

CQ, CQ-GB, MDP

Технические характеристики

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
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
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	



SS2205/SS2507/AISI 321 Chemical Circulating Magdrive Pumps

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_Z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160	32	1.5	38				
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			32		1.5		40
CQ32-20-200			48	4	62		
CQ40-25-85	6.3	1.75		0.75	3.5	25	
CQ40-25-105			12.5	1.1		30	
CQ40-25-125			20	1.5		40	
CQ40-25-160			32	2.2		50	
CQ40-25-200			50	4		70	
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重量 Weight (kg)		
	(m³/h)	(L/S)							
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65		
CQ65-50-125			20		5.5		95		
CQ65-50-150			25		7.5		103		
CQ65-50-160			32		7.5		105		
CQ65-40-200			50		15		175		
CQ65-40-250			80		22		240		
CQ80-65-125	50	13.89	20		7.5	3.8	110		
CQ80-65-160			32		15		174		
CQ80-50-200			50		18.5		197		
CQ80-50-250			80		37		405		
CQ80-50-315			125		45 g		620		
CQ100-80-125	100	27.78	20		1450	18.5	4.2	180	
CQ100-80-160			32					18.5	230
CQ100-65-200			50					30	340
CQ100-65-250			80	45				550	
CQ100-65-315			125	90				705	
CQ125-100-200	200	55.56	50	55		5.5	600		
CQ125-100-250			80	90			730		
CQ125-100-315			125	132			1150		
CQ150-125-250	400	111.11	20	22		5.8	230		
CQ150-125-315			32	37			535		
CQ125-125-400			50	75	590				
CQ200-150-250	400	111.11	20	45	550				
CQ200-150-315			32	75	650				
CQ200-150-400			50	110	860				

注：性能超出此范围，可另行设计。

Note: We can special design for you if the pump is not including in this table.



SS316 Food Processing Conveying Magnetic Drive Pump Magnetic Force Nobeal Pump

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_Z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160			32		1.5		38
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			32		1.5		40
CQ32-20-200			48		4		62
CQ40-25-85	6.3	1.75			0.75	3.5	25
CQ40-25-105			12.5		1.1		30
CQ40-25-125			20	1.5	40		
CQ40-25-160			32	2.2	50		
CQ40-25-200			50	4	70		
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重堡 Weight (kg)
	(m³/h)	(L/S)					
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65
CQ65-50-125			20		5.5		95
CQ65-50-150			25		7.5		103
CQ65-50-160			32		7.5		105
CQ65-40-200			50		15		175
CQ65-40-250			80		22		240
CQ80-65-125	50	13.89	20		7.5	3.8	110
CQ80-65-160			32		15		174
CQ80-50-200			50		18.5		197
CQ80-50-250			80		37		405
CQ80-50-315			125		45 g		620
CQ100-80-125	100	27.78	20		0/0	4.2	180
CQ100-80-160			32		18.5		230
CQ100-65-200			50		30		340
CQ100-65-250			80	45	550		
CQ100-65-315			125	90	705		
CQ125-100-200	200	55.56	50	55	5.5	600	
CQ125-100-250			80	90		730	
CQ125-100-315			125	132		1150	
CQ150-125-250	400	111.11	20	1450	5.8	230	
CQ150-125-315			32			37	535
CQ125-125-400			50			75	590
CQ200-150-250			20			45	550
CQ200-150-315			32			75	650
CQ200-150-400			50			110	860

注：性能超出此范围，可另行设计*

Note: We can special design for you if the pump is not including in this table.



Duplex Stainless Steel Chemical Circulating Magdrive Pumps

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_Z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160			32		1.5		38
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			32		1.5		40
CQ32-20-200			48		4		62
CQ40-25-85	6.3	1.75			0.75	3.5	25
CQ40-25-105			12.5		1.1		30
CQ40-25-125			20	1.5	40		
CQ40-25-160			32	2.2	50		
CQ40-25-200			50	4	70		
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重量 Weight (kg)	
	(m³/h)	(L/S)						
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65	
CQ65-50-125			20		5.5		95	
CQ65-50-150			25		7.5		103	
CQ65-50-160			32		7.5		105	
CQ65-40-200			50		15		175	
CQ65-40-250			80		22		240	
CQ80-65-125	50	13.89	20		7.5	3.8	110	
CQ80-65-160			32		15		174	
CQ80-50-200			50		18.5		197	
CQ80-50-250			80		37		405	
CQ80-50-315			125		45 g		620	
CQ100-80-125	100	27.78	20		1450	18.5	4.2	180
CQ100-80-160			32	18.5				230
CQ100-65-200			50	30				340
CQ100-65-250			80	45				550
CQ100-65-315			125	90				705
CQ125-100-200	200	55.56	50	55		5.5	600	
CQ125-100-250			80	90			730	
CQ125-100-315			125	132			1150	
CQ150-125-250	400	111.11	20	22		5.8	230	
CQ150-125-315			32	37			535	
CQ125-125-400			50	75	590			
CQ200-150-250	20	45	550					
CQ200-150-315	32	75	650					
CQ200-150-400	50	110	860					

注：性能超出此范围，可另行设计。

Note: We can special design for you if the pump is not including in this table.



Heavy Duty Wear Resistant Impeller Stainless Magnetic Centrifugal Pump

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_Z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160			32		1.5		38
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			32		1.5		40
CQ32-20-200			48		4		62
CQ40-25-85	6.3	1.75			0.75	3.5	25
CQ40-25-105			12.5		1.1		30
CQ40-25-125			20	1.5	40		
CQ40-25-160			32	2.2	50		
CQ40-25-200			50	4	70		
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重堡 Weight (kg)
	(m³/h)	(L/S)					
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65
CQ65-50-125			20		5.5		95
CQ65-50-150			25		7.5		103
CQ65-50-160			32		7.5		105
CQ65-40-200			50		15		175
CQ65-40-250			80		22		240
CQ80-65-125	50	13.89	20		7.5	3.8	110
CQ80-65-160			32		15		174
CQ80-50-200			50		18.5		197
CQ80-50-250			80		37		405
CQ80-50-315			125		45 g		620
CQ100-80-125	100	27.78	20		0/0	4.2	180
CQ100-80-160			32	18.5	230		
CQ100-65-200			50	30	340		
CQ100-65-250			80	45	550		
CQ100-65-315			125	90	705		
CQ125-100-200	200	55.56	50	55	5.5	600	
CQ125-100-250			80	90		730	
CQ125-100-315			125	132		1150	
CQ150-125-250	400	111.11	20	1450	5.8	230	
CQ150-125-315			32			37	535
CQ125-125-400			50			75	590
CQ200-150-250			20			45	550
CQ200-150-315	32	75	650				
CQ200-150-400	50	110	860				

注：性能超出此范围，可另行设计*

Note: We can special design for you if the pump is not including in this table.



Sodium Acetate Transport Magnetic Drive Chemical Process SS316L Pumps

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_Z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160			32		1.5		38
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			32		1.5		40
CQ32-20-200			48		4		62
CQ40-25-85	6.3	1.75			0.75	3.5	25
CQ40-25-105			12.5		1.1		30
CQ40-25-125			20	1.5	40		
CQ40-25-160			32	2.2	50		
CQ40-25-200			50	4	70		
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重量 Weight (kg)
	(m³/h)	(L/S)					
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65
CQ65-50-125			20		5.5		95
CQ65-50-150			25		7.5		103
CQ65-50-160			32		7.5		105
CQ65-40-200			50		15		175
CQ65-40-250			80		22		240
CQ80-65-125	50	13.89	20		7.5	3.8	110
CQ80-65-160			32		15		174
CQ80-50-200			50		18.5		197
CQ80-50-250			80		37		405
CQ80-50-315			125		45 g		620
CQ100-80-125	100	27.78	20		2900	4.2	180
CQ100-80-160			32	18.5			230
CQ100-65-200			50	30			340
CQ100-65-250			80	45			550
CQ100-65-315			125	90			705
CQ125-100-200	200	55.56	50	2900	5.5	600	
CQ125-100-250			80			90	730
CQ125-100-315			125			132	1150
CQ150-125-250	200	55.56	20	1450	5.8	230	
CQ150-125-315			32			37	535
CQ125-125-400			50			75	590
CQ200-150-250	400	111.11	20			45	550
CQ200-150-315			32			75	650
CQ200-150-400			50			110	860

注：性能超出此范围，可另行设计。

Note: We can special design for you if the pump is not including in this table.



Hot Selling Horizontal Ss/Stainless Steel Open/Closed Impeller Chemical Centrifugal Pump

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_Z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160			32		1.5		38
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			32		1.5		40
CQ32-20-200			48		4		62
CQ40-25-85	6.3	1.75			0.75	3.5	25
CQ40-25-105			12.5		1.1		30
CQ40-25-125			20	1.5	40		
CQ40-25-160			32	2.2	50		
CQ40-25-200			50	4	70		
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重堡 Weight (kg)
	(m³/h)	(L/S)					
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65
CQ65-50-125			20		5.5		95
CQ65-50-150			25		7.5		103
CQ65-50-160			32		7.5		105
CQ65-40-200			50		15		175
CQ65-40-250			80		22		240
CQ80-65-125	50	13.89	20		7.5	3.8	110
CQ80-65-160			32		15		174
CQ80-50-200			50		18.5		197
CQ80-50-250			80		37		405
CQ80-50-315			125		45 g		620
CQ100-80-125	100	27.78	20		0/0	4.2	180
CQ100-80-160			32	18.5	230		
CQ100-65-200			50	30	340		
CQ100-65-250			80	45	550		
CQ100-65-315			125	90	705		
CQ125-100-200	200	55.56	50	55	5.5	600	
CQ125-100-250			80	90		730	
CQ125-100-315			125	132		1150	
CQ150-125-250	400	111.11	20	1450	5.8	230	
CQ150-125-315			32			37	535
CQ125-125-400			50			75	590
CQ200-150-250			20			45	550
CQ200-150-315	32	75	650				
CQ200-150-400	50	110	860				

注：性能超出此范围，可另行设计*

Note: We can special design for you if the pump is not including in this table.



Crystallization Circulating Magnetic Pump

Product Description:

CQ-GB magnetic drive pump is a new developed model based on CQ series pump. It has relatively simple structure, so it is very easy to repair or change wearing parts. CQ-GB magdrive pump is specially designed for the safe transportation of medium which is easy to crystalized or frozen.

Product Description

Character:

1. Working Temperature should be less or equal to 350°C.
2. Using the high magnetic perormance of permanent magnetic material to ensure enough magnetic torque.
- 3)The double-layer thermal insulation device is designed for the

pump body and pump cover of the magnetic insulation pump which can use steam to insulate the medium in the pump body to ensure that the medium will not condense, crystallize during the transportation process.

Typical Uses:

The wearing part of CQ-GB series pump is stainless steel, 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 less or equal 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



Thermal Oil Circulation Hot Oil Pumps

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160	32	1.5	38				
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			32		1.5		40
CQ32-20-200			48	4	62		
CQ40-25-85	6.3	1.75		0.75	3.5	25	
CQ40-25-105			12.5	1.1		30	
CQ40-25-125			20	1.5		40	
CQ40-25-160			32	2.2		50	
CQ40-25-200			50	4		70	
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重量 Weight (kg)		
	(m³/h)	(L/S)							
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65		
CQ65-50-125			20		5.5		95		
CQ65-50-150			25		7.5		103		
CQ65-50-160			32		7.5		105		
CQ65-40-200			50		15		175		
CQ65-40-250			80		22		240		
CQ80-65-125	50	13.89	20		7.5	3.8	110		
CQ80-65-160			32		15		174		
CQ80-50-200			50		18.5		197		
CQ80-50-250			80		37		405		
CQ80-50-315			125		45 g		620		
CQ100-80-125	100	27.78	20		1450	18.5	4.2	180	
CQ100-80-160			32					18.5	230
CQ100-65-200			50					30	340
CQ100-65-250			80	45				550	
CQ100-65-315			125	90				705	
CQ125-100-200	200	55.56	50	55		5.5	600		
CQ125-100-250			80	90			730		
CQ125-100-315			125	132			1150		
CQ150-125-250	400	111.11	20	22		5.8	230		
CQ150-125-315			32	37			535		
CQ125-125-400			50	75	590				
CQ200-150-250	20	45	550						
CQ200-150-315	32	75	650						
CQ200-150-400	50	110	860						

注：性能超出此范围，可另行设计。

Note: We can special design for you if the pump is not including in this table.



Stainless Steel Circulating Magnetic Drive Pump

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_Z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160			32		1.5		38
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			32		1.5		40
CQ32-20-200			48		4		62
CQ40-25-85	6.3	1.75			0.75	3.5	25
CQ40-25-105			12.5		1.1		30
CQ40-25-125			20	1.5	40		
CQ40-25-160			32	2.2	50		
CQ40-25-200			50	4	70		
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重量 Weight (kg)
	(m³/h)	(L/S)					
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65
CQ65-50-125			20		5.5		95
CQ65-50-150			25		7.5		103
CQ65-50-160			32		7.5		105
CQ65-40-200			50		15		175
CQ65-40-250			80		22		240
CQ80-65-125	50	13.89	20		7.5	3.8	110
CQ80-65-160			32		15		174
CQ80-50-200			50		18.5		197
CQ80-50-250			80		37		405
CQ80-50-315			125		45 g		620
CQ100-80-125	100	27.78	20		0/0	4.2	180
CQ100-80-160			32		18.5		230
CQ100-65-200			50		30		340
CQ100-65-250			80	45	550		
CQ100-65-315			125	90	705		
CQ125-100-200	200	55.56	50	55	5.5	600	
CQ125-100-250			80	90		730	
CQ125-100-315			125	132		1150	
CQ150-125-250	400	111.11	20	1450	5.8	230	
CQ150-125-315			32			37	535
CQ125-125-400			50			75	590
CQ200-150-250			20			45	550
CQ200-150-315	32	75	650				
CQ200-150-400	50	110	860				

注：性能超出此范围，可另行设计*

Note: We can special design for you if the pump is not including in this table.



With Cooling /Cooling jacket Horizontal Single-Stage Magnetic Driven Pump Crystallization Magnetic Drive Pumps

Product Description:

CQ-GB magnetic drive pump is a new developed model based on CQ series pump. It has relatively simple structure, so it is very easy to repair or change wearing parts. CQ-GB magdrive pump is specially designed for the safe transportation of medium which is easy to crystalized or frozen.

Product Description

Character:

1. Working Temperature should be less or equal to 350°C.
2. Using the high magnetic perormance of permanent magnetic material to ensure enough magnetic torque.

3)The double-layer thermal insulation device is designed for the pump body and pump cover of the magnetic insulation pump which can use steam to insulate the medium in the pump body to ensure that the medium will not condense,crystallize during the transportation process.

Typical Uses:

The wearing part of CQ-GB series pump is stainless steel, 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 less or equal 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



Magdrive SS316 SS304 Ethanol Chemical Treatment Pumps

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_Z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160			32		1.5		38
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			32		1.5		40
CQ32-20-200			48		4		62
CQ40-25-85	6.3	1.75			0.75	3.5	25
CQ40-25-105			12.5		1.1		30
CQ40-25-125			20	1.5	40		
CQ40-25-160			32	2.2	50		
CQ40-25-200			50	4	70		
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重量 Weight (kg)
	(m³/h)	(L/S)					
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65
CQ65-50-125			20		5.5		95
CQ65-50-150			25		7.5		103
CQ65-50-160			32		7.5		105
CQ65-40-200			50		15		175
CQ65-40-250			80		22		240
CQ80-65-125	50	13.89	20		7.5	3.8	110
CQ80-65-160			32		15		174
CQ80-50-200			50		18.5		197
CQ80-50-250			80		37		405
CQ80-50-315			125		45 g		620
CQ100-80-125	100	27.78	20		0/0	4.2	180
CQ100-80-160			32		18.5		230
CQ100-65-200			50		30		340
CQ100-65-250			80	45	550		
CQ100-65-315			125	90	705		
CQ125-100-200	200	55.56	50	55	5.5	600	
CQ125-100-250			80	90		730	
CQ125-100-315			125	132		1150	
CQ150-125-250	400	111.11	20	1450	5.8	230	
CQ150-125-315			32			37	535
CQ125-125-400			50			75	590
CQ200-150-250			20			45	550
CQ200-150-315	32	75	650				
CQ200-150-400	50	110	860				

注：性能超出此范围，可另行设计*

Note: We can special design for you if the pump is not including in this table.



Alkali-Resistant Chemical Thermal Insulation Magnetic Pumps Pharmaceutical Pumps

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_Z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160			32		1.5		38
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			3况		1.5		40
CQ32-20-200			48		4		62
CQ40-25-85	6.3	1.75			0.75	3.5	25
CQ40-25-105			12.5		1.1		30
CQ40-25-125			20		1.5		40
CQ40-25-160			32		2.2		50
CQ40-25-200			50		4		70
CQ50-32-85	12.5	3.47	8		1.1	3.5	45
CQ50-32-105			12.5		2.2		50
CQ50-32-125			20		3		65
CQ50-32-160			32		4		85
CQ50-32-200			50		7.5		120
CQ50-32-250			80	15	255		

(续)

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)	重量 Weight (kg)		
	(m³/h)	(L/S)							
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65		
CQ65-50-125			20		5.5		95		
CQ65-50-150			25		7.5		103		
CQ65-50-160			32		7.5		105		
CQ65-40-200			50		15		175		
CQ65-40-250			80		22		240		
CQ80-65-125	50	13.89	20		7.5	3.8	110		
CQ80-65-160			32		15		174		
CQ80-50-200			50		18.5		197		
CQ80-50-250			80		37		405		
CQ80-50-315			125		45 g		620		
CQ100-80-125	100	27.78	20		1450	18.5	4.2	180	
CQ100-80-160			32					18.5	230
CQ100-65-200			50					30	340
CQ100-65-250			80	45				550	
CQ100-65-315			125	90				705	
CQ125-100-200	200	55.56	50	55		5.5	600		
CQ125-100-250			80	90			730		
CQ125-100-315			125	132			1150		
CQ150-125-250	200	55.56	20	22		5.8	230		
CQ150-125-315			32	37			535		
CQ125-125-400			50	75	590				
CQ200-150-250	400	111.11	20	45	550				
CQ200-150-315			32	75	650				
CQ200-150-400			50	110	860				

注：性能超出此范围，可另行设计。

Note: We can special design for you if the pump is not including in this table.



CQ Series No Leakage Seal-less Magnetic Drive Pump

The first generation of magnetic pump in China was born here. After nearly 40 years of continuous improvement and upgrading, Tengyu brand magnetic pump has won high praise from domestic and foreign customers. We have always been committed to providing customers with safer, more reliable and more efficient products.

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316_Z 316L) can be chosen according to the different medium.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

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)	重量 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160			32		1.5		38
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			3况		1.5		40
CQ32-20-200			48		4		62
CQ40-25-85	6.3	1.75			0.75	3.5	25
CQ40-25-105			12.5		1.1		30
CQ40-25-125			20	1.5	40		
CQ40-25-160			32	2.2	50		
CQ40-25-200			50	4	70		
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重量 Weight (kg)		
	(m³/h)	(L/S)							
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65		
CQ65-50-125			20		5.5		95		
CQ65-50-150			25		7.5		103		
CQ65-50-160			32		7.5		105		
CQ65-40-200			50		15		175		
CQ65-40-250			80		22		240		
CQ80-65-125	50	13.89	20		7.5	3.8	110		
CQ80-65-160			32		15		174		
CQ80-50-200			50		18.5		197		
CQ80-50-250			80		37		405		
CQ80-50-315			125		45 g		620		
CQ100-80-125	100	27.78	20		1450	18.5	4.2	180	
CQ100-80-160			32					18.5	230
CQ100-65-200			50					30	340
CQ100-65-250			80	45				550	
CQ100-65-315			125	90				705	
CQ125-100-200	200	55.56	50	55		5.5	600		
CQ125-100-250			80	90			730		
CQ125-100-315			125	132			1150		
CQ150-125-250	200	55.56	20	22		5.8	230		
CQ150-125-315			32	37			535		
CQ125-125-400			50	75	590				
CQ200-150-250	400	111.11	20	45	550				
CQ200-150-315			32	75	650				
CQ200-150-400			50	110	860				

注：性能超出此范围，可另行设计。

Note: We can special design for you if the pump is not including in this table.



Sealless Stainless Steel SS304 Magnetic Drive Chemical Pump

CQ magnetic drive pump is a seal-less centrifugal pump. It is the best selling and most popular product in Tengyu. CQ Magdrive pump is very cost effective, easy to use and maintain. It has relatively simple structure, so it is very easy to repair or change wearing parts. There are various stainless steel type(321,304, 316, 316L,2205,904L) can be choosed according to the different medium.

Product Description

Tengyu Magnetic Coupled Pump Characters:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic

material to ensure enough magnetic torque.

3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.

4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.

5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.

6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

Typical Uses:

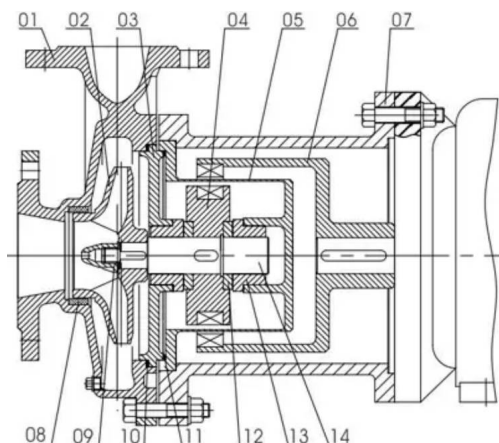
The wearing part of CQ series pump is stainless steel, the pump can be used to transfer not only water, but also corrosive medium, expensive liquid or the other physical and chemical medium. The medium temperature should be less or equal to 120°C. This product is widely apply to:

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

SKETCH MAP OF STRUCTURE

直联式

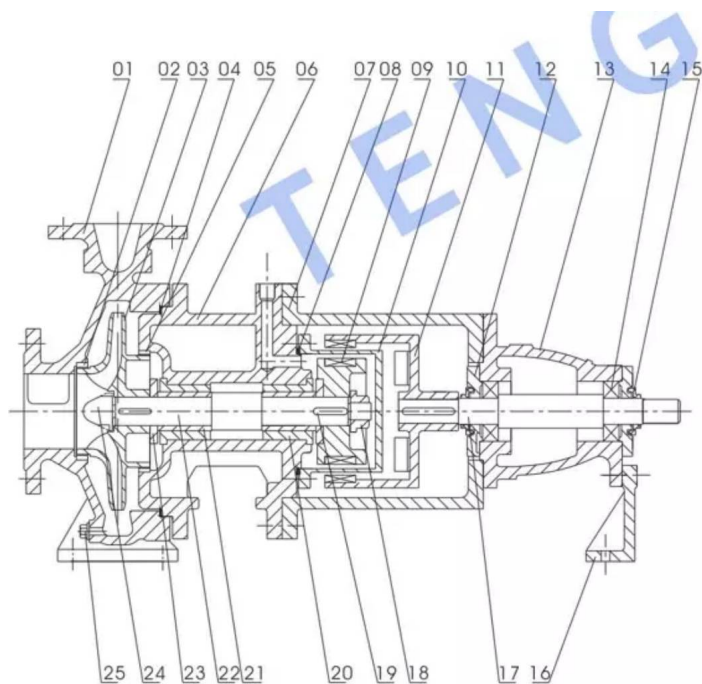
MONOBLOCK TYPE



- 01 泵体 Casing
- 02 叶轮 Impeller
- 03 隔板 Dummy plate
- 04 内磁总成 Inner magnetic part
- 05 隔离套 Insulate sheath
- 06 外磁总成 Outer magnetic part
- 07 联接架 Connect frame
- 08 口环 Mouth ring
- 09 叶轮螺母 Impeller nut
- 10 前密封圈 Front seal ring
- 11 后密封圈 Back seal ring
- 12 止推环 Thrust ring
- 13 滑动轴承 Sliding bearing
- 14 泵轴 Shaft

分体式

DIVIDED TYPE



- 01 泵体 Casing
- 02 前口环 Anterior mouth ring
- 03 叶轮 Impeller
- 04 前密封圈 Front seal ring
- 05 后口环 Back mouth ring
- 06 轴承体 Bearing body
- 07 联接架 Connect frame
- 08 后密封圈 Back seal ring
- 09 内磁总成 Inner magnetic part
- 10 隔离套 Insulate sheath
- 11 外磁总成 Outer magnetic part
- 12 轴承盖 Bearing cover
- 13 悬架体 Bracket
- 14 滚动轴承 Rolling bearing
- 15 防尘盘 Dust-proof plate
- 16 悬架支架 Bracket frame
- 17 传动轴 Drive shaft
- 18 锁紧螺母 Latch nut
- 19 键 Key
- 20 轴承 Bearing
- 21 轴套 Shaft sleeve
- 22 泵轴 Shaft
- 23 止推环 Thrust ring
- 24 叶轮螺母 Impeller nut
- 25 管堵 Pipe plug

概述 GENERAL

CQ 型金属磁力泵为单级单吸卧式结构，通过磁力联轴器传递扭矩，轴向吸入，径向排出。过流部件根据输送介质的不同性质，选用各种不同牌号的不锈钢（321、304、316、316L）、钛合金及其它金属材料。

CQ magnetic pump single stage single suction horizontal structure, transfer the torque via the magnetic coupling. There are various stainless steel (321, 304, 316, 316L) can be choosed according to the different medium.



型号意义 MEANING OF THE MODEL

例：CQ 50-32-160 A G L

EX: ~T~

分体式（直联式不标注）
"L" is coupling, no "L" is monobloc
特征号（G:高温；T:低温；b:保温；Gb:高温保温；J:带监控，数码双设定
保护器不标；（D□:带诱导轮；普通结构的不标注）

Character Mark □ G: High temperature; T: Low temperature; b: Thermal retardation; Gb: High temperature & Thermal retardation; J: With monitor, if no mark then means Digital Dual Setting Protector; D: Low NPSHr. with inducer, if no mark then means Normal structure □

叶轮型式（分别用A、B、C...表示，原型不标注）
Impeller cut sequence number

叶轮名义直径（mm□）
Impeller diameter □ mm □

泵出口直径（mm□）
Outlet diameter □ mm □

泵入口直径（mm□）
Inlet diameter □ mm □

— 磁力传动泵
Magnetic drive pump

OPERATION PARAMETER

口径: DN15 ~ DN200mm
流量: 0.4 ~ 400m³/h
扬程: 3 ~ 125m
转速: 2900r/min; 1450r/min
工作温度: <120°C
粘度: <100mm²/s
压力: <1.6Mpa
电机功率: 0.12 ~ 132kW

Caliber: DN15 ~ DN200mm
Capacity: 0.4 ~ 400m³/h
Head: 3 ~ 125m
Rotate speed: 2900r/min; 1450r/min
Work temperature: <120°C
Viscosity: <100mm²/s
Pressure: <1.6Mpa
Motor power: 0.12 ~ 132kW

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)	重最 Weight (kg)
	(m³/h)	(L/S)					
CQ15-10-75	0.4	0.11	5	2900	0.12	3.0	6.5
CQ15-10-85			8		0.12		8
CQ20-15-65	0.8	0.22	3.2		0.12	3.0	7
CQ20-15-75			5		0.12		9
CQ20-15-85			8		0.18		10
CQ20-15-105			12.5		0.37		12
CQ25-15-65	1.0	0.44	3.2		0.12	3.0	8
CQ25-15-75			5		0.18		10
CQ25-15-85			8		0.37		12
CQ25-15-105			12.5		0.37		14
CQ25-15-125			20		1.1		18
CQ25-15-160			32		1.5		38
CQ32-20-75	3.2	0.89	5		0.37	3.2	25
CQ32-20-85			8		0.37		30
CQ32-20-105			12.5		0.55		33
CQ32-20-125			20		1.1		35
CQ32-20-160			3况		1.5		40
CQ32-20-200			48		4		62
CQ40-25-85	6.3	1.75			0.75	3.5	25
CQ40-25-105			12.5		1.1		30
CQ40-25-125			20	1.5	40		
CQ40-25-160			32	2.2	50		
CQ40-25-200			50	4	70		
CQ50-32-85	12.5	3.47	8	1.1	3.5	45	
CQ50-32-105			12.5	2.2		50	
CQ50-32-125			20	3		65	
CQ50-32-160			32	4		85	
CQ50-32-200			50	7.5		120	
CQ50-32-250			80	15		255	

(续)

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)	重量 Weight (kg)
	(m³/h)	(L/S)					
CQ65-50-105	25	6.94	12.5	2900	3	3.5	65
CQ65-50-125			20		5.5		95
CQ65-50-150			25		7.5		103
CQ65-50-160			32		7.5		105
CQ65-40-200			50		15		175
CQ65-40-250			80		22		240
CQ80-65-125	50	13.89	20		7.5	3.8	110
CQ80-65-160			32		15		174
CQ80-50-200			50		18.5		197
CQ80-50-250			80		37		405
CQ80-50-315			125		45 g		620
CQ100-80-125	100	27.78	20		15	4.2	180
CQ100-80-160			32		18.5		230
CQ100-65-200			50		30		340
CQ100-65-250			80	45	550		
CQ100-65-315			125	90	705		
CQ125-100-200	200	55.56	50	55	5.5	600	
CQ125-100-250			80	90		730	
CQ125-100-315			125	132		1150	
CQ150-125-250	200	55.56	20	1450	5.8	230	
CQ150-125-315			32			37	535
CQ125-125-400			50			75	590
CQ200-150-250	400	111.11	20		45	5.8	550
CQ200-150-315			32		75		650
CQ200-150-400			50		110		860

注：性能超出此范围，可另行设计。

Note: We can special design for you if the pump is not including in this table.



Shaft Coupled Chemical Process Pump Magnetic Drive Centrifugal Pumps

Product Description:

MDP magnetic drive pump is a seal-less centrifugal pump. It is designed according to ISO 2858 standards, API 685 and GB/T 25140_z compare with centrifugal pumps designed according to API 610 standard, it has no seal, so it is more reliable and safer.

As the second generation product of the CQ magnetic drive pump, this product has high degree of standardization, serialization, universality. Also, strong interchangeability of spare parts helps shorten the manufacturing cycle, improve the maintenance speed of equipment.

Character:

1. Using the one of the world's most outstanding hydraulic model to reduce energy consumption.
2. Using the high magnetic performance of permanent magnetic material to ensure enough magnetic torque.
3. The lower eddy current insulation sleeve design gives higher efficiency to the pump.
4. The specially designed lubrication cooling system and the automatic balance of axial force ensure the safe operation of the pump.
5. The sliding bearing is made of superior material and with the advanced hydrodynamic lubrication structure, the reliability of the pump and the life of the bearing are guaranteed.
6. Equipped with liquid break and overload automatic stop device, which can effectively prevent the magnetic pump idling dry grind and motor overload.

Typical Uses:

The wearing part of MDP series pump is stainless steel, 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

MEANING OF THE MODEL

例: MDP 50-32-160 A G L

EX:

分体式 (直联式不标注)

"L" is coupling, no "L" is monobloc

特征号 (G:离温; T:低温; b:保温; Gb:高温保温; J:带监控, 数码双设定
保护器不标; (D:带诱导轮; 普通结构的不标注)

Character Mark G:High temperature;T:Low temperature;b:Thermal
retardation;Gb:High temperature&Thermal retardation;J:With monitor,
if no mark then means Digital Dual Setting Protector; D: Low NPSHr.with inducer,
if no mark then means Normal structure

叶轮型式 (分别用A、B、C...表示, 原型不标注)

Impeller cut sequence number

叶轮名义直径 (mm)

Impeller diameter □mm

泵出口直径 (mm)

Outlet diameter □mm

泵入口直径 (mm)

Inlet diameter □mm

磁力传动泵

Magnetic drive pump

OPERATION PARAMETER

口径: DN25 ~ DN200mm

流量: ~400m³/h

扬程: 5 ~ 125m

转速: 2900r/min; 1450r/min

工作温度 (t): -120 ~ 350 °C

粘度: $^{\wedge}$100mm²/s

压力 (PN): DN ≥ 40, PN=0.6MPa

DN 为 50, PN=1.6MPa

电机功率: 0.75 ~ 132kW

Caliber: DN25 ~ DN200mm

Capacity: 3 ~ 400m³/h

Head: 5 ~ 125m

Rotate speed: 2900r/min; 1450r/min

Work temperature: -120 ~ 350 °C

Viscosity: $^{\wedge}$100mm²/s

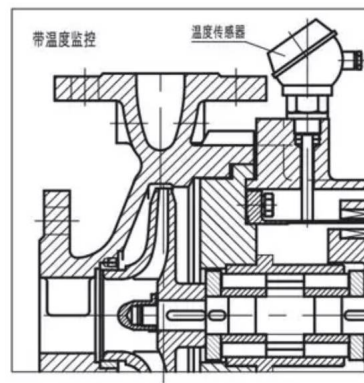
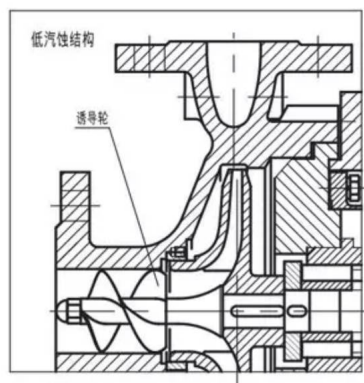
Pressure: DN ≥ 40, PN=0.6MPa

DN ≥ 50, PN=1.6MPa

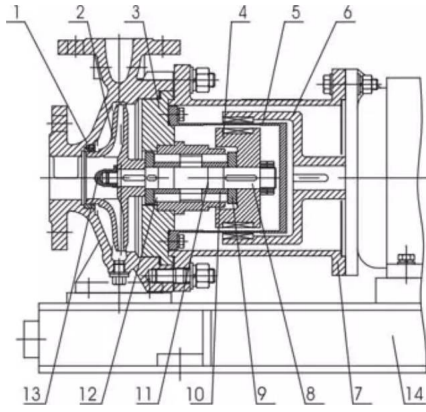
Motor power: 0.75 ~ 132kW

结构示意图及性能参数

SKETCH MAP OF STRUCTURE & PERFORMANCE PARAMETER



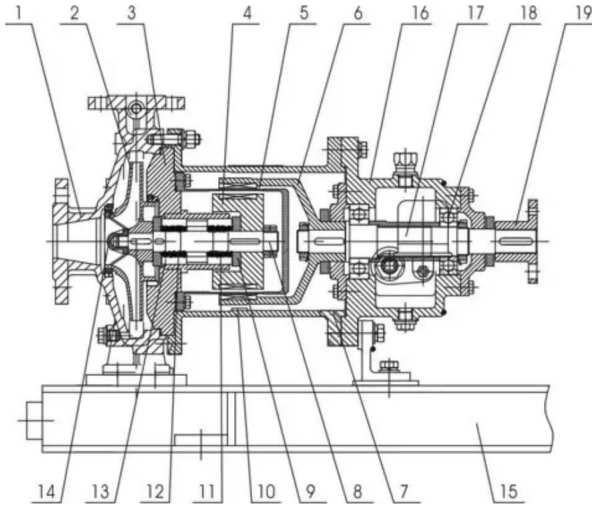
直联式
MONOBLOCK TYPE



- 01 泵体 Casing
- 02叶轮 Impeller
- 03泵盖 Pump cover
- 04内磁总成 Inner magnetic part
- 05隔离套 Insulate sheath
- 06外磁总成 Outer magnetic part
- 07联接架 Connect frame
- 08泵轴 Shaft
- 09止推环 Thrust ring
- 10轴套 Shaft sleeve
- 11补偿环 Compensating ring
- 12滑动轴承 Slide bearing
- 13叶轮螺母 Impell nut
- 14底座 Base plate

型号 Model	流量 Capacity (m ³ /h)	扬程 Head (m)	必需汽蚀余量 NPSHr (m)	转速 Rotate speed	电机功率 Motor power
MDP25-25-125	3	20	2.8	2900	1.5
MDP25-25-160		32	2.8		2.2
MDP32-32-105	4	12.5	2.8	2900	1.5
MDP32-32-125		20	2.8		1.5
MDP32-32-160		32	2.8		2.2
MDP40-40-105	6.3	12.5	3	2900	1.5
MDP40-40-125		20	3		2.2
MDP40-40-160		32	3		3
MDP40-40-200		50	3		5.5
MDP50-32-105	12.5	12.5	3	2900	2.2
MDP50-32-125		20	3		3
MDP50-32-160		32	3		4
MDP50-32-200		50	3		7.5
MDP50-32-250		80	3		15
MDP65-50-105	25	12.5	3	2900	3
MDP65-50-125		20	3		5.5
MDP65-50-160		32	3		7.5
MDP65-40-200		50	3		15
MDP65-40-250		80	3		22
MDP80-65-125	50	20	3.8	2900	7.5
MDP80-65-160		32	3.5		15
MDP80-50-200		50	3.5		18.5
MDP80-50-250		80	3.5		37
MDP80-50-315		125	3.5		45
MDP100-80-125	100	20	4.5	2900	15
MDP100-80-160		32	4.5		18.5
MDP100-65-200		50	4.2		30
MDP100-65-250		80	4.2		45
MDP100-65-315		125	4.2		90
MDP125-100-200	200	50	5.5	2900	55
MDP125-100-250		80	5.2		90
MDP125-100-315		125	5.2		132

分体式
DIVIDED TYPE



- 01 泵体 Casing
- 02 叶轮 Impeller
- 03 泵盖 Pump cover
- 04 内磁总成 Inner magnetic part
- 05 隔离套 Insulate sheath
- 06 外磁总成 Outer magnetic part
- 07 联接架 Connect frame
- 08 泵轴 Shaft
- 09 止推环 Thrust ring
- 10 防磨环 Antifriction ring
- 11 轴套 Shaft sleeve
- 12 补偿环 Compensating ring
- 13 滑动轴承 Slide bearing
- 14 叶轮螺母 Impell nut
- 15 底座 Base plate
- 16 轴承箱 Bearing Box
- 17 驱动轴 Drive shaft
- 18 滚动轴承 Rolling bearing
- 19 联轴器 Coupling

型号 Model	流量 Capacity (m ³ /h)	扬程 Head (m)	必需汽蚀余量 NPSHr (m)	(r/min)	电机功率 Motor power (kW)
MDP50-32-125	6.3	5	2.7	1450	0.75
MDP50-32-160		8	2.7		0.75
MDP50-32-200		12.5	2.7		1.5
MDP50-32-250		20	2.7		3
MDP65-50-125	12.5	5	2.8	1450	0.75
MDP65-50-160		8	2.8		1.1
MDP65-40-200		12.5	2.8		2.2
MDP65-40-250		20	2.8		4
MDP65-40-315		32	2.8		7.5
MDP80-65-125	25	5	3	1450	1.1
MDP80-65-160		8	3		2.2
MDP80-50-200		12.5	3		3
MDP80-50-250		20	3		7.5
MDP80-50-315		32	3.5		11
MDP100-80-125	50	5	4	1450	2.2
MDP100-80-160		8	4		3
MDP100-65-200		12.5	3.5		5.5
MDP100-65-250		20	3.5		7.5
MDP100-65-315		32	3.5		15
MDP125-100-200	100	12.5	3.8	1450	11
MDP125-100-250		20	3.8		15
MDP125-100-315		32	3.8		30
MDP125-100-400		50	3.8		37
MDP150-125-250	200	20	4	1450	22
MDP150-125-315		32	4		37
MDP150-125-400		50	4		75
MDP200-150-250	400	20	4	1450	45
MDP200-150-315		32	4.5		75
MDP200-150-400		50	4.5		110

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
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
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	