)	30	40	50	60	65	70	80
65-1-1	4	H (m)	18	16.5	14.5	12.5	11	9.5	6.5
65-1	5.5		25.5	24	22	19.5	18	16.5	13
65-2-2	7.5		36	33.5	29.5	25.5	23	20	13.5
65-2-1	11		44	40.5	36.5	32	29.5	26.5	20
65-2	11		51.5	48.5	44.5	40.5	38	35	28
65-3-2	15		62	58	52	45.5	42	37.5	27.5
65-3-1	15		69.5	65	59	53	49.5	45	35
65-3	18.5		77	72.5	67	60.5	57	52.5	42.5

Dimensions and weight

Motor	Model	Dimensions (mm)											Weight (kg)	
		L	L1	L2	B	J	h	H	d	D	H1	A		M
Three phase/ Single phase	65-1-1	570	297	157	176	140	120	265	12	215	270	226	190	48
	65-1	613	317	157	184	140	132	277	12	257	297	250	216	64
	65-2-2	696	400	240	184	140	132	277	12	257	297	250	216	75
	65-2-1	798	403	240	260	210	160	305	14.5	314	420	319	254	135
	65-2	798	403	240	260	210	160	305	14.5	314	420	319	254	135
	65-3-2	881	486	323	260	210	160	305	14.5	314	420	319	254	154
	65-3-1	881	486	323	260	210	160	305	14.5	314	420	319	254	154
	65-3	925	486	323	304	254	160	305	14.5	314	420	319	254	162

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