



KIKAWA Stainless Steel Horizontal Multistage Centrifugal Pump

under license

Application:

- ✦ Air conditioning system
- ✦ Cooling system
- ✦ Industrial cleaning
- ✦ Water treatment system
- ✦ Aquiculture
- ✦ Fertilizing / metering system
- ✦ Environmental application

Application Medium:

- Thin and clean non-flammable and non-explosive liquid without solid granules and fibers.
- Mineral water, soft water, pure water, edible vegetable oil and other light chemical mediums.

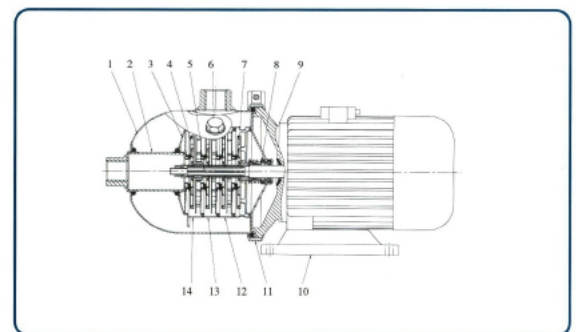


Operating Condition:

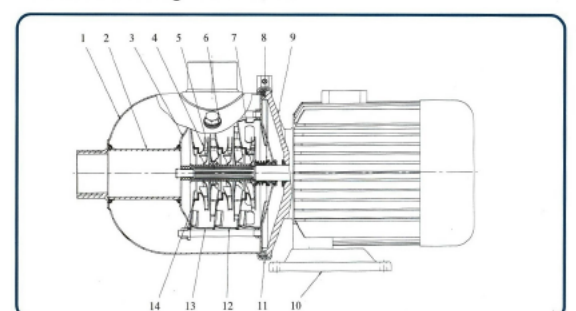
- ◆ Liquid Temperature: Standard Type: $-15^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Hot Water Type: $+70^{\circ}\text{C} \sim +110^{\circ}\text{C}$
- ◆ Ambient Temperature: Max. $+40^{\circ}\text{C}$
- ◆ Operation pressure: Max. 10 bar

No.	Name	Material	AISI / ASTM
1	Inlet and outlet section	Stainless steel	AISI 304
2	Connection pipe	Stainless steel	AISI 304
3	Clamp plate	Stainless steel	AISI 304
4	Impeller	Stainless steel	AISI 304
5	Shaft	Stainless steel	AISI 304
6	Gag	Stainless steel	AISI 304
7	Water-out guide vane	Stainless steel	AISI 304
8	Mechanical seal		
9	Motor end shield	Aluminum alloy	
10	Base frame	Cast iron	ASTM25B
11	Quick joint	Stainless steel	AISI 304
12	Guide vane	Stainless steel	AISI 304
13	Support guide vane	Stainless steel	AISI 304
14	Inducer	Stainless steel	AISI 304

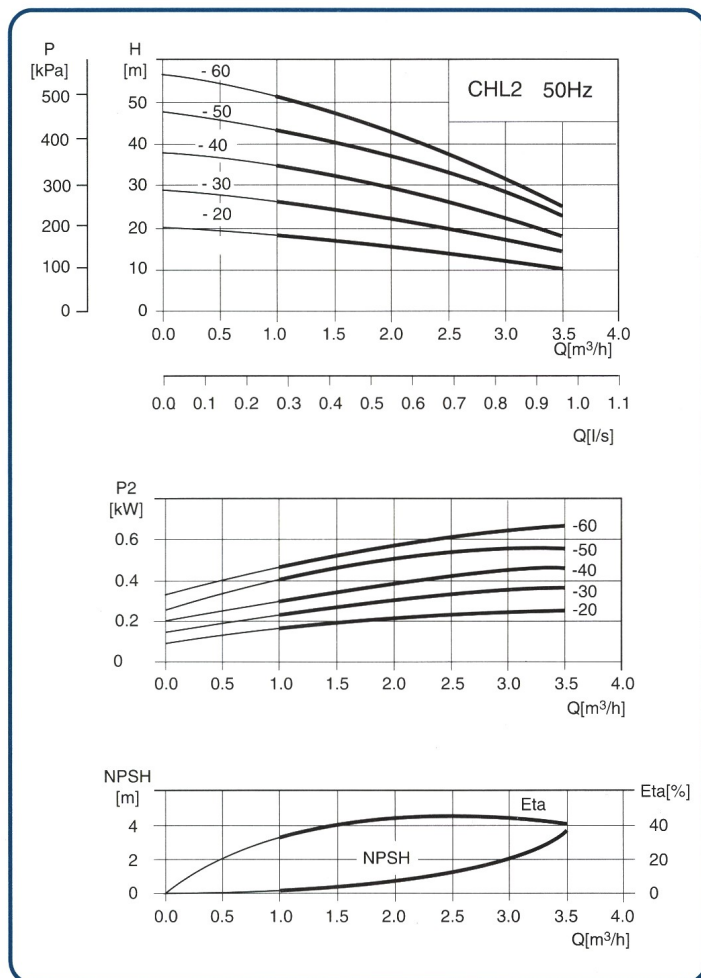
Section drawing CHL 2, 4



Section drawing CHL 8, 16

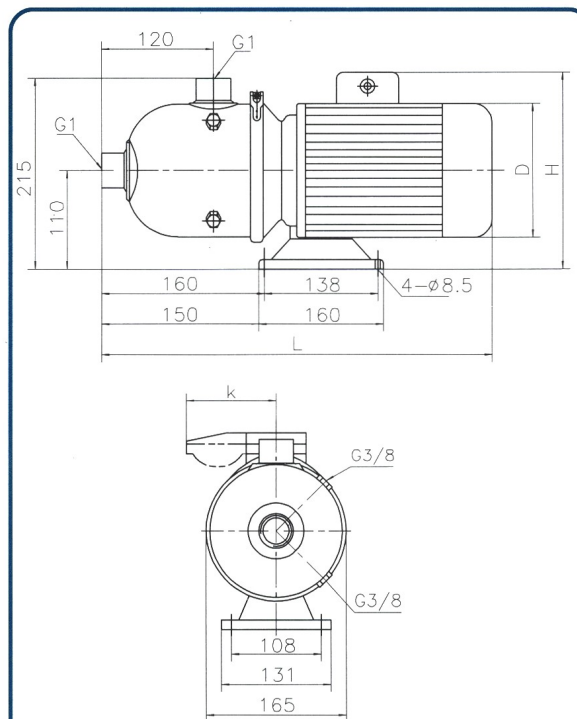


性能曲線 / Performance curve



CHL 2

安裝圖 / Installation sketch



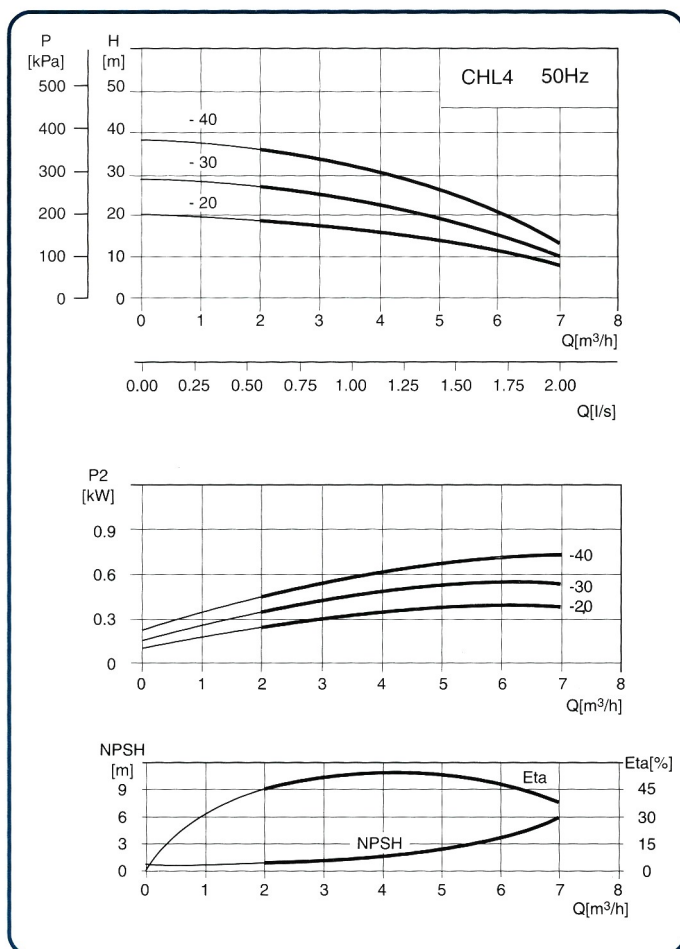
尺寸和重量 / Size and weight

motor	Model	L(mm)	D(mm)	H(mm)	K(mm)	Weight (kg)
Three-phase/ single-phase	CHL2-20	400	145	215/230	/96	13
	CHL2-30	400	145	215/230	/96	13
	CHL2-40	400	145	215/230	/96	13
	CHL2-50	400	145	215/230	/96	13
	CHL2-60	445	170	225/245	/100	15

性能表 / Performance table

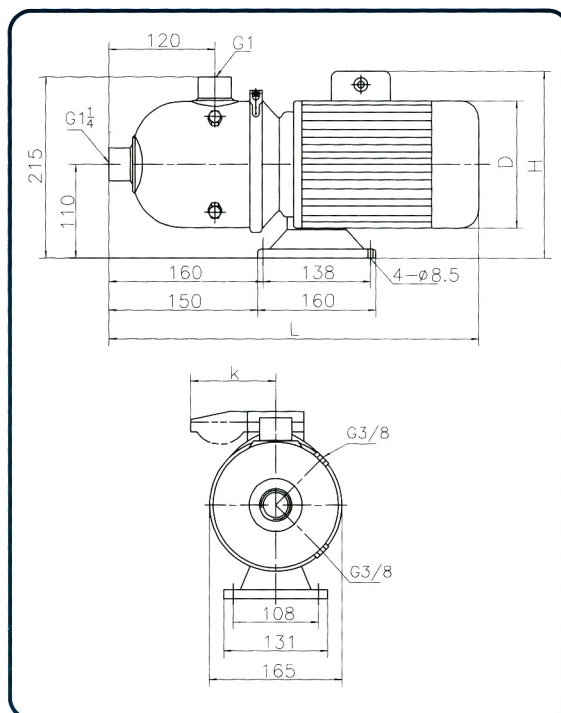
Model	Driving motor (kW)	Q (m³/h)	0.5	1.0	1.5	2.0	2.5	3.0	3.5
CHL2-20	0.37	H (m)	19	18	16	14	13	11	9
CHL2-30	0.55		28	27	24	21	20	17	14
CHL2-40	0.55		36	34	32	28	26	23	17
CHL2-50	0.55		46	43	40	35	33	28	22
CHL2-60	0.75		54	50	48	42	38	33	25

性能曲線 / Performance curve



CHL 4

安裝圖 / Installation sketch



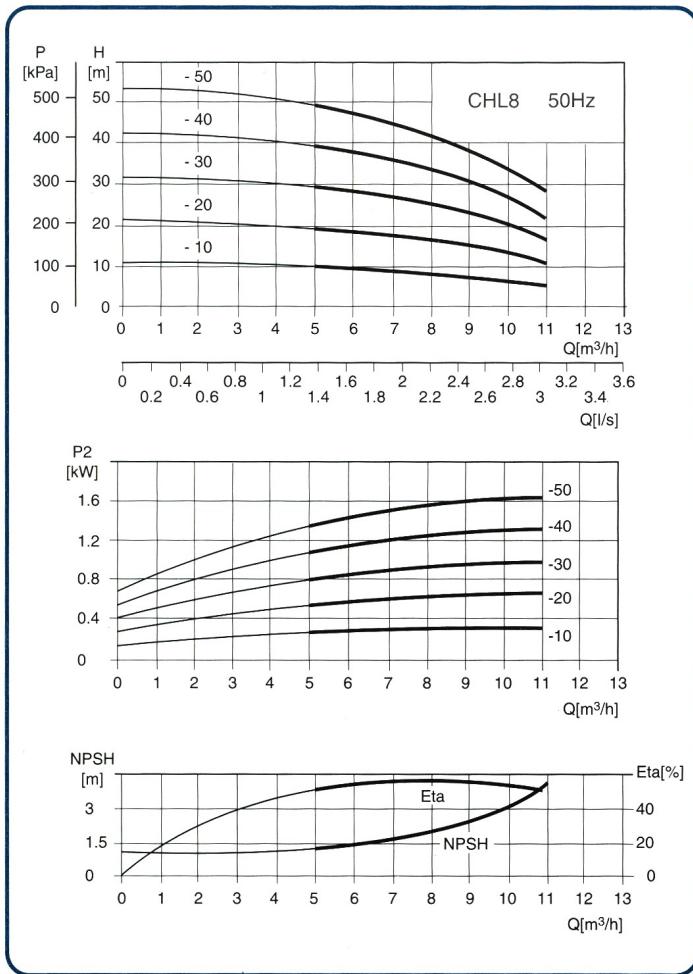
尺寸和重量 / Size and weight

motor	Model	L(mm)	D(mm)	H(mm)	K(mm)	Weight (kg)
Three-phase/ single-phase	CHL4-20	400	145	215/230	/96	12
	CHL4-30	445	170	225/245	/100	15
	CHL4-40	445	170	225/245	/100	15

性能表 / Performance table

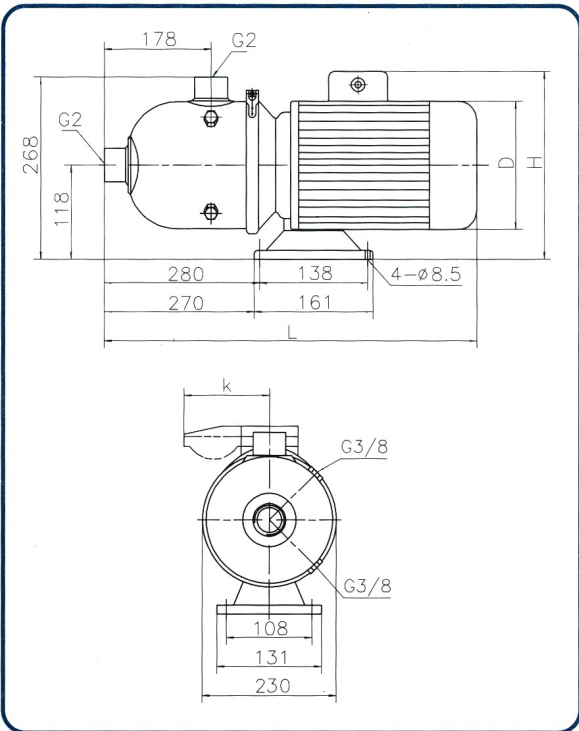
Model	Driving motor (kW)	Q (m³/h)	1	2	3	4	5	6	7
CHL4-20	0.55	H (m)	19	18	16	15	13	10	7
CHL4-30	0.75		28	27	24	22	19	15	10
CHL4-40	0.75		38	36	32	30	26	20	14

性能曲線 / Performance curve



CHL 8

安裝圖 / Installation sketch



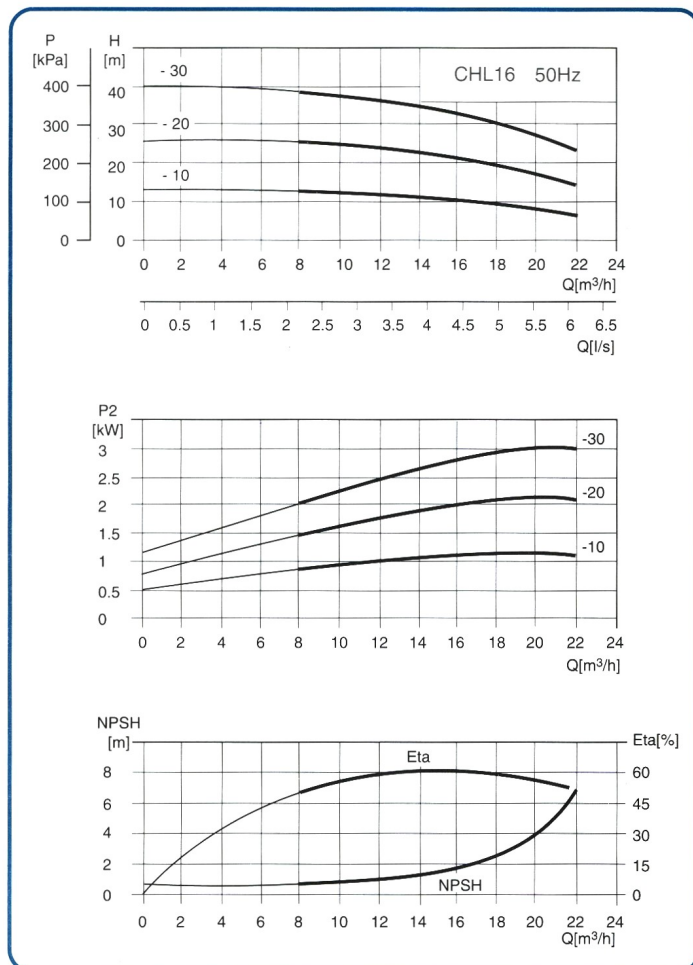
尺寸和重量 / Size and weight

motor	Model	L(mm)	D(mm)	H(mm)	K(mm)	Weight (kg)
Three-phase/ single-phase	CHL8-10	550	170	230/252	/100	20
	CHL8-20	550	170	230/252	/100	20
	CHL8-30	550	170	230/252	/100	25
	CHL8-40	570	180	240/260	/100	25
	CHL8-50	570	180	240/260	/100	30

性能表 / Performance table

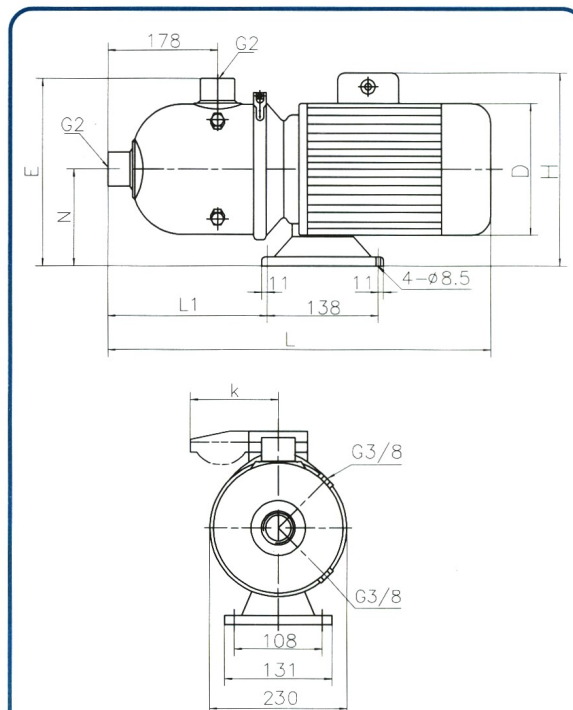
Model	Driving motor (kW)	Q (m³/h)	5	6	7	8	9	10	11
CHL8-10	0.75	H (m)	9.5	9.3	9	8.5	7.5	6.5	5.5
CHL8-20	0.75		19	18.5	18	17	15	13	11
CHL8-30	1.1		29	28	27	25.5	22.5	20	17.5
CHL8-40	1.5		39	38	36	34	30	26.5	22.5
CHL8-50	2.2		49	47	45	42.5	38	33.5	28

性能曲線 / Performance curve



CHL 16

安裝圖 / Installation sketch



尺寸和重量 / Size and weight

motor	Model	L(mm)	L1(mm)	E(mm)	N(mm)	D(mm)	H(mm)	K(mm)	Weight (kg)
Three-phase/ single-phase	CHL16-10	550	280	268	118	170	230/252	/100	20
	CHL16-20	570	280	268	118	180	240/260	/100	27
	CHL16-30	600	270	276	126	195	270/		34

性能表 / Performance table

Model	Driving motor (kW)	Q (m³/h)	8	10	12	14	16	18	20	22
CHL16-10	1.1	H (m)	12.5	12	11.5	10.5	10	9	7.5	6.5
CHL16-20	2.2		25.5	24	23	22	21	19	17	14.5
CHL16-30	3		38.5	37	36	34	32	30	27	23