



Explanation
The installation and acceptance of gantry crane according to GB/T 14406《General Gantry Crane》

Model	MG _{HZ} 32/5-23.4	Trolley gauge<m>	4.2
Rated Lifting Capacity<t>	32	小车基距<m>	4.0
Span<m>	23.4	大车基距<m>	8.058
Working class	A5	主钩左极限位置<m>	3.0
Lifting height<m>	10	Max.wheel pressure<KN>	17.0
Depth<m>	40	Total Power<KW>	112
Adaptive Slope	≤0.5%		

	Main lifting mechanism	Auxiliary lifting mechanism
Lifting speed<m/min>	10	7
Max.lifting capacity<t>	32	5
Working class	M5	M3
Motor model	YZR280M-6-75KW	—
Power<KW>	75	—
Reducer model	ZQ75 i=23.34	—
Brake model	YWZ ₈ -400/90	—
Braking torque<N·m>	1600	—
Roller diameter<mm>	800	—
Fixed block diameter<mm>	600	—
Steel rope model	φ26(6×37)-1670	—
Limiter of lifting height	LX10-32	—

	cart traveling mechanism	Trolley traveling mechanism
Speed<m/min>	20	20
Working class	M5	M5
Motor model	YTS160M-6-7.5KW	YTS160M-6-7.5KW
Power<KW>	7.5	7.5
Reducer model	ZSC600-77.5-1-6	ZSC600-59-1-6
Reducer model	YWZ ₆ 200/25	YWZ ₆ 200/25
Braking torque<N·m>	200	200
Wheel quantity	8	4
tread diameter of wheel<mm>	400	400
Rail	P43	P43
Traveling switch model	JLXK ₁ -311	JLXK ₁ -311

16	MG _{HZ} 32/5-23.4-7-0	Ladder and platform	1	Weldment			
15	MG _{HZ} 32/5-23.4-6-0B	Crane driven running mechanism	2	Component			
14	MG _{HZ} 32/5-23.4-6-0	Crane driving running mechanism	2	Component			
13	MG _{HZ} 32/5-23.4-5-0	Down transverse girder	2	Weldment			
12	GB93-1987	30 Spring washer	112				
11	GB95-2002	30 Flat washer	112				
10	GB/T41-2000	M30 Nut	112				
9	GB/T5782-2000	M30x90 Bolt	112				
8	GB93-1987	24 Spring washer	168				
7	GB95-2002	24 Flat washer	168				
6	GB/T41-2000	M24 Nut	168				
5	GB/T5782-2000	M24x70 Bolt	168				
4	MG _{HZ} 32/5-23.4-4-0	Legs	4	Weldment			
3	MG _{HZ} 32/5-23.4-3-0	Control room and electrical system	1				
2	MG _{HZ} 32/5-23.4-2-0	Lifting trolley	1	Component			
1	MG _{HZ} 32/5-23.4-1-0	Main longitudinal girder	1	Component			
No.	Code Name	Name	Quantity	Material	Single Piece Weight	Total Weight	Remark

				Component			Zhengzhou Huazhong Construction Machinery Co., Ltd.
Marker	Places	Area	Modification	Signature	Year-Month-Date	Assembly Schematic Sketch	
Design			Standard			Phase Marker	Weight Proportion
Check							1:100
Technology			Authorize			Total Pieces	Piece
							MG _{HZ} 32/5-23.4-0