

性能参数表 Pump Table of Performance

基本参数 Base parameter 型号 Pump model	转速 r/min Speed	流量 m ³ /h Capacity range	扬程 m Head range	额定流量 Capacity	额定扬程 Total head	效率 % Efficiency	轴功率 kw Input power	配套电机 Matched motor	
								比重 $\gamma = 1.00$	比重 $\gamma = 1.40$
80-65-125A	2900	30-70	12.5-18	46.5	17.3	64	3.42	Y112M-2/4	Y132S ₁ -2/5.5
80-65-160	1450	18-35	5-8	25	8	60	0.91	Y90S-4/1.1	Y90L-4/1.5
	2900	35-70	27-33	50	32	62	7.02	Y132S ₂ -2/7.5	Y160M ₁ -2/11
80-65-160A	2900	35-70	22-27	45.5	26.5	60	5.47	Y132S ₂ -2/7.5	Y160M ₁ -2/11
80-50-200	1450	18-35	8-13	25	12.5	58	1.47	Y100L ₁ -4/2.2	Y100L ₁ -4/2.2
	2900	35-80	42-50	50	50	60	11.34	Y160M ₂ -2/15	Y160L-2/18.5
80-50-200A	2900	35-70	38-45	46.5	43	59	9.22	Y160M ₁ -2/11	Y160M ₂ -2/15
80-50-200B	2900	35-70	34-40	43.5	38	58	7.76	Y160M ₁ -2/11	Y160M ₁ -2/11
80-50-250	1450	16-40	17-21	25	20	50	2.72	Y100L ₂ -4/3	Y132S-4/5.5
	2900	35-80	70-82	50	80	55	19.8	Y180M-2/22	Y200L ₁ -2/30
80-50-250A	2900	35-70	60-70	46.5	69	54	16.2	Y160L-2/18.5	Y200L ₁ -2/30
80-50-250B	2900	35-70	55-62	43.5	60.5	53	13.5	Y160L-2/18.5	Y180M-2/22
80-50-315	1450	20-30	29-35	25	32	56	3.9	Y132S-4/5.5	Y132M-4/7.5
	2900	40-60	100-127	50	125	51	33.36	Y200L ₂ -2/37	Y250M-2/55
80-50-315A	2900	37-56	86-125	46.5	108	51	26.8	Y200L ₁ -2/30	Y225M-2/45
80-50-315B	2900	35-52	76-100	43.5	94.5	50	22.4	Y200L ₁ -2/30	Y200L ₂ -2/37
100-80-125	1450	35-80	3-5.5	50	5	68	1.00	Y90S-4/1.1	Y90L-4/1.5
	2900	70-105	15-20	100	20	71	7.67	Y160M ₁ -2/11	Y160M ₁ -2/11
100-80-125A	2900	70-100	13-18	93	17.3	70	6.26	Y132S ₂ -2/7.5	Y160M ₁ -2/11
100-80-160	1450	30-70	5-8	50	8	62	1.76	Y100L ₁ -4/2.2	Y100L ₂ -4/3
	2900	70-145	26-33	100	32	66	13.2	Y160M ₂ -2/15	Y160L-2/18.5
100-80-160A	2900	70-120	22-28	93	28	63	11.25	Y160M ₂ -2/15	Y160L-2/18.5
100-65-200	1450	30-70	8-13	50	12.5	64	2.66	Y100L ₂ -4/3	Y112M-4/4
	2900	70-150	42-53	100	50	66	20.6	Y180M-2/22	Y200L ₁ -2/30
100-65-200A	2900	70-120	36-43	93	43	64	17.0	Y180M-2/22	Y200L ₁ -2/30
100-65-200B	2900	70-105	34-38	87	38	63	14.2	Y160L-2/18.5	Y180M-2/22
100-65-250	1450	30-70	13-20	50	20	63	4.32	Y132S-4/5.5	Y132M-4/7.5
	2900	70-150	70-82	100	80	65	33.5	Y200L ₂ -2/37	Y250M-2/55
100-65-250A	2900	70-130	60-70	93	69	64	27.3	Y200L ₂ -2/37	Y225M-2/45
100-65-250B	2900	70-105	55-62	87	60.5	63	22.7	Y200L ₁ -2/30	Y200L ₂ -2/37
100-65-315	1450	30-70	22-33	50	32	58	7.51	Y160M-4/11	Y160M-4/11
	2900	70-160	110-126	100	125	62	54.9	Y280S-2/75	Y280S-2/75
100-65-315A	2900	70-130	96-110	93	108	61	44.8	Y250M-2/55	Y280S-2/75
100-65-315B	2900	60-110	88-96	87	95	60	37.5	Y225M-2/45	Y250M-2/55
100-65-315C	2900	60-130	90-103	90	101	61	40.6	Y225M-2/45	Y280S-2/75
125-100-200	1450	70-150	8-13	100	12.5	73	4.66	Y132S-4/5.5	Y132M-4/7.5
	2900	150-300	42-52	200	50	77	35.4	Y225M-2/45	Y250M-2/5

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								比重 $\gamma = 1.00$	比重 $\gamma = 1.40$
125 - 100 - 200A	2900	150 - 300	38 - 44	186	43	75	29.0	Y200L2 - 2/37	Y225M - 2/45
125 - 100 - 250	1450	70 - 150	15 - 23	100	20	71	7.67	Y160M - 4/11	Y160M - 4/11
	2900	150 - 300	58 - 84	200	80	71	61.3	Y280S - 2/75	Y280M - 2/90
125 - 100 - 250A	2900	150 - 250	54 - 66	180	65	69	46.2	Y250M - 2/55	Y280S - 2/75
125 - 100 - 315	1450	70 - 150	26 - 34	100	32	62	14.1	Y180M - 4/18.5	Y180L - 4/22
	2900	150 - 300	110 - 126	200	125	62	109.3	Y315M1 - 2/132	Y315M2 - 2/160
125 - 100 - 315A	2900	150 - 250	90 - 103	180	101	60	82.4	Y315S - 2/110	Y315M1 - 2/132
125 - 100 - 400	1450	70 - 140	42 - 52	100	50	62	22	Y200L - 4/30	Y225S - 4/37
125 - 100 - 400A	1450	60 - 130	35 - 41	90	40.5	60	16.5	Y180L - 4/22	Y200L - 4/30
125 - 100 - 400B	1450	60 - 120	26 - 32	80	32	57	12.2	Y160L - 4/15	Y180M - 4/18.5
150 - 125 - 250	1450	150 - 300	13 - 23	200	20	72	15.1	Y180M - 4/18.5	Y180L - 4/22
150 - 125 - 250A	1450	150 - 250	12 - 17	180	16.2	72	11	Y160L - 4/15	Y180M - 4/18.5
150 - 125 - 315	1450	150 - 350	24 - 34	200	32	73	23.9	Y200L - 4/30	Y225S - 4/37
150 - 125 - 315A	1450	150 - 250	22 - 27	180	26	73	17.5	Y180L - 4/22	Y200L - 4/30
150 - 125 - 400	1450	150 - 300	40 - 54	200	50	66	41.2	Y225M - 4/45	Y280S - 4/75
150 - 125 - 400A	1450	150 - 250	36 - 45	180	43	66	31.9	Y225S - 4/37	Y225M - 4/45
200 - 150 - 250	1450	250 - 520	13 - 23	400	20	70	31.1	Y225S - 4/37	Y225M - 4/45
200 - 150 - 250A	1450	250 - 450	12 - 17	360	17	68	24.5	Y200L - 4/30	Y225S - 4/37
200 - 150 - 315	1450	300 - 550	25 - 35	400	32	75	46.5	Y250M - 4/55	Y280S - 4/75
200 - 150 - 315A	1450	300 - 500	22 - 27	360	26	72	35.4	Y225M - 4/45	Y250M - 4/55
200 - 150 - 400	1450	300 - 550	40 - 53	400	50	74	73.6	Y280M - 4/90	Y315S - 4/110
200 - 150 - 400A	1450	300 - 500	38 - 44	360	43	71	59.4	Y280S - 4/75	Y280M - 4/90
125 - 80 - 200	1450	50 - 120	8 - 13	80	12.5	63	4.32	Y132S - 4/5.5	Y132M - 4/7.5
	2900	120 - 260	40 - 53	160	50	65	33.5	Y225M - 2/45	Y250M - 2/55
125 - 80 - 200A	2900	100 - 200	34 - 41	140	40	63	24.2	Y200L1 - 2/30	Y200L2 - 2/37
175 - 150 - 250	1450	250 - 450	12 - 21	300	20	73	22.4	Y200L - 4/30	Y225S - 4/37
175 - 150 - 250A	1450	200 - 400	12 - 17	270	17	70	17.9	Y180L - 4/22	Y200L - 4/30
175 - 150 - 315	1450	250 - 450	31 - 38	300	36	75	40.0	Y225M - 4/55	Y280S - 4/75
300 - 250 - 400 - V	1450	650 - 1000	24 - 33	800	32	79	88.2	Y315S - 4/110	Y315M2 - 4/160
300 - 250 - 400 - IV	1450	500 - 700	28 - 40	600	38	70	88.6	Y315S - 4/110	Y315M1 - 4/132
300 - 250 - 400A	1450	400 - 600	24 - 30	500	30	68	60.0	Y280S - 4/75	Y280M - 4/90
300 - 250 - 450	1450	750 - 1000	38 - 52	800	50	78	139.6	Y315M2 - 4/160	YR355M1 - 4/200
300 - 250 - 450A	1450	600 - 900	36 - 42	700	43	76	107.8	Y315M1 - 4/132	Y315M2 - 4/160
300 - 250 - 500	1450	600 - 900	60 - 75	700	70	76	175.5	YR355M1 - 4/200	YR355L1 - 4/250
300 - 250 - 500A	1450	450 - 800	60 - 70	580	65	74	138.7	Y315M2 - 4/160	YR355M1 - 4/200
200 - 200 - 250	1450	300 - 550	10 - 15	400	12.5	75	18.2	Y180L - 4/22	Y200L - 4/30
250 - 250 - 350	980	400 - 600	10 - 15	500	12.5	78	21.8	Y225M - 6/30	Y250M - 6/37
350 - 350 - 450	720	800 - 1200	10 - 15	1000	12.5	80	42.5	Y315S - 8/55	Y315M1 - 8/75

泵阀系列产品

PUMP AND VALVE SERIES PRODUCTS



SPP系列化工混流泵
SPP Chemical Mixed-Flow Pump



性能范围

流量: Q 可达 $7000\text{m}^3/\text{h}$
扬程: H 可达 25m
工作压力: P 可达 0.6MPa
工作温度: t $-20 \sim +120^\circ\text{C}$

应用

化工流程中强制循环
海水养殖
城市煤气工程
水处理系统

总之,本系列泵能够经济有效地输送大流量,低扬程,均匀的或含有一定颗粒的,化学中性的,或有腐蚀性的液体。

特点

泵效率高,能耗小。
泵在整个性能范围内的能耗均匀,可以在闭阀下启动,而电机不致过载。
过流截面大,不易堵塞。
结构坚固,寿命长。

Performance Range

Capacity: Q max. $7000\text{m}^3/\text{h}$
Head: H max. 25m
Operating Pressure: P max. 0.6MPa
Operating Temperature: t $-20 \sim +120^\circ\text{C}$

Application Ranges

Compulsory circulating in chemical processing
Seawater breed aquatics
City natural gas project
Water handing system

Generally, this series pumps can economically and effectively transfer high capacity, low head, homogeneously liquid or slightly polluted materials in it, neutral chemical or corrosive liquid.

Feature

High pump efficiency, low energy consumption.
Pump can evenly consume energy within all performances. Pump can be started when the valve is closed, and the motor does not overload.
Large flow proportion and uneasily blocked.
Solidity structure and long life.

SPP 型泵性能参数表 SPP Type Pump Table of Performance

泵型号 Model of pump 转速n(r/min) Speed	叶轮代号 Code of impeller	叶轮外径 (mm) Outer diameter of impeller	流量 Q (m³/h) Capacity	扬程 H (m) Head	汽蚀余量 (m) (NPSH)r	电机型号及功率(kw) motor model and power					
						输送介质密度(kg/m³) medium density					
						1000		1350		1840	
SPP17 $\frac{1}{2}$ - 20 n = 1450	A	236	360	8.5	3.2	15	160L	18.5	180M	22	180L
	B	222	340	7.5	3	11	160M	15	160L	18.5	180M
	C	210	320	8.3	3	11	160M	11	160M	15	160L
	D	198.5	300	5.0	4.5	7.5	132M	11	160M	11	160M
SPP20 - 25 n = 1450	A	27	530	11.2	4	22	180L	30	200L		
	B	254	500	10	3.9	22	180L	30	200L		
	C	240	460	8.5	3.8	18.5	180M	22	180L	30	200L
	D	226.5	430	7	5.5	15	160L	18.5	180M	22	180L
SPP20 - 25 n = 970	A	270	350	5	4	7.5	160M	11	160L	15	180L
	B	254	330	4.5	3.8	7.5	160M	11	160L	11	160L
	C	240	300	3.9	3.6	5.5	132M	7.5	160M	11	160L
SPP22 $\frac{1}{2}$ - 25 n = 1450	A	304	700	15.8	5	45	225M	55	250M	75	280S
	B	285	650	14	5	37	225S	55	250M	75	280S
	C	270	625	11.5	5	30	200L	45	225M	55	250M
	D	255	575	9.5	5	22	180L	30	200L	45	225M
SPP25 - 25 n = 1450	A	338	900	24	6	90	280M	110	315S		
	B	317	850	21	5.9	75	280S	90	280M		
	C	300	780	18	6	55	250M	75	280S	110	315S
	D	283.5	725	14	6.1	45	225M	75	280S	75	280S
SPP25 - 30 n = 1450	A	338	1100	19.5	6.4	90	280M	110	315S		
	B	317	1040	17	6	75	280S	90	280M		
	C	300	950	14.8	5.8	55	250M	75	280S	110	315S
	D	283.5	880	12	9	45	225M	55	250M	75	280S
SPP25 - 30 n = 970	A	338	750	8.5	4.7	30	225M	37	250M	45	280S
	B	317	700	7.5	4	22	200L ₂	30	225M	37	250M
	C	300	650	6.5	3.8	18.5	200L ₁	22	200L ₂	30	225M
	D	283.5	600	5.3	7.2	15	180L	18.5	200L ₁	30	225M
SPP30 - 35 n = 970	A	405	1300	12.2	4.4	75	315S	75	315S	110	315M ₂
	B	380	1200	11	4	55	280M	75	315S	90	315M ₁
	C	360	1150	9	4	45	280S	55	280M	75	315S
	D	340	1050	7.2	6	30	225M	45	280S	55	280M
SPP35 - 35 n = 970	A	472	1600	21	5.2	132	315M ₃	160	355S ₂		
	B	444	1500	17	5.3	90	315M ₁	132	315M ₃		
	C	420	1450	13.5	5.5	75	315S	110	315M ₂	132	315M ₃
	D	396.5	1300	11	7.8	55	280M	75	315S	110	315M ₂
SPP35 - 40 n = 970	A	472	2000	17	6	132	315M ₃	160	355S ₂		
	B	444	1900	15	5.5	110	315M ₂	160	355S ₂		
	C	420	1800	12.2	5.2	90	315M ₁	110	315M ₂	160	355S ₂
	D	396.5	1700	10	8	75	315S	90	315M ₁	110	315M ₂
SPP35 - 40 n = 730	A	472	1500	9.6	4	55	315S	75	315M ₁	110	315M ₃
	B	444	1450	8.1	3.9	45	280M	75	315M ₁	90	315M ₂
	C	420	1350	7	3.6	37	280S	55	315S	75	315M ₁
	D	396.5	1250	5.7	5.8	30	250M	37	280S	55	315S
SPP40 - 40 n = 970	A	540	2400	28	7	250	355L		355L		
	B	507	2300	22	7	185	355S ₃	250	355S ₃		
	C	480	2100	18	7	132	315M ₃	185	355S ₃	250	355L
	D	453	2000	14.5	9.8	110	315M ₂	160	355S ₂	185	355S ₃

SPP 型泵续表 1 SPP Type Pump Table 1 (continued)

泵型号 Model of pump	叶轮代号 Code of impeller	叶轮外径 (mm) Outer diameter of impeller	流量 Q (m³/h) Capacity	扬程 H (m) Head	汽蚀余量 (m) (NPSH) _r	电机型号及功率 (kw) motor model and power					
						输送介质密度 (kg/m³) medium density					
						1000		1350		1840	
SPP40-45 n = 970	A	540	3200	20.6	8	250	315L				
	B	507	3000	18.5	7.5	200	355S ₄				
	C	480	2800	16	7.1	160	355S ₃	220	355M		
	D	453	2500	13.5	7	132	315M ₃	185	355S ₃	250	355L
SPP40-45 n = 730	A	540	2400	11.6	6	110	315M ₃	132	355S ₂	185	355M
	B	507	2200	10.9	5.4	90	315M ₂	132	355S ₂	160	355S ₄
	C	480	2000	9.5	5	75	315M ₁	110	315M ₃	132	355S ₂
	D	453	1800	8	8	55	315S	75	315M ₁	110	315M ₃
SPP45-50 n = 730	A	608	3300	15.8	5.2	185	355M				
	B	570	3100	13.8	5	160	355S ₄				
	C	540	2900	12	5	132	355S ₂	160	355S ₄		
	D	510	2600	10.2	7.3	110	315M ₃	132	355S ₂	185	355M
SPP45-50 n = 580	A	608	2600	10	3.4	90	355S ₂	132	355M		
	B	570	2500	8.6	3.1	75	315M ₃	110	355S ₄	160	355L
	C	540	2300	7.8	3	75	315M ₃	90	355S ₂	132	355M
	D	510	2200	6	5.8	55	315M ₂	75	315M ₃	90	355S ₂
SPP50-50 n = 730	A	675	3700	24	5						
	B	634	3400	20	5						
	C	600	3200	16	5	185	355M				
	D	567	3000	12.8	7	132	355S ₂	185	315M		
SPP50-55 n = 730	A	675	4500	20	5.5						
	B	634	4300	17.5	5.1						
	C	600	4000	15	5						
	D	567	3800	12.3	7.6	185	355M				
SPP50-55 n = 580	A	675	3600	12.6	3.8	160	355L				
	B	634	3400	11	3.4	132	355M				
	C	600	3200	9.4	3.1	110	355S ₄	160	355L		
	D	567	3000	8	5.8	90	355S ₂	132	355M	160	355L
SPP50-60 n = 580	A	742	4800	15	5.2						
	B	696	4400	13.5	5						
	C	660	4100	11.5	4.9	132	355M				
	D	623	3900	9.5	7.2	132	355M				
SPP55-60 n = 480	A	742	3900	10.5	3.5						
	B	696	3700	9.1	3.2						
	C	660	3400	8	2.9						
	D	623	3200	6.5	2.7						
SPP60-60 n = 580	A	810	5200	21.5	5.6	注：1、订货时，泵名称由泵型号和叶轮代号组成。例如 SPP20-25 泵，叶轮代号为 A，则泵名称为 SPP20-25A。 2、大于 SPP50-50 规格的泵，此表中空白处的电机型号在订货时另行商定。 Remarks: 1. When ordering, the name of pump shall be made up of pump model and blade wheel code. For example: if it is an SPP20-25 pump with blade wheel code of A, then the name of the pump is SPP20-25A. 2. As for other pumps higher than SPP50-50 in specification, the motor model in the blank space of table should be agreed upon when ordering.					
	B	760	5000	17	5.6						
	C	720	4500	14	5.6						
	D	680	4300	11	7.8						
SPP60-65 n = 580	A	810	6200	17	6.2						
	B	760	5800	15	6						
	C	720	5400	13	5.8						
	D	680	5100	10.5	8						
SPP60-65 n = 480	A	810	5200	11.5	4.3						
	B	760	4900	10	3.8						
	C	720	4700	8.5	3.7						
	D	680	4400	7	7						



概述

S、SH 水平中开泵与其它同类型的泵相比较具有寿命长、效率高、结构合理，运行成本低、安装及维修方便等特点，是消防、空调、化工、水处理及其它行业的理想用泵。

泵体 泵体的设计压力为 1.6MPa 和 2.0MPa。为满足世界范围用户的不同要求，相应的泵体进出口法兰可按 ANSI、PN 及 JIS 等标准选取。泵体的进出口法兰均位于下泵体，这样可以在不拆卸系统管路的情况下取出转子，维修方便。部分泵体采用双流道设计，以减少径向力，从而延长机封和轴承的寿命。

叶轮 叶轮的水力设计采用了最先进的 CFD 技术，因此提高了 S 泵的水力效率。对叶轮进行动平衡，确保 S 泵的运行平稳。

轴 轴径较粗，轴承间距较短，从而减小了轴的挠度，延长了机械密封和轴承的寿命。

轴套 对于所有的 S 泵，轴套可以采用多种不同的材料，以防止轴被腐蚀和磨损，轴套可更换。

磨损环 泵体与叶轮间采用可更换的磨损环，防止泵体和叶轮的磨损，更换方便，维修费用低，同时保证运行间隙和较高的工作效率。

填料体 独特的填料体设计既可以使用填料也可以使用机械密封，可以在不拆卸泵盖的情况下更换密封装置。

轴承 独特的轴承体设计使轴承可采用油脂或稀油润滑，轴承的设计寿命 10 万小时以上，也可使用双列推力轴承和封闭轴承。

材料 根据用户的实际需要，S 水平中开泵的材料可为铜、铸铁、球铁、316 不锈钢、416 不锈钢、双向钢、哈氏合金、蒙耐合金、钛合金及 20 号合金等材料。

安装方式 S 型泵有两种安装方式 —— 水平安装和立式安装，立式安装可以减少占地面积。

General

Compared with other similar pumps, Model - S horizontal medium - open pump is featured with long life, high efficiency, reasonable structure, low operating cost, convenient installation and repair, etc. It is an ideal pump for fire fighting, air - conditioning, chemical, water treatment and other industries.

Pump body

The designed pressures of the pump are 1.6 Mpa and 2.0 Mpa. In order to meet different users' requirements around the world, the relevant inlet and outlet flanges of pump body can be chosen according to ANSI, PN and JIS standards. These inlet and outlet flanges are all installed in the lower part of pump body, so the rotor can be taken out without disassembling pipelines of the system, and it is convenient to repair. Part of the pump body adopts a double - flow - passage structure in design, which can lower the radial force and extend the life of the mechanic seal and the bearing.

Blade wheel

The hydraulic design of the blade wheel uses the up - to - date CFD technology, which can improve the hydraulic efficiency of the pump. The blade wheel has been made in a dynamic balance, so as to make sure that model - S pump can run very smoothly.

Shaft

The diameter of the shaft is big, while the gap between bearings is short. This can lower the deflection of the shaft, so as to extend the life of the mechanic seal and the bearing.

Shaft casing

For model - S pumps, the shaft casing can be made of many different materials, so as to protect the shaft from corrosion and abrasion. The shaft casing can be replaced.

Abrasion ring

A replaceable abrasion ring is installed between the pump body and blade wheel, so as to protect the pump body and blade wheel from abrasion. It is convenient to replace. This results in low maintenance cost, guarantees enough running gap and high efficiency.

Stuffing

The pump with unique stuffing design can use not only stuffing, but also mechanic seal. The seal device can be replaced without disassembling pump cover.

Bearing

The unique bearing design makes it possible that the bearing can use either grease or thin oil for lubrication. The designed life of the bearing can be up to more than 100,000 hours. A double - row thrust bearing or closed - type bearing can also be used.

Materials

According to actual demands of users, the materials of model - S horizontal medium - open pump can be copper, cast iron, nodular cast iron, 316 stainless steel, 416 stainless steel, duplex steel, Hastelloy, monelmetal, Titanium alloy, 20# alloy, etc.

Installation mode

Model - S pump can be installed in two ways: horizontal and vertical installments. The vertical installment can save floor space.

S、SH 型泵性能参数表 S、SH Type Pump Table of Performance

泵型号 Pump Model	流量Q Capacity (m³/h)	扬程H Head m	转速n Speed (r/min)	功率(KW) Power		效率η Efficiency (%)	必需气蚀 余量 (NPSH)r (m)	叶轮 外径D Impeller diameter (mm)	重量 泵/底座 weight pump/base (kg)
				轴 Shaft	电动机 electromotor				
150S78	126 160 198	84 78 70	2950	45.3	55	75	3.5	245	158/112
150S78A	112 144 180	67 62 55		33.8	45	72		223	158/95
150S50	130 160 220	52 50 40		27.3	37	80	3.9	206	147/112
150S50A	116 144 180	44 40 35		21	30	75		185	147/95
150S50B	103 133 160	38 36 32		18.6	22	70			147/80
200S95	183 280 324	103 95 85		91.7	125	79.2	5.3	282	240/-
200S95A	198 270 310	94 87 80		85.3	110	75		270	
200S95B	245	72		64.9		74		250	
200S63	216 280 351	69 63 50		58.3	75	82.7	5.4	235	187/135
200S63A	180 270 324	54.5 46 37.5		45.1	55	75		210	187/124
200S42	216 280 342	48 42 35		38.1	45	84.2		204	219/180
200S42A	198 270 310	43 36 31		33.1	37	80		193	
250S65	360 485 612	71 65 56		109	132	78.6	3	450	518/-
250S65A	338 468 540	60 54 50		89.4	110	77		400	
250S39	360 485 612	42.5 39 32.9		61.5	75	83.6	3.2	367	400/240
250S39A	324 468 576	35.5 30.5 25		49.3	55	79		328	400/233
250S24	360 485 576	27 24 19		36.9	45	85.8	3.5	285	
250S24A	342 414 482	22.2 20.3 17.4		27.6	37	83		265	370/201
250S14	360 485 576	17.5 14 11		21.5	30	85.8	3.8	245	305/225
250S14A	320 432 504	13.7 11 8.6		15.8	18.5	82		214	305/215
300S90	590 790 936	93 90 82	1450	243	300	79.6	4	530	840/-
300S90A	576 756 918	86 78 70		217	260	74		500	
300S90B	540 720 900	72 67 57		180	220	73		470	
300S58	576 790 972	65 58 50		148	180	84.2	4.4	445	599/-
300S58A	529 720 893	55 49 42		119	160	81		419	
300S58B	504 684 835	47.2 43 37		100	132	80		394	
300S32	612 790 900	36 32 28		79.2	90	86.8	4.6	348	709/-
300S32A	551 720 810	31 26 24		60.7	75	84		318	
300S19	612 790 935	22 19 14		47	55	86.8	5.2	290	434/485
300S19A	504 720 829	20 16 13		39.2	45	80		260	434/490
300S12	612 790 900	14.5 12 10		30.4	37	84.8	5.5	251	413/243
300S12A	522 684 792	11.8 10 8.7		23.9	30	78		200	413/237
350S75	972 1260 1440	80 75 65		303	356	85.2	5.8	503	1200/-
350S75A	900 1170 1332	70 65 56		247	280	84		470	

注:效率是指中间点效率 Notice: efficiency refers to the efficiency of middle point

S、SH 型泵续表 1 S、SH Type Pump Table 1 (continued)

泵型号 Pump Model	流量Q Capacity (m³/h)			扬程H Head m			转速n Speed (r/min)	功率(KW) Power		效率η Efficiency (%)	必需气蚀 余量 (NPSH)r (m)	叶轮 外径D Impeller diameter (mm)	重量 泵/底座 weight pump/base (kg)
								轴 Shaft	电动机 electromotor				
350S75B	900	1080	1224	59	55	47.5	1450	197	220	82	5.8	443	1200/-
350S44	828	1260	1476	50	44	37		173	220	87.5	6.3	406	11051/-
350S44A	972	1116	1332	41	36	30		131	160	84		370	
350S26	864	1260	1440	32	26	22		102	132	87.5	6.7	340	672/-
350S26A	972	1116	1296	26	21.5	16.5		78.8	90	83		310	
350S16	864	1260	1440	20	16	13.4		64.5	75	85.3	7.1	290	632/-
350S16A	972	1044	1260	16	13.4	10		48.8	55	78		250	
500S98	864	2020	2340	14	98	79	1450	678	800	79.5	6	860	4300/-
500S98A	1620	1872	2170	96	83	67		540	630	78.5		800	
500S98B	1500	1746	2020	86	74	59		452	560	78		745	
500S59	1400	2020	2340	68	59	47		391	450	83		675	2700/-
500S59A	1620	1872	2170	57	49	39		333	400	75		630	
500S59B	1500	1746	2020	46	40	32		257	315	74		585	
500S35	1400	2020	2340	40	35	28	970	219	280	88	7.5	530	2300/-
500S35A	1620	1746	2020	31	27	21		151	220	85		498	
500S22	1400	2020	2340	24.5	22	19.4		144	182	84		460	2000/-
500S22A	1620	1746	2020	20	17	14		104	132	80		410	
500S13	1400	2020	2340	15	13	10.4		86.2	110	83		390	4300/-
600S75	1620	3170		75				727	800	89		782	
600S75A	2880			65			730	580	630	88	7.5	716	3800/-
600S47	3170	3500		56	47	38		465	560	88		626	
600S32	2500	3170	3960	37	32	20		314	380	88		540	
600S32A	2520	2880	3600	31.5	27	20		246	280	86		500	
600S32B	2304	2628		22				187	240	84		480	2500/-
600S22	3170			22				216	250	88	7	485	
600S22A	2880			18			730	161	215	87		440	8300/-
900S75	4320	6330	7200	84.5	75	67		1405	1600	92	8.0	990	
800S48	3600	5070	6200	55	48.5	43		752	1000	89	5.2	990	8300/-
800S29	4300	5400	5760	32	29	27		472	570	90	8.0	716	6000/-
800S29A	3960	5000	5400	29	26	23.7		393.5	440	90	7.0	680	6000/-
800S29B	3600	4700	5000	23.7	20	17.5		284.5	320	90	6.2	625	6000/-
800S29C	3600	4300	4680	22.3	18.6	17		242	280	90	5.0	716	6000/-
800S29D	3240	4000	4300	18.7	16.5	15		200	230	90	4.5	680	6000/-
800S29E	2880	3800	3960	15.6	13	11.5		151.2	185	89	4.0	625	6000/-



概述

该螺杆泵可用于输送中性或腐蚀性的液体，洁净的或磨损性的液体，含有气体或易产生气泡的液体，高粘度或低粘度液体，包括含有纤维和固体物质的液体。主要应用于食品业、纺织业、造纸业、石油业、化工、碱、盐业、造船业、建筑业、核工业、冶金与矿山等行业。

工作原理

单螺杆泵是一种内啮合的密闭式螺杆泵，属转子式容积泵。主要工作部件由具有双头螺旋空腔的定子和在定子孔内与其啮合的单头螺旋螺杆——转子组成。当输入轴通过万向节驱动转子绕定子作行星回转时，定子——转子付就连续地啮合形成密闭腔，这些密闭腔容积不变地作匀速轴向转动，把输送介质从吸入端经流过定子——转子付输送至压出端，吸入密闭腔内的介质流过定子而不被搅动和破坏。因此，可以输送含有坚硬磨损性杂质及固体颗粒的介质和粘稠的液体。

General

For pumping neutral or corrosive liquids, uncontaminated or abrasive liquids, liquids containing gases or which tend to froth, and liquids of high or low viscosity, including liquids containing fibrous and solid material.

principal fields of application

Food industry, Textile mill, paper – making, Petro – industry, Chemical industry, Ship building, Build industry, Nuclear industry, Metallurgical and mine etc.

Operation

The mono pump is a screw pump sealed on the inside gearing, belong to rotor displacement pump. The essential part consists of combination of a stator with two – start female thread and a rotor in planetary motion by the universal coupling, between the stator and the rotor, being in mesh continually, formed many spaces, as the close spaces unchanged in volume are axial moving, the medium handled is transmitted to the outlet port from the inlet port. The liquid transmitted to get not confused or disruptive, thus it is most suitable for lifting mediums containing solid matter, abrasive particles and viscous liquids.

G 型泵性能参数表 G Type Pump Table of Performance

型 号 Model	压 力 Pressure in the delivery branch 0.3MPa				压 力 Pressure in the delivery branch 0.6MPa			
	转速 r/min Speed	流量 m³/h Capacity	轴功率 KW Shaft power	电 机 Motor	转速 r/min Speed	流量 m³/h Capacity	轴功率 KW Shaft power	电 机 Motor
G25-1	720	2.45	0.47	Y132S-8(2.2KW)	720	2.2	0.69	Y132S-8(2.2KW)
	570	1.89	0.39	YCJ71(0.75KW)	579	1.6	0.54	YCJ71(1.1KW)
	506	1.63	0.35		513	1.4	0.50	
	445	1.45	0.31		452	1.14	0.45	
	388	1.18	0.28		393	0.9	0.39	
	334	1.0	0.25		339	0.7	0.34	
	284	0.76	0.22		288	0.53	0.31	
G35-1	579	3.9	0.70	YCJ71(1.1KW)	579	3.25	1.06	YCJ71(1.5KW)
	513	3.4	0.61		513	2.8	0.95	
	452	3.0	0.54		452	2.3	0.83	
	393	2.5	0.46		393	1.9	0.73	
	339	2.0	0.42		339	1.5	0.63	
	288	1.6	0.36		288	1.15	0.54	
	217	1.1	0.29					
G40-1	579	7.9	1.06	YCJ71(1.5KW)	587	6.8	1.8	YCJ71(2.2KW)
	513	6.9	0.93		520	5.7	1.61	
	452	5.9	0.82		458	4.8	1.43	
	393	5.1	0.74		399	4	1.21	
	339	4.2	0.63		344	3	1.05	
	288	3.3	0.53		292	2.2	0.9	
	240	2.65	0.47	YCJ32(1.1KW)	244	1.6	0.75	
	186	1.7	0.36					
G50-1	587	15.7	2.42	YCJ71(3KW)	571	13.4	3.61	YCJ80(4KW)
	520	13.8	1.95		504	11.5	3.2	
	458	12.1	1.64		442	9.5	2.79	
	399	10.2	1.45		383	7.5	2.4	
	344	8.8	1.16		327	6	2.02	
	292	7.1	0.96	YCJ71(2.2KW)	275	4.4	1.71	YCJ80(3KW)
	244	5.6	0.85		223	2.8	1.46	
	171	3.5	0.60	YCJ32(2.2KW)				
G70-1	571	31	4.3	YCJ80(5.5KW)	545	25	7.04	YCJ100(11KW)
	504	27	3.43		479	21	6.11	
	442	24	2.99		417	17.9	5.47	
	383	20	2.53		360	13.5	4.7	
	327	16.5	2.22		305	9.5	3.99	
	244	12	1.63	YCJ100(4KW)	250	7.0	2.88	YCJ100(7.5KW)
	208	8.8	1.5	YCJ160(4KW)	194	3.8	2.47	YCJ180(7.5KW)
	149	5.2	0.95					
G85-1	545	57	7.2	YCJ100(11KW)	545	50	13	YCJ112(15KW)
	479	52	6.8		479	44	12.1	
	417	41.8	6.2		417	35	9.9	
	360	36.1	5.8		360	28.1	8.8	
	305	30	5.5		305	22	7.3	
	254	24	5.0	YCJ112(11KW)	254	16.2	6.5	YCJ112(11KW)
	194	17.5	4.6	YCJ180(7.5KW)	189	9.5	5.8	YCJ200(11KW)
	121	10.4	4.2					

G 型泵续表 1 G Type Pump Table 1 (continued)

型 号 Model	压 力 Pressure in the delivery branch 0.8MPa				压 力 Pressure in the delivery branch 1.2MPa			
	转速 r/min Speed	流量 m³/h Capacity	轴功率 KW Shaft power	电 机 Motor	转速 r/min Speed	流量 m³/h Capacity	轴功率 KW Shaft power	电 机 Motor
G20-2	970	1.45	0.9	Y100L-6(1.5KW)	970	1.35	1.07	Y100L-6(1.5KW)
	720	1.0	0.7	Y132S-8(2.2KW)	720	0.92	0.83	Y132S-8(2.2KW)
	579	0.75	0.65	YCJ71(1.1KW)	579	0.68	0.76	YCJ71(1.1KW)
	513	0.62	0.6		513	0.54	0.70	
	452	0.52	0.55		452	0.40	0.65	
	393	0.35	0.47		393	0.28	0.52	
G25-2	720	2.41	1.14	Y132S-8(2.2KW)	720	2.2	1.43	Y132S-8(2.2KW)
	579	1.86	0.96	YCJ71(1.5KW)	579	1.65	1.18	YCJ71(1.5KW)
	513	1.62	0.85		513	1.4	1.05	
	452	1.44	0.75		452	1.14	0.96	
	393	1.15	0.69		393	0.9	0.86	
	339	0.99	0.61		339	0.7	0.70	
G35-2	288	0.81	0.53		288	0.53	0.66	
	587	3.9	1.7	YCJ71(2.2KW)	587	3.4	2.22	YCJ71(3KW)
	520	3.5	1.61		520	3.0	2.0	
	458	2.9	1.35		458	2.5	1.69	
	399	2.5	1.15		399	2.0	1.5	
	344	2.05	1.08		344	1.6	1.28	
	292	1.7	0.87		292	1.15	1.15	
	244	1.35	0.72		247	0.75	1.0	YCJ80(3KW)
G40-2	571	7.4	2.91	YCJ80(4KW)	571	6.8	3.73	YCJ80(5.5KW)
	504	6.3	2.46		504	5.8	3.35	
	442	5.4	2.19		442	4.9	2.87	
	383	4.5	1.89		383	4.2	2.45	
	327	3.8	1.63		327	3.3	2.15	
	275	3.0	1.36	YCJ80(3KW) YCJ132(3KW)	244	2.0	1.79	YCJ100(4KW) YCJ160(4KW)
	223	2.2	1.12		208	1.6	1.46	
G50-2	196	1.9	1.07	YCJ100(7.5KW)	YCJ100(7.5KW)	YCJ100(7.5KW)	YCJ100(7.5KW)	YCJ100(7.5KW)
	537	13.7	4.66					
	472	11.7	3.92					
	411	10.0	3.41					
	355	8.6	2.9					
	301	7.2	2.46					
	250	5.1	2.14					
	208	3.9	1.6	YCJ160(5.5KW)	194	2.3	2.2	YCJ180(7.5KW)
G70-2	545	30	9.8	YCJ100(11KW)	545	26	13.5	YCJ112(15KW)
	479	26	9.0		479	23	12.8	
	417	22.5	8.1		417	20	12.1	
	360	18	7.5		360	16	9.7	
	305	15	6.7	YCJ112(11KW)	305	12	8.78	YCJ112(11KW)
	254	12	6.1		254	9.2	6.4	
	194	7.5	5.0	YCJ180(7.5KW)	189	3.2	6.0	YCJ200(11KW)
	121	3.0	4.5					

注:该性能表的试验数据是以清水为介质。

Note: The performance charts have been designed assuming the fluid to be water.



概述

GNF 系列单螺杆浓浆泵属于容积泵。它的主要工作部件是偏心螺旋体的螺杆(称转子)和内表面呈双线螺旋面的螺杆衬套(称定子)。其工作原理是:当电动机转动时,带动螺杆一方面绕本身的轴线旋转,另一方面它又沿衬套表面滚动,于是形成泵的密封腔室,螺杆每转一周,密封受苦的液体向前推进一个螺距,随着螺杆的连续转动,液体以螺旋形式从一个密封腔压各另一个密封腔,最挤出泵体。

螺杆泵是一种新型的输送液体的机械,具有结构简单、工作安全可靠,使用维修方便,出液连续均匀,压力稳定等优点。我公司生产的单螺杆泵凡接触物料的金属零件,均选用优质耐酸钢制作、衬套采用无毒无味的橡胶,工作温度可达 120℃。因而它具有防腐、耐酸、耐油等优点,最适用于输送各种粘度的食品浆料。此外,在化工、石油和污水处理等生产过程中可用于输送粘度 1~1000000 厘泊,不含有固体颗粒或胶块的溶液,浆、悬浮液、胶液等。

General

The thick syrup in single the screw in the series of GNF pump belongs to the capacity pump. It of mostly work the parts is the screw (call to rotor) to lacks of eccentricity the helicoid with the inside form Reports the screw

Screw pump is a new type transporting liquids machine which has advantages such as simple structure, safe and reliable operation, convenience usage and repair, continuum and level liquids discharging, stable pressure. The metal spare parts contacted with medium are made up of perfect stainless acid-endure steel, sleeve is made up of no poison no smell latex, operating temperature can reach 120℃. So it has advantages such as roton preserve, acid endure and oil endure, especially transporting apiece density food slurry. Otherwise, it can transport no containing soild grain or gel liquor, slurry, hanging liquid, glue whose density is between 1CP and 1000000CP in chemical, petro-chemical and sewage dealing process.

GNF 型泵工作性能表 GNF Type Pump Table of Performance

泵型号 Model	流量Q Capacity		扬程 H (m) Head	转速 n (r/min) Speed	功率N(千瓦) Power		效率 η (%) Efficiency	允许吸上 真空高度 (m) Vacuum high	进出口 直径D (mm) Entrance diameter	配套电机 型 号 Motor
	(m³/h)	(l/s)			轴功率 Shaft power	电机功率 Motor power				
GNF29 × 4	1.5	0.42	≥ 45	960	0.98	1.5	42	5	32	Y100L - 6
GNF40 × 2	8	2.2	≥ 45	960	2.18	3	50	5	50	Y132S - 6
GNF64 × 4	20	5.6	≥ 45	960	6.66	11	50	5	100	Y160L - 6

泵阀系列产品

PUMP AND VALVE SERIES PRODUCTS



SJ型全开式离心式纸浆泵
SJ Model Full of Centrifugal Pulp Pump



产品概述

SJ 型全开离心式纸浆泵是在消化吸收国外先进泵类产品的基础上,结合国内造纸、制浆企业用泵要求而研制开发的新一代纸浆泵产品,具有明显的高效,防堵塞性能好及运行时无泄漏、安装维修方便等优点,广泛应用于造纸、制浆企业纸浆介质的输送。

适用范围

制浆造纸 制糖淀粉
工业污水 环保工程

性能范围

流量: 30 – 3000m³/h
扬程: 10 – 100m
纸浆浓度: ≤ 6%
工作温度: ≤ 120℃

型号说明

SJ 泵型号
150 泵的出口法兰公称通径 (mm)
400 最大叶轮直径 (mm)

结构特点

1、该泵为单级、单流、蜗形离心泵,基于其工艺设计,叶轮、后耐磨衬、填料函体、轴密封和轴承架可以作为一个“抽拉部件”拆卸和/或安装,不用拆开进口和出口管。

2、叶轮采用三叶片(或六叶片),敞开式叶轮,效率很高且不需要轴向推力补偿,易于维修,堵塞机会低。

3、泵轴由使用油润滑或脂润滑的进口轴承支撑。圆柱滚子轴承安装在泵端,两个角接触球轴承则背靠背安装在传动端。加大尺寸的轴确保泵无振动运行。

4、叶轮采用精密铸造并作动平衡效验。

product overview

SJ type open centrifugal pulp pump is absorbing foreign advanced pumps in digestion, combined with domestic paper-making, pulping enterprise pump requirements and to develop a new generation of pulp pump products, has obvious efficiency, non leakage, advantages of convenient repair blocking performance and run time, it is widely used in papermaking, pulping enterprise pulp medium.

Applicable scope

Pulp and paper sugar starch
Industrial sewage environmental protection engineering

Performance

Traffic: 30 – 3000m³/h
Head: 10 – 100m
The pulp concentration: ≤ 6%
Working temperature: ≤ 120 °C

Model description

400 Maximum impeller diameter (mm) . 150 The outlet of the pump flange nominal diameter (mm) .

SJ Pump model .

structural characteristics

1. the pump is a single – stage, single flow, the volute centrifugal pump, impeller, based on the process design, after wearing, stuffing box, shaft seal and bearing frame can be used as a " pull parts" removing and / or an Install, without removing the inlet and outlet pipe.

2. the impeller blades (or six blades), open impeller, high efficiency and without the axial thrust compensation, easy to repair, low chance of blocking.

3. pump shaft is supported by bearings use lubricating oil or grease lubrication. Cylindrical roller bearings are installed in the pump end, two angular contact ball bearings are installed in the transmission end of back – to – back. Increase the size of the shaft to ensure the pump without Vibration operation.

4. the impeller adopts precision casting and dynamic balance test.

SJ 型泵性能参数表 SJ Type Pump Table of Performance

型号 Type	流量 Capacity(m ³ /h)		扬程 Head(m)		转速 Speed (r/min)	配用 功率 Power (KW)	汽蚀 余量 NPSHr (m)	通过颗 粒直径 Diameter of passing particle (mm)	效率 Efficiency η	进口直径 Inlet diameter (mm)	出口直径 Outlet diameter (mm)
	额点 Rated point	范围 Range	额点 Rated point	范围 Range							
SJ-65-265	25	15-35	20	20-16	1450	4	3.5	35	67	80	65
SJ-65-350	25	15-35	32	36-32	1450	7.5	3.5	35	64	80	65
SJ-65-400	25	20-35	50	56-50	1450	15	3.5	35	64	80	65
SJ-80-265	50	35-75	20	20-16	1450	5.5	3.5	35	70	100	80
SJ-80-350	60	35-75	32	36-32	1450	11	3.5	35	65	100	80
SJ-80-400	55	35-75	50	56-50	1450	18.5	3.5	35	65	100	80
SJ-100-265	100	60-120	20	20-16	1450	11	3.7	35	67	125	100
SJ-100-350	100	60-120	30	36-30	1450	15	3.5	35	65	125	100
SJ-125-265	180	120-220	18	19-14	1450	15	3.9	35	70	150	125
SJ-125-350	180	120-220	32	35-30	1450	30	3.5	40	68	150	125
SJ-125-400	180	120-280	45	53-37	1450	45	4.1	55	70	150	125
SJ-150-330	350	260-420	25	28-23	1450	37	4.1	55	70	200	150
SJ-150-400	350	260-460	45	53-37	1450	75	4.2	55	74	200	150
SJ-150-470	400	240-480	60	68-57	1450	132	4.2	55	73	200	150
SJ-200-380	700	450-850	32	36-28	1450	110	4.2	70	76	250	200
SJ-200-470	700	450-850	55	59-50	1450	200	4.2	70	76	250	200
SJ-250-430	1200	800-1500	38	45-32	1450	200	4.5	75	78	300	250
SJ-350-470	1800	1000-2200	45	53-37	1450	355	4.5	90	78	400	350
SJ-500-600	3300	2000-3800	30	35-22	1450	355	4.5	90	80	500	500
SJ-65-265	50	30-70	70	72-56	2900	18.5	3.9	35	67	80	65
SJ-65-350	50	30-70	80	120-70	2900	30	3.8	35	64	80	65
SJ-65-400	50	40-70	85	120-75	2900	30	3.6	35	64	80	65
SJ-80-265	100	70-150	70	72-56	2900	45	3.9	35	70	100	80
SJ-80-350	110	70-150	80	120-70	2900	55	3.8	35	65	100	80
SJ-80-400	100	70-150	82	120-75	2900	55	3.6	35	65	100	80
SJ-100-265	180	120-240	70	72-56	2900	75	4.1	35	67	125	100
SJ-100-350	180	120-240	75	110-70	2900	110	3.8	35	65	125	100
SJ-125-265	330	240-440	66	70-55	2900	132	4.1	35	70	150	125
SJ-125-350	340	240-440	72	95-70	2900	160	3.8	40	68	150	125
SJ-125-400	350	240-500	90	120-80	2900	200	4.2	55	70	150	125



概述

WJ 型浆泵是采用无堵塞泵的原理,开发的新一代浆泵系列产品,该泵采用国外先进的双流道式叶轮、各种纤维,颗粒通过性能好,具有无堵塞、输浆浓度范围广等特点。可通过棉浆、木浆、各种颗粒、污水垃圾等。与 ZBJ 型纸浆泵相比,使用寿命长,节能效果显著,效率可提高 10 – 15%,如过流部分采用 ZG1Cr18Ni9Ti、ZG1Cr18Ni12Mo2Ti 材质,可适用于输送 200℃ 以下,含有腐蚀性液体的管道,代替传统的衬胶泵。主要用于输送制浆、造纸、化纤等各种浆料及三废处理等部门。浓度可达 2 – 5%,采用特殊叶轮浓度可达 8% 左右。

General

WJ slurry pump is a new slurry pump adopted chokeless principle, this pump use international advanced double – channel impeller which has advantages such as grains passed well, no jammed, wide density slurry. It can pass cotton slurry, wood slurry, every grain and sewage waste. Compared with ZBJ slurry pump, it has long life, remarkable power – saving, efficiency can increased 10 ~ 15%. If liquid passed parts use ZG1Cr18Ni9Ti、ZG1Cr18Ni12Mo2Ti, it can transport liquids whose temperature is below 200℃ and corrosive, it can replace tradition rubber lined pump. It is mainly used in transporting paper slurry, paper making, synthetic fibre and three waste departments. Density can reach 2 ~ 5%, and it can reach about 8% for special impeller.

WJ 型泵性能参数表 WJ Type Pump Table of Performance

型 号 Model	进口直径 Inlet diameter mm	出口直径 Outlet diameter mm	流量 Capacity m ³ / h	扬程 Head m	转速 Speed r/ min	轴功率 Shaft power kw	效率 Efficiency %	配用功率 Motor power kw	气蚀 余量 (NPSH) m	通过颗 粒直径 Grain diameter mm
50WJ25 × 12	65	50	25	12	2900	1.36	60	2.2	3.7	20
50WJ25 × 18				18		2.11	58	4.0		
50WJ25 × 27				27		3.22	57	5.5		
50WJ25 × 45				45		5.89	52	11		
80WJ40 × 12	100	80	40	12	2900	1.92	68	3.0	3.9	35
80WJ40 × 18				18		3.0	65	4.0		
80WJ40 × 27				27		4.90	60	7.5		
80WJ40 × 45				45		8.91	55	15		
100WJ70 × 12	150	100	70	12	2900	3.27	70	5.5	4.2	40
100WJ70 × 18				18		4.90	70	7.5		
100WJ70 × 27				27		7.57	68	11		30
100WJ70 × 45				45		14.30	60	18.5		
150WJ120 × 12	200	150	120	12	2900	3.76	68	7.5	4.7	50
150WJ120 × 18				18		9.46	67	15		
150WJ120 × 27				27		13.37	66	18.5		
150WJ120 × 45				45		24.5	60	30		
150WJ210 × 12	200	150	210	12	1450	9.28	74	15	5.2	55
150WJ210 × 18				18		14.1	73	18.5		
150WJ210 × 27				27		21.45	72	30		
150WJ210 × 45				45		36.2	71	45		
200WJ370 × 12	250	150	370	12	1450	19.91	76	30	5.7	65
200WJ370 × 18				18		23.86	76	30		
200WJ370 × 27				27		36.28	75	45		
200WJ370 × 45				45		61.28	74	75		

泵阀系列产品

PUMP AND VALVE SERIES PRODUCTS



BA型无堵塞纸浆泵
Model BA no-Chokeless Paper Slurry Pump



概述

BA 型浆泵是我厂参照芬兰技术, 结合国内先进工艺、优化设计的一种广泛适用于造纸、化纤、制浆等工况的新一代浆泵系列产品, 该系列泵采用国外先进的半开式叶轮, 各种纸浆、棉浆、木浆、化纤、纤维通过性能好, 具有无堵塞、输液浓度广等特点, 密封采用双端面、单端面、油封、盘根、动力密封等多种密封形式, 杜绝了跑、冒、滴、漏现象, 延长了维修周期, 该系列泵的安装尺寸符合 Scampump 标准, 过流部分可采用多种材质, 以便适用于不同的腐蚀工况, 其最高使用温度一般不超过 120°C 。输浆浓度为 $2\sim 5\%$, 采用特殊设计浓度可达 8% 左右。

General

BA slurry pump is a new slurry pump widely used in paper-making, chemical fiber and slurry-making, this pump refers to Finland technology and combined with national advanced technical. The pump uses international advanced half-open impeller, every paper slurry, bottom slurry, wooden slurry, chemical fibre and fibre can passed well, it is chokeless and can transport wide density liquids, Seal uses trouble-face, single-face, oil seal, tray root and drive seal, which stops emitting, running, dropping and leakage, prolong repair period. Installing dimension accords to Scampump standard. Liquid passed parts use several materials to suit for different corrosive condition. The max. usage temperature is no higher than 120°C . Slurry density is from 2% to 5% , and it can reach 8% for special design.

性能参数表 Table of property parameters

规格型号 Model	流量 Capacity m^3/h		扬程 Head m		转 速 Speed r/min	效率 Efficiency %	浆料浓度 Chroma %	轴功率 Shaft power kw	配用功率及型号 Motor power kw
	额定点 Rating	使用范围 Use bound	额定点 Rating	使用范围 Use bound					
BA65/50-12	25	15-35	12	18-9	2960	60	2-4	1.36	Y90L-2/2.2
BA65/50-20	25	15-35	20	25-16	2960	60	2-4	2.26	Y100L-2/3.0
BA65/50-30	25	15-35	30	36-26	2960	60	2-3	3.4	Y112M-2/4.0
BA65/50-45	25	15-35	45	50-36	2960	52	2-3	5.89	Y132S ₂ -2/7.5
BA100/80-12	40	25-60	12	18-9	2960	68	2-3.5	1.92	Y100L-2/3.0
BA100/80-20	40	25-60	20	25-16	2960	65	2-3.5	3.35	Y132S ₁ -2/5.5
BA100/80-30	40	25-60	30	36-23	2960	60	2-3.5	5.44	Y132S ₂ -2/7.5
BA100/80-45	40	25-60	45	50-40	2960	55	2-3	8.91	Y160M ₁ -2/11
BA100/80-10	50	40-60	10	15-8	1450	65	2-4	2.09	Y100L ₂ -4/3
BA100/80-22	50	40-60	22	25-12	1450	63	2-4	4.75	Y132M-4/7.5
BA100/80-32	50	40-60	32	34-26	1450	60	2-4	7.26	Y160M-4/11

BA 型泵性能参数表 BA Type Pump Table of Performance

规格型号 Model	流量 Capacity m ³ /h		扬程 Head m		转 速 Speed r/min	效率 Efficiency %	浆料浓度 Chroma %	轴功率 Shaft power kw	配用功率及型号 Motor power kw
	额定点 Rating	使用范围 Use bound	额定点 Rating	使用范围 Use bound					
BA125/100-12	70	50-95	12	18-8	2960	70	2-4	3.27	Y132S ₁ -2/5.5
BA125/100-20	70	50-95	20	25-15	2960	70	2-3.5	5.44	Y132S ₂ -2/7.5
BA125/100-30	70	50-90	30	36-20	2960	68	2-3	8.41	Y160M ₁ -2/11
BA125/100-45	70	50-90	45	50-40	2960	60	2-3	14.30	Y160L-2/18.5
BA150/100-15	120	90-160	15	20-9	1450	68	2-3	7.2	Y160M-4/11
BA150/100-25	120	90-160	25	30-15	1450	66	2-4	12.37	Y160L-4/15
BA150/100-40	120	95-150	40	46-30	1450	62	2-4	21.1	Y200L-4/30
BA150/150-18	180	140-240	18	22-12	1450	72	2-6	12.25	Y160L-4/15
BA150/150-25	180	140-240	25	30-18	1450	70	2-4	17.5	Y200L-4/30
BA150/150-32	180	150-230	32	38-20	1450	68	2-4	23.1	Y225S-4/37
BA150/150-45	180	150-230	45	50-40	1450	68	2-3	32.43	Y225M-4/45
BA200/125-25	200	160-280	25	30-18	1450	70	2-5	19.45	Y200L-4/30
BA200/125-35	200	160-280	35	38-30	1450	69	2-4	27.62	Y225S-4/37
BA200/150-20	300	250-350	20	23-16	1450	75	2-6	21.78	Y200L-4/30
BA200/150-25	300	220-400	25	28-20	1450	70	2-4	29.17	Y225S-4/37
BA200/150-40	300	220-400	40	43-37	1450	72	2-3	45.37	Y250M-4/55
BA200/150-60	300	220-400	60	64-68	1450	75	1-2	65.33	Y280M-4/90
BA200/200-20	400	300-500	20	23-17	1450	78	2-5	27.92	Y225S-4/37
BA200/200-40	450	320-550	40	44-36	1450	70	2-3	70	Y280M-4/90
BA250/200-16	500	350-700	16	20-13	1450	76	2-5	28.65	Y225S-4/37
BA250/200-22	500	350-700	20	23-18.5	1450	72	2-5	37.8	Y225M-4/45
BA250/200-32	500	350-700	32	35-28	1450	70	1-3	62.2	Y280M-4/90
BA250/200-50	500	300-750	50	54-47	1450	75	1-2	90.74	Y315S-4/110
BA250/250-15	550	380-780	15	19-12	1450	70	2-5	38.5	Y225M-4/45
BA250/250-20	600	620-800	20	24-15	1450	72	2-5	32.67	Y225M-4/45
BA250/250-30	600	400-800	30	48-36	1450	78	1-3	62.8	Y280S-4/75
BA300/250-10	680	450-750	10	13-8	960	76	2-5	24.36	Y250M-6/37
BA300/250-12	800	500-1000	12	15-10	730	74	2-5	35.31	Y280M-8/45
BA300/250-16	800	500-1000	16	18.5-12	960	81	2-4	43.02	Y280M-6/55
BA300/250-25	800	500-1000	25	28-22	1450	78	2-4	69.8	Y280M-4/90
BA300/250-32	800	500-1000	32	34.5-30	1450	68	2-4	102.5	Y315M-4/132
BA300/250-20	1000	650-1250	20	22-18	1450	80	2-5	68.06	Y280M-4/90
BA300/300-10	1100	900-1200	10	12-8	960	81	2-4	36.97	Y280S-6/45
BA300/300-20	1000	800-1180	20	22-16	1450	78	2-4	69.8	Y280M-4/90
BA300/300-30	900	750-1050	30	34-25	1450	76	1-3	96.7	Y315M-4/132
BA300/300-40	900	800-1000	40	44-36	1450	72	1-3	136.11	Y315M-4/160
BA350/300-16	1200	980-1350	16	20-13	1450	82	2-5	63.74	Y280S-4/75
BA350/300-25	1260	1100-1350	25	28-22	1450	80	2-3	107.18	Y315M-4/132
BA350/300-35	1100	950-1200	35	38-32	1450	78	1-3	134.37	Y315M-4/160
BA350/300-45	1100	950-1200	45	48-42	1450	76	1-3	177.3	Y355L-4/220

泵阀系列产品

PUMP AND VALVE SERIES PRODUCTS



ZH Series Self-priming Chemical Centrifugal Pump



概述

ZH系列自吸式化工离心泵是我公司结合国内外同类产品研制生产的一种单级单吸自吸式化工离心泵,该泵适用于输送温度 $0^{\circ}\text{C}\sim 150^{\circ}\text{C}$,含固体颗粒小于3毫米腐蚀性介质。

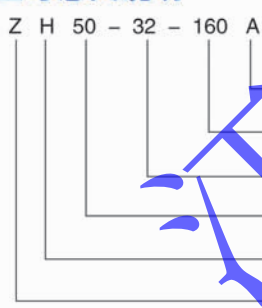
如输送介质含有3毫米以上颗粒或纤维,可选用我公司生产的ZW系列无堵塞自吸泵。

性能范围

流量为 $1.6\sim 400\text{m}^3/\text{h}$,扬程为 $5\sim 125\text{m}$ 。上吸高度为 5m 以内。

根据所输送介质的不同,ZH型自吸式化工离心泵接触液体部分的材料可选用铸铁、铸钢、 $1\text{Cr}18\text{Ni}9\text{Ti}$ 、 $1\text{Cr}18\text{Ni}12\text{Mo}2\text{Ti}$ 、316、316L等材料制造。

泵型号意义说明



切割叶轮直径顺序,以A、B、C表示

泵叶轮名义直径 (mm)

泵出液口直径 (mm)

泵吸入口直径 (mm)

化工离心泵代号

自吸式泵代号

General

ZH series self-priming chemical centrifugal pump is the same products both at home and abroad, the development and production of a single stage single suction self-priming chemical centrifugal pump, the pump is applicable to transport temperature $0^{\circ}\text{C}\sim 150^{\circ}\text{C}$, containing solid particles less than 3 mm corrosive medium.

Such as conveying medium contains more than 3 mm particles or fiber, can choose our company produces the ZW series non-clogging self-priming pump.

Performance range

Flow of $1.6\sim 400\text{m}^3/\text{h}$, head for $5\sim 125\text{m}$. The suction height is less than 5 m.

According to the conveying medium is different, ZH self-priming chemical centrifugal pump contact liquid part of the material can choose cast iron, cast steel, $1\text{Cr}18\text{Ni}9\text{Ti}$, $1\text{Cr}18\text{Ni}12\text{Mo}2\text{Ti}$, 316, 316L materials manufacturing.

Model illustration

Cutting impeller diameter order to A, B and C said

Pump impeller nominal diameter (mm)

Pump the liquid mouth diameter (mm)

Pump inlet diameter (mm)

Chemical centrifugal pump code

Self-priming pump code

性能参数表 Table of Property Parameters

泵型号 Type	泵额定转速 Speed $n=2900\text{r}/\text{min}$			泵额定转速 Speed $n=1450\text{r}/\text{min}$		
	流量Q Capacity m^3/h	扬程H Head m	配用电机 Motor Power KW	流量Q Capacity m^3/h	扬程H Head m	配用电机 Motor Power KW
ZH25-25-125	3.2	20	1.1	1.6	5	0.55
ZH25-25-160	3.2	32	2.2	1.6	8	0.55
ZH25-25-200	3.2	50	5.5	1.6	12.5	0.75
ZH25-25-250	3.2	80	7.5	1.6	20	1.5
ZH40-32-125	6.3	20	1.5	3.2	5	0.55
ZH40-32-160	6.3	32	3	3.2	8	0.55
ZH40-32-200	6.3	50	5.5	3.2	12.5	1.1
ZH40-32-250	6.3	80	11	3.2	20	2.2

泵性能参数表 Pump Table of Performance

性能参数表 Table of Property Parameters

泵型号 Type	泵额定转速 Speed n=2900r/min			泵额定转速 Speed n=1450r/min		
	流量Q Capacity m³/h	扬程H Head m	配用电机Motor PowerKW	流量Q Capacity m³/h	扬程H Head m	配用电机Motor PowerKW
ZH50-32-125	12.5	20	3	6.3	5	0.55
ZH50-32-160	12.5	32	4	6.3	8	0.55
ZH50-32-200	12.5	50	7.5	6.3	12.5	1.1
ZH50-32-250	12.5	80	15	6.3	20	2.2
ZH65-50-125	25	20	4	12.5	5	0.55
ZH65-50-160	25	32	7.5	12.5	8	1.5
ZH65-40-200	25	50	11	12.5	12.5	2.2
ZH65-40-250	25	80	22	12.5	20	3
ZH65-40-315	25	125	37	12.5	32	5.5
ZH80-65-125	50	20	7.5	25	5	0.75
ZH80-65-160	50	32	11	25	8	1.5
ZH80-50-200	50	50	18.5	25	12.5	2.2
ZH80-50-250	50	80	37	25	20	4
ZH80-50-315	50	125	75	25	32	7.5
ZH100-80-125	100	20	15	50	5	15
ZH100-80-160	100	32	22	50	8	2.2
ZH100-65-200	100	50	37	50	12.5	4
ZH100-65-250	100	80	45	50	20	5.5
ZH100-65-315	100	125	75	50	32	11
ZH125-100-200	200	50	55	100	12.5	7.5
ZH125-100-250	200	80	75	100	20	11
ZH125-100-315	200	125	110	100	32	18.5
ZH125-100-400				100	50	37
ZH150-125-250				200	20	18.5
ZH150-125-315				200	32	37
ZH150-125-400				200	50	75
ZH200-150-250				400	20	55
ZH200-150-315				400	32	75
ZH200-150-400				400	50	110

泵阀系列产品

PUMP AND VALVE SERIES PRODUCTS



ZX series self-priming chemical centrifugal pump

ZX系列自吸式化工离心泵



概述

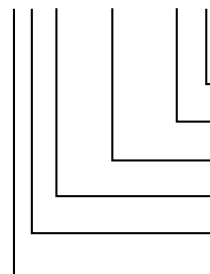
ZX 系列耐温耐腐自吸式化工离心泵是我公司结合国内外同类产品研制生产的一种单级单吸自吸式化工离心泵,该泵适用于输送温度 $0^{\circ}\text{C} \sim 150^{\circ}\text{C}$, 含固体颗粒小于 3 毫米,含固量 $\leq 35\%$ 的介质。

泵的性能范围: 流量为 $1.6 \sim 400\text{m}^3/\text{h}$ 、扬程为 $5 \sim 125\text{m}$ 。上吸高度为 5 米以内。

根据所输送介质的不同, ZX 系列自吸式化工离心泵接触液体部分的材料可选用铸钢、304、305、316、316L 等材料制造。

型号说明 Model No. instruction

ZX50 - 32 - 160A



切割叶轮直径顺序,以 A、B、C 表示 Sequence for cutting impeller diameter by A, B, C

泵叶轮名义直径 (mm) Nominal diameter for pump impeller (mm)

泵出液口直径 (mm) Pump outlet diameter (mm)

泵吸入口直径 (mm) Pump suction inlet diameter (mm)

化工离心泵代号 Chemical centrifugal pump as symbol

自吸式泵代号 Self-priming pump as symbol

General

ZX series temperature - resistant and corrode - resistant self - priming chemical centrifugal pump is researched and manufactured by our company which is a single - stage and single - suction self - priming chemical centrifugal pump, combined with similar products in domestic and overseas. This kind of pump can be used for the mediums of less than 35% content of less than 3mm solid, with transferred temperature between 0°C and 150°C .

The performance scope for the pump: flow: $1.6 \sim 400\text{m}^3/\text{h}$, lift: $5 \sim 125\text{m}$, height of up - draft: less than 5m.

According to the various transferred mediums, the materials for the touching liquid part of ZX series self - priming chemical centrifugal pump can be selected to use cast steel, 304, 305, 316, 316L and others to manufacture.

主要性能参数表 Operating property table

泵型号 Model Type	泵额定转速 Revolutional speed n = 2900r/min			泵额定转速 Revolutional speed n = 1450r/min		
	流量 Capacity m ³ /h	扬程 Head m	配用电机 Motor Power KW	流量 Capacity m ³ /h	扬程 Head m	配用电机 Motor Power KW
ZX25-25-125	3.2	20	1.1	1.6	5	0.55
ZX25-25-160	3.2	32	2.2	1.6	8	0.55
ZX25-25-200	3.2	50	5.5	1.6	12.5	0.75
ZX25-25-250	3.2	80	7.5	1.6	20	1.5
ZX40-32-125	6.3	20	1.5	3.2	5	0.55
ZX40-32-160	6.3	32	3	3.2	8	0.55
ZX40-32-200	6.3	50	5.5	3.2	12.5	1.1
ZX40-32-250	6.3	80	11	3.2	20	2.2
ZX50-32-125	12.5	20	3	6.3	5	0.55
ZX50-32-160	12.5	32	4	6.3	8	0.55
ZX50-32-200	12.5	50	7.5	6.3	12.5	1.1
ZX50-32-250	12.5	80	15	6.3	20	2.2
ZX65-50-125	25	20	4	12.5	5	0.55
ZX65-50-160	25	32	7.5	12.5	8	1.5
ZX65-40-200	25	50	11	12.5	12.5	2.2
ZX65-40-250	25	80	22	12.5	20	3
ZX65-40-315	25	125	37	12.5	32	5.5
ZX80-65-125	50	20	7.5	25	5	0.75
ZX80-65-160	50	32	11	25	8	1.5
ZX80-50-200	50	50	18.5	25	12.5	2.2
ZX80-50-250	50	80	37	25	20	4
ZX80-50-315	50	125	75	25	32	7.5
ZX100-80-125	100	20	15	50	5	1.5
ZX100-80-160	100	32	22	50	8	2.2
ZX100-65-200	100	50	37	50	12.5	4
ZX100-65-250	100	80	55	50	20	5.5
ZX100-65-315	100	125	75	50	32	11
ZX125-100-200	200	50	55	100	12.5	7.5
ZX125-100-250	200	80	75	100	20	11
ZX125-100-315	200	125	110	100	32	18.5
ZX125-100-400				100	50	37
ZX150-125-250				200	20	18.5
ZX150-125-315				200	32	37
ZX150-125-400				200	50	75
ZX200-150-250				400	20	55
ZX200-150-315				400	32	75
ZX200-150-400				400	50	110

GZB型高自吸泵
GZB high self suction pump



概述

GZB型高自吸泵是一种低转速、高扬程、高效率的正排量容积泵。泵腔内并列安装有一对相同无间隙配合的螺旋转子。原动机通过变速、传动机构将动力传递给泵的主动轴，主动轴齿轮驱动从动轴齿轮做同步相对应运动，泵在吸入腔内形成真空，流体在大气压力下不断地被吸入，流经封闭腔由排出、形成流量。泵的容积效率高达98%。其出口压力的变化基本不影响流量的变化。由于泵在工作时不改变其封闭单元容积的大小，泵形成的压差（或扬程）大小取决于排除系统的阻力。由于泵结构完全对称，因此泵的输送方向具有可逆性。

产品特点

- 结构紧凑，体积较小。
- 可实现快速维护，无需拆卸管路系统。
- 可实现对称设计，介质流向逆向，不受安装位置的限制，无正反转之分。
- 独特的螺旋转子制造，泵运行平稳，脉冲很小。
- 适于输送剪切敏感性流体。
- 允许短时间的干运转。
- 可输送汽、液、固相混合介质，具备扫仓功能。
- 进出口开型式分：直线型、S型、L型和平行线型。

General

GZB high self suction pump is a kind of low speed, high head, high efficiency positive displacement volume pump. The pump cavity is provided with a screw rotor which is matched with the same no gap. The original motivation through the transmission, the transmission mechanism will transmit power to the pump drive shaft, driving shaft gear drives the driven shaft gear synchronous corresponding movement, pump to form a vacuum in the suction chamber, fluid under atmospheric pressure is constantly being inhaled, flows through the closed cavity by row Forming flow. Pump volumetric efficiency as high as 98%. The change of the outlet pressure basically does not affect the change of flow. As the pump does not change the size of the volume of its closed base, the pump pressure (or head) size depends on the resistance of the exclusion system. Because the pump structure is completely symmetrical, the direction of the pump is reversible.

Product features

- Compact structure, small size.
- Can achieve rapid maintenance, no need to remove the pipeline system.
- Symmetric design can be achieved, the flow direction of the media is reverse, not subject to the restrictions of the installation location, no positive inversion of the points.
- Unique spiral rotor manufacturing, pump running smoothly, the pulse is very small.
- Suitable for transporting shear sensitive fluids.
- Allow for a short period of time.
- Can transport steam, liquid, solid mixed media, with the sweep function.
- Import and export open type: straight, S type, L type and parallel.



泵阀系列产品

PUMP AND VALVE SERIES PRODUCTS

性能参数表 Table of Property Parameters

泵型号 Model Type	流量 Capacity m³/h	压差 Pressure Mpa	轴功率 Shaft power kw	输入转速 Input speed r/min	泵转速 Speed r/min	效率 Efficiency %	汽蚀余量 NPSH m	泵重 Weight kg	配用功率 Motor power kw	泵组型号 Pump group type	泵组重量 Pump group Weight kg
GZB25	1	0.6	0.3	960	250	54.50	1.2	20	0.75	GZB25-1-0.6	55
	1	1.2	0.67	960	250	49.00	1.5		1.1	GZB25-1-1.2	59
	2	0.5	0.37	960	292	73.60	1.2		0.75	GZB25-2-0.5	55
	2	0.9	0.72	960	292	68.08	1.3		1.1	GZB25-2-0.9	59
	2	1.2	1	960	380	65.36	1.5		1.5	GZB2-2-1.2	64
	3	0.4	0.51	1450	380	64.08	1.2		1.1	GZB25-3-0.4	59
	3	0.8	1.29	1450	440	50.67	1.3		2.2	GZB25-3-0.8	72
	3	1.2	1.97	1450	520	49.77	1.5		3	GZB25-3-1.2	75
	4	0.4	0.86	1450	440	50.67	1.2		1.5	GZB25-4-0.4	64
	4	0.9	1.97	1450	520	49.77	1.3		3	GZB25-4-0.9	75
	4	1.2	2.45	1450	640	53.35	1.5		4	GZB25-4-1.2	86
GZB40	6	0.4	1.3	1450	500	53.97	1.2	40	2.2	GZB40-6-0.4	90
	6	0.9	2.46	1450	500	59.78	1.3		3	GZB40-6-0.9	116
	6	1.2	3.69	1450	500	53.72	1.5		5.5	GZB40-6-1.2	161
	6	1.6	5.85	1450	600	53.72	1.5		7.5	GZB40-6-1.5	164
	8	0.4	1.94	1450	600	44.92	1.2		3	GZB40-8-0.4	116
	8	0.9	3.59	1450	600	54.62	1.3		5.5	GZB40-8-0.9	161
	8	1.2	4.5	1450	600	58.10	1.5		7.5	GZB40-8-1.2	161
	8	1.6	5.97	1450	720	58.39	1.5		7.5	GZB40-8-1.6	164
GZB50	11	0.4	2.79	1450	500	42.95	1.2	50	4	GZB50-11-0.4	137
	11	0.6	3.69	1450	500	48.71	1.2		5.5	GZB50-11-0.6	171
	11	0.9	4.87	1450	500	55.36	1.3		7.5	GZB50-11-0.9	186
	15	0.3	2.97	1450	600	41.26	1.2		4	GZB50-15-0.3	137
	15	0.5	3.9	1450	600	52.37	1.2		5.5	GZB50-15-0.5	171
	15	0.9	6.1	1450	600	60.27	1.3		7.5	GZB50-15-0.9	186
GZB65	20	0.4	4.35	1450	430	50.08	1.2	120	5.5	GZB65-20-0.4	260
	20	0.6	5.9	1450	430	55.39	1.2		7.5	GZB65-20-0.6	275
	20	1.0	9.35	1450	430	58.25	1.4		11	GZB65-20-1.0	345
	20	1.2	11.95	1450	430	54.69	1.5		15	GZB65-20-1.2	363
	20	1.8	21.6	1450	475	45.39	1.5		30	GZB65-20-1.8	550
	25	0.4	5.3	1450	430	51.38	1.2		7.5	GZB65-25-0.4	275
	25	0.6	7.1	1450	430	57.53	1.2		11	GZB65-25-0.6	345
	25	0.9	11.6	1450	475	52.82	1.3		15	GZB65-25-0.9	363
	25	1.2	14.9	1450	475	54.83	1.5		18.5	GZB65-25-1.2	417
	25	1.8	23.2	1450	530	52.82	1.5		30	GZB65-25-1.8	550
	30	0.3	5.33	1450	475	45.98	1.2		7.5	GZB65-30-0.3	275
	30	0.5	7.55	1450	475	54.11	1.2		11	GZB65-30-0.5	345
	30	0.9	9.8	1450	530	75.03	1.3		15	GZB65-30-0.9	363
	30	1.2	15.98	1450	530	61.35	1.5		18.5	GZB65-30-1.2	417
	30	1.7	25.3	1450	620	54.90	1.5		30	GZB65-30-1.7	550
	35	0.3	5.7	1450	530	50.17	1.2		7.5	GZB65-35-0.3	275
	35	0.6	9.1	1450	530	62.85	1.3		11	GZB65-35-0.6	345
	35	0.9	14.32	1450	620	59.91	1.4		18.5	GZB65-35-0.9	417
	35	1.2	18.3	1450	620	62.50	1.9		22	GZB65-35-1.2	467
	35	1.6	24.2	1450	620	63.02	1.9		30	GZB65-35-1.6	550
	40	0.4	7.8	1450	620	55.86	1.2		11	GZB65-40-0.4	345
	40	0.7	12.1	1450	620	63.02	1.3		15	GZB65-40-0.7	363
	40	0.9	14.63	1450	620	67.01	1.4		18.5	GZB65-40-0.9	417

泵阀系列产品

PUMP AND VALVE SERIES PRODUCTS



性能参数表 Table of Property Parameters

泵型号 Model Type	流量 Capacity m³/h	压差 Pressure Mpa	轴功率 Shaft power kw	输入转速 Input speed r/min	泵转速 Speed r/min	效率 Efficiency %	汽蚀余量 NPSH m	泵重 Weight kg	配用功率 Motor power kw	泵组型号 Pump group type	泵组重量 Pump group Weight kg
GZB80	45	0.3	6.2	1450	430	59.30	1.2	130	7.5	GZB80-45-0.3	295
	45	0.5	9.2	1450	430	66.60	1.2		11	GZB80-45-0.5	348
	45	0.6	11.1	1450	430	66.24	1.4		15	GZB80-45-0.6	373
	45	0.9	15.8	1450	430	69.81	1.5		18.5	GZB80-45-0.9	426
	45	1.2	20.57	1450	430	71.49	1.9		30	GZB80-45-1.2	560
	45	1.5	25.7	1450	475	71.53	1.9		30	GZB80-45-1.5	560
	50	0.3	6.5	1450	475	62.85	1.2		7.5	GZB80-50-0.3	295
	50	0.5	9.72	1450	475	70.04	1.2		11	GZB80-50-0.5	348
	50	0.7	13.03	1450	475	73.15	1.3		15	GZB80-50-0.7	373
	50	0.9	16.9	1450	475	72.51	1.4		22	GZB80-50-0.9	476
	50	1.2	21.68	1450	475	75.37	1.9		30	GZB80-50-1.2	560
	50	1.6	30.8	1450	530	70.74	1.9		37	GZB80-50-1.6	680
	55	0.2	5.03	1450	530	59.56	1.2		7.5	GZB80-55-0.2	295
	55	0.4	8.9	1450	530	67.32	1.2		11	GZB80-55-0.4	348
	55	0.5	10.21	1450	530	73.35	1.3		15	GZB80-55-0.5	373
	55	0.7	14.48	1450	530	72.41	1.4		18.5	GZB80-55-0.7	426
	55	1.0	20.3	1450	530	73.78	1.7		22	GZB80-55-1.0	476
	55	1.2	23.85	1450	530	75.36	1.9		30	GZB80-55-1.2	560
	65	0.6	14.3	1450	620	74.27	1.7		30	GZB80-65-0.6	426
	65	0.9	21.1	1450	620	75.50	1.7		30	GZB80-65-0.9	560
	65	1.2	28.11	1450	620	75.57	1.9		37	GZB80-65-1.2	680
GZB100	70	0.2	6.2	1450	430	61.49	1.3	150	7.5	GZB100-70-0.2	645
	70	0.3	8.2	1450	430	69.74	1.3		11	GZB100-70-0.3	398
	70	0.5	12.4	1450	430	76.87	1.4		15	GZB100-70-0.5	423
	70	0.6	14.7	1450	430	77.81	1.4		18.5	GZB100-70-0.6	478
	70	0.8	20.07	1450	430	75.99	1.6		30	GZB100-70-0.8	615
	80	0.2	7.4	1450	475	58.88	1.3		11	GZB100-80-0.2	398
	80	0.4	12.3	1450	475	70.85	1.3		15	GZB100-80-0.4	423
	80	0.5	14.8	1450	475	76.60	1.4		18.5	GZB100-80-0.5	478
	80	0.6	17.2	1450	475	76.00	1.4		22	GZB100-80-0.6	530
	80	0.8	24.12	1450	475	72.26	1.8		30	GZB100-80-0.8	615
	90	0.2	8.9	1450	530	55.08	1.3		11	GZB100-90-0.2	398
	90	0.3	11.8	1450	530	62.31	1.3		15	GZB100-90-0.3	423
	90	0.4	14.5	1450	530	67.61	1.4		18.5	GZB100-90-0.4	478
	90	0.5	17.72	1450	530	69.16	1.4		22	GZB100-90-0.5	530
	90	0.8	25.24	1450	530	77.69	1.8		30	GZB100-90-1.0	615
GZB125	110	0.3	13.9	1450	394	64.65	1.5	360	18.5	GZB125-110-0.3	678
	110	0.4	17.2	1450	394	69.67	1.5		22	GZB125-110-0.4	720
	110	0.6	23.45	1450	420	76.65	1.8		30	GZB125-110-0.6	760
	110	0.8	29.9	1450	420	80.15	2		37	GZB125-110-0.8	841
	110	1.0	37.1	1450	420	70.75	2.1		45	GZB125-110-1.0	920
	110	1.2	45.2	1450	420	79.53	2.2		55	GZB125-110-1.2	1030
	110	1.6	57.7	1450	420	83.07	2.2		75	GZB125-110-1.6	1220
	120	0.3	15.1	1450	460	64.93	1.5		18.5	GZB125-120-0.3	678
	120	0.4	19.1	1450	460	68.44	1.5		22	GZB125-120-0.4	720
	120	0.6	25.6	1450	460	76.59	1.8		30	GZB125-120-0.6	760
	120	0.7	29.8	1450	460	76.76	1.9		37	GZB125-120-0.7	841
	120	0.9	36.8	1450	460	79.92	2		45	GZB125-120-0.9	920
	120	1.2	46.9	1450	460	83.62	2.3		55	GZB125-120-1.2	1030
	120	1.5	59.8	1450	460	81.97	2.3		75	GZB125-120-1.5	1220
	150	0.2	15.3	1450	550	53.40	1.5		18.5	GZB125-150-0.2	678
	150	0.4	23.2	1450	550	70.43	1.5		30	GZB125-150-0.4	760
	150	0.5	28.1	1450	550	72.69	1.7		37	GZB125-150-0.5	811
	150	0.7	37.4	1450	550	76.46	1.8		45	GZB125-150-0.7	920
	150	0.9	46.2	1450	550	79.58	2		55	GZB125-150-0.9	1030
	150	1.2	60.4	1450	550	81.16	2.2		75	GZB125-150-1.2	1220



泵阀系列产品

PUMP AND VALVE SERIES PRODUCTS

性能参数表 Table of Property Parameters

泵型号 Model Type	流量 Capacity m ³ /h	压差 Pressure Mpa	轴功率 Shaft power kw	输入转速 Input speed r/min	泵转速 Speed r/min	效率 Efficiency %	汽蚀余量 NPSH m	泵重 Weight kg	配用功率 Motor power kw	泵组型号 Pump group type	泵组重量 Pump group Weight kg
GZB150	145	0.3	18.1	360	1450	65.48	1.6	450	22	GZB150-145-0.3	850
	145	0.5	25.6	360	1450	77.13	1.7		30	GZB150-145-0.5	885
	145	0.7	36.6	360	1450	76.15	1.9		45	GZB150-145-0.7	1045
	145	0.9	45.3	360	1450	78.45	2.2		55	GZB150-145-0.9	1100
	145	1.2	60.5	360	1450	78.32	2.4		75	GZB150-145-1.2	1260
	145	1.5	73.12	360	1450	81.01	2.4		90	GZB150-145-1.5	1375
	166	0.4	24.6	420	1450	73.51	1.6		30	GZB150-166-0.4	885
	166	0.5	29.3	420	1450	77.15	1.7		37	GZB150-166-0.5	975
	166	0.6	35.12	420	1450	77.23	1.8		45	GZB150-166-0.6	1045
	166	0.8	44.39	420	1450	81.47	2		55	GZB150-166-0.8	1100
	166	1.1	60.5	420	1450	82.19	2.2		75	GZB150-166-1.1	1260
	185	0.3	22.6	460	1450	66.88	1.7		30	GZB150-185-0.3	885
	185	0.4	26.8	460	1450	75.20	1.8		37	GZB150-185-0.4	975
	185	0.6	38.2	460	1450	79.13	1.9		45	GZB150-185-0.6	1045
	185	0.7	43.6	460	1450	80.89	2		55	GZB150-185-0.7	1100
	185	1.0	61.1	460	1450	72.46	2.3		75	GZB150-185-1.0	1260
	185	1.2	74.3	460	1450	81.37	2.7		90	GZB150-185-1.2	1375
	185	1.5	94.1	460	1450	80.31	2.7		110	GZB150-185-1.5	1710
	220	0.3	28.8	550	1450	62.41	1.7		37	GZB150-220-0.3	975
	220	0.4	35.6	550	1450	67.32	1.8		45	GZB150-220-0.4	1045
	220	0.6	46.9	550	1450	76.65	1.9		55	GZB150-220-0.6	1100
	220	0.8	60.4	550	1450	79.35	2		75	GZB150-220-0.8	1260
	220	1.0	75.1	550	1450	79.78	2.3		90	GZB150-220-1.0	1375
	220	1.2	89.6	550	1450	80.24	2.3		110	GZB150-220-1.2	1710
GZB200	220	0.3	25.3	390	1450	71.04	2.4	500	30	GZB200-220-0.3	960
	220	0.4	31.4	390	1450	76.32	2.4		37	GZB200-220-0.4	1050
	220	0.6	46.7	390	1450	76.98	2.6		55	GZB200-220-0.6	1175
	220	0.8	60.2	390	1450	79.62	2.8		75	GZB200-220-0.8	1345
	235	0.2	21.6	420	1450	59.26	2.3		30	GZB200-235-0.2	960
	235	0.3	27.5	420	1450	69.82	2.4		37	GZB200-235-0.3	1050
	235	0.4	33.8	420	1450	75.74	2.4		45	GZB200-235-0.4	1110
	235	0.6	46.7	420	1450	72.22	2.6		55	GZB200-235-0.6	1175
	235	0.8	61.8	420	1450	82.85	2.9		75	GZB200-235-0.8	1345
	235	1.0	72.1	420	1450	88.76	3.1		90	GZB200-235-1.0	1380
	260	0.3	27.1	460	1450	78.38	2.3		37	GZB200-260-0.3	1050
	260	0.4	36.5	460	1450	77.60	2.4		45	GZB200-260-0.4	1110
	260	0.5	45.1	460	1450	78.50	2.4		55	GZB200-260-0.5	1175
	260	0.7	59.6	460	1450	83.16	2.6		75	GZB200-260-0.7	1345
	260	0.9	75.3	460	1450	84.63	3		90	GZB200-260-0.9	1380
	260	1.1	94.7	460	1450	82.25	3.2		110	GZB200-260-1.1	1170
	300	0.2	26.6	550	1450	61.43	2.2		37	GZB200-300-0.2	1050
	300	0.3	37.2	550	1450	65.89	2.4		45	GZB200-300-0.3	1110
	300	0.4	45.4	550	1450	71.98	2.4		55	GZB200-300-0.4	1175
	300	0.6	61.4	550	1450	79.84	2.4		75	GZB200-300-0.6	1345
	300	0.7	71.6	550	1450	79.87	2.6		90	GZB200-300-0.7	1380
	300	0.9	91.8	550	1450	80.10	3		110	GZB200-300-0.9	1770
GZB250	330	0.2	25.68	320	1450	69.99	2.3	750	37	GZB250-330-0.2	1740
	330	0.3	35.95	320	1450	75.00	2.3		45	GZB250-330-0.3	1790
	330	0.4	44.93	320	1450	80.01	2.3		55	GZB250-330-0.4	1865
	330	0.5	54.14	320	1450	83.00	2.4		75	GZB250-330-0.5	2035
	330	0.7	74.01	320	1450	85.00	2.4		90	GZB250-330-0.7	2055
	330	0.8	86.62	320	1450	83.00	2.6		110	GZB250-330-0.8	2395
	330	0.9	101.1	320	1450	80.00	3		132	GZB250-330-0.9	2520
	330	1.1	130.07	320	1450	76.00	3.2		160	GZB250-330-1.1	2560
	330	1.2	143.79	320	1450	75.00	3.2		200	GZB250-330-1.2	2730
	330	1.5	166.4	320	1450	81.01	3.3		200	GZB250-330-1.2	2730

泵阀系列产品

PUMP AND VALVE SERIES PRODUCTS



性能参数表 Table of Property Parameters

泵型号 Model Type	流量 Capacity m³/h	压差 Pressure Mpa	轴功率 Shaft power kw	输入转速 Input speed r/min	泵转速 Speed r/min	效率 Efficiency %	汽蚀余量 NPSH m	泵重 Weight kg	配用功率 Motor power kw	泵组型号 Pump group type	泵组重量 Pump group Weight kg
GZB250	360	0.2	28.01	1450	360	70.00	2.3	960	37	GZB250-360-0.2	1740
	360	0.3	39.22	1450	360	74.99	2.3		55	GZB250-360-0.3	1865
	360	0.4	49.02	1450	360	80.00	2.3		75	GZB250-360-0.4	2035
	360	0.6	68.4	1450	360	86.00	2.4		90	GZB250-360-0.6	2055
	360	0.7	80.74	1450	360	85.00	2.4		110	GZB250-360-0.7	2395
	360	0.9	110.29	1450	360	80.00	2.7		132	GZB250-360-0.9	2520
	360	1.0	125.69	1450	360	78.00	3.1		160	GZB250-360-1.0	2560
	360	1.2	156.86	1450	360	75.00	3.2		200	GZB250-360-1.2	2730
	360	1.6	206.3	1450	360	76.04	3.2		250	GZB250-360-1.6	4750
	400	0.2	30.73	1450	390	70.90	2.3		37	GZB250-400-0.2	1740
	400	0.3	43.03	1450	390	75.95	2.3		55	GZB250-400-0.3	1865
	400	0.4	53.79	1450	390	81.01	2.3		75	GZB250-400-0.4	2035
	400	0.5	65.8	1450	390	82.78	2.4		90	GZB250-400-0.5	2055
	400	0.7	88.59	1450	390	86.07	2.4		110	GZB250-400-0.7	2395
	400	0.8	103.68	1450	390	84.05	2.7		132	GZB250-400-0.8	2520
	400	0.9	121.02	1450	390	81.01	2.7		160	GZB250-400-0.9	2560
GZB300	400	1.1	155.69	1450	390	76.96	3.2	960	200	GZB250-400-1.1	2730
	400	1.2	172.11	1450	390	75.95	3.2		200	GZB250-400-1.2	2730
	435	0.2	33.85	1450	320	69.99	2.4		45	GZB300-435-0.2	1890
	435	0.3	47.39	1450	320	74.99	2.4		55	GZB300-435-0.3	1965
	435	0.4	59.23	1450	320	80.00	2.4		75	GZB300-435-0.4	2145
	435	0.5	69.68	1450	320	85.01	2.5		90	GZB300-435-0.5	2165
	435	0.6	82.65	1450	320	86.00	2.6		110	GZB300-435-0.6	1510
	435	0.8	118.46	1450	320	80.00	2.8		160	GZB300-435-0.8	2670
	435	0.9	132.27	1450	320	80.61	2.9		160	GZB300-435-0.9	2670
	435	1.1	167.07	1450	320	78.00	3.2		200	GZB300-435-1.1	2890
	435	1.2	167.95	1450	320	84.64	3.2		200	GZB300-435-1.2	2890
	500	0.3	54.47	1450	360	74.99	2.4		75	GZB300-500-0.3	2145
	500	0.5	80.1	1450	360	85.00	2.5		110	GZB300-500-0.5	1510
	500	0.6	95	1450	360	86.00	2.6		110	GZB300-500-0.6	1510
	500	0.7	114.84	1450	360	83.00	2.7		132	GZB300-500-0.7	1630
	500	0.9	153.19	1450	360	80.00	2.9		200	GZB300-500-0.9	2890
	500	1.0	174.57	1450	360	78.00	3.1		200	GZB300-500-1.0	2890
	500	1.1	192.03	1450	360	78.00	3.2		250	GZB300-500-1.1	4850
	500	1.2	193.55	1450	360	84.42	3.2		250	GZB300-500-1.2	4850
	600	0.2	42.79	1450	420	76.37	2.4		55	GZB300-600-0.2	1965
GZB350	600	0.3	59.91	1450	420	81.82	2.5		75	GZB300-600-0.3	2145
	600	0.5	88.11	1450	420	92.72	2.6		110	GZB300-600-0.5	1510
	600	0.7	126.32	1450	420	90.55	2.7		160	GZB300-600-0.7	1690
	600	0.8	149.78	1450	420	87.27	2.9		200	GZB300-600-0.8	2890
	600	1.0	192.03	1450	420	85.09	3.1		250	GZB300-600-1.0	4850
	800	0.2	62.23	1450	310	70.02	2.4	1150	75	GZB350-800-0.2	2395
	800	0.3	87.15	1450	310	75.00	2.5		110	GZB350-800-0.3	2750
	800	0.4	102.5	1450	310	85.02	2.5		132	GZB350-800-0.4	2865
	800	0.5	126.7	1450	310	85.98	2.6		160	GZB350-800-0.5	2915
	800	0.6	150.25	1450	310	87.00	2.7		200	GZB350-800-0.6	3036
	800	0.8	217.86	1450	310	80.00	2.9		250	GZB350-800-0.8	5050
	1000	0.2	77.8	1450	360	70.01	2.4		110	GZB350-1000-0.2	2750
	1000	0.3	108.93	1450	360	75.00	2.5		132	GZB350-1000-0.3	2865
	1000	0.4	138.16	1450	360	78.85	2.5		160	GZB350-1000-0.4	2915
	1000	0.5	174.2	1450	360	78.17	2.6		200	GZB350-1000-0.5	3036
	1250	0.2	97.26	1450	420	70.00	2.4		132	GZB350-1250-0.2	2865
	1250	0.3	136.19	1450	420	74.99	2.5		160	GZB350-1250-0.3	2915
	1250	0.4	160.19	1450	420	85.00	2.5		200	GZB350-1250-0.4	3036
	1250	0.5	212.6	1450	420	80.06	2.5		250	GZB350-1250-0.5	5050



概述

IHR 型印染泵为单级单吸悬臂式离心泵是印染设备专用配套泵产品。适用于输送 0~150℃ 的印染液及热水。

泵的最高工作压力 1.0MPa

泵的流量范围(额定): 6.3~400m³/h

泵的制造材料: 泵的常规制造材料为 1Cr18Ni9Ti 也可以生产 304、304L、316、316L 的其它用户要求的制造材料。

General

IHR print and dye pump is single-stage single-suction overhung centrifugal pump. It is special product collocated with print and dye equipments. It is used in transporting print and dye liquids and hot water, whose temperature is from 0℃ to 150℃.

The max. operating pressure 1.0MPa.

Capacity range: 6.3~400m³/h

Material: usual use 1Cr18Ni9Ti, it can use other materials such as 304, 304L, 316, 316L according to your requirements.

IHR 型泵性能参数表 IHR Type Pump Table of Performance

型 号 Model	流量 Q Capacity m ³ / h	扬程 H Head m	转速 n Speed r/ min	配套功率 N Power KW
100-80-380	90	48	1475	18.5
125-100-380	180	48	1475	37
150-125-350	200	42	1475	30
200-150-300	350	35	1475	45
200-175-260	260	20	1475	18.5

IHR 型泵续表 1 IHR Type Pump Table 1 (continued)

型 号 Model	泵 额 定 转 速 n = 2900r / min						泵 额 定 转 速 n = 1450r / min					
	流量 Q m ³ / h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η % Efficiency	功率KW 轴功率 Shaft power 电机功率 Motor power		流量 Q m ³ / h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η % Efficiency	功率KW Power 轴功率 Shaft power 电机功率 Motor power	
65 - 40 - 315	15	126.8	2.0	28		18.5	7.5	32.4	2.0	22		3.0
	25	125	2.0	39		21.8	12.5	32	2.0	33		3.3
	30	124	2.5	42.5		23.8	15.0	31.7	2.5	37		3.5
65 - 40 - 315A	14	111.2	2.0	25		18.1	7.0	28.4	2.0	19		2.84
	23.4	109.5	2.0	38		18.36	11.7	28.0	2.0	31		2.78
	28	108.8	2.5	40		22.12	14.0	27.8	2.5	34		3.12
65 - 40 - 315B	13.2	98.0	2.0	24		14.69						
	22	96.5	2.0	37		15.63						
	26.4	95.9	2.5	39		17.67						
80 - 65 - 125	30	23.2	3.0	60		3.16	15	5.8	2.5	54		0.44
	50	20	3.0	69		3.95	25	5.0	2.5	64		0.53
	60	17.6	4.0	67		4.29	30	4.4	3.0	62		0.58
80 - 65 - 125A	27.2	19.1	3.0	57		2.48	13.6	4.8	2.5	51		0.349
	45.3	16.5	3.0	67		3.04	22.6	4.1	2.5	62		0.407
	54.4	14.5	4.0	64		3.36	27.2	3.6	3.0	59		0.452
80 - 65 - 160	30	36	2.0	57		5.16	15	9	2.0	50		0.74
	50	32	2.3	67		6.5	25	8	2.3	62		0.88
	60	28.4	3.3	65		7.15	30	7.2	3.3	62		0.95
80 - 65 - 160A	27.2	29.7	2.0	54		4.08	13.6	7.4	2.0	47.3		0.28
	45.4	26.4	2.3	65		5.02	22.7	6.6	2.3	60		0.68
	54.4	23.4	3.3	62		5.39	27.2	5.9	3.3	59		0.74
80 - 50 - 200	30	55.2	2.0	53		8.5	15	13.5	2.0	44		1.25
	50	50	2.5	63		10.8	25	12.5	2.0	57		1.49
	60	45.2	3.2	62		11.9	30	11.5	2.5	58		1.62
80 - 50 - 200A	27.2	45.4	2.0	50		6.73	13.6	11.1	2.0	41		1.00
	45.3	41	2.5	61		8.29	22.4	10.3	2.0	56.1		1.135
	54.4	39.2	3.2	59		9.35	27.2	9.5	2.5	55		1.28
80 - 50 - 250	30	84	2.5	43		16.0	15	21	2.0	40		2.15
	50	80	2.5	53		20.6	25	20	2.0	50		2.72
	60	75	2.5	54		22.7	30	18.8	2.0	51		3.01
80 - 50 - 250A	28.14	73.55	2.5	42.7		13.2	14.04	18.2	2.0	42		1.66
	46.9	70.5	2.5	56		16.1	23.4	17.6	2.0	50		2.25
	56.28	67.4	3.0	58.03		17.8	28.08	16.7	2.0	48.5		2.63
80 - 50 - 250B	26.4	64.8	2.5	40.86		11.4						
	44	62.2	2.5	54		13.8						
	52.8	60	3.0	57.52		15.0						
80 - 50 - 315	30	128	2.5	40		26.13	15	32.5	5.0	38		3.5
	50	125	2.5	52		32.7	25	32	5.0	48		4.54
	60	123	3.5	55		36.61	30	31.5	5.2	52		4.95
80 - 50 - 315A	28.14	113.4	2.0	40.4		21.5	14.1	29.2	5.0	31.8		3.52
	46.9	110	2.0	50		28.1	23.5	28.3	5.0	44		4.12
	56.28	107.4	2.0	55		30.0	28.2	27.1	5.2	47.2		4.41
80 - 50 - 315B	26.4	100.5	2.0	43.5		17.0						
	44	97	2.0	48		24.2						
	52.8	95	2.5	54.6		25.0						
100 - 80 - 125	60	23.7	3	65		5.97	30	5.9	3	63		0.77
	100	20.0	4.2	73		7.47	50	5	4.2	72		0.95
	120	16.3	4.8	69		7.72	60	4.2	4.8	68		1.01
100 - 80 - 125A	55	19.4	3	62		4.68	27.5	4.85	3	59		0.62
	91.8	16.8	4.2	71		5.90	46	4.2	4.2	69		0.763
	109.0	13.7	4.8	67		6.12	55	3.5	3.5	65		0.81

IHR 型泵续表 2 IHR Type Pump Table 2 (continued)

型 号 Model	泵 额 定 转 速 n = 2900r / min						泵 额 定 转 速 n = 1450r / min					
	流量 Q m³ / h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η % Efficiency	功率KW 轴功率 Shaft power		流量 Q m³ / h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η % Efficiency	功率KW Power 轴功率 Shaft power	
100 - 80 - 160	60	37	3.8	60	10.1		30	9.25	3.0	58	1.3	
	100	32	4.3	73	11.9		50	8	3.4	69	1.58	
	120	28	5.0	73	12.5		60	7	3.7	68	1.68	
100 - 80 - 160A	54.6	30.6	3.8	57	7.98		27.3	7.66	3.0	55.3	1.03	
	91	26.5	4.3	71	9.25		45.5	6.6	3.4	67	1.22	
	109.2	23.2	5.0	70.4	9.85		54.6	5.8	3.7	65.3	1.32	
100 - 65 - 200	60	56	3.4	63	14.5		30	14.0	2.5	60	1.91	
	100	50	3.9	72	18.9		50	12.5	2.5	68	2.5	
	120	44	5.2	71	20.3		60	11.0	3.0	63	2.85	
100 - 65 - 200A	54.6	46.5	3.4	60.1	11.5		27.3	11.6	2.5	57	1.51	
	91	41.5	3.9	70	14.7		45.5	10.3	2.5	66	1.83	
	109.2	36.6	5.2	68	16.0		54.6	9.1	3.0	60.1	2.25	
100 - 65 - 250	60	88	3.0	57	25.2		30	22	3.0	50	3.6	
	100	80	3.6	68	32.0		50	20	3.0	63	4.3	
	120	74	4.5	67	36.1		60	18.5	3.6	64	4.7	
100 - 65 - 250A	56.11	77	3.0	54	21.8		28.0	19.2	3.0	47	3.12	
	93.5	70	3.6	65	27.4		45.5	17.4	3.0	61	3.53	
	112.2	64.7	4.5	64	30.9		56.0	16.2	3.6	60.9	4.06	
100 - 65 - 250B	52.7	67.9	3.0	53.3	18.3							
	87.8	61.7	3.6	64	23.1							
	105.4	57.0	4.5	62.9	26.0							
100 - 65 - 315	60	132	2.8	48	44.9		30	33.5	2.0	44	6.2	
	100	125	3.2	62	54.9		50	32	2.0	58	7.5	
	120	119	4.2	64	60.8		30	30.5	2.5	60	8.3	
100 - 65 - 315A	56.1	115.5	2.8	45	39.2		28	29.3	2.0	41	5.46	
	93.5	109	3.2	61	45.5		46.5	28	2.0	56	6.33	
	112.2	104	4.2	61	52.1		56	26.7	2.5	57	7.15	
100 - 65 - 315B	52.7	102	2.8	44	33.3							
	88	97	3.2	60	38.7							
	105.4	92	4.2	60	44.0							
125 - 80 - 160	160	32	5.3	79	17.7							
125 - 80 - 200	160	50	4.3	77	28.3							
125 - 80 - 250	160	80	4	74	47.1							
125 - 100 - 200	120	61	4.5	68	29.3		56	19.5	2.0	56	5.31	
	200	50	5.0	77	35.4		93	17.4	2.3	70	6.29	
	240	41	5.8	70	38.3		112	15.9	3.0	68	7.13	
125 - 100 - 200A	109.1	50.5	4.5	64.9	23.1							
	182	41.4	5.0	75	27.4							
	218.2	34	5.8	67.1	30.1		60	33.5	2.5	53	10.3	
125 - 100 - 250	120	90	3.7	62	47.4		100	32	2.5	67	13.0	
	200	80	4.5	75	58.1		120	30.5	3	68	15.1	
	240	73	5.5	74	64.5		60	45.5	2.5	48	15.5	

IHR 型泵续表 3 IHR Type Pump Table 3 (continued)

型 号 Model	泵 额 定 转 速 n = 2900r / min						泵 额 定 转 速 n = 1450r / min					
	流量 Q m ³ / h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η % Efficiency	功率KW		流量 Q m ³ / h Capacity	扬程 H m Head	汽蚀 余量 m NPSH	效率 η % Efficiency	功率KW Power	
					轴功率 Shaft power	电机功率 Motor power					轴功率 Shaft power	电机功率 Motor power
125 - 100 - 250A	112	78	3.7	59	40.3		100	42	2.5	55	20.8	
	186.5	69.5	4.5	73	48.35		120	41	3.0	62	21.6	
	224	63.5	5.5	71	54.5							
125 - 100 - 250B	105.5	69.0	3.7	58	34.2							
	175.5	61.5	4.5	71	41.4							
	211.0	56	5.5	69.9	46.0							
125 - 100 - 315	120	132.5	4.0	52.5	87.4		60	33.5	2.5	53	10.3	
	200	125	5.2	70	97.3		100	32	2.5	65	13.5	
	240	120	5.5	76	103		120	30.5	3	66	15.1	
125 - 100 - 400							60	52	2.5	48	17.7	
							100	50	2.5	55	24.8	
							120	48.5	3.0	62	25.5	
125 - 100 - 400A							54.6	46	2.5	44	13	
							91	41	2.5	51	19	
							109.2	36.6	3.0	58	19.6	
150 - 125 - 250							120	24.8	2.5	66	12.3	
							200	22	2.8	85	14.62	
							240	17	3.5	75	14.9	
150 - 125 - 250A							109.1	20.5	2.5	62.8	9.7	
							182	16.5	2.8	75	10.9	
							218.2	12.4	3.5	65.2	11.3	
150 - 125 - 315							120	36.3	2.5	63	18.8	
							200	32.0	2.8	75	23.2	
							240	28.5	3.8	72	25.9	
150 - 125 - 315A							109.1	30.3	2.5	60	14.85	
							182	25.5	2.8	73	17.32	
							218.2	23.5	3.8	69	20.23	
150 - 125 - 400							120	57.5	2.0	61	30.8	
							200	50	2.5	70	38.9	
							240	44	3.0	63	45.6	
150 - 125 - 400A							109.1	47.5	2.0	58	24.3	
							182	41	2.5	68	29.9	
							218.2	36.5	3.0	60	36.1	
200 - 150 - 250							240	23	3.5	64.5	23.3	
							400	20	4.0	74	29.4	
							460	18	4.5	74	30.6	
200 - 150 - 315							240	35.6	3.0	67	34.7	
							400	32.0	3.5	79	44.7	
							460	29.4	4.0	77	47.8	
200 - 150 - 315A							218.2	29.4	3.0	64	27.3	
							363	25.5	3.5	77	32.7	
							418	24.3	4.0	74	37.4	
200 - 150 - 400							240	55.8	3.0	67	54.4	
							400	50	3.5	78	69.8	
							460	47	4.0	75	78.5	
200 - 150 - 400A							218.2	46	3.0	64	42.7	
							363	41	3.5	76	53.3	
							418	38.8	4.0	72	61.3	



概 述

QXP 型切线流泵是一种单级单吸部分流泵。该泵是针对小流量、高扬程，特别是对含固介质容易磨损的工况而设计。

泵由于采用切线流泵设计技术，从零流量至设计流量变化时，泵的扬程为一恒定值，这一特点适用于与喷嘴配套使用的场合，也适应其它各种要求泵具有自调特性的场合，同时该泵对叶轮与前后泵盖间隙不敏感，当由于磨、腐蚀造成间隙增大时，泵的性能基本不变化。

该泵由于其特殊设计，在流量偏离设计点时，叶轮及泵轴不存在不平衡径向力的作用，确保了泵的运转稳定，轴承寿命长。

该泵由于叶轮为全开式，同时采用合适的机械密封及其它密封，运转中无泄漏。可以采用变频调速器调速，性能调整方便，可与计算机连接，对泵实行电脑控制。

General

QXP emission pump is single – stage single – suction partial emission pump. This pump is designed aiming at little capacity and high head, especially aiming at wearable solid mediums.

Head is a constant value when capacity is from 0 to designed value. It is especially suitable for matched with muzzle, also suitable for auto adjustment. It is not sensitive to the clearance between impeller and front back pump cover, when clearance increased because wearable or corrosive, performances are not changeable.

For its special design, there is no imbalance radial power when capacity departures designed value, which insures pump stable operation and bearing long life.

Because impeller is whole open, adopt appropriate mechanical seal and other seal, there is no leakage when operation. It can use frequency conversion actiyator, adjust performance convenience. It can connected with computer, pump is controlled with computer.

QXP 型泵性能参数表 QXP Type Pump Table of Performance

型 号 Model	叶轮 代号 Impeller code	叶轮 直径 Impeller diameter	进口直径 Inlet diameter mm	出口直径 outlet diameter mm	流量 Capacity	扬程 Head	轴功率 Shaft power	配用功率 (KW) Motor power		
					m ³ /h	m	KW	$\gamma = 1.0$	$\gamma = 1.4$	$\gamma = 1.86$
1QXP - 20	A	125	25	20	0.1 ~ 1.4	24	0.45	0.75	1.1	1.5
	B	115			0.1 ~ 1.3	20				
	C	105			0.1 ~ 1.2	16				
1QXP - 35	A	165	25	20	0.1 ~ 1.8	41	1.5	2.2	3	4
	B	150			0.1 ~ 1.5	35				
	C	135			0.1 ~ 1.2	28				
1QXP - 50	A	195	25	20	0.1 ~ 1.5	59	2.4	3	4	5.5
	B	180			0.1 ~ 1.4	50				
	C	165			0.1 ~ 1.3	41				
1QXP - 80	A	250	25	20	0.1 ~ 1.6	95	4.5	5.5	7.5	11
	B	225			0.1 ~ 1.5	80				
	C	205			0.1 ~ 1.3	64				
3QXP - 20	A	125	32	20	1 ~ 3.3	24	1.1	1.5	2.2	3
	B	115			1 ~ 3	20				
	C	105			1 ~ 2.8	16				
3QXP - 35	A	165	32	20	1 ~ 4.3	41	3	4	5.5	7.5
	B	150			1 ~ 3.9	35				
	C	135			1 ~ 3.5	28				
3QXP - 50	A	195	32	20	1 ~ 5	59	5.5	7.5	11	15
	B	180			1 ~ 4.7	50				
	C	165			1 ~ 4.3	41				
3QXP - 80	A	250	32	20	1 ~ 5	95	10.5	15	18.5	22
	B	225			1 ~ 4.6	80				
	C	205			1 ~ 4.2	64				
6QXP - 20	A	125	40	25	3 ~ 6.8	24	2.2	3	4	5.5
	B	115			3 ~ 6.2	20				
	C	105			3 ~ 5.7	16				
6QXP - 35	A	165	40	25	3 ~ 7.6	41	4.2	5.5	7.5	11
	B	150			3 ~ 6.9	35				
	C	135			3 ~ 6.2	28				
6QXP - 50	A	195	40	25	3 ~ 7.6	59	6.8	7.5	11	15
	B	180			3 ~ 7	50				
	C	165			3 ~ 6.4	41				
6QXP - 80	A	250	40	25	3 ~ 8	95	11	15	22	30
	B	225			3 ~ 7.2	80				
	C	205			3 ~ 6.6	64				
10QXP - 80	A	250	50	32	6 ~ 13.6	95	13.5	18.5	30	37
	B	225			6 ~ 12.2	80				
	C	205			6 ~ 11	64				
10QXP - 100	A	280	50	32	6 ~ 15	120	16.5	18.5	30	37
	B	270			6 ~ 14	110				
	C	260			6 ~ 13	100				



概述

本系列泵属单级单吸悬臂式离心泵，过流部件采用钢衬超高分子量聚乙烯(UHMWPE)。是在 UHB 基础上改进更新换代的产品。该材质是目前国际上新一代的泵用耐腐耐磨工程塑料，其最突出的优点是在所有的塑料中它具有优异的耐磨性、耐冲击性(尤其是耐低温冲击)抗蠕变性(耐环境应力开裂)和极好的耐腐蚀性。

该泵显著特点是：多功能，即一种泵能适应各种不同的工况，如输送酸、碱性清液或料浆；冶炼行业各种腐蚀性矿浆；硫酸行业各类稀酸；环保行业各类污水等。该泵既耐腐蚀又耐磨损，使用范围十分广泛。

主要技术性简述

- 1、型号：UHB-ZK 系列
- 2、特点：耐腐耐磨，一泵多用，酸碱类清液料浆均适用。
- 3、结构：(1) 泵体为钢衬超高分子量聚乙烯，衬层厚 8~20mm。
(2) 叶轮分开式，闭式二种，可根据介质状况任选。
- (3) 密封：K 型动力密封。
- 4、适用介质：浓度 80% 以下硫酸，50% 以下硝酸，各种浓度的盐酸，液碱，既适用清液也适用料浆。
- 5、主要技术参数：使用温度 -20℃ ~ 80℃ (对特殊要求、使用改性材质，可提高到 105℃)，进口 $\Phi 32\text{mm} \sim \Phi 250\text{mm}$ ，流量 5 ~ 600m³/h，扬程 50m 以内。

General

This pump series is a cantilever - type horizontal single - stage - single - suction centrifugal pump. Its flow contact parts are made of steel - lined polyethylene with ultra - high molecular weight (UHMWPE). The material is a new corrosion - and - abrasion - resistant engineering plastic for the use of pump in the world. Its unique features are good resistance to abrasion, good resistance to shock (specially for low temperature shock), resistance to creep deformation (resistance to crack resulted from ambient stress), and excellent resistance to corrosion.

The pump is of remarkable characteristics: multifunction, i.e. the pump is suitable for many working conditions. For example, it can be used in conveying acid and alkali clear liquids of slurry, varieties of corrosive mine slurries of metallurgical industry, varieties of thin acids of sulfuric acid industry, varieties of waste water of environment protection industry, etc. Because of the resistances to corrosion and abrasion, it is widely used.

Brief introduction to main technical properties

1. Model: UHB-ZK series
2. Characteristics: resistance to corrosion and abrasion, one pump for multiple uses, suitable for acid and alkali clear liquids or slurries.
3. Structure: (1) the pump body is made of steel lined with polythene with ultra - high molecular weight polyethylene. Its lining thickness is 8~20mm.
(2) The blade wheel has two types: open type and closed type. It can be optionally chosen according to conditions of media.
(3) Seal: K - type dynamic seal.
4. Applicable media: sulfuric acid with concentration of less than 80%, nitric acid with concentration of less than 50%, hydrochloric acid with various concentration, liquid alkali, etc. It is used not only for clear liquid, but also for slurry.
5. Main technical data: working temperature: -20℃ ~ 80℃ (for special requirements and improved materials, the temperature can be up to 105). Inlet diameter: $\Phi 32\text{mm} \sim \Phi 250\text{mm}$ Flow: 5 ~ 600m³/h Lift: not more than 50m.

UHB-ZK 型泵性能参数表 UHB-ZK Type Pump Table of Performance

序号 No.	型 号 Type	流量 Capacity (m³/h)	扬程 Head (m)	转速 Speed (r/min)	功率(KW) Power		进出口直径 Inlet outlet diameter (mm × mm)	重量 Weight (kg)
					轴功率 Shaft Power	配备电机 motor Power		
1	25UHB-ZK-3-13	3	13	2900	0.3	0.75	25 × 20	75
2	25UHB-ZK-5-12	5	12	2900	0.42	0.75		
3	25UHB-ZK-7-10	7	10	2900	0.5	0.75		
4	25UHB-ZK-3-18	3	18	2900	0.4	1.1		
5	25UHB-ZK-5-15	5	15	2900	0.55	1.1		
6	25UHB-ZK-8-12	8	12	2900	0.7	1.1	32 × 25	80
7	32UHB-ZK-5-20	5	20	2900	0.72	1.1		
8	32UHB-ZK-8-18	8	18	2900	1.2	1.5		
9	32UHB-ZK-12-15	12	15	2900	1.3	2.2		
10	32UHB-ZK-5-25	5	25	2900	1.1	2.2		
11	32UHB-ZK-10-20	10	20	2900	1.6	2.2	40 × 32	130
12	32UHB-ZK-5-5	5	5	1450	0.25	0.75		
13	32UHB-ZK-15-15	15	15	2900	1.7	2.2		
14	40UHB-ZK-10-30	10	30	2900	2.2	3		
15	40UHB-ZK-15-25	15	25	2900	2.7	3		
16	40UHB-ZK-7.5-6	7.5	6	1450	0.4	0.75	50 × 40	170
17	40UHB-ZK-18-20	18	20	2900	2.6	3		
18	40UHB-ZK-10-18	10	18	2900	1.3	2.2		
19	40UHB-ZK-15-15	15	15	2900	1.7	2.2		
20	50UHB-ZK-15-32	15	32	2900	3.5	5.5		
21	50UHB-ZK-20-30	20	30	2900	4.3	5.5	65 × 50	220
22	50UHB-ZK-10-7.5	10	7.5	1450	0.6	1.1		
23	50UHB-ZK-25-28	25	28	2900	5.0	5.5		
24	50UHB-ZK-10-35	10	35	2900	3.2	4		
25	50UHB-ZK-12-40	12	40	2900	3.8	5.5		
26	50UHB-ZK-15-43	15	43	2900	5.6	7.5	65 × 50	220
27	50UHB-ZK-20-20	20	20	2900	3.0	4		
28	50UHB-ZK-25-18	25	18	2900	3.2	4		
29	50UHB-ZK-30-15	30	15	2900	3.1	4		
30	65UHB-ZK-30-25	30	25	2900	5.3	5.5		
31	65UHB-ZK-35-20	35	20	2900	5.1	5.5	65 × 50	220
32	65UHB-ZK-40-15	40	15	2900	4.5	5.5		
33	65UHB-ZK-30-32	30	32	2900	6.5	7.5		
34	65UHB-ZK-15-8	15	8	1450	0.9	1.1		
35	65UHB-ZK-35-25	35	25	2900	6.2	7.5		
36	65UHB-ZK-40-20	40	20	2900	5.9	7.5	65 × 50	220
37	65UHB-ZK-10-45	10	45	2900	4.8	7.5		
38	65UHB-ZK-5-11	5	11	1450	0.6	1.1		
39	65UHB-ZK-10-40	10	40	2900	4.2	5.5		
40	65UHB-ZK-20-50	20	50	2900	8.7	11		
41	65UHB-ZK-10-12.5	10	12.5	1450	1.2	2.2	65 × 50	220
42	65UHB-ZK-30-50	30	50	2900	12	15		
43	65UHB-ZK-15-12.5	15	12.5	1450	1.6	2.2		
44	65UHB-ZK-30-40	30	40	2900	9.6	11		

UHB - ZK 型泵续表 1 UHB - ZK Type Pump Table 1 (continued)

序号 No.	型 号 Type	流量 Capacity (m³/h)	扬程 Head (m)	转速 Speed (r/min)	功率 (KW) Power		进出口直径 Inlet outlet diameter (mm × mm)	重量 Weight (kg)
					轴功率 Shaft Power	配备电机 motor Power		
45	80UHB - ZK - 40 - 20	40	20	2900	5.8	7.5	80 × 65	270
46	80UHB - ZK - 45 - 18	45	18	2900	6.1	7.5		
47	80UHB - ZK - 50 - 15	50	15	2900	5.6	7.5		
48	80UHB - ZK - 35 - 45	35	45	2900	10.8	11		
49	80UHB - ZK - 17.5 - 11	17.5	11	1450	1.5	2.2		
50	80UHB - ZK - 40 - 35	40	35	2900	10.2	11		
51	80UHB - ZK - 45 - 32	45	32	2900	10.1	11		
52	80UHB - ZK - 50 - 30	50	30	2900	10.2	11		
53	80UHB - ZK - 60 - 30	60	30	2900	12.6	15		
54	80UHB - ZK - 45 - 50	45	50	2900	14.8	15		
55	80UHB - ZK - 22.5 - 12.5	22.5	12.5	1450	2.3	3	100 × 80	370
56	80UHB - ZK - 55 - 40	55	40	2900	15	15		
57	100UHB - ZK - 50 - 58	50	58	2900	21	22		
58	100UHB - ZK - 50 - 50	50	50	2900	17.5	18.5		
59	100UHB - ZK - 60 - 50	60	50	2900	21.5	22		
60	100UHB - ZK - 60 - 40	60	40	2900	16.8	18.5		
61	100UHB - ZK - 60 - 30	60	30	2900	13.8	15		
62	100UHB - ZK - 70 - 45	70	45	2900	22.1	22		
63	100UHB - ZK - 80 - 35	80	35	2900	17.8	18.5		
64	100UHB - ZK - 100 - 27	100	27	2900	18.4	18.5		
65	100UHB - ZK - 80 - 15	80	15	2900	10.2	11	125 × 100	480
66	100UHB - ZK - 100 - 20	100	20	2900	15	15		
67	100UHB - ZK - 80 - 50	80	50	2900	27	30		
68	100UHB - ZK - 100 - 45	100	45	2900	28	30		
69	100UHB - ZK - 50 - 11	50	11	1450	4.2	5.5		
70	100UHB - ZK - 120 - 40	120	40	2900	28.5	30		
71	100UHB - ZK - 145 - 28	145	28	2900	29.5	30		
72	100UHB - ZK - 80 - 30	80	30	2900	17.5	18.5		
73	100UHB - ZK - 100 - 25	100	25	2900	17.9	18.5		
74	100UHB - ZK - 120 - 20	120	20	2900	17.2	18.5		
75	100UHB - ZK - 140 - 15	140	15	2900	16.8	18.5	125 × 100	480
76	100UHB - ZK - 100 - 20	100	20	2900	14.9	15		
77	100UHB - ZK - 120 - 15	120	15	2900	14.2	15		
78	100UHB - ZK - 140 - 10	140	10	2900	14.5	15		
79	125UHB - ZK - 100 - 40	100	40	2900	28.8	30		
80	125UHB - ZK - 120 - 35	120	35	2900	29.4	30		
81	125UHB - ZK - 140 - 25	140	25	2900	25	30		
82	125UHB - ZK - 120 - 32	120	32	2900	26.8	30		
83	125UHB - ZK - 140 - 28	140	28	2900	27.6	30		
84	125UHB - ZK - 160 - 24	160	24	2900	28.1	30		
85	125UHB - ZK - 120 - 20	120	20	2900	17.2	18.5		
86	125UHB - ZK - 140 - 18	140	18	2900	21	22		
87	125UHB - ZK - 150 - 15	150	15	2900	21.5	22		
88	125UHB - ZK - 80 - 15	80	15	1450	10.2	11		

UHB - ZK 型泵续表 2 UHB - ZK Type Pump Table 2 (continued)

序号 No.	型 号 Type	流量 Capacity (m ³ /h)	扬程 Head (m)	转速 Speed (r/min)	功率 (KW) Power		进出口直径 Inlet outlet diameter (mm × mm)	重量 Weight (kg)
					轴功率 Shaft Power	配备电机 motor Power		
89	150UHB - ZK - 120 - 25	120	25	1450	22	30	150 × 125	1000
90	150UHB - ZK - 80 - 11	80	11	980	8.9	11		
91	150UHB - ZK - 150 - 20	150	20	1450	24.5	30		
92	150UHB - ZK - 180 - 30	180	30	1450	35.5	37		
93	150UHB - ZK - 210 - 26	210	26	1450	36.4	37		
94	150UHB - ZK - 148 - 11	148	11	980	15	15		
95	150UHB - ZK - 240 - 24	240	24	1450	37	37		
96	150UHB - ZK - 270 - 20	270	20	1450	36	37	150 × 125	1000
97	150UHB - ZK - 190 - 18	190	18	1450	22	22		
98	150UHB - ZK - 135 - 8	135	8	980	10.5	11		
99	150UHB - ZK - 260 - 16	260	16	1450	28	30		
100	150UHB - ZK - 280 - 14	280	14	1450	28.2	30		
101	150UHB - ZK - 120 - 40	120	40	1450	33.6	37		
102	150UHB - ZK - 150 - 40	150	40	1450	42	45		
103	150UHB - ZK - 101 - 18	101	18	980	12.8	15	200 × 150	1200
104	150UHB - ZK - 200 - 32	200	32	1450	44	45		
105	150UHB - ZK - 250 - 30	250	30	1450	44.5	45		
106	150UHB - ZK - 300 - 25	300	25	1450	45	45		
107	200UHB - ZK - 320 - 32	320	32	1450	55	55		
108	200UHB - ZK - 210 - 14	210	14	980	18.4	18.5		
109	200UHB - ZK - 350 - 28	350	28	1450	55	55		
110	200UHB - ZK - 400 - 25	400	25	1450	70	75	200 × 150	1200
111	200UHB - ZK - 250 - 45	250	45	1450	74	75		
112	200UHB - ZK - 168 - 20	168	20	980	27	30		
113	200UHB - ZK - 300 - 38	300	38	1450	72	75		
114	200UHB - ZK - 350 - 34	350	34	1450	73.8	75		
115	200UHB - ZK - 320 - 24	320	24	1450	42	45		
116	200UHB - ZK - 215 - 10	215	10	980	15.6	18.5		
117	200UHB - ZK - 350 - 20	350	20	1450	43	45	250 × 200	1450
118	200UHB - ZK - 400 - 18	400	18	1450	44	45		
119	200UHB - ZK - 500 - 12	500	12	1450	45	45		
120	250UHB - ZK - 400 - 45	400	45	1450	112	132		
121	250UHB - ZK - 270 - 20	270	20	980	35	37		
122	250UHB - ZK - 500 - 37	500	37	1450	118	132		
123	250UHB - ZK - 600 - 30	600	30	1450	120	132		
124	250UHB - ZK - 400 - 32	400	32	1450	85	90	250 × 200	1450
125	250UHB - ZK - 270 - 14	270	14	980	25	30		
126	250UHB - ZK - 500 - 26	500	26	1450	79	90		
127	250UHB - ZK - 600 - 20	600	20	1450	84	90		