



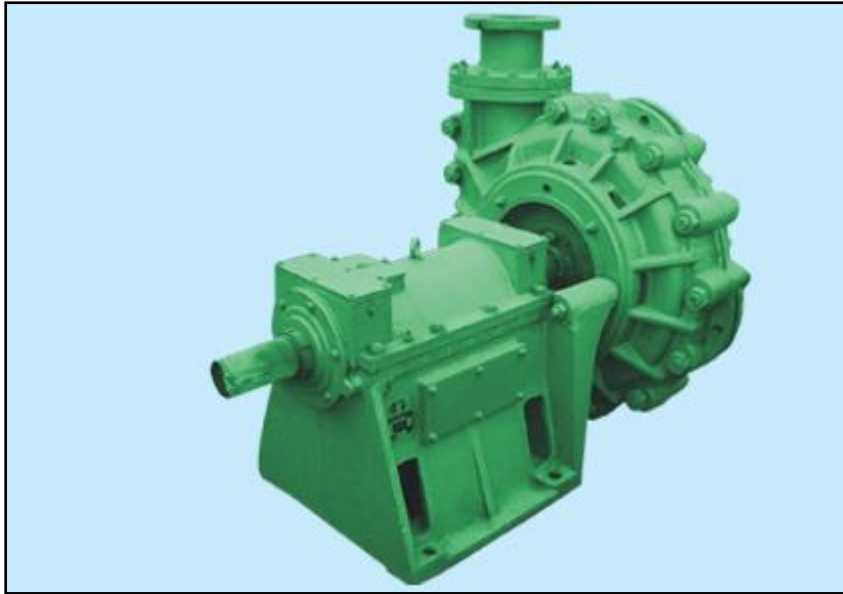
CRIMAR INDUSTRIAL

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Series ZGB Slurry Pump



Explanation of Type:

For example, 100ZGB (P):

100: Diameter of Discharge

Z: Slurry pump

G: High Head

B: Series Code

(P): Multi-stage, (3-4 stages)

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Features

According to the requirements for transporting the ash slurry in power plants, metallurgy, mines and coal industry and so on, based on the dozens of years of experiences, we developed the ZGB(P) slurry pump which has big flow, high head and can be connected multi-stage in series, its features are following:

1. The structure of ZGB (P) pump is horizontal, single-suction, single-stage, cantilever, double-casing and centrifugal, and the wet parts of the same discharge between ZGB and ZGBP can be interchanged;
2. Designed with CAD software, good hydraulic performance, high efficiency and lower abrasion;
3. Wider flow channel, good ability of non-clogging and NPSH;
4. Expeller seal combined with packing seal and mechanical seal to guarantee that no leakage will happen;
5. Reliable design ensures the MTBF (Mean Time between Failures) can be increased significantly;
6. Bearing is lubricated with thin oil, and it can work under low temperature by setting the lubrication and cooling system reasonable;
7. Wet parts are made of special material with good ability of corrosion and wear;
8. The pumps can be connected in multi-stage in series under the allow pressure (3.6MPa).

Technical Parameter Table

Type	Performance (Clear Water)					Shaft Power (kW)	Diameter of Impeller	Weight (kg)	Diameter of Discharge/Suction (mm)
	Speed	Flow	Head	Efficiency	NPSH _r				

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	(r/min)	(l/s)	(m)	(%)	(m)		(mm)		
65ZGB	1480	31.7	58	62.5	4.5	19.7-33.4	390	1850	65/80
		26.4	60	59.8	3.7				
		15.8	61	47.4	3.0				
	980	21.0	25.4	62.5	2.0	5.73-9.69			
		17.5	26.3	59.8	1.8				
		10.5	26.7	47.4	1.3				
80ZGB(P)	1480	56.7	87.5	66.1	5.2	56.0-75.7	485	2500	80/100
		47.2	90.0	63	4.1				
		28.3	91.6	48.7	2.7				
	980	37.5	38.4	66.1	2.3	16.3-22.0			
		31.3	39.5	63	1.8				
		18.8	40.2	48.7	1.2				
	1480	52.0	73.7	66.1	4.4	42.0-56.7	445		
		43.3	75.8	63	3.5				
		26.0	77.1	48.7	2.3				
	980	34.4	32.3	66.1	1.9	12.2-16.5			
		28.7	33.2	63	1.5				
		17.2	33.8	48.7	1.0				
1480	46.8	59.5	66.1	3.5	30.5-41.1	400			
	38.9	61.2	63	2.8					
	23.3	62.3	48.7	1.8					

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	980	31.0	26.1	66.1	1.5	8.8-12.0			
		25.8	26.8	63	1.2				
		15.4	27.3	48.7	0.8				
100ZGB(P)	1480	116.7	85.1	77.9	6.0	91.4-124.9	500	3000	100/152
		97.2	88.2	74.4	3.8				
		58.3	91.8	57.4	2.6				
	980	77.3	37.3	77.9	2.7	26.6-36.3			
		64.4	38.7	74.4	1.7				
		38.6	40.3	57.4	1.2				
	1480	105	68.9	77.9	4.9	66.7-91.0	450	3000	100/152
		87.5	71.4	74.4	3.1				
		52.5	74.4	57.4	2.1				
	980	69.5	30.2	77.9	2.1	19.4-26.4			
		57.9	31.3	74.4	1.7				
		34.8	32.6	57.4	1.1				
	1480	93.4	54.5	77.9	3.8	46.9-64.0	400	3450	150/200
		77.8	56.4	74.4	2.4				
		46.7	58.8	57.4	1.7				
980	61.8	23.9	77.9	1.7	13.6-18.6				
	51.5	24.7	74.4	1.1					
	30.9	25.8	57.4	0.8					
150ZGB(P)	980	200	85.2	77.7	3.8	174.4-	740	3450	150/200

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		167	87.5	70.0	3.5	226.6				
		100	90.0	53.3	2.7					
	740	151.2	48.6	77.7	2.2	75.3-97.7				
		126.0	49.9	70.0	2.0					
		75.6	51.3	53.3	1.5					
	980	182.4	73.0	77.7	3.3	136.5-177.1	685			
		152.0	75.0	70.0	3.0					
		91.2	77.1	53.3	2.3					
	740	140.0	41.6	77.7	1.9	59.9-77.7				
		117.0	42.8	70.0	1.7					
		70.2	44.0	53.3	1.3					
	980	169.2	61.8	77.7	2.8	107-139	630			
		141.0	63.4	70.0	1.5					
		84.6	65.2	53.3	1.1					
	740	129.6	35.2	77.7	1.6	46.7-60.7				
		108.0	36.1	70.0	0.9					
		64.8	37.2	53.3	0.6					
200ZGB(P)	980	300.0	89.0	76.3	6.7	91.4-124.9	740	4000	200/250	
		250.0	93.4	73.7	5.6					
		150.0	94.2	63.2	2.7					
	740	226.5	50.7	76.3	3.8	219.7-342.9				
		188.5	53.3	73.7	3.2					

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		113.3	53.7	63.2	1.5				
	980	283.8	79.6	76.3	6.0	94.3-147.5	700		
		236.5	83.4	73.7	6.0				
		141.9	84.3	63.2	2.4				
	740	214.3	45.4	76.3	3.4	185.8-290.2			
		178.6	47.6	73.7	2.9				
		107.1	48.1	63.2	1.4				
	980	259.5	66.6	76.3	5.0	80-125	640		
		216.2	69.9	73.7	4.2				
		129.7	70.5	63.2	2.0				
	740	195.9	38.0	76.3	2.9	61-95.6			
		134.9	39.9	73.7	2.4				
		97.9	40.2	63.2	1.1				
250ZGB(P)	980	400.0	84.0	78.2	7.3	284.4-432.1	740		
		333.3	88.0	77.0	5.7				
		200.0	90.1	64.1	3.3				
	740	302.0	47.9	78.2	4.2	122.5-186			
		251.7	50.2	77.0	3.3				
		151.0	51.4	64.1	1.9				
	980	378.4	75.2	78.2	7.1	240.7-366	700		
		315.3	78.7	77.0	5.1				
		189.2	80.6	64.1	3.0				

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	740	285.7	42.9	78.2	4.0	103.6- 157.6	645		
		138.1	44.9	77.0	2.9				
		142.9	46.0	64.1	1.7				
	980	348.6	63.8	78.2	5.5	142.2-286			
		290.5	66.9	77.0	4.3				
		131.6	68.5	64.1	2.5				
	740	263.2	36.4	78.2	3.1	61.3-123.2			
		219.4	38.1	77.0	2.5				
		99.4	39.1	64.1	1.4				
300ZGB	980	533.3	84.3	81.2	6.9	373.8-567	700	5500	300/350
		444.4	89.8	80.0	5.0				
		266.7	93.4	68.3	3.5				
	740	402.7	48.1	81.2	3.9	163.7- 244.3			
		335.6	51.2	80.0	2.9				
		201.3	53.3	68.3	2.0				
	980	493.3	72.1	81.2	5.9	295.8- 448.6	703		
		411.1	76.8	80.0	4.3				
		246.7	79.9	68.3	3.0				
	740	372.5	41.1	81.2	3.4	121.7- 193.1			
		310.4	43.8	80.0	2.5				
		177.9	45.6	68.3	1.7				
	980	453.3	60.9	81.2	5.0	229.7-	646		

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		377.8	64.9	80.0	3.6	348.2			
		226.7	67.5	68.3	2.5				
	740	342.3	34.7	81.2	2.9	98.8-149.8			
		285.3	37.0	80.0	2.1				
		171.2	38.5	68.3	1.4				

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