

CHT TECK

CHT TECK Refrigeration Canned Motor Pump



CHT TECK CO., LTD

CHT TECK, Building Value In Refrigeration Field

www.cht-teck.com

Brief Introduction

CHT TECK has been engaged in leak-free pumps, the main products are canned motor pumps, magnetic pumps, etc. The pumps are mainly used in petroleum, chemical, refrigeration and other fields. Our company can provide canned motor pumps that meet international standards such as VDMA24279/ISO15783/API685, which are suitable for the transportation of harsh media such as high temperature, high pressure, low temperature, flammable, explosive, toxic, and gasification.

The pumps use the top European hydraulic model, electromagnetic design, heat balance, axial force balance system and secondary pressure-bearing shell, which has the characteristics of high efficiency, energy saving, safety and stability, low noise and low vibration.

CHT TECK has professional customized processing, assembly, measurement, and testing equipment to ensure product accuracy and design realization.

CHT TECK has in-depth cooperation with many global well-known companies and products sell well all over the world. We are your ideal and reliable partner!

Application

CHT Refrigeration Pump is used in the refrigeration industry for delivering refrigerants such as liquid ammonia(R717), Freon(R22/R12), silicon oil, CO₂, etc.



Refrigeration Canned Motor Pump

CLS / Single-stage Series-The CLS refrigeration pump is one with a single stage and in a high pressure internal circulation mode.

Work Scope

Capacity: 5~65m³/h

Head: 10~100m

Operating temp.: -50~+40°C



Material/Pressure/Flanges

Casing: CS

Impeller: CS

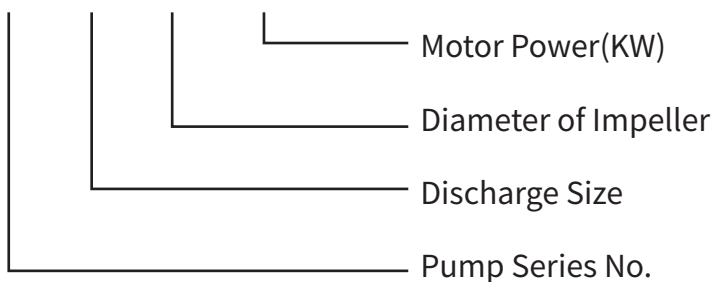
Bearings: 2Cr13/FH82A

Shaft: 2Cr13

Rated Pressure: PN25

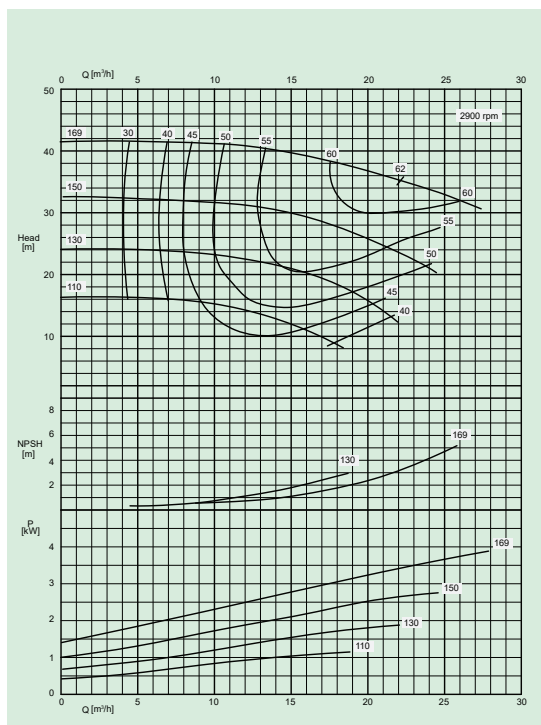
Flange STD:GB/T9113.1 PN25

CLS 40-200 M6.5

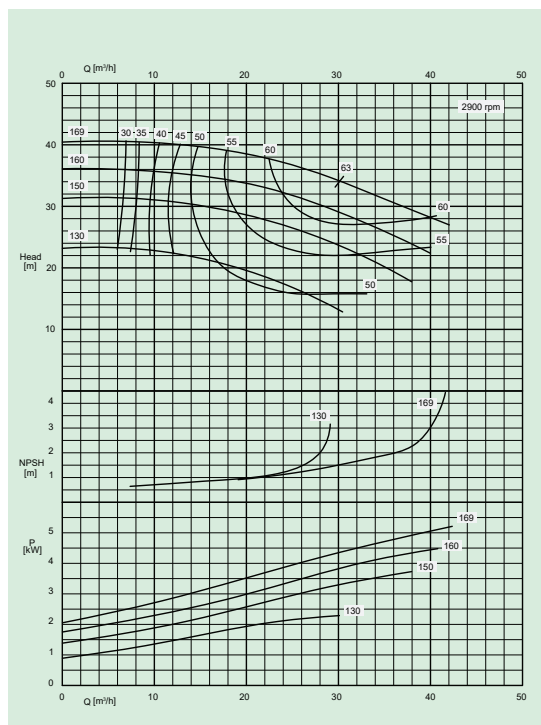


Pump Type	Motor Type	Pump Data		Motor Data	
		Qmin (m ³ /h)	Qmax (m ³ /h)	Power(KW)	Rated Current (A) at 380V
CLS32-160	M3.0	4	18	3	8.0
	M4.5			4.5	11.1
CLS40-160	M3.0	4	22	3	8.0
	M4.5			4.5	11.1
	M6.5			6.5	16.8
	M8.5			8.5	22.1
CLS40-200	M4.5	4	25	4.5	11.1
	M6.5			6.5	16.8
	M8.5			8.5	22.1
	M13.0			13.0	
CLS40-250	M8.5	4	25	8.5	22.1
CLS50-160	M6.5	6	50	6.5	16.8
	M8.5			8.5	22.1
	M13.0			13.0	
CLS50-200	M6.5	6	50	6.5	16.8
	M8.5			8.5	22.1
	M13.0			13.0	

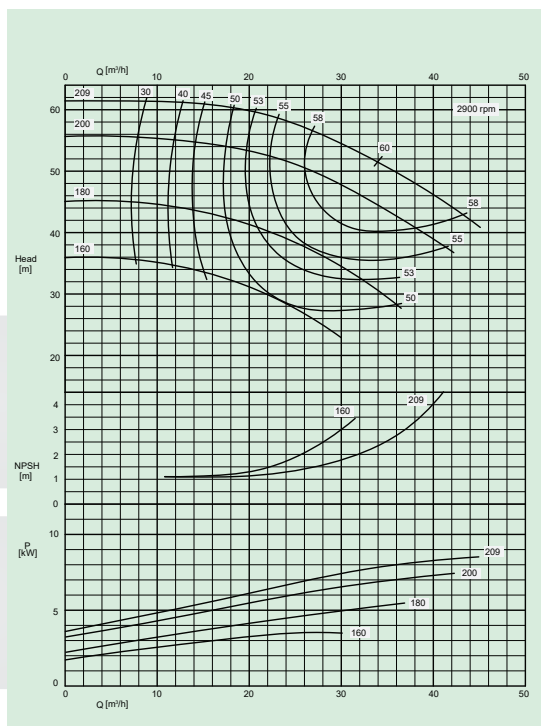
CHT Pumps CLS Series 32-160



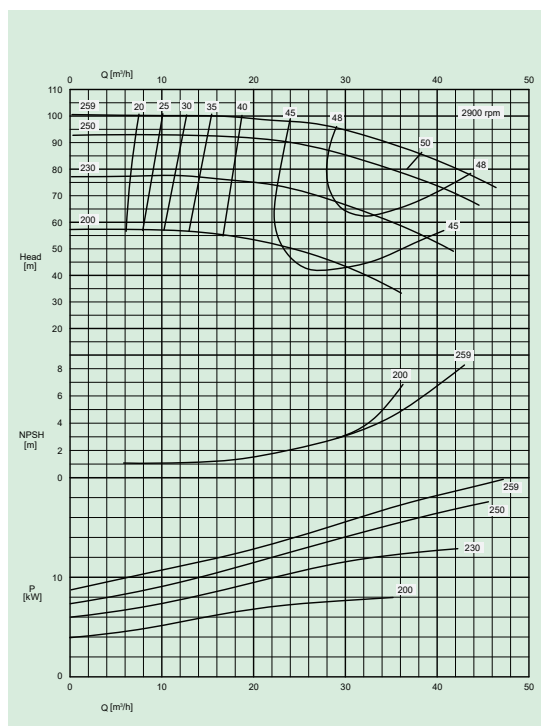
CHT Pumps CLS Series 40-160



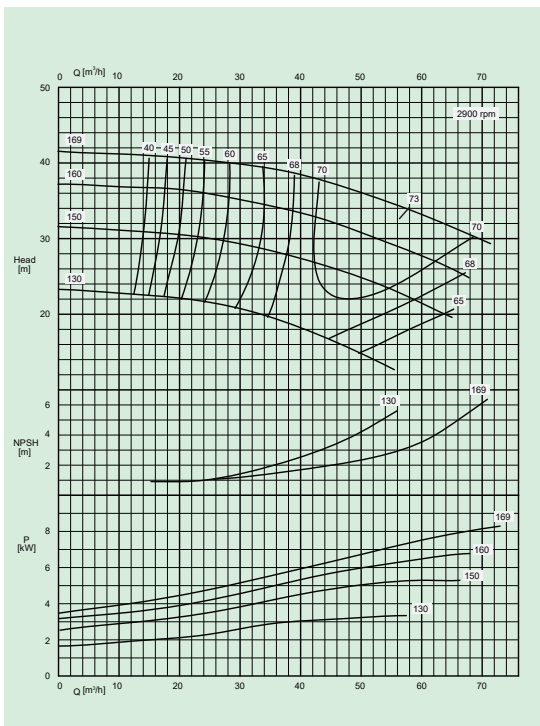
CHT Pumps CLS Series 40-200



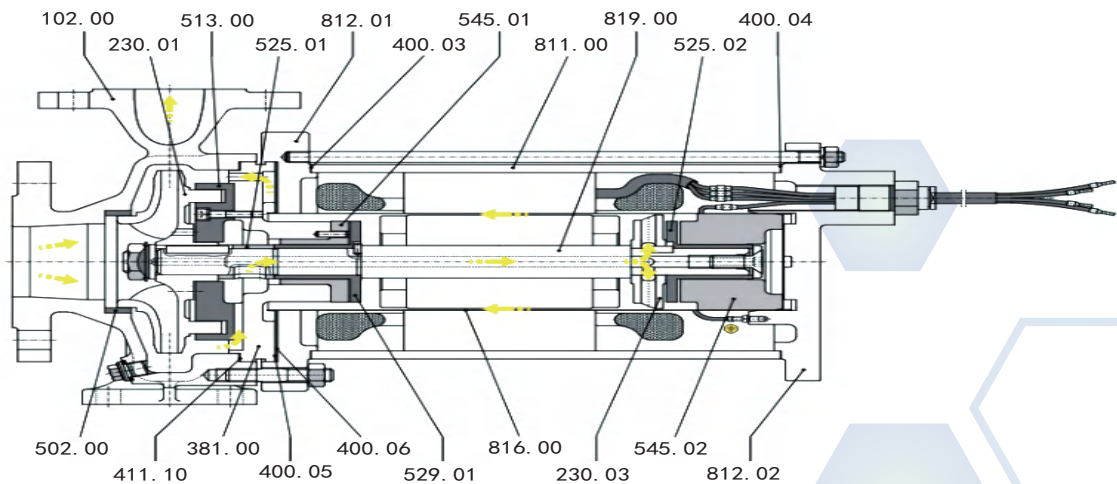
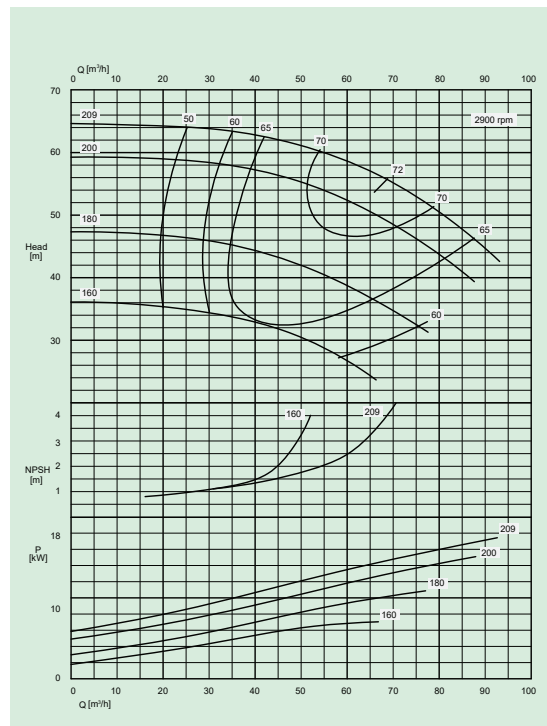
CHT Pumps CLS Series 40-250



CHT TECK Pumps CLS Series 50-160



CHT TECK Pumps CLS Series 50-200



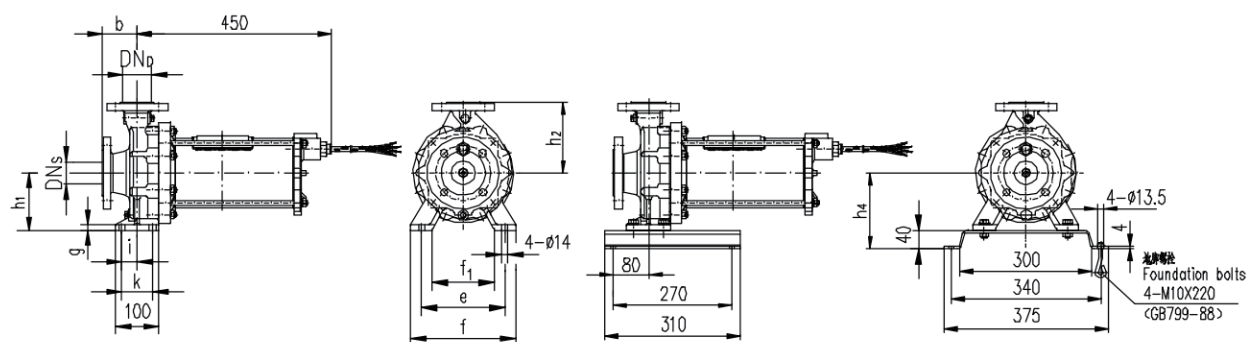
102.00 Pump Casing
811.00 Motor
529.01 Bearing Sleeve
411.10 Gasket
381.00 Bearing Insert
816.00 Stator Lining
545.02 Bearing Bushe

400.05 Gasket
230.01 Impeller
812.01 Motor Casing Cover
529.02 Bearing Sleeve
502.00 Wear Ring
400.03 Gasket
819.00 Rotor

525.01 Distance Sleeve
400.06 Gasket
230.03 Auxiliary Impeller
812.02 Motor Casing Cover
545.01 Bearing Bushe
513.00 Wear Ring Insert
400.04 Gasket

CHT TECK Pumps CLS Series

CLS (M3.0~M6.5) Dimension Drawing



型号/type	DNs	DNp	b		e	f	f ₁	g	h ₁	h ₂	h ₄	i	k
			无诱导轮 Without Inducer	有诱导轮 With Inducer									
32-160	50	32	80	113	190	240	140	14	132	160	172	35	70
32-200			80	113	190	240	140	14	160	180	200	35	70
40-160	65	40	80	118	190	240	140	14	132	160	172	35	70
40-200			100	100	212	265	165	14	160	180	200	35	70
50-160	80	50	100	133	212	265	165	14	160	180	200	35	70
50-200			100	133	212	265	165	14	160	200	200	35	70

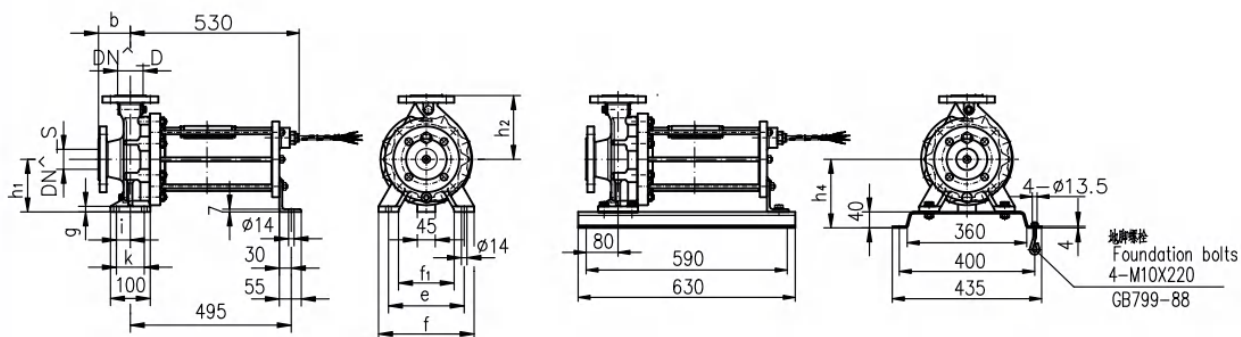
注:1、法兰标准执行 (Normal design flange acc. to)
GB/T 9113.1-2000 PN25.

2、底座材质 (Base plate material): Q235A.

3、标准配置不包括底座.

Standard scope of supply will exclude baseplate

CLS(M8.5) Dimension Drawing



型号/Type	DNs	DNp	b		e	f	f ₁	g	h ₁	h ₂	h ₄	i	k
			无诱导轮 Without Inducer	有诱导轮 With Inducer									
32-160	50	32	80	113	190	240	140	14	132	160	172	35	70
32-200			80	113	190	240	140	14	160	180	200	35	70
40-160	65	40	80	118	190	240	140	14	132	160	172	35	70
40-200			100	100	212	265	165	14	160	180	200	35	70
50-160	80	50	100	133	212	265	165	14	160	180	200	35	70
50-200			100	133	212	265	165	14	160	200	200	35	70

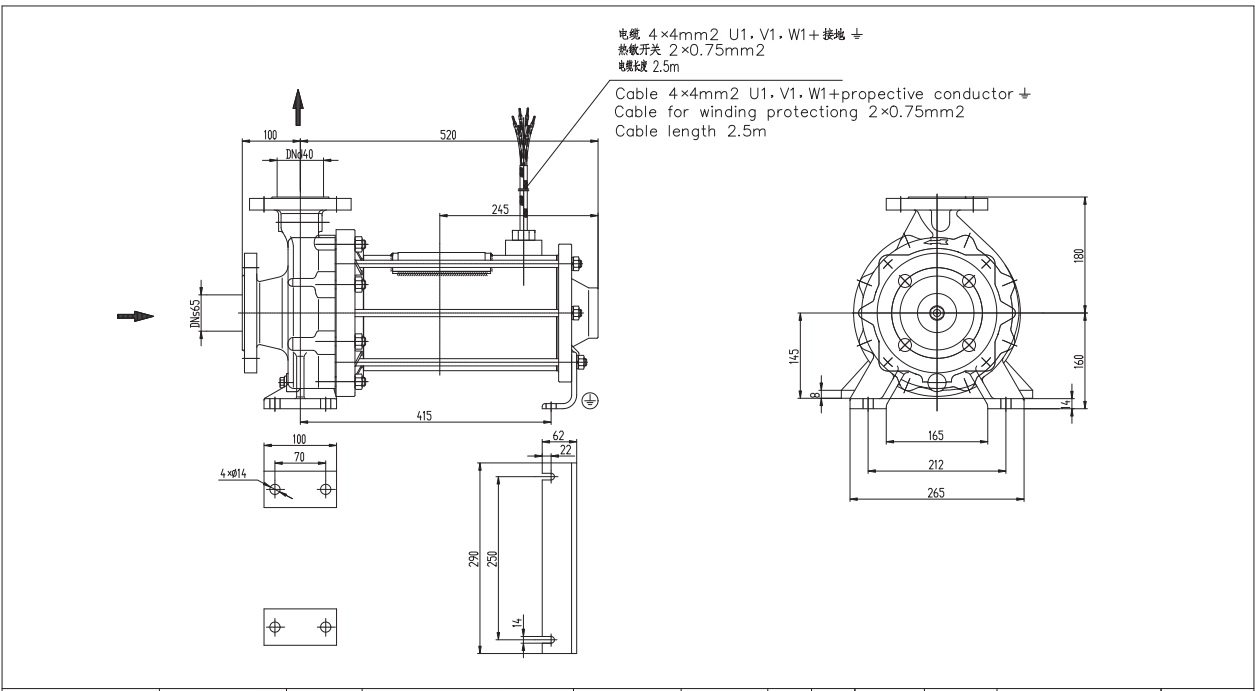
注:1、法兰标准执行 (Normal design flange acc. to)
GB/T 9113.1-2000 PN25.

2、底座材质 (Base plate material): Q235A.

3、标准配置不包括底座.

Standard scope of supply will exclude baseplate.

CLS(M13.0) Dimension Drawing



	油站标准 GB/T19113.1-2000 PN25 RF						设计/DES 设计/WR 设计/AV 设计/WT 设计/DA		外形图 Dimensional Drawing	图号/Drawing No.
	DN5	65	185	145	84		18	8-Ø18		BWD27385
	DN6	40	150	110	118		22	4-Ø18		版本号/Rav.
										B

Refrigeration Canned Motor Pump

CLMA / Multistage Series-The CLMA series is a horizontal multi-stage structure, which is suitable for a low capacity and a high head, with a low NPSH. The pump adopts high-pressure internal circulation mode, which is used for delivering vaporization medium.

Working Scope:

Capacity: 0.5~40m³/h

Head: 10~200m

Operating temp.: -100~+40°C

Material/Pressure/Flanges

Casing: QT

Impeller: HT250

Bearings: 2Cr13/FH82A

Shaft: 2Cr13

Rated Pressure: PN25

Flange STD: GB/T9113.3 PN25

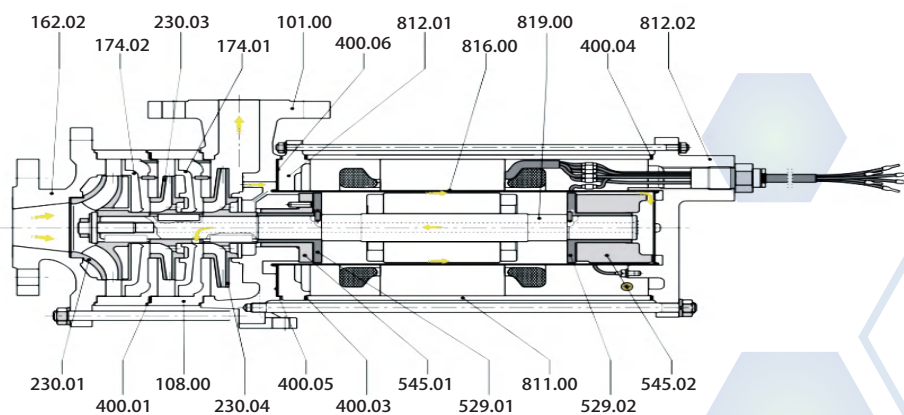
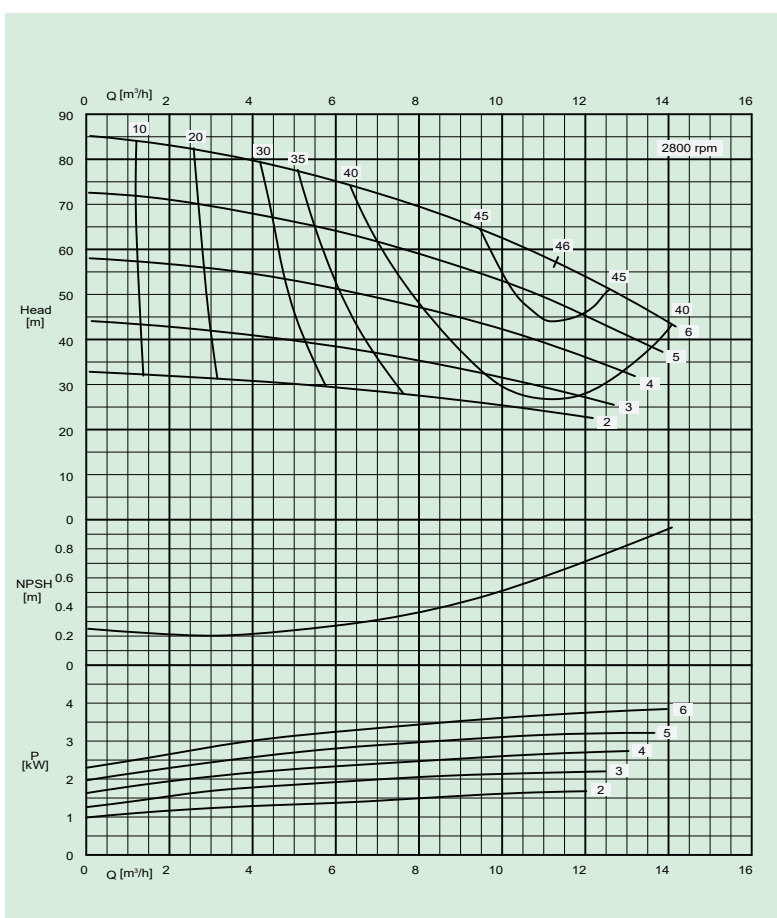


CLMA / 3 M4.5



Pump Type	Motor Type	Qmin (m ³ /h)	Qmax (m ³ /h)	Power(KW)	Rated Current (A) at 380V
CLMA2	M3.0	1.0	10.5	3.0	8.0
CLMA3	M3.0	1.0	10.5	3.0	8.0
	M4.5			4.5	16.8
CLMA4	M3.0	1.0	10.5	3.0	11.1
	M4.5			4.5	16.8
CLMA5	M3.0	1.0	10.5	3.0	8.0
	M4.5			4.5	11.1
	M6.5			6.5	16.8
CLMA6	M3.0	1.0	10.5	3.0	8.0
	M4.5			4.5	11.1
	M6.5			6.5	16.8

CHT TECK Pumps CLMA Series

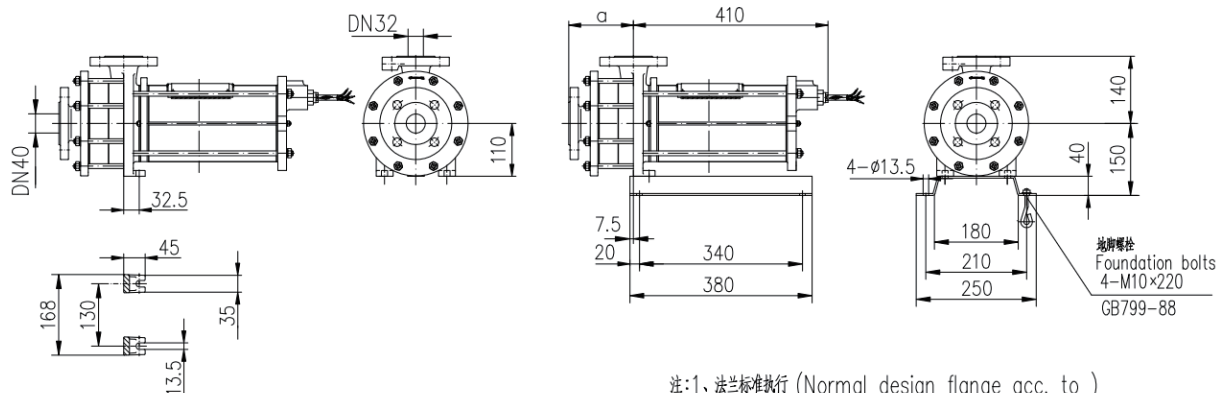


101.00 Pump Casing
811.00 Motor
529.01 Bearing Sleeve
400.01 Gasket
174.01 Diffuser Insert
816.00 Stator Lining
545.02 Bearing Bushe

230.03 Impeller
108.00 Stage Casing
812.01 Motor Casing Cover
529.02 Bearing Sleeve
400.03 Gasket
174.02 Diffuser Insert
819.00 Rotor

400.06 Gasket
230.04 Impeller
160.02 Suction Cover
812.02 Motor Casing Cover
545.01 Bearing Bushe
400.04 Gasket
230.01 Impeller

CLMA/2-6/(M3.0~6.5) Dimension Drawing



级数/Stage	2	3	4	5	6
a	135	176	217	258	299

注:1、法兰标准执行 (Normal design flange acc. to)
GB/T9113.3-2000 PN25.

2、底座材质 (Base plate material):Q235A.

3、标准配置不包括底座.

Standard scope of supply will exclude baseplate.



Canned Motor Pump



High Temperature Series(CMP-K)



Easy Vaporization Single Stage Series(CMP-F)



Mud Series (CMP-K+D)



Ordinary Single Stage Series(CMP)



High Pressure Series(CMP-P)



Multi-Stage Series(CMP-M)

Our Partner



中国石化
SINOPEC

MYCOM

