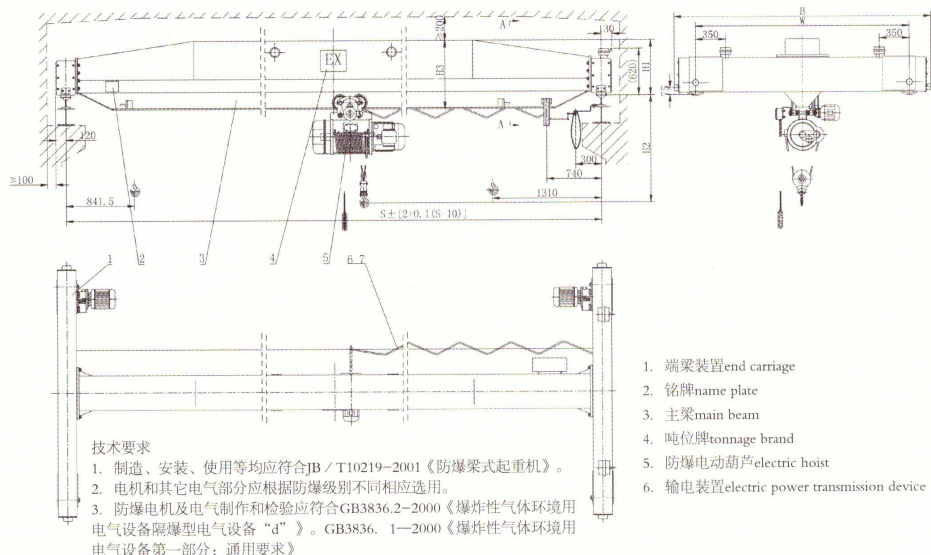




LB型防爆电动单梁起重机

LB type explosion proof electric single girder crane

简图 Sketch



技术参数 Technological parameter

起重機運行機構 crane travelling mechanism	運行速度 (m/min) Working speed		20	
	速比 speed ratio		58.95	
	電動機 motor	型號 type	防爆型錐形鼠籠 cone squirrel-cage	
		功率 (Kw) power	2×0.8、2×2.2、1.5×2	
轉速 (n / min) rotational speed		1380		
起升機構 (電動葫蘆) 及電動葫蘆運行機構 Lifting Mechanism (electric hoist) & electric hoist travelling mechanism	電動葫蘆型式 model ofelectric hoist		HB、BCD、BMD	
	起升速度 (m/min)Lifting speed		8 / 0.8、7 / 0.7、3.5 / 0.35	8、7、3.5
	起升高度H (m) Hoisting height		6、9、12、18、24	
	運行速度 (n / min)Traveling speed		20	
	電動機 motor		防爆型錐形鼠籠 cone squirrel-cage model	
工作級別 Working class		A3		
電源 electric current		380V 50Hz three-phase		
車輪直徑 wheel diameter		φ 270、φ 370		
軌道面寬 width of trail		37~70mm		
防爆等級 explosion proof grade		Exd II BT4、Exd II CT4		



河南省矿山起重机有限公司

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技术参数 Technological parameter

起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the right
1	7.5	1.67	8.9	3.9	490	910	550	2000	2500	796	1274
	8	1.72	9.1	4.0							
	8.5	1.77	9.2	4.1							
	9	1.81	9.4	4.3							
	9.5	1.86	9.5	4.4							
	10	1.91	9.7	4.5							
	10.5	1.96	9.8	4.6							
	11	1.95	9.8	4.6							
	11.5	2.00	10.0	4.7							
	12	2.05	10.1	4.8							
	12.5	2.09	10.2	4.9							
	13	2.14	10.4	5.0							
	13.5	2.19	10.5	5.2							
	14	2.24	10.6	5.3							
	14.5	2.43	11.1	5.8							
	15	2.48	11.3	5.9							
	15.5	2.53	11.4	6.0							
	16	2.58	11.5	6.1							
	16.5	2.63	11.7	6.3							
	17	2.66	11.7	6.3							
	17.5	2.85	12.2	6.8							
	18	2.90	12.4	6.9							
	18.5	2.96	12.5	7.1							
	19	3.01	12.7	7.2							
	19.5	3.02	12.7	7.2							
	20	3.20	13.1	7.7							
	20.5	3.26	13.3	7.8							
	21	3.32	13.4	8.0							
	21.5	3.37	13.6	8.1							
	22	3.43	13.7	8.2							
	22.5	3.49	13.9	8.4							
	23	4.07	15.3	9.8							
23.5	4.13	15.5	10.0								
24	4.20	15.7	10.2								
24.5	4.26	15.8	10.3								
25	4.32	16.0	10.5								
25.5	4.39	16.2	10.6								
26	5.35	18.6	13.0								
26.5	5.43	18.8	13.2								
27	5.52	19.0	13.5								
27.5	5.60	19.2	13.7								
28	5.68	19.4	13.9								
28.5	5.76	19.6	14.1								



河南省矿山起重机有限公司



LB型防爆电动单梁起重机

LB type explosion proof electric single girder crane

技术参数 Technological parameter

起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the right
2	7.5	1.79	13.8	4.1	490	1080	550	2000	2500	871	1274
	8	1.84	14.0	4.2							
	8.5	1.88	14.1	4.3							
	9	1.93	14.3	4.4							
	9.5	1.98	14.5	4.5							
	10	2.03	14.7	4.6							
	10.5	2.07	14.8	4.7							
	11	2.12	15.0	4.8							
	11.5	2.25	15.4	5.1		1125	595				
	12	2.30	15.5	5.3							
	12.5	2.35	15.7	5.4							
	13	2.40	15.8	5.5							
	13.5	2.45	16.0	5.6							
	14	2.5	16.1	5.8							
	14.5	2.62	16.5	6.1	580	1140	700				
	15	2.68	16.6	6.2							
	15.5	2.74	16.8	6.3							
	16	2.79	17.0	6.5							
	16.5	2.85	17.1	6.6							
	17	2.91	17.3	6.8							
	17.5	3.23	18.1	7.6	660	1160	800	2500	3000		
	18	3.30	18.3	7.7							
	18.5	3.36	18.5	7.9							
	19	3.42	18.6	8.0							
	19.5	3.49	18.8	8.2							
	20	4.09	20.3	9.7	785	1135	900	3000	3500		
	20.5	4.17	20.5	9.9							
	21	4.24	20.7	10.1							
	21.5	4.32	20.9	10.3							
	22	4.40	21.1	10.5							
	22.5	4.47	21.3	10.7							
	23	5.31	23.4	12.7	820	1200	1000	3500	4000		
23.5	5.40	23.7	13.0								
24	5.49	23.9	13.2								
24.5	5.57	24.1	13.4								
25	5.66	24.3	13.6								
25.5	5.75	24.6	13.8								
26	6.40	26.2	15.5								
26.5	6.50	26.5	15.7	875	1250	1100	4000	4500			
27	6.60	26.7	16.0								
27.5	6.69	27.0	16.2								
28	6.79	27.2	16.4								
28.5	6.89	27.5	16.7								



河南省矿山起重机有限公司

LB型防爆电动单梁起重机

LB type explosion proof electric single girder crane



技术参数 Technological parameter

起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the right
3	7.5	1.93	18.9	4.2	530	1255	650	2000	2500	818.5	1291
	8	1.98	19.1	4.3							
	8.5	2.03	19.4	4.4							
	9	2.09	19.6	4.5							
	9.5	2.14	19.8	4.7							
	10	2.20	20.0	4.8							
	10.5	2.25	20.2	4.9							
	11	2.31	20.4	5.0							
	11.5	2.41	20.7	5.3	580	700	2500				
	12	2.47	20.9	5.4							
	12.5	2.53	21.1	5.6							
	13	2.59	21.3	5.7							
	13.5	2.64	21.5	5.9							
	14	2.70	21.7	6.0							
	14.5	3.02	22.5	6.8							
	15	3.08	22.7	6.9				660	1275		
	15.5	3.14	22.9	7.1							
	16	3.21	23.1	7.2							
	16.5	3.27	23.2	7.4							
	17	3.34	23.4	7.6							
	17.5	3.84	24.7	8.8							
	18	3.91	24.9	9.0							
	18.5	3.99	25.1	9.2	745	1290	900				
	19	4.06	25.3	9.4							
	19.5	4.14	25.5	9.6							
	20	4.92	27.5	11.5							
	20.5	5.01	27.7	11.7							
	21	5.09	28.0	11.9							
	21.5	5.18	28.2	12.2							
	22	5.27	28.4	12.4				820	1315		
	22.5	5.36	28.7	12.6							
	23	5.71	29.6	13.5							
23.5	5.80	29.8	13.7								
24	5.89	30.0	13.9								
24.5	5.99	30.3	14.2								
25	6.08	30.5	14.4								
25.5	6.17	30.8	14.6	875	1360	1200	4000			4500	
26	7.97	35.3	19.1								
26.5	8.09	35.6	19.4								
27	8.22	35.9	19.7								
27.5	8.34	36.2	20.0								
28	8.46	36.6	20.3								
28.5	8.59	36.9	20.7								



河南省矿山起重机有限公司



LB型防爆电动单梁起重机

LB type explosion proof electric single girder crane

技术参数 Technological parameter

起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the righ						
5	7.5	2.20	28.7	4.6	580	1460	720	2000	2500	41.5	1310						
	8	2.27	29.0	4.7													
	8.5	2.33	29.3	4.9													
	9	2.40	29.7	5.0													
	9.5	2.46	30.0	5.2													
	10	2.53	30.2	5.3													
	10.5	2.59	30.5	5.5													
	11	2.66	30.8	5.6													
	11.5	2.91	31.5	6.3	660	800	2500	3000									
	12	2.98	31.8	6.4													
	12.5	3.05	32.0	6.6													
	13	3.12	32.3	6.8													
	13.5	3.20	32.5	6.9													
	14	3.27	32.8	7.1													
	14.5	3.52	33.5	7.7													
	15	3.60	33.7	7.9					745			1540	900	41.5	1310		
	15.5	3.68	33.9	8.1													
	16	3.75	34.2	8.3													
	16.5	3.83	34.4	8.5													
	17	3.90	34.6	8.7													
	17.5	4.41	35.9	9.9													
	18	4.50	36.2	10.2													
	18.5	4.59	36.5	10.4	820	1500										1000	41.5
	19	4.68	36.7	10.6													
	19.5	4.76	37.0	10.8													
	20	5.23	38.2	12.0													
	20.5	5.33	38.4	12.2													
	21	5.42	38.7	12.4													
	21.5	5.51	38.9	12.7													
	22	5.60	39.2	12.9					875			1545	1100				
	22.5	5.70	39.5	13.1													
	23	7.08	42.9	16.6													
23.5	7.20	43.2	16.9														
24	7.32	43.6	17.2														
24.5	7.43	43.9	17.4														
25	7.55	44.2	17.7														
25.5	7.67	44.5	18.0														
26	9.01	47.9	21.4	1015	1670	1300			4000	4500							
26.5	9.16	48.3	21.7														
27	9.30	48.6	22.1														
27.5	9.44	49.0	22.5														
28	9.58	49.4	22.8														
28.5	9.72	49.7	23.2														



河南省矿山起重机有限公司

LB型防爆电动单梁起重机

LB type explosion proof electric single girder crane



技术参数 Technological parameter

起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position or the right
10	7.5	3.26	51.3	6.1	720	1850	900	2000	2500	1293	1893
	8	3.34	52.1	6.3							
	8.5	3.43	52.9	6.5							
	9	3.51	53.5	6.6							
	9.5	3.59	54.2	6.8							
	10	3.67	54.8	7.0							
	10.5	3.76	55.3	7.2							
	11	3.84	55.8	7.3	820	1850	1000				
	11.5	4.05	56.6	7.9							
	12	4.14	57.1	8.1							
	12.5	4.22	57.6	8.3							
	13	4.31	58.0	8.5							
	13.5	4.40	58.4	8.7							
	14	4.49	58.8	8.9							
	14.5	4.80	59.8	9.6	875	1900	1100				
	15	4.89	60.2	9.8							
	15.5	4.98	60.6	10.1							
	16	5.07	60.9	10.3							
	16.5	5.17	61.3	10.5							
	17	5.26	61.7	10.7							
	17.5	5.53	62.5	11.4							
	18	5.63	62.8	11.6	925	2000	1250				
	18.5	5.73	63.2	11.9							
	19	5.83	63.5	12.1							
	19.5	5.92	63.9	12.3							
	20	6.89	66.4	14.8							
	20.5	7.01	66.8	15.0							
	21	7.12	67.1	15.3							
	21.5	7.24	67.5	15.6	1100	1920	1350				
	22	7.36	67.9	15.9							
	22.5	7.48	68.2	16.2							
	23	8.96	72.0	19.9							
23.5	9.11	72.5	20.3								
24	9.26	72.9	20.6								
24.5	9.41	73.3	21.0								
25	9.56	73.8	21.4	1200	1450	4000					
25.5	9.71	74.2	21.7								
26	13.09	82.7	30.2								
26.5	13.29	83.3	30.7								
27	13.48	83.8	31.2								
27.5	13.67	84.3	31.6								
28	13.86	84.8	32.1								
28.5	14.05	85.4	32.6								



河南省矿山起重机有限公司



LB型防爆电动单梁起重机

LB type explosion proof electric single girder crane

技术参数 Technological parameter

起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the right
16	7.5	3.64	77.2	7.0	820	2480	1000	2000	2500	1293	1893
	8	3.74	78.3	7.2							
	8.5	3.84	79.4	7.4							
	9	3.94	80.4	7.6							
	9.5	4.04	81.3	7.9							
	10	4.14	82.1	8.1							
	10.5	4.24	82.9	8.3							
	11	4.34	83.6	8.5	875	2525	1100	2500			
	11.5	4.55	84.6	9.0							
	12	4.66	85.2	9.3							
	12.5	4.76	85.9	9.5							
	13	4.87	86.5	9.8							
	13.5	4.97	87.1	10.0							
	14	5.08	87.6	10.3							
	14.5	5.93	90.0	12.4	975	2570	1200	3000			
	15	6.06	90.6	12.7							
	15.5	6.18	91.1	13.0							
	16	6.31	91.7	13.3							
	16.5	6.43	92.2	13.6							
	17	6.56	92.7	13.9							
	17.5	7.19	94.5	15.5					1075		
	18	7.33	95.0	15.8							
	18.5	7.47	95.5	16.1							
	19	7.61	96.0	16.5							
	19.5	7.75	96.5	16.8							
	20	8.56	98.7	18.9	1130	2600	1400	4000			
	20.5	8.72	99.2	19.2							
	21	8.87	99.7	19.6							
	21.5	9.03	100.2	20.0							
	22	9.18	100.8	20.4							
	22.5	9.34	101.3	20.8	1280	2600	1550	4700			
	23	12.41	109.0	28.4							
23.5	12.61	109.6	28.9								
24	12.81	110.2	29.4								
24.5	13.02	110.9	30.0								
25	13.22	111.5	30.5								
25.5	13.43	112.0	31.0								
26	14.34	114.4	33.2	1300	2600	1600	4700				
26.5	14.55	115.0	33.8								
27	14.77	115.6	34.3								
27.5	14.98	116.3	34.8								
28	15.20	116.9	35.4								
28.5	15.42	117.5	35.9								



河南省矿山起重机有限公司

LB型防爆电动单梁起重机

LB type explosion proof electric single girder crane



起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the right
20	7.5	5.45	97.9	10.2	900	2450	1050	2000	2700	1394	1933
	8	5.58	99.5	10.5							
	8.5	5.70	101.0	10.7							
	9	5.83	102.3	11.0							
	9.5	5.96	103.5	11.3							
	10	6.09	104.6	11.6							
	10.5	6.22	105.7	11.8							
	11	6.35	106.6	12.1	970	2480	1150	2500	3200		
	11.5	6.99	108.8	13.7							
	12	7.15	109.8	14.0							
	12.5	7.30	110.7	14.4							
	13	7.45	111.5	14.7							
	13.5	7.60	112.3	15.1							
	14	7.76	113.1	15.5							
	14.5	8.67	115.8	17.7	1050	2530	1280	2500	3200		
	15	8.85	116.6	18.1							
	15.5	9.02	117.3	18.6							
	16	9.20	118.1	19.0							
	16.5	9.37	118.8	19.4							
	17	9.55	119.5	19.8							
	17.5	10.50	122.2	22.2	1130	2560	1390	2500	3200		
	18	10.70	122.9	22.7							
	18.5	10.89	123.6	23.1							
	19	11.09	124.3	23.6							
	19.5	11.28	125.0	24.1							
	20	12.02	127.0	25.9							
	20.5	12.23	127.7	26.4	1200	2600	1500	3000	3700		
	21	12.44	128.4	26.9							
	21.5	12.64	129.1	27.4							
	22	12.85	129.8	27.9							
	22.5	12.96	130.5	28.5							
	23	13.88	132.7	30.5							
	23.5	14.10	133.4	31.0	1300		1600	3500	4200		
	24	14.31	134.0	31.6							
	24.5	14.52	134.78	23.1							
	25	14.74	135.4	23.6							
	25.5	14.96	135.6	33.1							

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河南省矿山起重机有限公司

LB型防爆电动单梁起重机

LB type explosion proof electric single girder crane



起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the right
20	7.5	5.45	97.9	10.2	900	2450	1050	2000	2700	1394	1933
	8	5.58	99.5	10.5							
	8.5	5.70	101.0	10.7							
	9	5.83	102.3	11.0							
	9.5	5.96	103.5	11.3							
	10	6.09	104.6	11.6							
	10.5	6.22	105.7	11.8							
	11	6.35	106.6	12.1	970	2480	1150	2500	3200		
	11.5	6.99	108.8	13.7							
	12	7.15	109.8	14.0							
	12.5	7.30	110.7	14.4							
	13	7.45	111.5	14.7							
	13.5	7.60	112.3	15.1							
	14	7.76	113.1	15.5							
	14.5	8.67	115.8	17.7	1050	2530	1280	2500	3200		
	15	8.85	116.6	18.1							
	15.5	9.02	117.3	18.6							
	16	9.20	118.1	19.0							
	16.5	9.37	118.8	19.4							
	17	9.55	119.5	19.8							
	17.5	10.50	122.2	22.2	1130	2560	1390	2500	3200		
	18	10.70	122.9	22.7							
	18.5	10.89	123.6	23.1							
	19	11.09	124.3	23.6							
	19.5	11.28	125.0	24.1							
	20	12.02	127.0	25.9	1200	2600	1500	3000	3700		
	20.5	12.23	127.7	26.4							
	21	12.44	128.4	26.9							
	21.5	12.64	129.1	27.4							
	22	12.85	129.8	27.9							
	22.5	12.96	130.5	28.5							
	23	13.88	132.7	30.5	1300		1600	3500	4200		
	23.5	14.10	133.4	31.0							
	24	14.31	134.0	31.6							
	24.5	14.52	134.78	32.1							
	25	14.74	135.4	32.6							
	25.5	14.96	135.6	33.1							

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