FANCY the pump of arts	Product Information CDMF42-1	Manufacturer	FANCY PUMP(ZHEJIANG) Co., LTD
		Address	Wanchang Road, Wenling City, Zhejiang
		Contact	+86 13566667995
		Date	2025/04/03
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	
		Contact	

Part NO.	CDM42-1
Product Picture: (Note: Images may not be the same as the product)	Note
	CDMF Vertical multistage stainless steel new generation, high efficiency pump, It referred to European standard, adopted entirely new industrial design, It is energy saving, low noise, environment friendly, compact design, beautiful shape, light weight, easy for service, high reliability.

Nameplate parameters

Rated flow(m^3/h)	42
Rated head(m)	20
Rated power(kW)	4
Efficiency(%)	69.8
Speed(r/min)	2900
Impeller stages	1

Material

Pump body	SS304
Impeller	SS304
Diffuser	SS304
Motor bracket	HT250
Pump shaft	SS304
Mechanical seal	GN+WC+FKM
Motor case	ADC12
Stator&rotor	50W800
Bearing	GCr15
Wiring	Cu
Base	HT200

Liquid

Liquid temperature	-15~120°C
PH value of fluid	5~9
Fluid density	$1\times10^3kg/m^3$
Maximum ambient temperature (°C)	40°C
Pumping fluid	Clean water

Motor

Phase	3~ph
Protection grade	IP55
Insulation class	F
Motor power(kW)	4KW
Impeller rotation(viewed from motor)	Counterclockwise
Frequency(Hz)	50Hz
Rated voltage(V)	380
Motor efficiency rating	IE3
Motor pole	2

Installation

Interface type	F

FANCY the pump of arts	Product Information CDMF42-1	Manufacturer	FANCY PUMP(ZHEJIANG) Co., LTD
		Address	Wanchang Road, Wenling City, Zhejiang
		Contact	+86 13566667995
		Date	2025/04/03
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	
		Contact	

Installation

Inlet	DN80
Outlet	DN80
Maximum working pressure(Mpa)	2.5Mpa
Flange standard	DIN

Seal

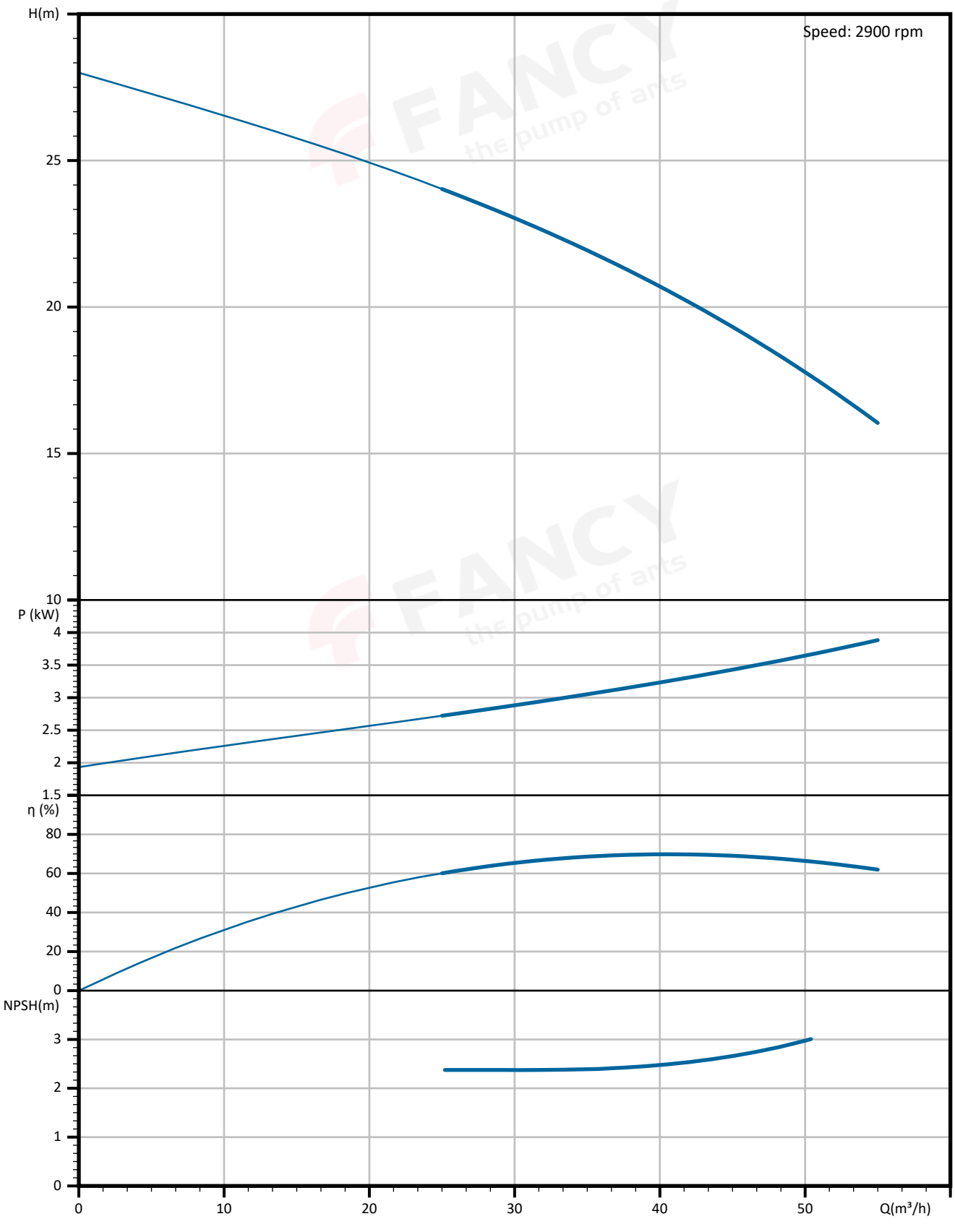
Mechanical seal specification	GF-22/WB1F14
Bearing brand	C&U
Bearing model	6306/6306

Weight

Total weight(kg)	90

FANCY the pump of arts	Performance Curve CDMF42-1	Manufacturer	FANCY PUMP(ZHEJIANG) Co., LTD
		Address	Wanchang Road, Wenling City, Zhejiang
		Contact	+86 13566667995
		Date	2025/04/03
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	
		Contact	

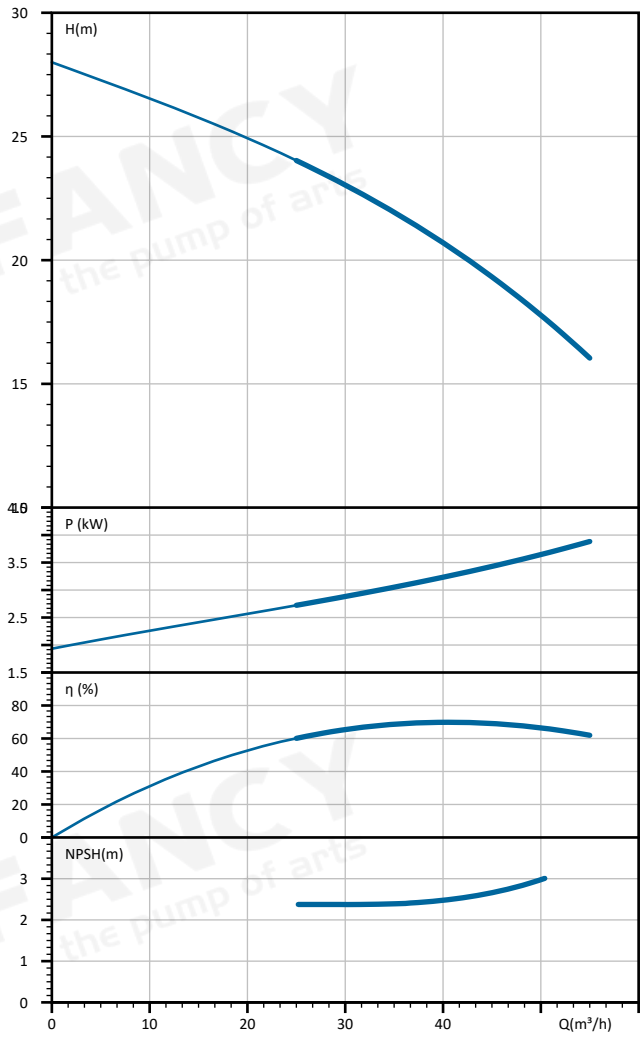
The hydraulic performance curve have been tested with Clean water at °C, density 1000kg/m³,and at 1bar atmospherical pressure. IS099062012 Grade 3B



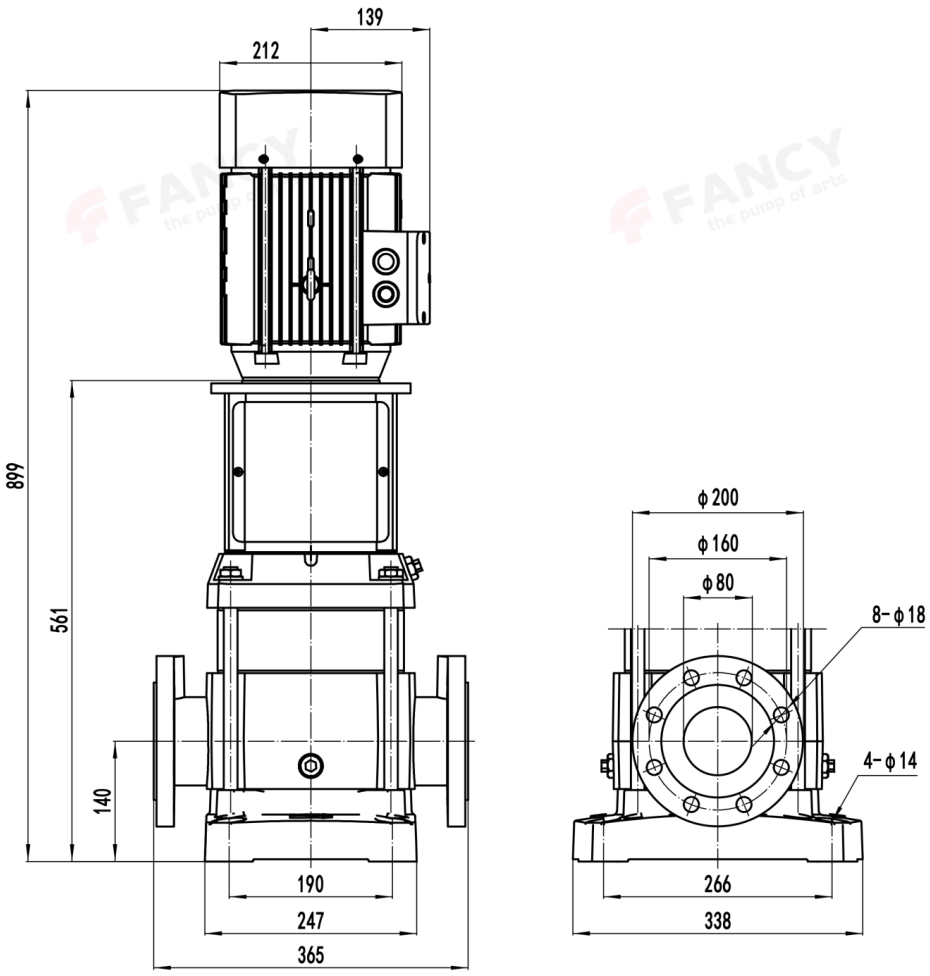
FANCY the pump of arts	Pump Technical Parameters CDMF42-1	Manufacturer	FANCY PUMP(ZHEJIANG) Co., LTD
		Address	Wanchang Road, Wenling City, Zhejiang
		Contact	+86 13566667995
		Date	2025/04/03
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	
		Contact	

Rated parameters	
Pump model	CDMF42-1
Part NO.	CDM42-1
Rated flow	42 m³/h
Rated head	20 m
Rated efficiency (%)	69.8
Power (kW)	3.28
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	136

Medium	
Pumped medium	Clean water
Working temperature (°C)	
Medium density (kg/m³)	1000
Viscosity (mm²/s)	1



FANCY the pump of arts	Installation picture CDMF42-1	Manufacturer	FANCY PUMP(ZHEJIANG) Co., LTD
		Address	Wanchang Road, Wenling City, Zhejiang
		Contact	+86 13566667995
		Date	2025/04/03
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	
		Contact	



Mark	Places	Section	Mod.file no.	Signature	yy/mm/dd
Design			Standard.		
Verify					
Craft			Approve		

Stage mark	Weight	Scale

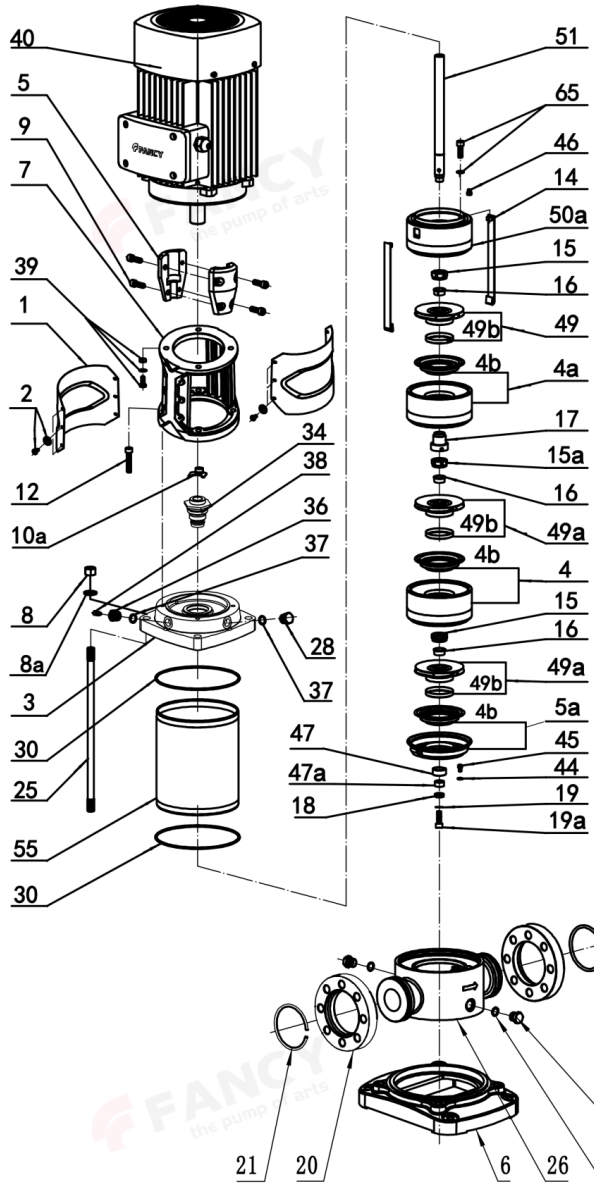
Total: 1 pages page: 1

FANCY the pump of arts

Installation dimension
Установочный размер

CDM42-1

FANCY the pump of arts	Structure picture CDMF42-1	Manufacturer	FANCY PUMP(ZHEJIANG) Co., LTD
		Address	Wanchang Road, Wenling City, Zhejiang
		Contact	+86 13566667995
		Date	2025/04/03
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	
		Contact	



1、防护板
2、螺钉、塑料垫圈
3、泵头
4、导叶
(1级泵不存在)
4a、支撑导叶
(1、2级泵不存在)
4b、口环座组件
5、联轴器
5a、导流器
6、底座
7、支架
8、螺母M16
8a、垫圈16
9、螺钉
10a、调节片
12、螺钉
14、拉带
15、叶轮螺母
15a、支撑螺母
(1、2级泵不存在)
16、锥套
17、中间轴套
(1、2级泵不存在)
18、压盖
19、垫圈8
19a、螺钉M8×15-LH
20、法兰
21、卡环
25、拉杆
26、进出水段
28、螺堵
30、O形圈
34、机械密封
36、放气螺堵
37、O形圈16×2.8
38、放气螺栓
39、螺栓、螺母、垫圈
40、电机
44、垫圈6
45、螺钉M6×10
46、调节桩
47、下滑动轴承
47a、下轴套
49、小叶轮
49a、大叶轮
49b、口环套
50a、出水导叶
51、泵轴
55、耐压筒
65、螺钉M8×30、垫圈8

CDMF32,42,65

FANCY the pump of arts	Physical picture CDMF42-1	Manufacturer	FANCY PUMP(ZHEJIANG) Co., LTD
		Address	Wanchang Road, Wenling City, Zhejiang
		Contact	+86 13566667995
		Date	2025/04/03
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	
		Contact	

FANCY the pump of arts	Order Data CDMF42-1	Manufacturer	FANCY PUMP(ZHEJIANG) Co., LTD
		Address	Wanchang Road, Wenling City, Zhejiang
		Contact	+86 13566667995
		Date	2025/04/03
Project Name		Client Name	
		Client Addr.	
Item NO		Contacts	
		Contact	

Pump model	CDMF42-1
Part NO.	CDM42-1
Product price	
Quantity	1
Total price	