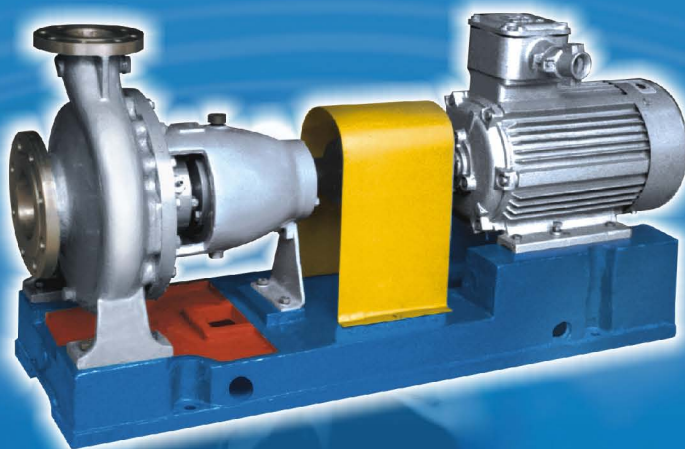




AZ(CZ)系列标准化工泵

Model-AZ (CZ) Series Standard Chemical Pump

· 安装使用说明书 ·



成都荣升机械设备有限公司

Chengdu Rongsheng mechanical equipment Co., Ltd.



一、概述

CZ系列标准化工泵是卧式、单级、单吸离心泵；其尺寸和性能符合DIN24256/ISO2858标准。

CZ系列标准化工泵的性能范围包括了IH系列标准化工泵所有性能，其效率、汽蚀性能等指标均超过IH型泵，可与IH型泵进行单机互换。

二、用途

输送低温或高温液体；中性或有腐蚀性液体；清洁或内含有固体颗粒的液体。特别适用于：

化学和石油化学工业

炼油厂

造纸厂和纸浆业

制糖业

三、性能

流量 (Q) (依据转速，参见第 2 页性能图)

可达2000m³/h

扬程 (H) 可达160m

工作压力 (P) 2.5MPa

工作温度 (t) -80℃~+300℃

特性曲线平坦，汽蚀值低，效率高，在不满负荷时，也保持这些特性。

四、设计特点

1.General

The standard chemical pump of Model-CZ series is a horizontal, single-stage, and single-suction centrifugal pump, its size and property conform to the DIN 24256/ISO 2858 standard.

The standard chemical pump of Model-CZ series have all those properties of the standard chemical pump of Model-IH series, its efficiency and cavitation property are better, and it is alternative with the latter.

2.Usage

It is used for transmission of low or high temperature liquids, neutral or corrosive liquids, clean or solid-granular-containing liquids. It is specially suitable for:

Chemical and petrochemical industries

Oil refinery plants

Paper mills and paper pulp industries

Sugar industries

3.Properties

Capacity (Q) (subject to the operation speed, refer to the diagram of properties in page 2) max. 2000m³/h

Head (H) : max. 160m

Operation pressure (P) : 2.5MPa

Operation temperature (t) : -80℃~+300℃

Its characteristics curve is even, its value of cavitation is low, and it has high efficiency and maintains these properties even if not fully loaded.

4.Characteristics of design



作用于轴封处的压力由付叶片或叶轮上的平衡孔平衡。轴封既可采用软填料密封（可冷却，也可不冷却），也可采用各种结构的单、双端面机械密封（可采用平衡型）。滚珠轴承经久耐用，轴径尺寸充裕，以保证运行平稳。部分规格的泵体设计成双螺壳体，以平衡径向力。轴承架，包括轴、叶轮、填料函等形成一个组合部件，使泵体在维修时不须从管道上拆下（如果采用加长联轴器时，电机也不必拆下）。法兰设计，采用PN16、PN25两种（依据材料的差别）。而且，也可运用于ANSI125磅/平方英寸或150磅/平方英寸。

五、输送介质

各种温度和浓度的硫酸、硝酸、盐酸和磷酸等无机酸和有机酸。

各种温度和浓度下的氢氧化钠和碳酸钠等碱性溶液。

各种盐溶液。

各种液态石油化工产品、有机化合物，以及其它有腐蚀的原料和产品。

目前我厂的耐腐蚀材料，能满足上述各种介质的要求。订货时，请用户提供所要输送介质的详细情况。

The pressure force to the shaft seal is balanced by the expeller or the balancing hole on the impeller. The shaft seal can be sealed with soft stuffing materials (cooled or not cooled) as well as single or double-end-faced). The ball-bearing is endurable and the diameter of the shaft is abundance to guarantee the stable running. The casing of some specifications is designed into the shape of double volute casing to balance the radial force. The support stand of bearing, including the shaft, impeller, stuffing box, etc., forms a combined unit so that the casing is not needed to be dismantled forms a combined unit so that the casing is not needed to be dismantled from the pipes during maintenance (if lengthened shaft coupling is used, the motor is not needed to be dismantled too). The flanges adopt two kinds, PN16 and PN25 (according to the difference of the materials) Moreover, it can be used at ANSI125 psi or 150 psi.

5. Transmission media

Inorganic or organic acids of different temperatures and concentrations, such as sulfate acid, nitrate acid, hydrochloric acid, and phosphorus acid, etc.

Alkaline solutions of different temperatures and concentrations such as sodium hydroxide and sodium carbonate, etc.

Various salt solutions.

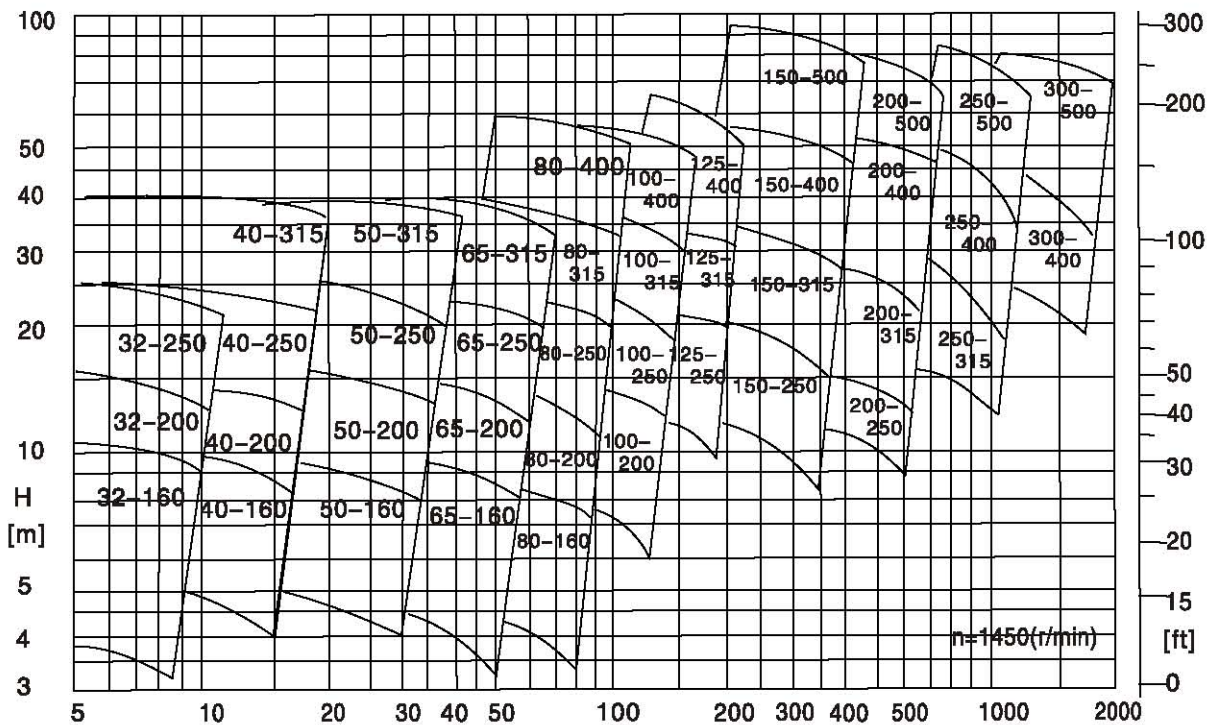
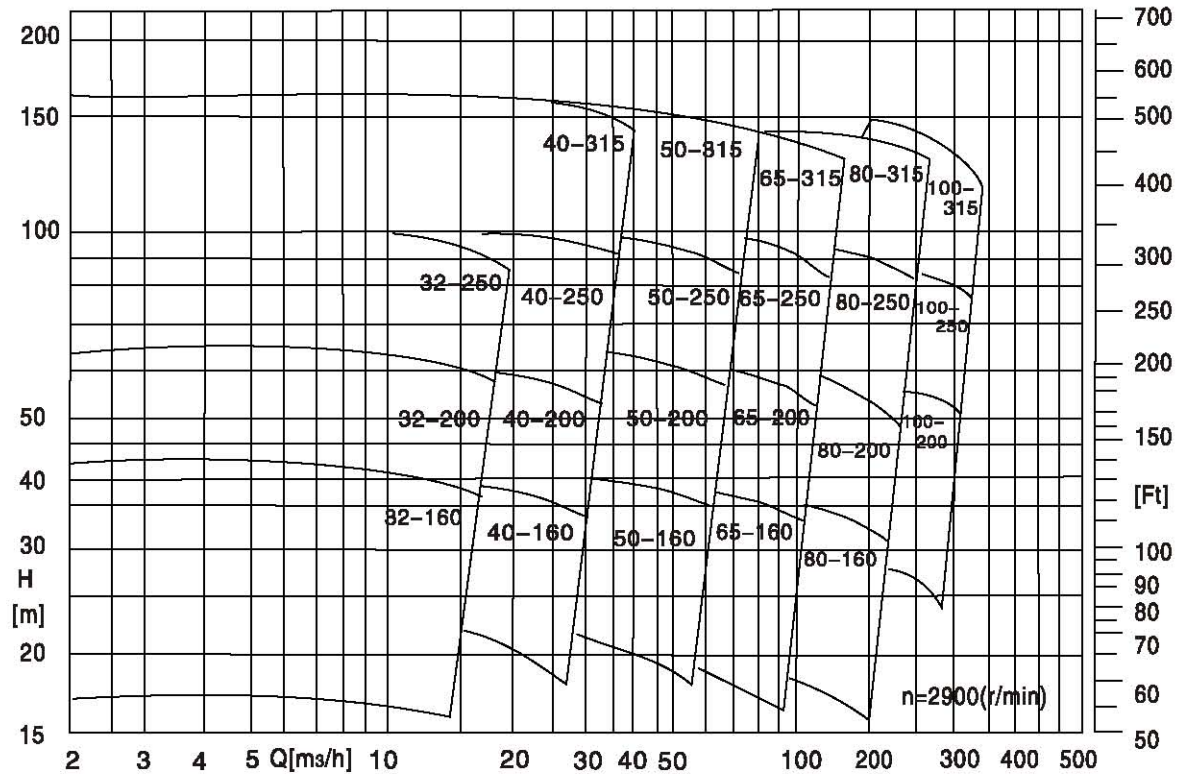
Various liquid petrochemical products, organic chemical compounds, and other corrosive raw materials and products.

At present, the anti-corrosive materials of our factory can meet the requirements of the various above-mentioned. When placing the order, customers are suggested to provide the detailed information of the medium to be transmitted.



六、性能范围

6.Range of properties





七、性能参数表

7. Table of property parameters

型号 Model	叶轮 型式	泵额定转速n=2900r/min Speed										泵额定转速n=1450r/min Speed															
		流量 Q m³/h	扬程 H m	汽蚀 余量 NPSH m	效率 η %	比重γ=1.00			比重γ=1.35			比重γ=1.84			流量 Q m³/h	扬程 H m	汽蚀 余量 NPSH m	效率 η %	比重γ=1.00			比重γ=1.35			比重γ=1.84		
						电机功率及型号 Motor													电机功率及型号 Motor								
						kw			kw			kw							kw			kw			kw		
CZ32-160	A	20	36	3.1	62	4	Y112M-2	5.5	Y132S1-2	7.5	Y132S2-2	11	9	1.5	49	1.1	Y90S-4	1.1	Y90S-4	1.5	Y90L-4	1.1	Y90S-4	1.1	Y90S-4	1.1	Y90S-4
	B	18	32			4	Y112M-2	5.5	Y132S1-2	7.5	Y132S2-2	10	8														
	C	17	28			3	Y100L-2	4	Y112M-2	5.5	Y132S1-2	9	7														
	D	15	20			2.2	Y90L-2	3	Y100L-2	4	Y112M-2	6	5														
	E	13	14									8	3														
CZ32-200	A	20	50	2.7	51	7.5	Y132S2-2	11	Y160M1-2	15	Y160M2-2	10	13	1	47	1.5	Y90L-4	1.5	Y90L-4	1.5	Y90L-4	1.5	Y90L-4	1.5	Y90L-4	1.5	Y90L-4
	B	18	48			11	Y160M1-2	11	Y160M1-2	9	12																
	C	16	40			5.5	Y132S1-2	7.5	Y132S2-2	8	10																
	D	15	30			4	Y112M-2	5.5	Y132S1-2	7.5	Y132S2-2	8	8														
CZ32-250	A	20	85	2.1	40	15	Y160M2-2	18.5	Y160L-2	30	Y200L1-2	11	20	0.9	37	2.2	Y100L1-4	3	Y100L2-4	4	Y112M-4	2.2	Y100L1-4	2.2	Y100L1-4	2.2	Y100L1-4
	B	20	75			11	Y160M1-2	15	Y160M2-2	18.5	Y160L-2	9	15														
	C	18	65			7.5	Y132S2-2	11	Y160M1-2	15	Y160M2-2	8	11														
	D	15	50			11	Y160M1-2	15	Y160M2-2	18.5	Y160L-2	9	15														
CZ40-160	A	30	34	1.5	63	7.5	Y132S2-2	11	Y160M1-2	15	Y160M2-2	15	8	0.5	60	1.1	Y90S-4	1.1	Y90S-4	1.5	Y90L-4	1.1	Y90S-4	1.1	Y90S-4	1.1	Y90S-4
	B	28	30			7.5	Y132S2-2	11	Y160M1-2	15	Y160M2-2	15	7														
	C	16	26			5.5	Y132S1-2	7.5	Y132S2-2	11	Y160M1-2	14	6														
	D	14	18			3	Y100L-2	5.5	Y132S1-2	7.5	Y132S2-2	12	4														
CZ40-200	A	34	50	2.4	60	11	Y160M1-2	15	Y160M2-2	15	16	13	1.1	57	1.5	Y90L-4	1.5	Y90L-4	2.2	Y100L1-4	1.1	Y90S-4	1.1	Y90S-4	1.1	Y90S-4	
	B	30	48			7.5	Y132S2-2	11	Y160M1-2	15	Y160M2-2	15															12
	C	26	38			5.5	Y132S1-2	7.5	Y132S2-2	11	Y160M1-2	14															9
	D	22	30			11	Y160M1-2	15	Y160M2-2	18.5	Y160L-2	13															12
CZ40-250	A	36	85	6	50	22	Y180M-2	30	Y200L1-2	45	Y225M-2	20	21	2.5	48	4	Y112M-4	5.5	Y132S-4	5.5	Y132S-4	2.2	Y100L1-4	2.2	Y100L1-4	2.2	Y100L1-4
	B	34	80			18.5	Y160L-2	22	Y180M-2	37	Y200L2-2	18	20														
	C	30	65			15	Y160M2-2	18.5	Y160L-2	30	Y200L1-2	16	15														
	D	26	50			11	Y160M1-2	15	Y160M2-2	18.5	Y160L-2	13	12														
CZ40-315	A	46	140	4	50	45	Y225M-2	55	Y250M-2	22	36	1	45	11	Y160M-4	11	Y160M-4	11	Y160M-4	1.5	Y90L-4	2.2	Y100L1-4	3	Y100L2-4		
	B	44	130			37	Y200L2-2	45	Y225M-2	22	32																
	C	40	100			30	Y200L1-2	37	Y200L2-2	37	Y200L2-2															20	24
	D	34	80			30	Y200L1-2	37	Y200L2-2	37	Y200L2-2															18	18
CZ50-160	A	55	34	2.9	73	11	Y160M1-2	11	Y160M1-2	15	Y160M2-2	30	8	1.6	70	1.5	Y90L-4	2.2	Y100L1-4	3	Y100L2-4	1.1	Y90S-4	1.1	Y90S-4	1.1	Y90S-4
	B	50	30			7.5	Y132S2-2	7.5	Y132S2-2	11	Y160M1-2	24	6														
	C	46	26			5.5	Y132S1-2	7.5	Y132S1-2	7.5	Y132S2-2	20	4														
	D	40	18			5.5	Y132S1-2	7.5	Y132S1-2	7.5	Y132S2-2	20	4														



续表2
Table 2 (continued)

型号 Model	叶轮 型式	泵额定转速n=2900r/min Speed										泵额定转速n=1450r/min Speed																										
		流量 Q m³/h	扬程 H m	汽蚀 余量 NPSH m	效率 η %	比重γ=1.00			比重γ=1.35			比重γ=1.84			流量 Q m³/h	扬程 H m	汽蚀 余量 NPSH m	效率 η %	比重γ=1.00			比重γ=1.35			比重γ=1.84													
						电机功率及型号 Motor													电机功率及型号 Motor																			
						kw			kw			kw							kw			kw			kw			kw			kw			kw				
CZ80-200	A	150	50	3.8	79	37	Y200L2-2	45	Y225M-2	55	Y250M-2	80	12	1.9	73	1.9	73	5.5	Y132S-4	11	Y160M-4	11	Y160M-4	3	4	Y112M-4	5.5	Y132S-4	4	Y112M-4	5.5	Y132S-4						
	B	140	46			30	Y200L1-2	37	Y200L2-2										75	11	4				Y112M-4	5.5	Y132S-4	11	Y160M-4									
	C	130	38			22	Y180M-2	30	Y200L1-2										65	9	4	Y112M-4	5.5		Y132S-4	5.5	Y132S-4											
	D	110	26			15	Y160M2-2	18.5	Y160L-2	30	Y200L1-2								60	6	3	Y200L2-4	4		Y112M-4	4	Y112M-4											
CZ80-250	A	190	80	5	80							90	20	1.3	78	1.3	78	11	Y160M-4	11	Y160M-4	15	Y160L-4	5.5	5.5	Y132S-4	5.5	Y132S-4	11	Y160M-4								
	B	180	75			55	Y250M-2											90	19																			
	C	170	70			45	Y225M-2											85	17																			
	D	150	55			37	Y200L2-2	55	Y250M-2	75	Y280S-2	75	14																									
	E	130	47			30	Y200L1-2	37	Y200L2-2	55	Y250M-2	70	11																									
CZ80-315	A	200	130	5.5	76.5	110	Y315S-2	180	Y315M2-2			100	32	1.3	72.5	1.3	72.5	15	Y160L-4	18.5	Y180M-4	30	Y200L-4	15	75	Y280S-2	90	Y280M-2	132	Y315M1-2	85	24						
	B	180	125			132	Y315M1-2						95					30																				
	C	160	100			75	Y280S-2	90	Y280M-2	132	Y315M1-2	85	24																									
	D	150	75			55	Y250M-2	75	Y280S-2	90	Y280M-2	70	18																									
CZ80-400	A											105	52	1.2	63	1.2	63	30	Y200L-4	37	Y225S-4	30	Y200L-4	18.5														
	B										100	50																										
	C										90	44																										
	D										80	38																										
	E										75	30																										
CZ100-200	A	220	45	4	81	45	Y225M-2	55	Y250M-2			115	11	1.2	80	1.2	80	5.5	Y132S-4	11	Y160M-4	11	Y160M-4	5.5	22	Y180M-2	30	Y200L1-2	45	Y225M-2	90	8						
	B	200	40			30	Y200L1-2	45	Y225M-2	55	Y250M-2	100	10																									
	C	180	30															90	8																			
	D	150	25															80	6																			
CZ100-250	A	280	75	4.9	81.5	90	Y280M-2	110	Y315S-2	160	Y315M2-2	130	20	1.2	75.5	1.2	75.5	15	Y160L-4	30	Y200L-4	30	Y200L-4	11	75	Y280S-2	132	Y315M1-2	130	18								
	B	250	70			75	Y280S-2	132	Y315M1-2	130	18																											
	C	230	55			55	Y250M-2	75	Y280S-2	110	Y315S-2	120	14																									
	D	200	40			37	Y200L2-2	55	Y250M-2	75	Y280S-2	100	10																									
CZ100-315	A	270	135	5.5	75.5	160	Y315M2-2					132	32	1.5	72	1.5	72	30	Y200L-4	30	Y200L-4	30	Y200L-4	15	132	Y315M1-2												
	B	250	130			132	Y315M1-2											120	30																			
	C	230	100			110	Y315S-2	132	Y315M1-2									100	26																			
	D	200	85			75	Y280S-2	110	Y315S-2	132	Y315M1-2	90	21																									
CZ100-400	A											150	50	2	70	2	70	45	Y225M-4	45	Y225M-4	45	Y225M-4	30														
	B										140	48																										
	C										120	40																										
	D										100	30																										



续表4
Table 4 (continued)

型号 Model	叶轮型式	泵额定转速n=2900r/min Speed						泵额定转速n=1450r/min Speed													
		流量 Q m³/h	扬程 H m	汽蚀余量 NPSH m	效率 η %	比重γ=1.00		比重γ=1.35		比重γ=1.84		流量 Q m³/h	扬程 H m	汽蚀余量 NPSH m	效率 η %	比重γ=1.00		比重γ=1.35		比重γ=1.84	
						电机功率及型号 Motor										电机功率及型号 Motor					
						kw		kw		kw						kw		kw		kw	
CZ200-315	A										650	24		4	83.5						
	B										600	20	55			Y250M-4	75	Y280S-4			
	C										550	16	37			Y225S-4	45	Y225M-4			
	D										500	13	30			Y200L-4	37	Y225S-4	55	Y250M-4	
CZ200-400	A										650	52	132	Y315M1-4							
	B										560	45	90	Y280M-4	132	Y315M1-4					
	C										500	40	75	Y280S-4	110	Y315S-4	160	Y315M2-4			
	D										450	30	55	Y250M-4	75	Y280S-4	110	Y315S-4			
CZ200-500	A										700	75									
	B										650	65	160	Y315M2-4							
	C										560	55	110	Y250M-4	160	Y315M2-4					
	D										450	40	75	Y280S-4	110	Y315S-4	132	Y315M1-4			
CZ250-315	A										950	22	75	Y280S-4	110	Y315S-4					
	B										900	20			90	Y280M-4					
	C										800	16	55	Y250M-4	75	Y280S-4					
	D																				
CZ250-400	A										1000	44	160	Y315M2-4							
	B										900	38	132	Y315M1-4							
	C										850	30	110	Y315S-4	160	Y315M2-4					
	D										800	24	90	Y280M-4	110	Y315S-4	160	Y315M2-4			
CZ250-500	A										1200	80									
	B										1100	70									
	C										1000	55									
	D										850	45	160	Y315M2-4							
CZ300-400	A										1500	40									
	B										1400	30	160	Y315M2-4							
	C										1300	25	132	Y315M1-4							
	D										1300	20	110	Y315S-4	160	Y315M2-4					
CZ300-500	A										1700	70									
	B										1500	60									
	C										1300	50									
	D										1100	40									

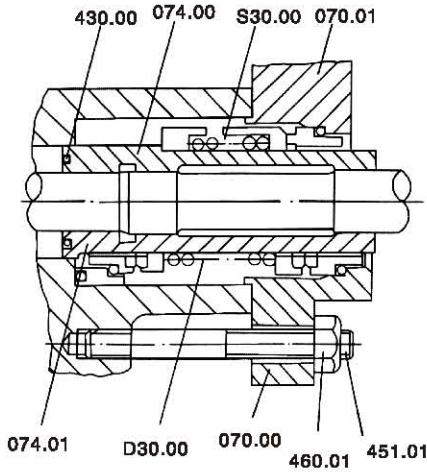
说明：*订货合同在泵型上还应注明叶轮型式，例如：选CZ40-250。

叶轮式为A，应写为CZ40-250A。

*表中有流量、扬程值而无功率值的泵，需订货时当面确定。

Explanation: *The impeller type should be indicated in addition to the pump model in the purchasing contract, for example, if CZ40-250 is selected and the impeller type is "A", it should be indicated as CZ40-250A.

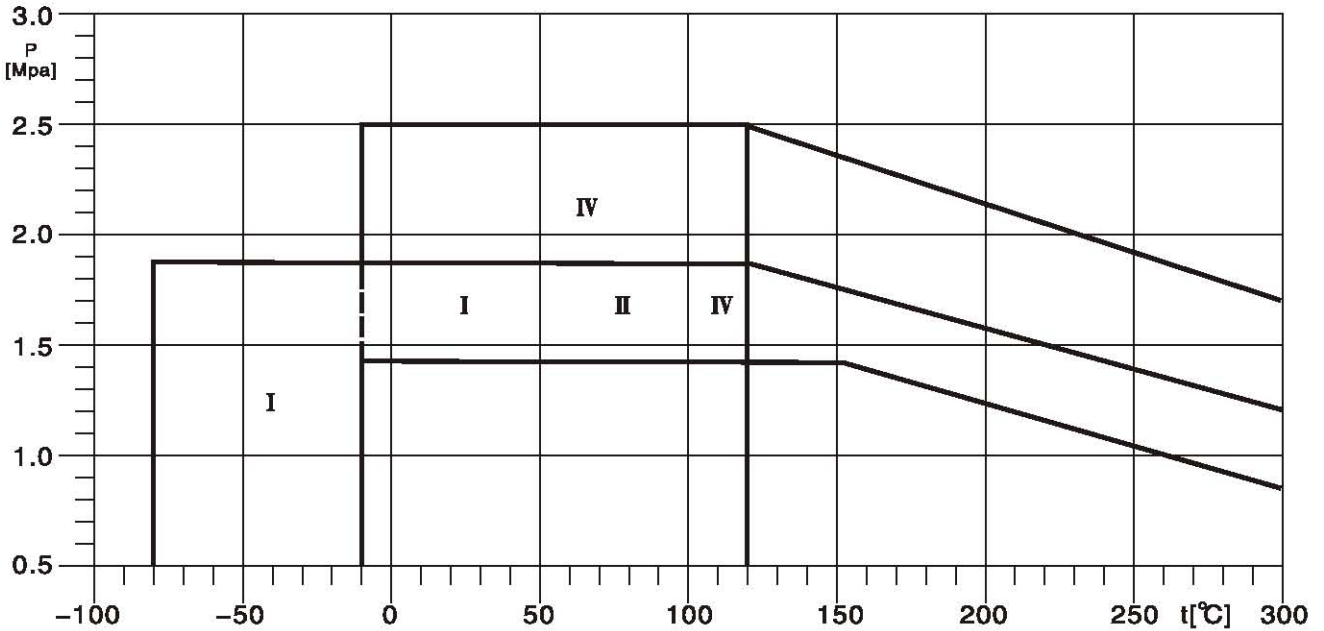
*For a pump listed in the table which has quantity of flow and delivery head but no value of power, it should be discussed and decided when placing the order.



- | | | |
|--------|-------|------------------------|
| 430.00 | ○ 型 圈 | O-ring |
| 074.00 | 轴 套 | Shaft sleeve |
| 074.01 | 轴 套 | Shaft sleeve |
| S30.00 | 单端面密封 | Single mechanical seal |
| D30.00 | 双端面密封 | Double mechanical seal |
| 070.00 | 密封压盖 | Sealing cover |
| 070.01 | 密封压盖 | Sealing cover |
| 460.01 | 螺 母 | Nut |
| 451.01 | 螺 栓 | Bolt |

压力-温度图表

Diagram of pressure-temperature



泵体、泵盖材料 Casing and Stuffing box housing		试验压力 Test pressure
I 类 Type	1.4321(B), 1.4308(304), 1.4446(304L)	2.7MPa
II 类 Type	1.4410(M), 1.4408(316), 1.6902(316L), 2.4879(804) 1.4500(904), 1.4536(904L) 钛及钛合金 Titanium and titanium alloy	
III 类 Type	E HT20-40	2.1MPa
IV 类 Type	ZG25	3.75MPa
V 类 Type	ZG1Cr13	

剖面图
Sectional drawing

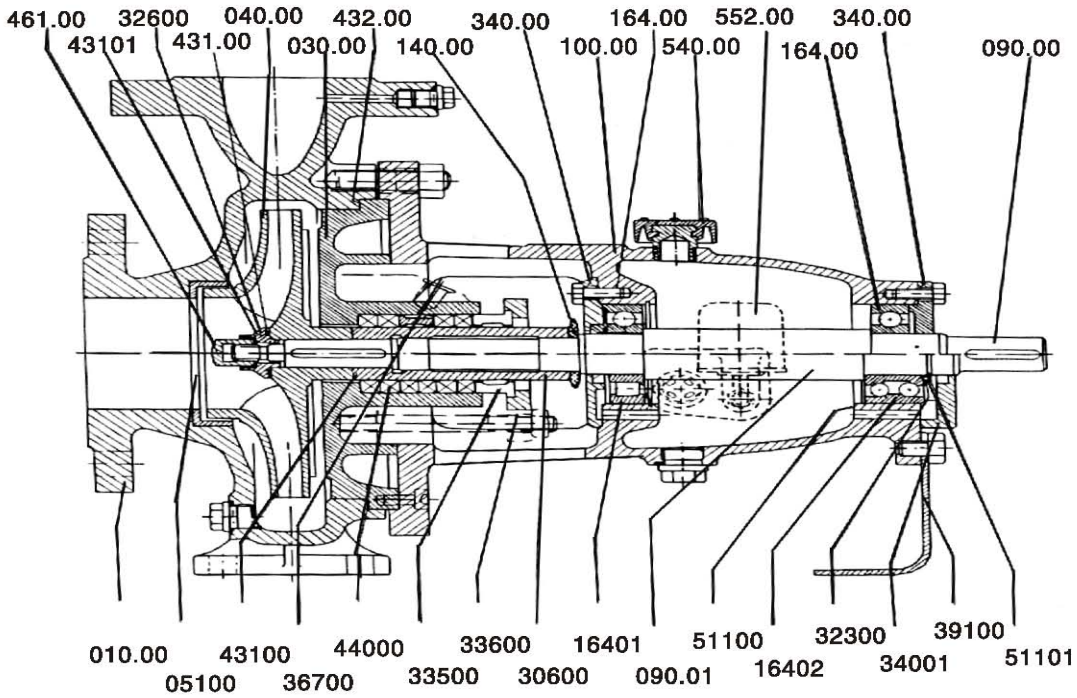


图4 带付叶片的叶轮，填料函不需冷却
Figure 4. Vane auxiliary blade, stuffing box not cooled.

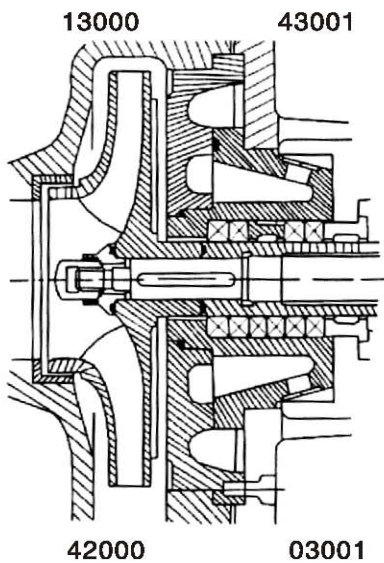


图5 带付叶片的叶轮，填料函带冷却
Figure 5. Vane with auxiliary blade, stuffing box cooled.

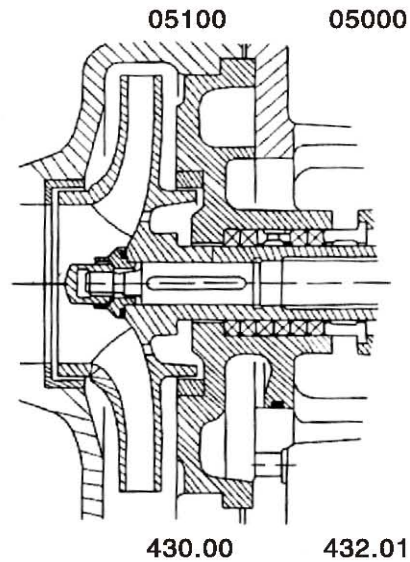


图6 带平衡孔的叶轮，叶轮名义直径为315毫米，后壳耐磨环。填料函冷却/不冷却。
Figure 6. Vane with balancing hole, nominal diameter of the vane being 315mm, back shell anti-abrasion ring. Stuffing box cooled/not cooled.



010.00	泵体	Casing
030.00	填料函	Stuffing box housing
030.01	填料函	Stuffing box housing
*040.00	叶轮	Impeller
*050.00	磨损环	Wear ring
*051.00	磨损环	Wear ring
090.00	轴	Shaft
090.01	轴	Shaft
100.00	轴承架	Bearing frame
130.00	泵盖	Plate
140.00	防酸环	Deflector
164.00	滚动轴承	Antifriction bearing
164.01	滚动轴承	Antifriction bearing
164.02	滚动轴承	Antifriction bearing
*306.00	轴套	Shaft sleeve
323.00	挡圈	Collar
*326.00	卡盘	Collar disc
335.00	压盖视套	Gland insert
336.00	压盖法兰	Gland flange
340.00	轴承压盖	Bearing cover
340.01	轴承压盖	Bearing cover
367.00	水封环	Lantern ring
391.00	支脚	Foot
430.00	○形环	○-ring
430.01	○形环	○-ring
431.00	密封环	Sealing ring
*431.01	密封环	Sealing ring
*432.00	密封垫	Gasket
*432.01	密封垫	Gasket
*440.00	填料	Packing ring
*461.00	叶轮螺母	Cap nut
511.00	卡环	Circlip
511.01	卡环	Circlip
540.00	排气油塞	Oil filling plug
552.00	恒位油杯	Constant level oiler

订货须知

1、根据使用条件决定泵的规格、材料、轴封型式及原动机。订货时应指出流量、扬程、吸入压力、选用材料、介质的名称、比重及温度等。

2、配用特殊电动机时，要指出防爆等级、功率、电压、周波等。

3、若选用机械密封，订货时应提出。

4、本样本内所列性能参数，用户可在其范围内任选，指定叶轮型式或指定性能参数。

Ordering Instructions

1.Pump size , pump material , type of shaft sealing as well as driver should be determined according to service condition .And capacity , total head , suction pressure , the name of medium , specific gravity and temperature of medium should be specified when ordering.

2.If special type motor is required , the customer should specify the explosive proof grade , rated output , frequency and voltage etc.

3.If the customer requires to select mechanical sealing . the type and size of mechanical sealing should be specified by customer in ordering.

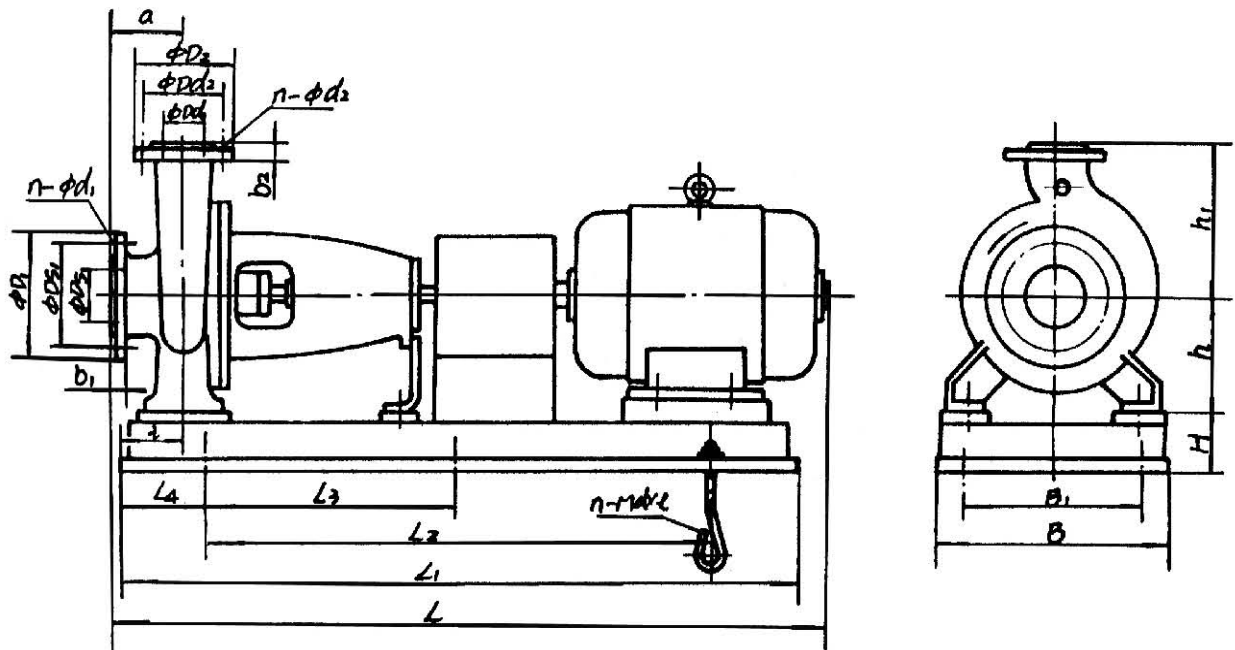
4.The data listed in catalog can be selected by customer with the range of the performance and the type of the impeller of the performance should be specified.

带“*”号者为易损件
*Being spare parts



CZ标准化工泵安装尺寸图

Figure of installation of standard chemical pump of Model-CZ series





CZ泵进出口法兰尺寸

The flange size of the input and output ports of Model-CZ pump series

泵型号 Model of pump	ΦD_{s1}	ΦD_{s1}	ΦD_1	Φb_1	$n-\Phi d_1$	ΦD_d	ΦD_{d2}	ΦD_2	Φb_2	$n-\Phi d_2$
CZ32-160	50	125	165	20	4- $\Phi 17.5$	32	100	140	18	4- $\Phi 17.5$
ANSI150RF	50	121			4- $\Phi 19$	32	98			4- $\Phi 16$
CZ32-200	50	125	165	20	4- $\Phi 17.5$	32	100	140	18	4- $\Phi 17.5$
ANSI150RF	50	121			4- $\Phi 19$	32	98			4- $\Phi 16$
CZ32-250	50	125	165	20	4- $\Phi 17.5$	32	100	140	18	4- $\Phi 17.5$
ANSI125EF	50	121			4- $\Phi 19$	32	98			4- $\Phi 16$
CZ40-160	65	145	185	22	8- $\Phi 17.5$	40	110	150	18	4- $\Phi 17.5$
ANSI150RF	65	140			4- $\Phi 19$	40	98			4- $\Phi 16$
CZ40-200	65	145	185	22	8- $\Phi 17.5$	40	110	150	18	4- $\Phi 17.5$
ANSI150RF	65	140			4- $\Phi 19$	40	98			4- $\Phi 16$
CZ40-250	65	145	185	22	8- $\Phi 17.5$	40	110	150	18	4- $\Phi 17.5$
ANSI150RF	65	140			4- $\Phi 19$	40	98			4- $\Phi 16$
CZ40-315	65	145	185	22	8- $\Phi 17.5$	40	110	150	18	4- $\Phi 17.5$
ANSI150RF	65	140			4- $\Phi 19$	40	98			4- $\Phi 16$
CZ50-160	80	160	200	24	8- $\Phi 17.5$	50	125	165	20	4- $\Phi 17.5$
ANSI150RF	80	152			4- $\Phi 19$	50	121			4- $\Phi 19$
CZ50-200	80	160	200	24	8- $\Phi 17.5$	50	125	165	20	4- $\Phi 17.5$
ANSI150RF	80	152			4- $\Phi 19$	50	121			4- $\Phi 19$
CZ50-250	80	160	200	24	8- $\Phi 17.5$	50	125	165	20	4- $\Phi 17.5$
ANSI150RF	80	152			4- $\Phi 19$	50	121			4- $\Phi 19$
CZ50-315	80	160	200	24	8- $\Phi 17.5$	50	125	165	20	4- $\Phi 17.5$
ANSI150RF	80	152			4- $\Phi 19$	50	121			4- $\Phi 19$
CZ65-160	100	190	235	24	8- $\Phi 22$	65	145	185	22	8- $\Phi 17.5$
ANSI150RF	100	190			8- $\Phi 19$	65	140			4- $\Phi 19$
CZ65-200	100	190	235	24	8- $\Phi 22$	65	145	185	22	8- $\Phi 17.5$
ANSI150RF	100	191			8- $\Phi 19$	65	140			4- $\Phi 19$
CZ65-250	100	190	235	24	8- $\Phi 22$	65	145	185	22	8- $\Phi 17.5$
ANSI150RF	100	191			8- $\Phi 19$	65	140			4- $\Phi 19$



续表1

Table 1 (continued)

泵型号 Model of pump	ΦD_{s1}	ΦD_{s1}	ΦD_1	Φb_1	$n-\Phi d_1$	ΦD_d	ΦD_{d2}	ΦD_2	Φb_2	$n-\Phi d_2$
CZ65-315	100	190	235	24	8- $\Phi 22$	65	145	185	22	8- $\Phi 17.5$
ANSI150RF	100	191			8- $\Phi 19$	65	140			4- $\Phi 19$
CZ80-160	125	220	270	26	8- $\Phi 26$	80	160	200	22	8- $\Phi 17.5$
ANSI150RF	125	216			8- $\Phi 22$	80	152			4- $\Phi 19$
CZ80-200	125	220	270	26	8- $\Phi 26$	80	160	200	24	8- $\Phi 17.5$
ANSI150RF	125	216			8- $\Phi 22$	80	152			4- $\Phi 19$
CZ80-250	125	220	270	26	8- $\Phi 26$	80	160	200	24	8- $\Phi 17.5$
CZ80-315	125	220	270	26	8- $\Phi 26$	80	160	200	24	8- $\Phi 17.5$
ANSI150RF	125	216			8- $\Phi 22$	80	152			4- $\Phi 19$
CZ80-400	125	220	270	26	8- $\Phi 26$	80	160	200	24	8- $\Phi 17.5$
ANSI150RF	125	216			8- $\Phi 22$	80	152			4- $\Phi 19$
CZ100-200	125	220	270	26	8- $\Phi 26$	100	190	235	24	8- $\Phi 22$
CZ100-250	125	220	270	26	8- $\Phi 26$	100	190	235	24	8- $\Phi 22$
ANSI150RF	125	216			8- $\Phi 22$	100	191			8- $\Phi 19$
CZ100-315	125	220	270	26	8- $\Phi 26$	100	190	235	24	8- $\Phi 22$
ANSI150RF	125	216			8- $\Phi 22$	100	191			8- $\Phi 19$
CZ100-315	125	220	270	26	8- $\Phi 26$	100	190	235	24	8- $\Phi 22$
ANSI150RF	125	216			8- $\Phi 22$	100	191			8- $\Phi 19$
CZ100-400	125	220	270	26	8- $\Phi 26$	100	190	235	24	8- $\Phi 22$
ANSI150RF	125	216			8- $\Phi 22$	100	191			8- $\Phi 19$
CZ125-250	150	250	300	28	8- $\Phi 26$	125	220	270	26	8- $\Phi 26$
ANSI125EF	150	241			8- $\Phi 22$	125	216			8- $\Phi 22$
CZ125-315	150	250	300	28	8- $\Phi 26$	125	220	270	26	8- $\Phi 26$
ANSI150RF	150	241			8- $\Phi 22$	125	216			8- $\Phi 22$
CZ125-400	150	250	300	28	8- $\Phi 26$	125	220	270	26	8- $\Phi 26$
ANSI150RF	150	241			8- $\Phi 22$	125	216			8- $\Phi 22$



续表2

Table 2 (continued)

泵型号 Model of pump	ΦD_{s1}	ΦD_{s1}	ΦD_1	Φb_1	$n-\Phi d_1$	ΦD_d	ΦD_{d2}	ΦD_2	Φb_2	$n-\Phi d_2$
CZ150-250	200	310	360	30	12- $\Phi 26$	150	250	300	28	8- $\Phi 26$
ANSI150RF	200	298			8- $\Phi 22$	150	241			8- $\Phi 22$
CZ150-315	200	310	360	30	12- $\Phi 26$	150	250	300	28	8- $\Phi 26$
ANSI150RF	200	298			8- $\Phi 22$	150	241			8- $\Phi 22$
CZ150-400	200	310	360	30	12- $\Phi 26$	150	250	300	28	8- $\Phi 26$
ANSI150RF	200	298			8- $\Phi 22$	150	241			8- $\Phi 22$
CZ150-500	200	310	360	30	12- $\Phi 26$	150	250	300	28	8- $\Phi 26$
CZ150-500	200	310	360	30	12- $\Phi 26$	150	250	300	28	8- $\Phi 26$
CZ200-250	200	310	360	30	12- $\Phi 26$	200	310	360	30	12- $\Phi 26$
ANSI150RF	200	298			8- $\Phi 22$	200	298			8- $\Phi 22$
CZ200-315	250	370	425	32	12- $\Phi 30$	200	310	360	30	12- $\Phi 26$
ANSI150RF	250	362			12- $\Phi 26$	200	298			8- $\Phi 22$
CZ200-400	250	370	425	32	12- $\Phi 30$	200	310	360	30	12- $\Phi 26$
CZ200-500	250	370	425	32	12- $\Phi 30$	200	310	360	30	12- $\Phi 26$
CZ250-315	300	430	485	34	16- $\Phi 30$	250	370	425	32	12- $\Phi 30$
ANSI150RF	300	432			12- $\Phi 26$	250	362			12- $\Phi 26$
CZ250-400	300	430	485	34	16- $\Phi 30$	250	370	425	32	12- $\Phi 30$
ANSI150RF	300	432			12- $\Phi 26$	250	362			12- $\Phi 26$
CZ250-500	300	430	485	34	16- $\Phi 30$	250	370	425	32	12- $\Phi 30$
CZ300-400	350	490	555	38	16- $\Phi 33$	300	430	485	34	16- $\Phi 30$
CZ300-500	350	490	555	38	16- $\Phi 33$	300	430	485	34	16- $\Phi 30$



续表3

Table 3 (continued)

泵型号 Model of pump	电机机座号 Number of the motor base	a	h	h1	L	L1	L2	L3	L4	B	B1	n-Md×l	H	i	质(量)量 Quantity (weight) Kg										
CZ32-160 ANSI150RF	90S	80	132	160	915	900	600		150	390	350	4-M12×220	125	75	120										
	90L				940										123										
	100L				985										131										
	112M				1005										143										
	132S				1080										1000	660	170	182							
CZ32-200 ANSI150RF	90L	80	160	180	940	900	600		150	390	350	4-M12×220	125	75	129										
	100L				985										137										
	112M				1005										149										
	132S				1080										1000	660	170	194							
	160M				1205										1120	740	190	305							
CZ32-250 ANSI125EF	90S	100	180	225	1050	1000	660		170	390	350	4-M12×220	125	90	196										
	90L				1070										199										
	100L				1120										196										
	112M				1140										1120	740	190	208							
	132S				1215										1250	840	205	233							
	160M				1340										1400	940	230	279							
	180L				1385										1515	1400	940	230	301						
CZ40-160 ANSI150RF	90S	100	132	160	915	900	600		150	390	350	4-M12×220	125	75	122										
	90L				940										125										
	100L				985										133										
	112M				1005										145										
	132S				1080										1000	660	170	184							
	160M				1205										1120	740	190	246							
CZ40-200 ANSI150RF	90S	100	160	180	935	900	600		150	390	350	4-M12×220	125	75	143										
	90L				960										146										
	100L				1005										154										
	112M				1025										166										
	132S				1100										1000	660	170	199							
	160M				1225										1120	740	190	286							
CZ40-250 ANSI150RF	90S	100	180	225	1050	1000	660		170	390	350	4-M12×220	125	90	195										
	90L				1070										198										
	100L				1120										194										
	112M				1140										1120	740	190	206							
	132S				1215										1250	840	205	231							
	160M				1340										1400	940	230	282							
	180L				1385										1410	1400	940	230	304						
	200L				1515										1400	940	230	440	400	4-M16×220	170	100	343		
	225M				1555										1695	1600	1060	530	270	600	550	6-M16×220	190	90	449
CZ40-315 ANSI150RF	112M	125	200	250	1165	1120	740		190	390	350	4-M12×220	125	105	235										
	132S				1240										260										
	160M				1365										1250	840	205	311							
	160L				1410										1435	1400	940	230	333						
	180M				1435										1540	1400	940	230	440	400	4-M16×220	140	105	371	
	200L				1540										1580	1600	1060	530	270	600	550	6-M16×220	170	105	473
	225M				1580										1695	1600	1060	530	270	600	550	6-M16×220	190	105	547
	250M				1695										1600	1060	530	270	600	550	6-M16×220	190	105	775	
CZ50-160 ANSI150RF	90S	100	160	180	935	900	600		150	390	350	4-M12×220	125	75	137										
	90L				960										140										
	100L				1005										148										
	112M				1025										160										
	132S				1100										1000	660	170	193							
	160M				1225										1120	740	190	249							
CZ50-200 ANSI150RF	90S	100	160	200	935	900	600		150	390	350	4-M12×220	125	75	143										
	90L				960										146										
	100L				1005										154										
	112M				1025										166										
	132S				1100										1000	660	170	199							
	160M				1225										1120	740	190	255							
	180L				1270										1120	740	190	277							
	180M				1295										1250	840	205	310							



续表4
Table 4 (continued)

泵型号 Model of pump	电机机座号 Number of the motor base	a	h	h1	L	L1	L2	L3	L4	B	B1	n-Md x l	H	i	质(量)量 Quantity (weight) Kg			
CZ50-250 ANSI150RF	90S	125	180	225	1075	1000	660		170	390	350	4-M12 x 220	125	90	197			
	90L				1100										200			
	100L				1140										208			
	112M				1165	1120	740		190						220			
	132S				1245										245			
	160M				1365	1250	840		205						290			
	160L				1410											312		
	180M				1435	1400	940		230						140	100	345	
	200L				1540												452	
	225M				1580										521			
CZ50-315 ANSI150RF	132S	125	225	280	1245	1120	740		190	390	350	4-M12 x 220	125	90	265			
	160M				1365										320			
	160L				1410										342			
	180M				1435	1400	940		230						140	100	375	
	200L				1540												489	
	225M				1580	1600	1060		530						170	90	547	
	250M				1690												779	
	280S				1765	1600	1060		530						270	190	90	880
	280M				1815													956
	CZ65-160 ANSI150RF				90S	100	160		200						1050	1000	660	
90L		1070	185															
100L		1120	183															
112M		1140	1120	740	190			195										
132S		1215								220								
160M		1340	1250	840	205			275										
160L		1385								295								
180M		1410	1400	940	230			170		100	330							
CZ65-200 ANSI150RF	90S	100	180	225	1050	1000	660		170	390	350	4-M12 x 220	125	90	194			
	90L				1070										197			
	100L				1120										205			
	112M				1140	1120	740		190						217			
	132S				1215											242		
	160M				1340	1250	840		205						267			
	160L				1385											309		
	180M				1410	1400	940		230						140	100	342	
	200L				1515												449	
CZ65-250 ANSI150RF	112M	125	200	250	1165	1120	740		190	390	350	4-M12 x 220	135	105	219			
	132S				1245										244			
	160M				1365										299			
	160L				1410	1250	840		205						321			
	180M				1435											354		
	200L				1540	1400	940		230						140	90	461	
	225M				1580												530	
	250M				1695	1600	1060		530						270	230	90	761
	CZ65-315 ANSI150RF				132S	125	225		280						1270	1250	840	
160M		1395	406															
160L		1440	428															
180M		1465	1400	940	230			140		90	461							
200L		1570									521							
225M		1610	1600	1060	530			170		90	617							
250M		1725									813							
280S		1795	1600	1060	530			270		190	90	913						
280M		1845										989						
315S		1985	1800	1200	600			300		250	195	1538						
315M	2035	1718																
CZ80-160 ANSI150RF	90S	125	180	225	1075	1000	660		170	390	350	4-M12 x 220	125	90	191			
	90L				1100										194			
	100L				1140										192			
	112M				1165	1120	740		190						204			
	132S				1245											229		
	160M				1365	1250	840		205						284			
	160L				1410											306		
	180M				1435	1400	940		230						140	100	339	
	200L				1540												446	



续表5
Table 5 (continued)

泵型号 Model of pump	电机机座号 Number of the motor base	a	h	h1	L	L1	L2	L3	L4	B	B1	n-Md×l	H	i	质(量)量 Quantity(weight) Kg										
CZ80-200 ANSI150RF	90S	125	180	250	1075	1000	660		170	390	350	4-M12×220	125	90	197										
	90L				1100										200										
	100L				1140										208										
	112M				1165	1120	740		190						220										
	132S				1245										245										
	160M				1365	1250	840		205						290										
	160L				1410										312										
	180M				1435	1400	940		230						440	400	4-M16×220	140	100	345					
	200L				1540													170	90	452					
	225M				1580										170	90	521								
CZ80-250	132S	125	225	280	1245	1120	740		190	440	400	4-M12×220	125	105	256										
	160M				1365	1250	840		205						314										
	160L				1410										335										
	180M				1435	1400	940		230						440	400	4-M16×220	140	412						
	200L				1540													170	472						
	225M				1580										170	534									
	250M				1695	1600	1060		530						270	530	490	6-M16×220	190	765					
	280S				1765											600	550		230	867					
	280M				1815											650	600		230	943					
	CZ80-315 ANSI150RF				132S	125	250		315						1270	1250	840		205	440	400	4-M12×220	125	105	340
160M		1395	1400	940	230			440		400	4-M16×220	140	105	409											
160L		1440												431											
180M		1465												464											
200L		1570	1600	1060	530			270		530	490	6-M16×220	230	105	524										
225M		1610													170	629									
250M		1725													190	814									
280S		1795	1800	1200	600			300		720	670	6-M16×220	230	195	926										
280M		1845													230	1002									
315S		1985													230	1534									
315M		2035	230	1714																					
CZ80-400 ANSI150RF		132S	125	280	355			1270		1400	940		230	530	490	4-M16×220	140		105						454
		160M						1395																	489
	160L	1440				510																			
	180M	1465				546																			
	200L	1570				629																			
	225S	1615				1600	1060	530	270									530		490	6-M16×220	170	657		
CZ100-200	132S	125	200	280	1240	1120	740		190	390	350	4-M12×220	125	105	245										
	160M				1365	1250	840		205						297										
	160L				1410										318										
	180M				1435	1400	940		230						440	400	4-M16×220	140	105	422					
	200L				1540															170	476				
	225M				1580										170	535									
	250M				1695	1600	1060		530						270	600	550	6-M16×220	230	105	767				
	280S				1765											650	600				230	869			
	280M				1815											650	600				250	945			
	CZ100-250 ANSI150RF				132S	140	225		280						1285	1250	840		205	440	400	4-M12×220	125	105	303
160M		1410	1400	940	230			440		400	4-M16×220	140	105	388											
160L		1455												409											
180M		1480												451											
200L		1585	1600	1060	530			270		530	490	6-M16×220	230	105	534										
225M		1625													170	599									
250M		1740													190	795									
280S		1810	1800	1200	600			300		720	670	6-M16×220	230	195	895										
280M		1860													230	971									
315S		2000													250	1520									
315M	2050	250	1700																						
CZ100-315 ANSI150RF	132S	140	250	315	1285	1250	840		205	440	400	4-M12×220	125	105	334										
	160M				1410	1400	940		230						440	400	4-M16×220	140	105	424					
	160L				1455															445					
	180M				1480	481																			



续表6

Table 6 (continued)

泵型号 Model of pump	电机机座号 Number of the motor base	a	h	h1	L	L1	L2	L3	L4	B	B1	n-Md×l	H	I	质(量) Quantity/weight kg				
CZ100-315	200L	140	250	315	1585	1400	940		230	440	400	4-M16×220	170	105	572				
	225M				1625										530	490	636		
	250 M				1740										600	550	849		
	ANSI150RF				280M	1810	1600	1060	530	270	650		600	6-M16×220	230	195	933		
					280L	1860											1009		
					315S	2000	1800	1200	600	300	720		670		1541				
315M		2050	1721																
CZ100-400	160M	140	280	355	1410	1400	940		230	530	490	4-M16×220	140	125	495				
	160L				1455										516				
	180M				1480	1600	1060	530	270	6-M16×220	170		552						
	200L				1585								653						
	225M				1655								667						
CZ125-250	132S	140	250	355	1285	1250	840		205	440	400	4-M12×220	125	105	323				
	160M				1410	1400	940								230	440	400	413	
	160L				1455			1600	1060	530	270							4-M16×220	140
	180M				1480	472													
	180L				1520	480													
CZ125-315	160M	140	280	355	1410	1400	940		230	530	490	4-M16×220	140	125	469				
	160L				1455										490				
	180M				1480	1600	1060	530	270	6-M16×220	140		125	526					
	200L				1585									627					
	225S				1630									637					
	225M				1655									673					
CZ125-400	160M	140	315	400	1410	1400	940		230	530	490	4-M16×220	140	125	514				
	160L				1455										535				
	180M				1480	1600	1060	530	270	6-M16×220	170		571						
	200L				1585								692						
	225S				1630								683						
	225M				1855								719						
	ANSI150RF				250M	1940	1800	1200	600	300	600		550	6-M16×220	190	230	907		
					280S	2010											998		
132S		1345	1600	1060	530	270	650	600	4-M16×220	160	125	438							
132M		1388										451							
160M	1470	537																	
160L	1515	558																	
180M	1540	591																	
180L	1580	599																	
200L	1645	673																	
225S	1690	682																	
225M	1715	718																	
CZ150-315	160M	160	315	400	1610	1800	1200	600	300	720	670	6-M16×220	160	125	748				
	160L				1655										769				
	180M				1680	1800	1200	600	300	720	670		6-M16×220	160	125	800			
	180L				1720											808			
	200L				1785											882			
	225S				1830											888			
	ANSI150RF				225M	1855	2000	1400	700	2230	2060		2230	2280	2000	1400	700	120	924
					250M	1940													1023
					280S	2010	1128												
					180M	1680	1600	1060	530	270	650		600	4-M16×220	160	125	841		
180L		1720	849																
200L		1785	923																
225S	1830	929																	
225M	1855	965																	
250M	1940	1064																	
280S	2010	1362																	
280M	2060	1467																	
CZ150-400	180M	160	315	450	1700	1800	1200	600	300	720	670	6-M16×220	160	125	944				
	180L				1740										952				
	200L				1805	2000	1400	700	2230	2060	2230		2280	2000	1400	700	1025		
	225S				1850												1036		
	225M				1875												1072		



续表7

Table 7 (continued)

泵型号 Model of pump	电机机座号 Number of the motor base	a	h	h1	L	L1	L2	L3	L4	B	B1	n-Md x l	H	l	质(量)量 Quantity(weight) kg													
CZ150-500	250M	180	375	500	1960	2000	1400	700	300	720	670	6-M16 x 220	160	125	1168													
	280S				2030									1292														
	280M				2080									1397														
	315S				2250									1917														
	315M				2300									2077														
CZ200-250	160M	180	315	425	1520	1400	940		230	650	600	4-M16 x 220	160	125	549													
	160L				1565									570														
	180M				1590									651														
	180L				1630									659														
	200L				1695									741														
ANSI150RF	225S				1600	1060	530	270				6-M16 x 220			745													
	160M	200	355	450	1650	1800	1200	600	300	720	670	6-M16 x 220	160	125	828													
	160L				1695									849														
	180M				1720									880														
	180L				1760									888														
200L	1825				962																							
ANSI150RF	225S				1870										968													
	225M				1895										1004													
	250M				1980										1103													
	280S				2050										1228													
	280M				2100										1333													
CZ200-400	180M	180	355	500	1720	1800	1200	600	300	720	670	6-M16 x 220	160	125	907													
	180L				1760										915													
	200L				1825										989													
	225S				1870										995													
	225M				1895										1031													
	250M				1980										1130													
	280S				2050										1262													
	280M				2100										1367													
	315S				2270										1872													
	315M				2320										2032													
	CZ200-500				200L										200	400	560	1875	1800	1200	600	300	720	670	6-M16 x 220	160	125	1123
225S		1920	1129																									
225M		1945	1165																									
250M		2030	1269																									
280S		2100	1535																									
280M		2150	1640																									
315S		2320	1958																									
315M		2370	2118																									
CZ250-315		200L	250	400	560	1875	1800	1200	600	300	780	730	6-M20 x 400	200				155										1113
		225S				1920																						1130
		225M				1945																						1160
	250M	2030				1274																						
	280S	2100				1411																						
	280M	2150				1516																						
	315S	2320				1845																						
	315M	2370				2005																						
CZ250-400	225S	200	375	600	1920	1800	1200	600	300	870	820	6-M20 x 400	200	165	1119													
	225M				1940										1155													
	250M				2030										1336													
	280S				2100										1484													
	280M				2150										1569													
	315S				2320										1893													
ANSI150RF	315M				2370								230		2053													
	CZ250-500	200	425	670	2030	2000	1400	700	300	870	820	6-M20 x 400	200	165	1345													
					280S										2070	1461												
					280M										2100	1473												
					315S										2140	1596												
CZ300-400	240	450	700	2150	2000	1400	700	300	970	920	6-M20 x 400	230	225	1578														
				315S										2190	1701													
				315M										2320	1902													
														2380	2025													
														2370	2062													
CZ300-500	250	450	750	2110	2240	1600	800	320	970	920	6-M20 x 400	230	225	2185														
				280S										2330	1829													
				280M										2380	1934													
				315S										2550	2256													
				315M										2600	2416													



成都荣升机械设备有限公司

Chengdu Rongsheng mechanical equipment Co., Ltd.

地址：成都市高新区天河路3号

电话：028-87986458

传真：028-87986458

服务热线：15882079707

邮箱：rongsjixiesheb@126.com