

ХИМИЧЕСКИЕ НАСОСЫ СЕРИИ CZ



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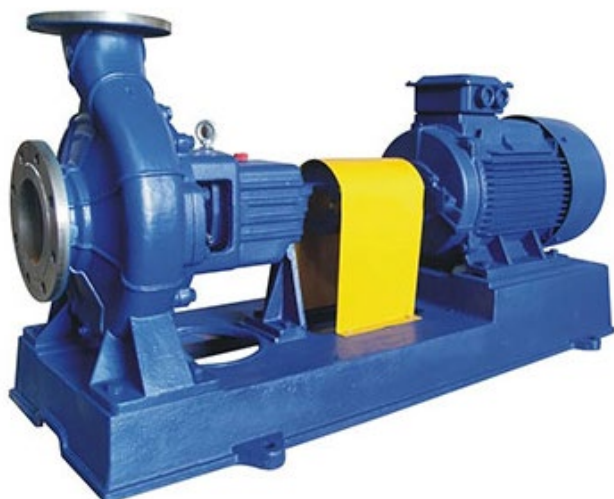
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ХИМИЧЕСКИЕ НАСОСЫ СЕРИИ CZ



Product Description

The impeller of the CZ sulfuric acid pump has a back blade or balanced hole structure to balance the axial force, while the residual axial force is absorbed by the bearing. The bearing is lubricated with thin oil, and the constant oil cup and visual oil window are used to control the lubricating oil level. A bushing is used to protect the shaft to prevent it from contact with the medium, also preventing corrosion and extending its service life and functionality. It is not necessary to dismantle the pipes at the inlet, outlet, and motor, due to the rear drag design.

The entire rotor component can be pulled out from the rear for easy maintenance.

Before turning on the acid pump, both the suction pipe and the pump must be filled with liquid. After the pump is turned on, the impeller will rotate at high speed, and the liquid inside it will rotate with the blades. The liquid will then leave the impeller, being ejected by centrifugal force. As it gradually slows down in the pump casing diffusion chamber, the pressure will gradually increase. At the outlet, the discharge pipe will flow out. From the center of the blade, the liquid will be thrown to the surrounding area to form a low-pressure vacuum area containing neither air nor liquid. The pooled liquid will then flow into the pump through the suction pipe via atmospheric pressure on the surface of the blade, to be continuously sucked up and flowing out of the discharge pipe.

Product Features

- The CZ chemical acid pump is a centrifugal pump of the horizontal single-stage, single-suction, and cantilevered variety, and is designed as per DIN24256, IS02858, and GB5656.
- This series of hydraulic pumps are reliable, stable, and efficient. Their performance satisfies the requirements of international standards.
- Pump structure is simple, making maintenance convenient.

Main Application

This series of the acid pump is used primarily in the chemical, petrochemical, coal chemical, paper, pharmaceutical, sugar processing, food, and food processing industries, as well as in refineries, power plants, waste acid treatment facilities, and water supply and drainage, and urban water supply.

CZ Chemical Process Pumps Performance Parameters:

Size	Im p. typ e	n=2950r/min					n=1450r/min					
		Capacity Q (m3/h)	Head H (m)	S.G.=1. 00	S.G.=1. 35	S.G.=1. 84	Capacity Q (m3/h)	Head H (m)	S.G.=1. 00	S.G.=1. 35	S.G.=1. 84	
				Electric motor power					Electric motor power			
				kw	kw	kw			kw	kw	kw	
CZ3 2- 160	A	20	36	4	5.5	7.5	11	9	1.1	1.1	1.5	
	B	19	29	4	5.5	7.5	10	8				
	C	17	28	3	4	5.5	9	7				
	D	15	20	2.2	3	4	6	5				
	E	13	14				6	3				
CZ3 2- 200	A	20	50	7.5	11	15	10	13	1.5	1.5	2.2	
	B	18	48			11	9	12				
	C	16	40	5.5	7.5	8	10	1.5				
	D	15	30	4	5.5	7.5	8	8				
CZ3 2- 250	A	20	85	15	18.5	30	11	20	2.2	3	4	
	B	20	75			10	19					
	C	18	65	11	15	18.5	9	15			2.2	3
	D	15	50	7.5	11	15	8	11			2.2	
CZ4 0- 160	A	30	34	7.5	11	15	15	8	1.1	1.1	1.5	
	B	28	30	5.5	7.5	11	15	7				
	C	16	26		5.5	7.5	14	6			1.1	
	D	14	18	3	5.5	12	4					
CZ4 0- 200	A	34	50	11	15		16	13	1.5	1.5	2.2	
	B	30	48	7.5	11	15	15	12	1.1		1.5	
	C	26	38	5.5	7.5	11	14	9		1.1	1.1	1.5
	D	22	30			12	7	1.1	1.1			
CZ4 0- 250	A	36	85	22	30	45	20	21	4	2.2	5.5	
	B	34	80	18.5	22	37	18	20	3	4		
	C	30	65	15	18.5	30	16	15	2.2	3	4	
	D	26	50	11	15	18.5	13	12		2.2	2.2	2.2
CZ4 0- 315	A	46	140	45	55	75	22	36	11	11	11	
	B	44	130	37	45	55	22	32	5.5		11	11
	C	40	100	30	37	37	20	24	4	5.5	7.5	
	D	34	80	22	30	37	18	18	3	4	5.5	



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