

CQF4

Технические характеристики

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Magnetic Drive Plastic Pump PP/PVDF Chemical Pump

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Character:

1. Good Corrosion resistant, high mechanical robustness, non-ageing and non-toxin analytical
2. None-metal distance sleeve, no eddy losing
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth which will increase the efficiency of the pump

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)	
	(m³/h)	(L/S)						
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100	
CQF ₄ 25-20-160			32		1.1	-		
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-		
CQF ₄ 32-25-160			32		1.5	-		
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0		
CQF ₄ 0-25-160			32		3			
CQF ₄ 0-32-200			50		4			
CQF ₄ 40-32-250			80		7.5			
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5		
CQF ₄ 50-32-160			32		4			
CQF ₄ 50-32-200			50		7.5			
CQF ₄ 50-32-250			80		11			
CQF ₄ 65-50-125	25	6.9	20		4	4.0		
CQF ₄ 65-50-160			32		7.5			
CQF ₄ 65-40-200			50		11			
CQF ₄ 65-40-250			80		18.5			
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2		
CQF ₄ 80-65-160			32		11			
CQF ₄ 80-50-200			50		18.5			
CQF ₄ 80-50-250			80 [^]		30			
CQF ₄ 100-80-125	70	17.5	22		2900	15		4.5
	100	27.7	20					
	120	30	20					
CQFJ 00-80-160	70	17.5	34			18.5		5
	WO	27: ^	32					
	120	30	30					
CQFJ 00-80-180	60	15	42			30		5
	100	27.7	40					
	120	30	35					
CQFJ 00-65-200	70	17.5	52	30		4.5		
	100	27.7	50					
	120	30	46					
CQFJ 25-100-160	80	20	22	30	6			
	120	30	20					
	140	46.7	15					
CQFJ 25-100-200	100	27.7	40	37	6			
	120	30	37					
	150	37.5	32					

注：表中电机功率均按输送介质比重<1300kg/m³配套。

Note: The power in the table is according to the medium's S-G<1300kg/m³



Strong Corrosive Resistant Magnetic Water Methyl Alcohol Pump

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

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Character:

1. Good Corrosion resistant, high mechanical robustness, non-ageing and non-toxin analytical
2. None-metal distance sleeve, no eddy losing
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth which will increase the efficiency of the pump

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)	
	(m³/h)	(L/S)						
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100	
CQF ₄ 25-20-160			32		1.1	-		
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-		
CQF ₄ 32-25-160			32		1.5	-		
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0		
CQF ₀ 25-160			32		3			
CQF ₀ 32-200			50		4			
CQF ₄ 40-32-250			80		7.5			
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5		
CQF ₄ 50-32-160			32		4			
CQF ₄ 50-32-200			50		7.5			
CQF ₄ 50-32-250			80		11			
CQF ₄ 65-50-125	25	6.9	20		4	4.0		
CQF ₄ 65-50-160			32		7.5			
CQF ₄ 65-40-200			50		11			
CQF ₄ 65-40-250			80		18.5			
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2		
CQF ₄ 80-65-160			32		11			
CQF ₄ 80-50-200			50		18.5			
CQF ₄ 80-50-250			80 [^]		30			
CQF ₄ 100-80-125	70	17.5	22		2900	15		4.5
	100	27.7	20					
	120	30	20					
CQFJ 00-80-160	70	17.5	34			18.5		5
	WO	27: ^	32					
	120	30	30					
CQFJ 00-80-180	60	15	42			30		5
	100	27.7	40					
	120	30	35					
CQFJ 00-65-200	70	17.5	52	30		4.5		
	100	27.7	50					
	120	30	46					
CQFJ 25-100-160	80	20	22	30	6			
	120	30	20					
	140	46.7	15					
CQFJ 25-100-200	100	27.7	40	37	6			
	120	30	37					
	150	37.5	32					

注：表中电机功率均按输送介质比重<1300kg/m³配套。

Note: The power in the table is according to the medium's S-G<1300kg/m³



Chemical Sulfuric Acid Resistant Liquid Centrifugal Pumps

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

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Character:

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3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth which will increase the efficiency of the pump

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)	
	(m³/h)	(L/S)						
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100	
CQF ₄ 25-20-160			32		1.1	-		
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-		
CQF ₄ 32-25-160			32		1.5	-		
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0		
CQF ₄ 0-25-160			32		3			
CQF ₄ 0-32-200			50		4			
CQF ₄ 40-32-250			80		7.5			
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5		
CQF ₄ 50-32-160			32		4			
CQF ₄ 50-32-200			50		7.5			
CQF ₄ 50-32-250			80		11			
CQF ₄ 65-50-125	25	6.9	20		4	4.0		
CQF ₄ 65-50-160			32		7.5			
CQF ₄ 65-40-200			50		11			
CQF ₄ 65-40-250			80		18.5			
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2		
CQF ₄ 80-65-160			32		11			
CQF ₄ 80-50-200			50		18.5			
CQF ₄ 80-50-250			80 [^]		30			
CQF ₄ 100-80-125	70	17.5	22		2900	15		4.5
	100	27.7	20					
	120	30	20					
CQFJ 00-80-160	70	17.5	34			18.5		5
	WO	27: ^	32					
	120	30	30					
CQFJ 00-80-180	60	15	42			30		5
	100	27.7	40					
	120	30	35					
CQFJ 00-65-200	70	17.5	52	30		4.5		
	100	27.7	50					
	120	30	46					
CQFJ 25-100-160	80	20	22	30	6			
	120	30	20					
	140	46.7	15					
CQFJ 25-100-200	100	27.7	40	37	6			
	120	30	37					
	150	37.5	32					

注：表中电机功率均按输送介质比重<1300kg/m³配套。

Note: The power in the table is according to the medium's S-G<1300kg/m³



Lined Chemical Process Pump for Highly Corrosive Acid Chemical Pump Centrifugal Pump Industria Pump

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

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PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)	
	(m³/h)	(L/S)						
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100	
CQF ₄ 25-20-160			32		1.1	-		
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-		
CQF ₄ 32-25-160			32		1.5	-		
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0		
CQF ₄ 0-25-160			32		3			
CQF ₄ 0-32-200			50		4			
CQF ₄ 40-32-250			80		7.5			
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5		
CQF ₄ 50-32-160			32		4			
CQF ₄ 50-32-200			50		7.5			
CQF ₄ 50-32-250			80		11			
CQF ₄ 65-50-125	25	6.9	20		4	4.0		
CQF ₄ 65-50-160			32		7.5			
CQF ₄ 65-40-200			50		11			
CQF ₄ 65-40-250			80		18.5			
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2		
CQF ₄ 80-65-160			32		11			
CQF ₄ 80-50-200			50		18.5			
CQF ₄ 80-50-250			80 [^]		30			
CQF ₄ 100-80-125	70	17.5	22		2900	15		4.5
	100	27.7	20					
	120	30	20					
CQFJ 00-80-160	70	17.5	34			18.5		5
	WO	27: ^	32					
	120	30	30					
CQFJ 00-80-180	60	15	42			30		5
	100	27.7	40					
	120	30	35					
CQFJ 00-65-200	70	17.5	52	30		4.5		
	100	27.7	50					
	120	30	46					
CQFJ 25-100-160	80	20	22	30	6			
	120	30	20					
	140	46.7	15					
CQFJ 25-100-200	100	27.7	40	37	6			
	120	30	37					
	150	37.5	32					

注：表中电机功率均按输送介质比重<1300kg/m³配套。

Note: The power in the table is according to the medium's S-G<1300kg/m³



Fluorine Plastic Lined Magnetic Pump Sulfuric Acid Feeding Pumps

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

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PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)	
	(m³/h)	(L/S)						
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CQF ₄ 25-20-160			32		1.1	-		
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-		
CQF ₄ 32-25-160			32		1.5	-		
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0		
CQF ₀ 25-160			32		3			
CQF ₀ 32-200			50		4			
CQF ₄ 40-32-250			80		7.5			
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5		
CQF ₄ 50-32-160			32		4			
CQF ₄ 50-32-200			50		7.5			
CQF ₄ 50-32-250			80		11			
CQF ₄ 65-50-125	25	6.9	20		4	4.0		
CQF ₄ 65-50-160			32		7.5			
CQF ₄ 65-40-200			50		11			
CQF ₄ 65-40-250			80		18.5			
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2		
CQF ₄ 80-65-160			32		11			
CQF ₄ 80-50-200			50		18.5			
CQF ₄ 80-50-250			80 [^]		30			
CQF ₄ 100-80-125	70	17.5	22		2900	15		4.5
	100	27.7	20					
	120	30	20					
CQFJ 00-80-160	70	17.5	34			18.5		5
	WO	27: ^	32					
	120	30	30					
CQFJ 00-80-180	60	15	42			30		5
	100	27.7	40					
	120	30	35					
CQFJ 00-65-200	70	17.5	52	30		4.5		
	100	27.7	50					
	120	30	46					
CQFJ 25-100-160	80	20	22	30	6			
	120	30	20					
	140	46.7	15					
CQFJ 25-100-200	100	27.7	40	37	6			
	120	30	37					
	150	37.5	32					

注：表中电机功率均按输送介质比重<1300kg/m³配套。

Note: The power in the table is according to the medium's S-G<1300kg/m³



Fluoroplastic Magnetic Drive Pump Weak Sulphuric solution Transfer Pump

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

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PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)	
	(m³/h)	(L/S)						
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CQF ₄ 0-25-160			32		3			
CQF ₄ 0-32-200			50		4			
CQF ₄ 40-32-250			80		7.5			
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5		
CQF ₄ 50-32-160			32		4			
CQF ₄ 50-32-200			50		7.5			
CQF ₄ 50-32-250			80		11			
CQF ₄ 65-50-125	25	6.9	20		4	4.0		
CQF ₄ 65-50-160			32		7.5			
CQF ₄ 65-40-200			50		11			
CQF ₄ 65-40-250			80		18.5			
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2		
CQF ₄ 80-65-160			32		11			
CQF ₄ 80-50-200			50		18.5			
CQF ₄ 80-50-250			80 [^]		30			
CQF ₄ 100-80-125	70	17.5	22		2900	15		4.5
	100	27.7	20					
	120	30	20					
CQFJ 00-80-160	70	17.5	34			18.5		5
	WO	27: ^	32					
	120	30	30					
CQFJ 00-80-180	60	15	42			30		5
	100	27.7	40					
	120	30	35					
CQFJ 00-65-200	70	17.5	52	30		4.5		
	100	27.7	50					
	120	30	46					
CQFJ 25-100-160	80	20	22	30	6			
	120	30	20					
	140	46.7	15					
CQFJ 25-100-200	100	27.7	40	37	6			
	120	30	37					
	150	37.5	32					

注：表中电机功率均按输送介质比重<1300kg/m³配套。

Note: The power in the table is according to the medium's S-G<1300kg/m³



Strong Corrosive Resistant Magnetic Water Methyl Alcohol Pumps

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型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)
	(m³/h)	(L/S)					
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100
CQF ₄ 25-20-160			32		1.1	-	
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-	
CQF ₄ 32-25-160			32		1.5	-	
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0	
CQF ₄ 0-25-160			32		3		
CQF ₄ 0-32-200			50		4		
CQF ₄ 40-32-250			80		7.5		
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5	
CQF ₄ 50-32-160			32		4		
CQF ₄ 50-32-200			50		7.5		
CQF ₄ 50-32-250			80		11		
CQF ₄ 65-50-125	25	6.9	20		4	4.0	
CQF ₄ 65-50-160			32		7.5		
CQF ₄ 65-40-200			50		11		
CQF ₄ 65-40-250			80		18.5		
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2	
CQF ₄ 80-65-160			32		11		
CQF ₄ 80-50-200			50		18.5		
CQF ₄ 80-50-250			80 [^]		30		
CQF ₄ 100-80-125	70	17.5	22		15	4.5	
	100	27.7	20				
	120	蹕					
CQFJ 00-80-160	70	17.5	34		18.5	5	
	WO	27: ^	32				
	120	30	30				
CQFJ 00-80-180	60	15	42	30	5		
	100	27.7	40				
	120	30	35				
CQFJ 00-65-200	70	17.5	52	30	4.5		
	100	27.7	50				
	120	30	46				
CQFJ 25-100-160	80	20	22	30	6		
	120	30	20				
	140	46.7	15				
CQFJ 25-100-200	100	27.7	40	37	6		
	120	30	37				
	150	37.5	32				

注：表中电机功率均按输送介质比重<1300kg/m³配套。
 Note:The power in the table is according to the medium's S-G<1300kg/m\



PTFE Lined Closed-Coupled Magnetic Drive Pumps

Product Description:

CQF4 Fluoroplastic Alloy Magnetic Pumps use nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

Character:

1. Good Corrosion resistant, high mechanical robustness, non-ageing and non-toxic analytical

2. Non-metal distance sleeve, no eddy loss
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth, increase the efficiency of the pump

Typical Uses:

The wearing part of CQF4 series pump is fluoroplastic, the pump can be used to transfer not only water, but also corrosive medium, expensive liquid or the other physical and chemical medium. The medium temperature should be within -120°C to 350°C. This product is widely apply to:

Chemical Industry	Petroleum Industry	Pharmaceutical Industry
Biological Industry	Nuclear Power Plant	Nonferrous Metal
Food Industry	Automotive Industry	Municipal Water Supply

GENERAL

CQF₄型氟塑料衬里磁力泵过流部件采用当今优秀的耐腐蚀材料_氟塑料合金，以其超强耐腐蚀性，能确保在密封状态下对绝大多数强酸强碱和有机溶剂等化学流体的安全输送。

The wearing part for CQF₄ Fluoroplastic alloy magnetic pump is adopt fluoroplastic alloy , it has have very strong corrosion resistance to ensure safely transfer most chemical liquid.

CHARACTER

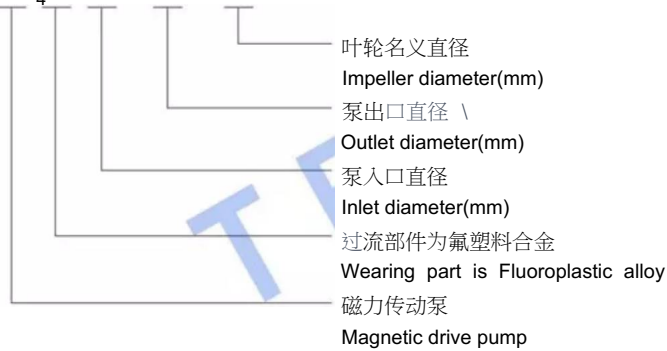
- ★耐腐蚀性能好，机械强度高，不老化，无毒素分解；
- ★非金属隔离套，没有涡流损失；
- ★所有过流部件模压成型，流道光滑，大大提高了泵的效率。

1. Good corrosion resistance, high mechanical robustness, non ageing and non-toxin analytical;
2. Non-metal distance sleeve, no eddy losing;
3. All wearing part is injection moulding, so the flow passage is very smooth, increase the efficiency of the pump.

MEANING OF THE MODEL

例：CQ F₄ 50-32-160

EX:

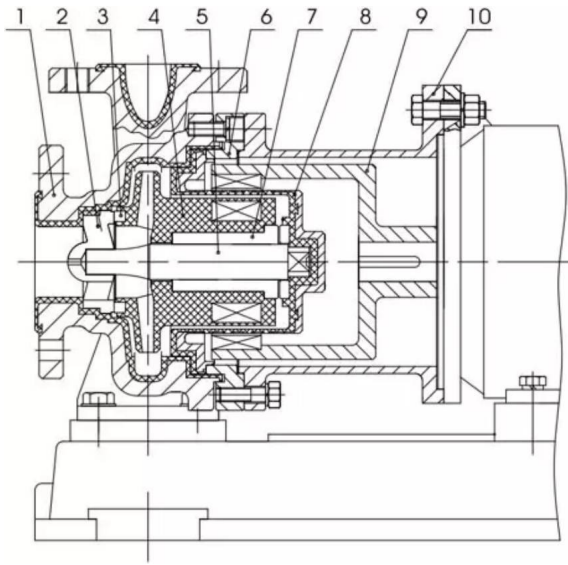


OPERATION PARAMETER

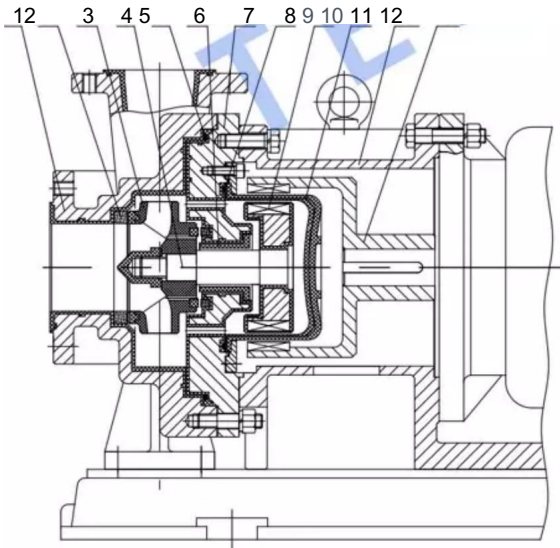
口径: DN25 ~ DN125mm
流量: 1.6 ~ 200m³/h
扬程: 12.5 ~ 80m
转速: 2900r/min; 1450r/min
工作温度: ^ 100°C
粘度: ^ 100mm²/s
压力: ≥ 1.0Mpa
电机功率: 0.75 ~ 75kW

Caliber: DN25 ~ DN125mm
Capacity: 1.6 ~ 200m³/h
Head: 12.5 ~ 80m
Rotate speed: 2900r/min; 1450r/min
Work temperature: ^ 100°C
Viscosity: ≥ 100mm²/s
Pressure: ≥ 1.0Mpa
Motor power: 0.75 ~ 75kW

SKETCH MAP OF STRUCTURE



- 01 栗体 Casing
- 02轴座 Shaft seat
- 03 口环 Mouth ring
- 04叶轮内磁总成 Impeller & Inner magnetic part
- 05泵轴 Shaft
- 06后盖Back
- 07滑动轴承 Slide bearing
- 08隔离套 Insulate sheath
- 09外磁总成 Outer magnetic part
- 10联接架 Connect frame



- 01 栗体 Casing
- 02 口环 Mouth ring
- 03叶轮 Impeller
- 04泵轴 Shaft
- 05栗体密封圈Seal ring
- 06滑动轴承 Slide bearing
- 07栗盖 Pump cover
- 08隔离套密封圈Seal ring
- 09内磁总成 Inner magnetic part
- 10隔离套 Insulate sheath
- 11 联接架 Connect frame
- 12外磁总成 Outer magnetic part

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)
	(m³/h)	(L/S)					
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100
CQF ₄ 25-20-160			32		1.1	-	
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-	
CQF ₄ 32-25-160			32		1.5	-	
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0	
CQF ₄ 0-25-160			32		3		
CQF ₄ 0-32-200			50		4		
CQF ₄ 40-32-250			80		7.5		
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5	
CQF ₄ 50-32-160			32		4		
CQF ₄ 50-32-200			50		7.5		
CQF ₄ 50-32-250			80		11		
CQF ₄ 65-50-125	25	6.9	20		4	4.0	
CQF ₄ 65-50-160			32		7.5		
CQF ₄ 65-40-200			50		11		
CQF ₄ 65-40-250			80		18.5		
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2	
CQF ₄ 80-65-160			32		11		
CQF ₄ 80-50-200			50		18.5		
CQF ₄ 80-50-250			80 [^]		30		
CQF ₄ 100-80-125	70	17.5	22		15	4.5	
	100	27.7	20				
	120	蹕					
CQFJ 00-80-160	70	17.5	34		18.5	5	
	WO	27: ^	32				
	120	30	30				
CQFJ 00-80-180	60	15	42		30	5	
	100	27.7	40				
	120	30	35				
CQFJ 00-65-200	70	17.5	52	30	4.5		
	100	27.7	50				
	120	30	46				
CQFJ 25-100-160	80	20	22	30	6		
	120	30	20				
	140	46.7	15				
CQFJ 25-100-200	100	27.7	40	37	6		
	120	30	37				
	150	37.5	32				

注：表中电机功率均按输送介质比重<1300kg/m³配套。
 Note:The power in the table is according to the medium's S-G<1300kg/m\



Strong Alkali Non-Metallic Magnetic Pumps

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Character:

1. Good Corrosion resistant, high mechanical robustness, non-ageing and non-toxin analytical
2. None-metal distance sleeve, no eddy losing
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth which will increase the efficiency of the pump

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)
	(m³/h)	(L/S)					
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100
CQF ₄ 25-20-160			32		1.1	-	
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-	
CQF ₄ 32-25-160			32		1.5	-	
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0	
CQF ₄ 0-25-160			32		3		
CQF ₄ 0-32-200			50		4		
CQF ₄ 40-32-250			80		7.5		
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5	
CQF ₄ 50-32-160			32		4		
CQF ₄ 50-32-200			50		7.5		
CQF ₄ 50-32-250			80		11		
CQF ₄ 65-50-125	25	6.9	20		4	4.0	
CQF ₄ 65-50-160			32		7.5		
CQF ₄ 65-40-200			50		11		
CQF ₄ 65-40-250			80		18.5		
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2	
CQF ₄ 80-65-160			32		11		
CQF ₄ 80-50-200			50		18.5		
CQF ₄ 80-50-250			80 [^]		30		
CQF ₄ 100-80-125	70	17.5	22		15	4.5	
	100	27.7	20				
	120	蹕					
CQFJ 00-80-160	70	17.5	34		18.5	5	
	WO	27: ^	32				
	120	30	30				
CQFJ 00-80-180	60	15	42		30	5	
	100	27.7	40				
	120	30	35				
CQFJ 00-65-200	70	17.5	52	30	4.5		
	100	27.7	50				
	120	30	46				
CQFJ 25-100-160	80	20	22	30	6		
	120	30	20				
	140	46.7	15				
CQFJ 25-100-200	100	27.7	40	37	6		
	120	30	37				
	150	37.5	32				

注：表中电机功率均按输送介质比重<1300kg/m³配套。
 Note:The power in the table is according to the medium's S-G<1300kg/m\



Hydrochloric Acid Electric Magnetic Drive Pumps

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Character:

1. Good Corrosion resistant, high mechanical robustness, non-ageing and non-toxin analytical
2. None-metal distance sleeve, no eddy losing
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth which will increase the efficiency of the pump

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)	
	(m³/h)	(L/S)						
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100	
CQF ₄ 25-20-160			32		1.1	-		
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-		
CQF ₄ 32-25-160			32		1.5	-		
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0		
CQF ₄ 0-25-160			32		3			
CQF ₄ 0-32-200			50		4			
CQF ₄ 40-32-250			80		7.5			
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5		
CQF ₄ 50-32-160			32		4			
CQF ₄ 50-32-200			50		7.5			
CQF ₄ 50-32-250			80		11			
CQF ₄ 65-50-125	25	6.9	20		4	4.0		
CQF ₄ 65-50-160			32		7.5			
CQF ₄ 65-40-200			50		11			
CQF ₄ 65-40-250			80		18.5			
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2		
CQF ₄ 80-65-160			32		11			
CQF ₄ 80-50-200			50		18.5			
CQF ₄ 80-50-250			80 [^]		30			
CQF ₄ 100-80-125	70	17.5	22		2900	15		4.5
	100	27.7	20					
	120	30	20					
CQFJ 00-80-160	70	17.5	34			18.5		5
	WO	27: ^	32					
	120	30	30					
CQFJ 00-80-180	60	15	42			30		5
	100	27.7	40					
	120	30	35					
CQFJ 00-65-200	70	17.5	52	30		4.5		
	100	27.7	50					
	120	30	46					
CQFJ 25-100-160	80	20	22	30	6			
	120	30	20					
	140	46.7	15					
CQFJ 25-100-200	100	27.7	40	37	6			
	120	30	37					
	150	37.5	32					

注：表中电机功率均按输送介质比重<1300kg/m³配套。
 Note:The power in the table is according to the medium's S-G<1300kg/m\



Fluorine-Lined Plastic Magdrive Pump

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Character:

1. Good Corrosion resistant, high mechanical robustness, non-ageing and non-toxin analytical
2. None-metal distance sleeve, no eddy losing
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth which will increase the efficiency of the pump

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)
	(m³/h)	(L/S)					
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100
CQF ₄ 25-20-160			32		1.1	-	
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-	
CQF ₄ 32-25-160			32		1.5	-	
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0	
CQF ₄ 0-25-160			32		3		
CQF ₄ 0-32-200			50		4		
CQF ₄ 40-32-250			80		7.5		
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5	
CQF ₄ 50-32-160			32		4		
CQF ₄ 50-32-200			50		7.5		
CQF ₄ 50-32-250			80		11		
CQF ₄ 65-50-125	25	6.9	20		4	4.0	
CQF ₄ 65-50-160			32		7.5		
CQF ₄ 65-40-200			50		11		
CQF ₄ 65-40-250			80		18.5		
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2	
CQF ₄ 80-65-160			32		11		
CQF ₄ 80-50-200			50		18.5		
CQF ₄ 80-50-250			80 [^]		30		
CQF ₄ 100-80-125	70	17.5	22		15	4.5	
	100	27.7	20				
	120	蹕					
CQFJ 00-80-160	70	17.5	34		18.5	5	
	WO	27: ^	32				
	120	30	30				
CQFJ 00-80-180	60	15	42		30	5	
	100	27.7	40				
	120	30	35				
CQFJ 00-65-200	70	17.5	52	30	4.5		
	100	27.7	50				
	120	30	46				
CQFJ 25-100-160	80	20	22	30	6		
	120	30	20				
	140	46.7	15				
CQFJ 25-100-200	100	27.7	40	37	6		
	120	30	37				
	150	37.5	32				

注：表中电机功率均按输送介质比重<1300kg/m³配套。
 Note:The power in the table is according to the medium's S-G<1300kg/m\



Mixed Acid Solution Fluoroplastic Magnetic Drive Pump

Product Description:

CQF4 Fluoroplastic Alloy Magnetic Pumps use nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow componets. Since the strong corrosion resistantjt can ensure the majority of strong acid,alkali,organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

Character:

1. Good Corrosion resistant,high mechanical robustness,non₂ageing and non-toxin analytical

2. Non-metal distance sleeve, no eddy losing
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth, increase the efficiency of the pump

Typical Uses:

The wearing part of CQF4 series pump is fluoroplastic, the pump can be used to transfer not only water, but also corrosive medium, expensive liquid or the other physical and chemical medium. The medium temperature should be within -120°C to 350°C. This product is widely apply to:

Chemical Industry	Petroleum Industry	Pharmaceutical Industry
Biological Industry	Nuclear Power Plant	Nonferrous Metal
Food Industry	Automotive Industry	Municipal Water Supply

GENERAL

CQF₄型氟塑料衬里磁力泵过流部件采用当今优秀的耐腐蚀材料_氟塑料合金，以其超强耐腐蚀性，能确保在密封状态下对绝大多数强酸强碱和有机溶剂等化学流体的安全输送。

The wearing part for CQF₄ Fluoroplastic alloy magnetic pump is adopt fluoroplastic alloy , it has have very strong corrosion resistance to ensure safely transfer most chemical liquid.

CHARACTER

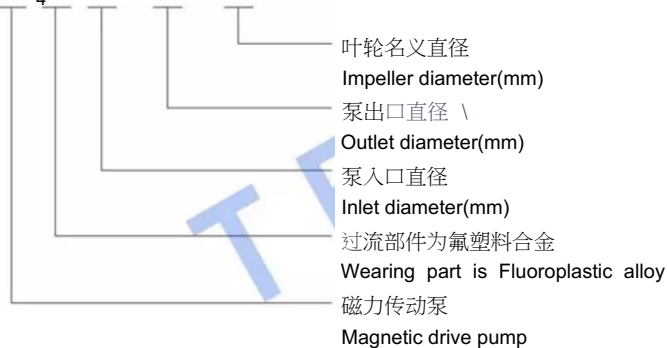
- ★耐腐蚀性能好，机械强度高，不老化，无毒素分解；
- ★非金属隔离套，没有涡流损失；
- ★所有过流部件模压成型，流道光滑，大大提高了泵的效率。

1. Good corrosion resistance, high mechanical robustness, non ageing and non-toxin analytical;
2. Non-metal distance sleeve, no eddy losing;
3. All wearing part is injection moulding, so the flow passage is very smooth, increase the efficiency of the pump.

MEANING OF THE MODEL

例：CQ F₄ 50-32-160

EX:

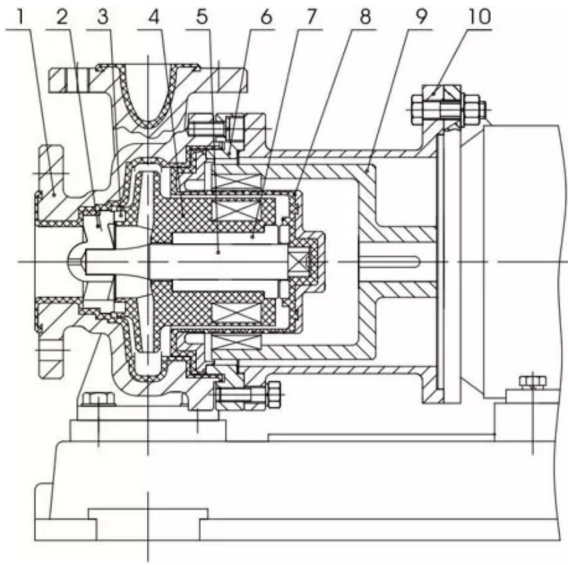


OPERATION PARAMETER

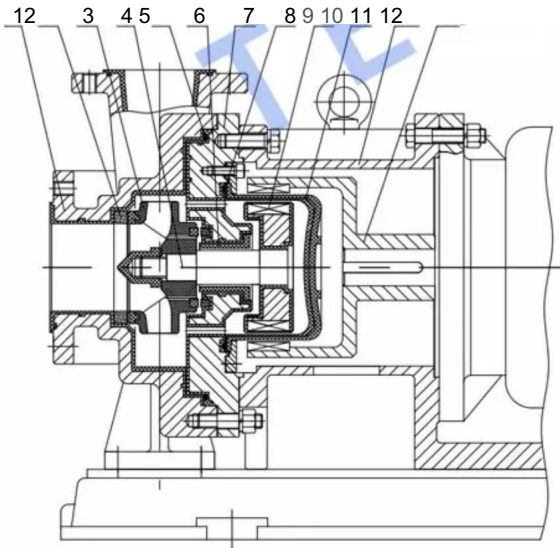
口径: DN25 ~ DN125mm
流量: 1.6 ~ 200m³/h
扬程: 12.5 ~ 80m
转速: 2900r/min; 1450r/min
工作温度: ^ 100°C
粘度: ^ 100mm²/s
压力: ≥ 1.0Mpa
电机功率: 0.75 ~ 75kW

Caliber: DN25 ~ DN125mm
Capacity: 1.6 ~ 200m³/h
Head: 12.5 ~ 80m
Rotate speed: 2900r/min; 1450r/min
Work temperature: ^ 100°C
Viscosity: ≥ 100mm²/s
Pressure: ≥ 1.0Mpa
Motor power: 0.75 ~ 75kW

SKETCH MAP OF STRUCTURE



- 01 栗体 Casing
- 02轴座 Shaft seat
- 03 口环 Mouth ring
- 04叶轮内磁总成 Impeller & Inner magnetic part
- 05泵轴 Shaft
- 06后盖Back
- 07滑动轴承 Slide bearing
- 08隔离套 Insulate sheath
- 09外磁总成 Outer magnetic part
- 10联接架 Connect frame



- 01 栗体 Casing
- 02 口环 Mouth ring
- 03叶轮 Impeller
- 04泵轴 Shaft
- 05栗体密封圈Seal ring
- 06滑动轴承 Slide bearing
- 07栗盖 Pump cover
- 08隔离套密封圈Seal ring
- 09内磁总成 Inner magnetic part
- 10隔离套 Insulate sheath
- 11 联接架 Connect frame
- 12外磁总成 Outer magnetic part

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (°C)
	(m³/h)	(L/S)					
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100
CQF ₄ 25-20-160			32		1.1	-	
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-	
CQF ₄ 32-25-160			32		1.5	-	
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0	
CQF ₄ 0-25-160			32		3		
CQF ₄ 0-32-200			50		4		
CQF ₄ 40-32-250			80		7.5		
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5	
CQF ₄ 50-32-160			32		4		
CQF ₄ 50-32-200			50		7.5		
CQF ₄ 50-32-250			80		11		
CQF ₄ 65-50-125	25	6.9	20		4	4.0	
CQF ₄ 65-50-160			32		7.5		
CQF ₄ 65-40-200			50		11		
CQF ₄ 65-40-250			80		18.5		
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2	
CQF ₄ 80-65-160			32		11		
CQF ₄ 80-50-200			50		18.5		
CQF ₄ 80-50-250			80 [^]		30		
CQF ₄ 100-80-125	70	17.5	22		15	4.5	
	100	27.7	20				
	120	30	20				
CQFJ 00-80-160	70	17.5	34		18.5	5	
	WO	27: ^	32				
	120	30	30				
CQFJ 00-80-180	60	15	42		30	5	
	100	27.7	40				
	120	30	35				
CQFJ 00-65-200	70	17.5	52	30	4.5		
	100	27.7	50				
	120	30	46				
CQFJ 25-100-160	80	20	22	30	6		
	120	30	20				
	140	46.7	15				
CQFJ 25-100-200	100	27.7	40	37	6		
	120	30	37				
	150	37.5	32				

注：表中电机功率均按输送介质比重<1300kg/m³配套。
 Note: The power in the table is according to the medium's S-G<1300kg/m³



Non Leakage PP/PVDF/FEP/PFA Chemical Transferring Magdrive Pumps

Product Description:

CQF4 Fluoroplastic Alloy Magnetic Pumps use nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow componets. Since the strong corrosion resistantjt can ensure the majority of strong acid,alkali,organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

Character:

1. Good Corrosion resistant,high mechanical robustness,non₂ageing and non-toxin analytical

2. Non-metal distance sleeve, no eddy losing
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth, increase the efficiency of the pump

Typical Uses:

The wearing part of CQF4 series pump is fluoroplastic, the pump can be used to transfer not only water, but also corrosive medium, expensive liquid or the other physical and chemical medium. The medium temperature should be within -120°C to 350°C. This product is widely apply to:

Chemical Industry	Petroleum Industry	Pharmaceutical Industry
Biological Industry	Nuclear Power Plant	Nonferrous Metal
Food Industry	Automotive Industry	Municipal Water Supply

GENERAL

CQF₄型氟塑料衬里磁力泵过流部件采用当今优秀的耐腐蚀材料_氟塑料合金，以其超强耐腐蚀性，能确保在密封状态下对绝大多数强酸强碱和有机溶剂等化学流体的安全输送。

The wearing part for CQF₄ Fluoroplastic alloy magnetic pump is adopt fluoroplastic alloy , it has have very strong corrosion resistance to ensure safely transfer most chemical liquid.

CHARACTER

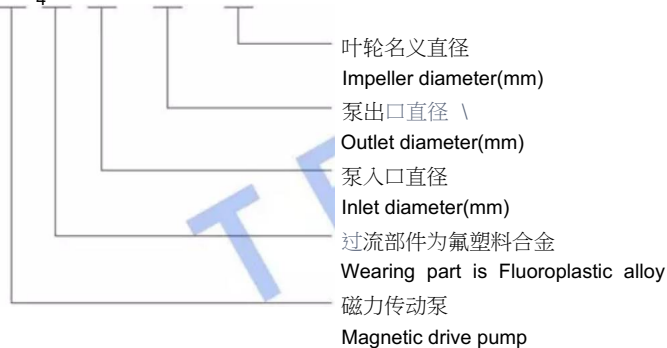
- ★耐腐蚀性能好，机械强度高，不老化，无毒素分解；
- ★非金属隔离套，没有涡流损失；
- ★所有过流部件模压成型，流道光滑，大大提高了泵的效率。

1. Good corrosion resistance, high mechanical robustness, non ageing and non-toxin analytical;
2. Non-metal distance sleeve, no eddy losing;
3. All wearing part is injection moulding, so the flow passage is very smooth, increase the efficiency of the pump.

MEANING OF THE MODEL

例：CQ F₄ 50-32-160

EX:

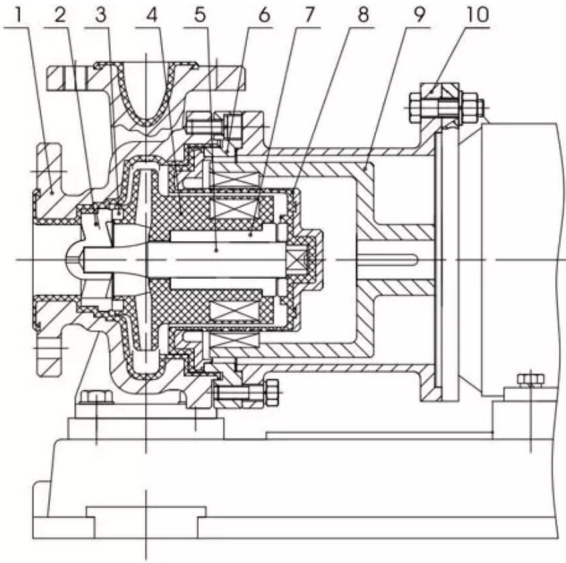


OPERATION PARAMETER

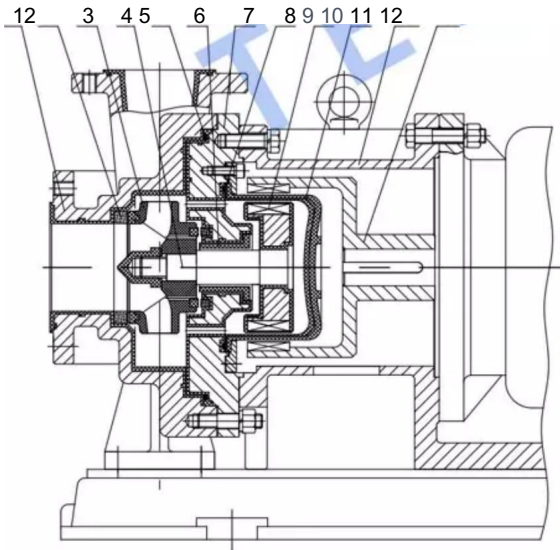
口径: DN25 ~ DN125mm
流量: 1.6 ~ 200m³/h
扬程: 12.5 ~ 80m
转速: 2900r/min; 1450r/min
工作温度: ^100C
粘度: ^100mm²/s
压力: 多 1.0Mpa
电机功率: 0.75 ~ 75kW

Caliber: DN25 ~ DN125mm
Capacity: 1.6 ~ 200m³/h
Head: 12.5 ~ 80m
Rotate speed: 2900r/min; 1450r/min
Work temperature: ^ 100°C
Viscosity: 多 100mm²/s
Pressure: 多 1.0Mpa
Motor power: 0.75 ~ 75kW

SKETCH MAP OF STRUCTURE



- 01 栗体 Casing
- 02轴座 Shaft seat
- 03 口环 Mouth ring
- 04叶轮内磁总成 Impeller & Inner magnetic part
- 05泵轴 Shaft
- 06后盖Back
- 07滑动轴承 Slide bearing
- 08隔离套 Insulate sheath
- 09外磁总成 Outer magnetic part
- 10联接架 Connect frame



- 01 栗体 Casing
- 02 口环 Mouth ring
- 03叶轮 Impeller
- 04泵轴 Shaft
- 05栗体密封圈Seal ring
- 06滑动轴承 Slide bearing
- 07栗盖 Pump cover
- 08隔离套密封圈Seal ring
- 09内磁总成 Inner magnetic part
- 10隔离套 Insulate sheath
- 11 联接架 Connect frame
- 12外磁总成 Outer magnetic part

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)
	(m³/h)	(L/S)					
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100
CQF ₄ 25-20-160			32		1.1	-	
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-	
CQF ₄ 32-25-160			32		1.5	-	
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0	
CQF ₄ 0-25-160			32		3		
CQF ₄ 0-32-200			50		4		
CQF ₄ 40-32-250			80		7.5		
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5	
CQF ₄ 50-32-160			32		4		
CQF ₄ 50-32-200			50		7.5		
CQF ₄ 50-32-250			80		11		
CQF ₄ 65-50-125	25	6.9	20		4	4.0	
CQF ₄ 65-50-160			32		7.5		
CQF ₄ 65-40-200			50		11		
CQF ₄ 65-40-250			80		18.5		
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2	
CQF ₄ 80-65-160			32		11		
CQF ₄ 80-50-200			50		18.5		
CQF ₄ 80-50-250			80 [^]		30		
CQF ₄ 100-80-125	70	17.5	22		15	4.5	
	100	27.7	20				
	120	30	20				
CQFJ 00-80-160	70	17.5	34		18.5	5	
	WO	27: ^	32				
	120	30	30				
CQFJ 00-80-180	60	15	42		30	5	
	100	27.7	40				
	120	30	35				
CQFJ 00-65-200	70	17.5	52	30	4.5		
	100	27.7	50				
	120	30	46				
CQFJ 25-100-160	80	20	22	30	6		
	120	30	20				
	140	46.7	15				
CQFJ 25-100-200	100	27.7	40	37	6		
	120	30	37				
	150	37.5	32				

注：表中电机功率均按输送介质比重<1300kg/m³配套。
 Note:The power in the table is according to the medium's S-G<1300kg/m\



Resistance to Acid and Alkali Pump 98% Sulfuric Acid Resistant Pumps

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Character:

1. Good Corrosion resistant, high mechanical robustness, non-ageing and non-toxin analytical
2. None-metal distance sleeve, no eddy losing
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth which will increase the efficiency of the pump

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)
	(m³/h)	(L/S)					
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100
CQF ₄ 25-20-160			32		1.1	-	
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-	
CQF ₄ 32-25-160			32		1.5	-	
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0	
CQF ₄ 0-25-160			32		3		
CQF ₄ 0-32-200			50		4		
CQF ₄ 40-32-250			80		7.5		
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5	
CQF ₄ 50-32-160			32		4		
CQF ₄ 50-32-200			50		7.5		
CQF ₄ 50-32-250			80		11		
CQF ₄ 65-50-125	25	6.9	20		4	4.0	
CQF ₄ 65-50-160			32		7.5		
CQF ₄ 65-40-200			50		11		
CQF ₄ 65-40-250			80		18.5		
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2	
CQF ₄ 80-65-160			32		11		
CQF ₄ 80-50-200			50		18.5		
CQF ₄ 80-50-250			80 [^]		30		
CQF ₄ 100-80-125	70	17.5	22		15	4.5	
	100	27.7	20				
	120	30	20				
CQFJ 00-80-160	70	17.5	34		18.5	5	
	WO	27: ^	32				
	120	30	30				
CQFJ 00-80-180	60	15	42		30	5	
	100	27.7	40				
	120	30	35				
CQFJ 00-65-200	70	17.5	52	30	4.5		
	100	27.7	50				
	120	30	46				
CQFJ 25-100-160	80	20	22	30	6		
	120	30	20				
	140	46.7	15				
CQFJ 25-100-200	100	27.7	40	37	6		
	120	30	37				
	150	37.5	32				

注：表中电机功率均按输送介质比重<1300kg/m³配套。

Note: The power in the table is according to the medium's S-G<1300kg/m³



FluoroplastiC MagnetiC Drive Pump ACid MagnetiC Drive Pumps PTFE Lined MagnetiC Drive Pump PlastiC Lined Magdrive Pump

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays

excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

CQF4 Fluoroplastic Alloy Magnetic Pump using nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow components. Since the strong corrosion resistant, it can ensure

the majority of strong acid, alkali, organic solvents and other chemical fluids transport safely under the sealed condition.

Character:

1. Good Corrosion resistant, high mechanical robustness, non-ageing and non-toxin analytical
2. None-metal distance sleeve, no eddy losing
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4. All wearing part is injection moulding, so the flow passage is very smooth which will increase the efficiency of the pump

PERFORMANCE PARAMETER

型号 Model	流量 Capacity		扬程 Head (m)	转速 Rotate speed (r/min)	电机功率 Motor power (kW)	必需汽蚀余量 NPSHr (m)	使用温度 Temperature (rc)
	(m³/h)	(L/S)					
CQF ₄ 25-20-125	1.6	0.4	20	2900	0.75	-	<100
CQF ₄ 25-20-160			32		1.1	-	
CQF ₄ 32-25-125	3.2	0.8	20		0.75	-	
CQF ₄ 32-25-160			32		1.5	-	
CQF ₄ 40-25-125	6.3	1.8	20		1.5	3.0	
CQF ₄ 0-25-160			32		3		
CQF ₄ 0-32-200			50		4		
CQF ₄ 40-32-250			80		7.5		
CQF ₄ 50-32-125	12.5	3.5	20		3	3.5	
CQF ₄ 50-32-160			32		4		
CQF ₄ 50-32-200			50		7.5		
CQF ₄ 50-32-250			80		11		
CQF ₄ 65-50-125	25	6.9	20		4	4.0	
CQF ₄ 65-50-160			32		7.5		
CQF ₄ 65-40-200			50		11		
CQF ₄ 65-40-250			80		18.5		
CQF ₄ 80-65-125	50	13.8	20		5.5	4.2	
CQF ₄ 80-65-160			32		11		
CQF ₄ 80-50-200			50		18.5		
CQF ₄ 80-50-250			80 [^]		30		
CQF ₄ 100-80-125	70	17.5	22		15	4.5	
	100	27.7	20				
	120	30	20				
CQFJ 00-80-160	70	17.5	34		18.5	5	
	WO	27: ^	32				
	120	30	30				
CQFJ 00-80-180	60	15	42		30	5	
	100	27.7	40				
	120	30	35				
CQFJ 00-65-200	70	17.5	52	30	4.5		
	100	27.7	50				
	120	30	46				
CQFJ 25-100-160	80	20	22	30	6		
	120	30	20				
	140	46.7	15				
CQFJ 25-100-200	100	27.7	40	37	6		
	120	30	37				
	150	37.5	32				

注：表中电机功率均按输送介质比重<1300kg/m³配套。

Note: The power in the table is according to the medium's S-G<1300kg/m³



Fluoroplastic Alloy Liner Plastic Magnetic Drive Acid Transferring Pumps

Product Description:

CQF4 Fluoroplastic Alloy Magnetic Pumps use nowadays excellent corrosion resistant materials-fluoroplastic alloy for its flow componets. Since the strong corrosion resistantjt can ensure the majority of strong acid,alkali,organic solvents and other chemical fluids transport safely under the sealed condition.

Product Description

Character:

1. Good Corrosion resistant,high mechanical robustness,non_ageing and non-toxin analytical

2. Non-metal distance sleeve, no eddy losing
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. All wearing part is injection moulding, so the flow passage is very smooth, increase the efficiency of the pump

Typical Uses:

The wearing part of CQF4 series pump is fluoroplastic, the pump can be used to transfer not only water, but also corrosive medium, expensive liquid or the other physical and chemical medium. The medium temperature should be within -120°C to 350°C. This product is widely apply to:

Chemical Industry	Petroleum Industry	Pharmaceutical Industry
Biological Industry	Nuclear Power Plant	Nonferrous Metal
Food Industry	Automotive Industry	Municipal Water Supply

GENERAL

CQF₄型氟塑料衬里磁力泵过流部件采用当今优秀的耐腐蚀材料_氟塑料合金，以其超强耐腐蚀性，能确保在密封状态下对绝大多数强酸强碱和有机溶剂等化学流体的安全输送。

The wearing part for CQF₄ Fluoroplastic alloy magnetic pump is adopt fluoroplastic alloy , it has have very strong corrosion resistance to ensure safely transfer most chemical liquid.

CHARACTER

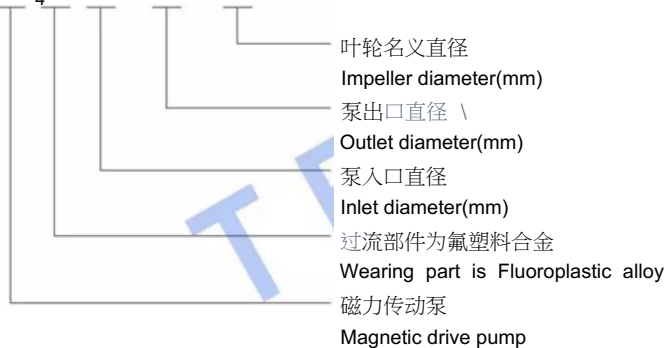
- ★耐腐蚀性能好，机械强度高，不老化，无毒素分解；
- ★非金属隔离套，没有涡流损失；
- ★所有过流部件模压成型，流道光滑，大大提高了泵的效率。

1. Good corrosion resistance, high mechanical robustness, non ageing and non-toxin analytical;
2. Non-metal distance sleeve, no eddy losing;
3. All wearing part is injection moulding, so the flow passage is very smooth, increase the efficiency of the pump.

MEANING OF THE MODEL

例：CQ F₄ 50-32-160

EX:

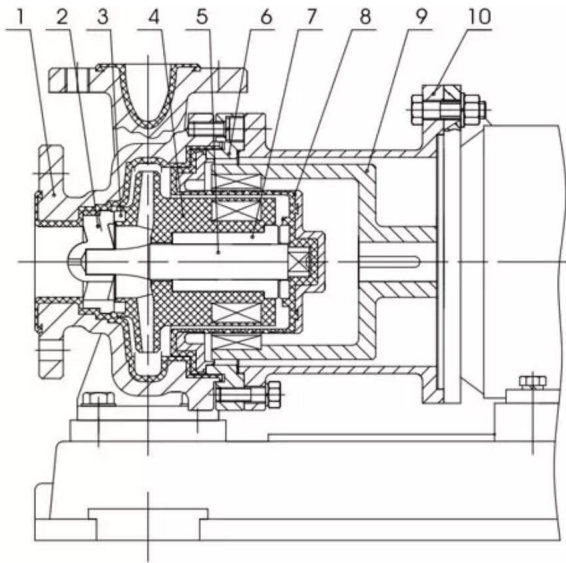


OPERATION PARAMETER

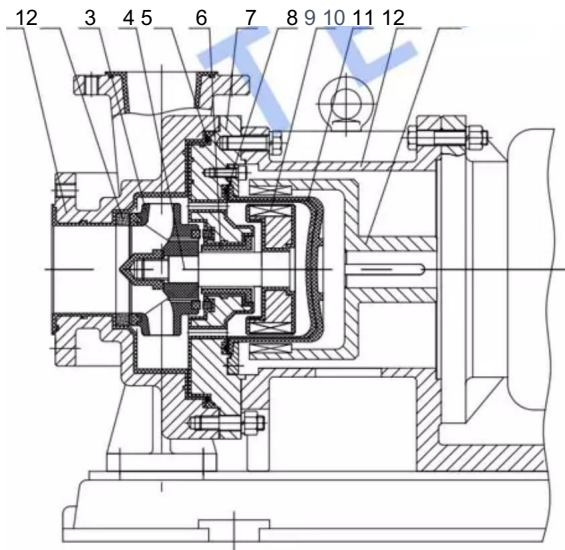
口径: DN25 ~ DN125mm
流量: 1.6 ~ 200m³/h
扬程: 12.5 ~ 80m
转速: 2900r/min; 1450r/min
工作温度: ^100C
粘度: ^100mm²/s
压力: ≧ 1.0Mpa
电机功率: 0.75 ~ 75kW

Caliber: DN25 ~ DN125mm
Capacity: 1.6 ~ 200m³/h
Head: 12.5 ~ 80m
Rotate speed: 2900r/min; 1450r/min
Work temperature: ^ 100°C
Viscosity: ≧ 100mm²/s
Pressure: ≧ 1.0Mpa
Motor power: 0.75 ~ 75kW

SKETCH MAP OF STRUCTURE



- 01 栗体 Casing
- 02轴座 Shaft seat
- 03 口环 Mouth ring
- 04叶轮内磁总成 Impeller & Inner magnetic part
- 05泵轴 Shaft
- 06后盖Back
- 07滑动轴承 Slide bearing
- 08隔离套 Insulate sheath
- 09外磁总成 Outer magnetic part
- 10联接架 Connect frame



- 01 栗体 Casing
- 02 口环 Mouth ring
- 03叶轮 Impeller
- 04泵轴 Shaft
- 05栗体密封圈Seal ring
- 06滑动轴承 Slide bearing
- 07栗盖 Pump cover
- 08隔离套密封圈Seal ring
- 09内磁总成 Inner magnetic part
- 10隔离套 Insulate sheath
- 11 联接架 Connect frame
- 12外磁总成 Outer magnetic part

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
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Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	