

Manufacturer	FANCY PUMP(ZHEJIANG) Co., LTD
Address	Wanchang Road, Wenling City, Zhejiang
Contact	+86 13566667995
Date	2025/04/03
Client Name	
Client Addr.	
Contacts	
Contact	

Part NO.	CDM42-6
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Product Picture: (Note: Images may not be the same as the product)	Note
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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 <sup>3</sup> /h)	42
Rated head(m)	122
Rated power(kW)	22
Efficiency(%)	69.8
Speed(r/min)	2900
Impeller stages	6

**Material**

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

**Liquid**

Liquid temperature	-15~120°C
PH value of fluid	5~9
Fluid density	1×10 <sup>3</sup> kg/m <sup>3</sup>
Maximum ambient temperature (°C)	40°C
Pumping fluid	Clean water

**Motor**

Phase	3~ph
Protection grade	IP55
Insulation class	F
Motor power(kW)	22KW
Impeller rotation(viewed from motor)	Counterclockwise
Frequency(Hz)	50Hz
Rated voltage(V)	380
Motor efficiency rating	IE3
Motor pole	2

**Installation**

Interface type	F
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**Product Information**  
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**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	6311/6311

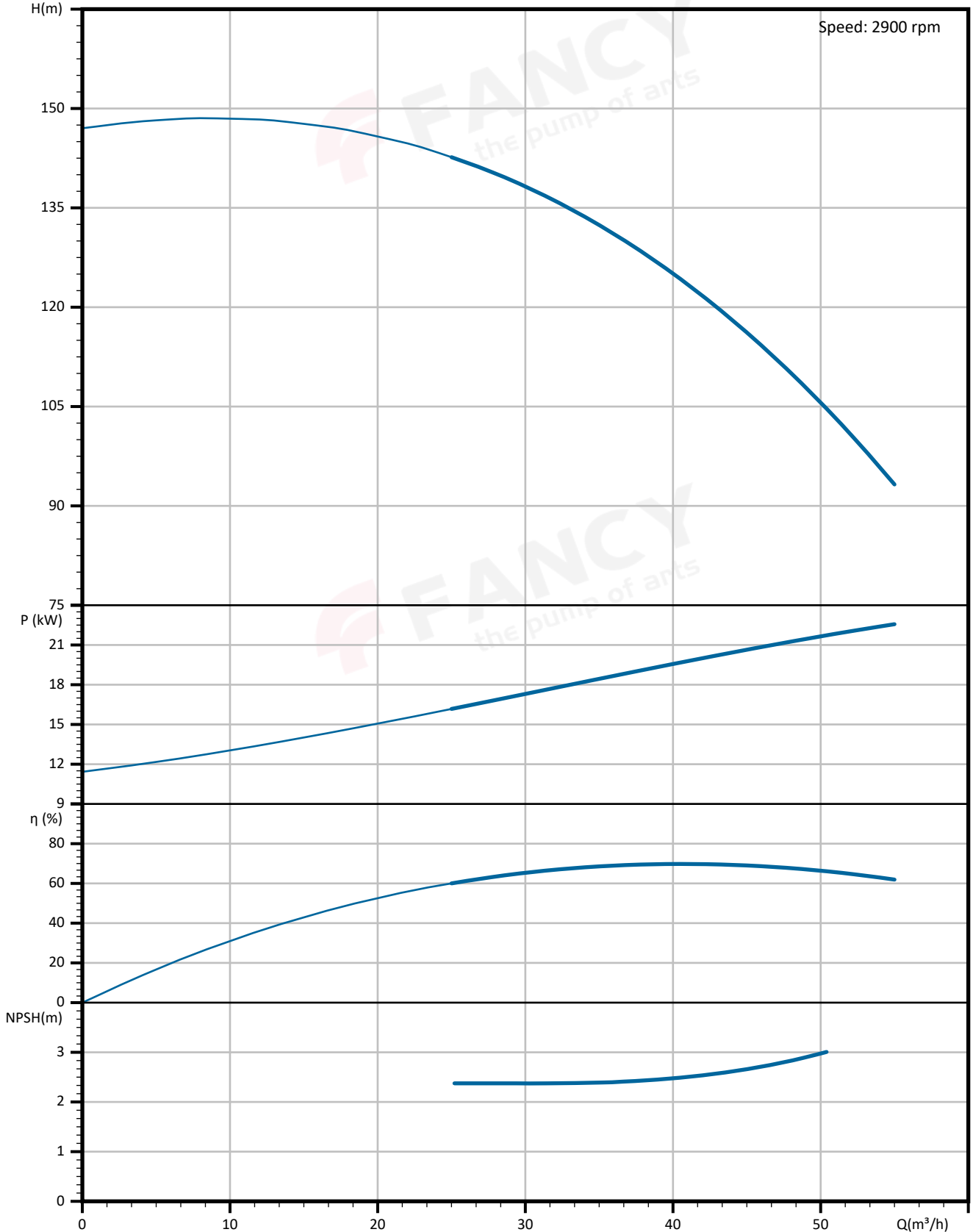
**Weight**

Total weight(kg)	279
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The hydraulic performance curve have been tested with Clean water at °C, density 1000kg/m<sup>3</sup>,and at 1bar atmospherical pressure. IS099062012 Grade 3B





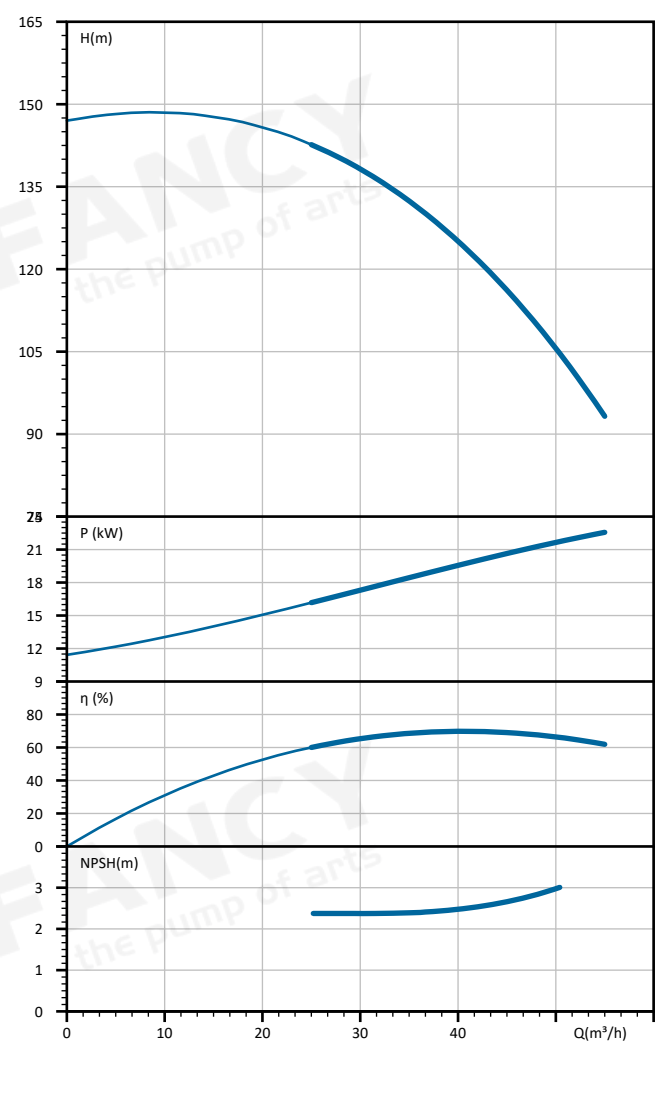
## Pump Technical Parameters

### CDMF42-6

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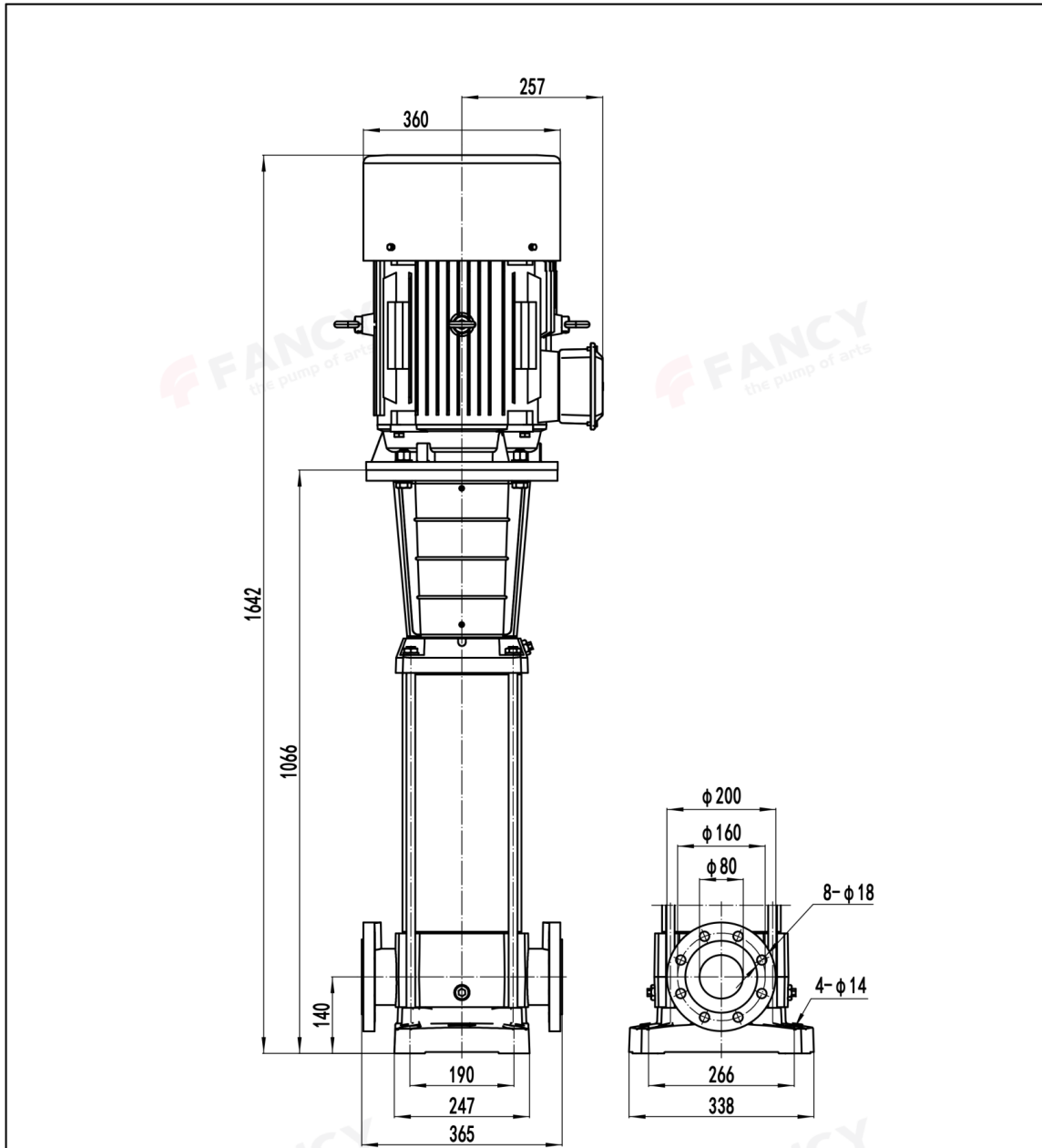
Rated parameters	
Pump model	CDMF42-6
Part NO.	CDM42-6
Rated flow	42 m <sup>3</sup> /h
Rated head	122 m
Rated efficiency (%)	69.8
Power (kW)	20
NPSHr (m)	2.5
Speed (rpm)	2900
Max impeller diameter (mm)	136
Medium	
Pumped medium	Clean water
Working temperature (°C)	
Medium density (kg/m <sup>3</sup> )	1000
Viscosity (mm <sup>2</sup> /s)	1



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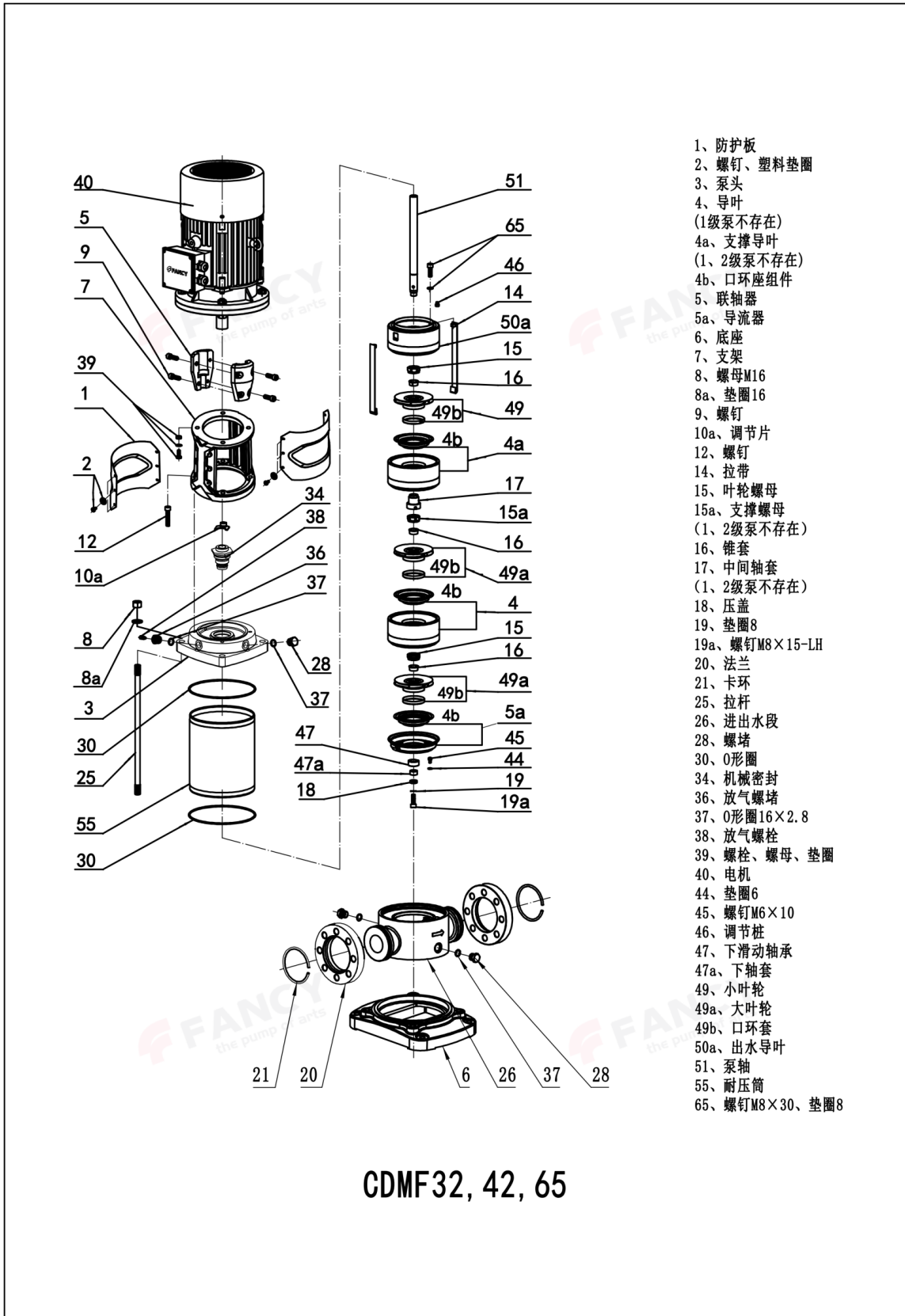


						<b>FANCY</b> the pump of arts		
						<b>Installation dimension</b> <b>Установочный размер</b>		
						<b>CDM42-6</b>		
Mark	Places	Section	Mod.file no.	Signature	yy/mm/dd	Stage mark	Weight	Scale
Design			Standard.					
Verify								
Craft			Approve			Total: 1 pages page: 1		

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- 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

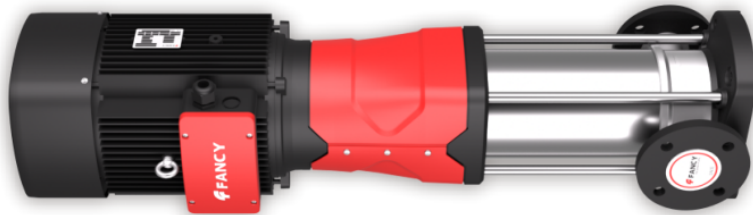
CDMF32, 42, 65

**Physical picture**  
**CDMF42-6**

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**Order Data**  
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<b>Item NO</b>	

Pump model                    CDMF42-6  
Part NO.                        CDM42-6  
Product price  
Quantity                        1  
Total price

