

Spare Parts list

Item No.	Item Description	Manufacturer's Part Identification	Unit of Measure	Quantity	Lead Time for Delivery (EXW Basis)	Frequency of replacement	KKS
1 CW, Pump & Valve Station Crane							
1.1	Hoisting Brake Disc (Main)	YWB250-500-IA	PCS	1	90 days	3 years	00SMB01AE001
1.2	Hoisting Brake Wheel (Main)	MLL7-I-250*105 YA60*142/YA50*97	PCS	1	90 days	3 years	
1.3	Hoisting Rectifier (Main)	BG1.5	PCS	1	90 days	3 years	
1.4	Wire Rope Set (Main)	22-8*26WS-1960	PCS	2	120 days	2 years	
1.5	Hook Safety Latch (Main)	DHR25T51812-373.14	PCS	2	90 days	3 years	
1.6	Hoisting Brake Disc (Aux)	YWB250-300-IB	PCS	1	90 days	3 years	
1.7	Hoisting Brake Wheel (Aux)	MLL6-I-250*105 YA55*112/YA38*132	PCS	1	90 days	3 years	
1.8	Hoisting Rectifier (Aux)	BG1.5	PCS	1	90 days	3 years	
1.9	Wire Rope Set (Aux)	11-8*19S-2160	PCS	2	120 days	2 years	
1.10	Traverse Brake Disc (Aux)	BE5	PCS	1	90 days	3 years	
1.11	Traverse Brake Wheel (Aux)	FSG32-10.4C	PCS	1	90 days	3 years	
1.12	Traverse Brake axle (Aux)	EDW320-9.02-FA87	PCS	1	90 days	3 years	
1.13	No Fuse Breaker (Hoist & T/S)	OSMC32N2C4	PCS	2	90 days	10000 times	
1.14	Magnet Contactor (Hoist & T/S)	LC1-D09M7C	PCS	5	80 days	1,000,000 times	
1.15	Silicon Rectifier (T/S)	BG1.5	PCS	1	90 days	3 years	
1.16	Remote Control Card	PL10K-A2	PCS	1	90 days	3 years	
1.17	No Fuse Breaker (T/L)	OSMC32N2C4	PCS	1	90 days	10000 times	
1.18	Earth Leakage Breaker	OSMC32N2C4	PCS	1	90 days	10000 times	
1.19	Magnet Contactor (T/L)	LC1-D09M7C	PCS	4	80 days	1,000,000 times	
1.20	Silicon Rectifier (T/L)	BG1.5	PCS	1	90 days	3 years	
1.21	Aux. Relay	RXM4AB2P7+RXZE2M114+RXZ 400	PCS	1	90 days	1,000,000 times	
1.22	Current Collector	DMHX-200-L	PCS	1	90 days	3 years	
1.23	Inverter Parts	VW3A3407	PCS	1	90 days	10 years	
1.24	Bearing Set of Travelling wheel set	GB/T288 22219C/W33	PCS	1	90 days	3 years	
1.25	Hook Safety Latch (Aux)	DHS8T51108-220.02	PCS	1	90 days	3 years	
2 Storage Building Crane							
2.1	Hoisting Brake Disc	EWH510041P75FDBN	PCS	1	90 days	3 years	00SMB01AE002
2.2	Hoisting Brake Wheel	EWH510041P75FDBN	PCS	1	90 days	3 years	
2.3	Hoisting Rectifier	EWH510041P75FDBN	PCS	1	90 days	3 years	
2.4	Wire Rope Set	EWH510041P75FDBN	PCS	2	120 days	2 years	
2.5	No Fuse Breaker (Hoist & T/S)	EWH510041P75FDBN	PCS	2	90 days	10000 times	
2.6	Magnet Contactor	EWH510041P75FDBN	PCS	3	80 days	1,000,000 times	
2.7	Silicon Rectifier	LC1-D09E7C	PCS	1	90 days	3 years	
2.8	Push Button	BG1.5	PCS	1	90 days	3 years	
2.9	Bearing Set of Travelling wheel set	PL10K-A3-NO	PCS	1	90 days	3 years	
2.10	Hook Safety Latch	GB/T288 22217C/W33	PCS	2	90 days	3 years	
3 Workshop Building Crane							
3.1	Hoisting Brake Disc	EWH510041P75FDBN	PCS	1	90 days	3 years	00SMB01AE003
3.2	Hoisting Brake Wheel	EWH510041P75FDBN	PCS	1	90 days	3 years	
3.3	Hoisting Rectifier	EWH510041P75FDBN	PCS	2	90 days	3 years	
3.4	Wire Rope Set	EWH510041P75FDBN	PCS	2	120 days	2 years	
3.5	No Fuse Breaker (Hoist & T/S)	EWH510041P75FDBN	PCS	2	90 days	10000 times	
3.6	Magnet Contactor	EWH510041P75FDBN	PCS	5	80 days	1,000,000 times	
3.7	Silicon Rectifier	LC1-D09E7C	PCS	2	90 days	3 years	
3.8	Push Button	BG1.5	PCS	2	90 days	3 years	
3.9	Bearing Set of Travelling wheel set	PL10K-A3-NO	PCS	2	90 days	3 years	
3.10	Hook Safety Latch	GB/T288 22214CC/W33	PCS	2	90 days	3 years	
4 CW Screen Plant Gantry Crane							
4.1	Hoisting Brake Disc (Main)	EWH610022PA4FDIN	PCS	2	90 days	3 years	00SMB01AE004
4.2	Hoisting Brake Wheel (Main)	EWH610022PA4FDIN	PCS	2	90 days	3 years	
4.3	Hoisting Rectifier (Main)	EWH610022PA4FDIN	PCS	1	90 days	3 years	
4.4	Wire Rope Set (Main)	EWH610022PA4FDIN	PCS	2	120 days	2 years	
4.5	No Fuse Breaker (Hoist & T/S)	EWH610022PA4FDIN	PCS	2	90 days	10000 times	
4.6	Magnet Contactor (Hoist & T/S)	EWH610022PA4FDIN	PCS	4	80 days	1,000,000 times	
4.7	Silicon Rectifier (T/S)	EWH610022PA4FDIN	PCS	2	90 days	3 years	
4.8	Remote Control Card	EWH610022PA4FDIN	PCS	1	90 days	3 years	
4.9	No Fuse Breaker (T/L)	EWH610022PA4FDIN	PCS	2	90 days	10000 times	
4.10	Earth Leakage Breaker	PL10K-A1	PCS	2	90 days	10000 times	
4.11	Magnet Contactor (T/L)	GV2-ME32C	PCS	6	80 days	1,000,000 times	
4.12	Silicon Rectifier (T/L)	OSMC32N1C6	PCS	2	90 days	3 years	
4.13	Current Collector	LC1D09E7C	PCS	1	90 days	3 years	
4.14	Bearing Set of Travelling wheel set	BG1.5	PCS	2	90 days	3 years	
4.15	Hook Safety Latch	BJS-5B-80S	PCS	2	90 days	3 years	
5 Fly Ash Air Compressor Room Crane							
5.1	Hoisting Brake Disc	EWH510041P75FDBN	PCS	1	90 days	3 years	00SMB01AE005
5.2	Hoisting Brake Wheel	EWH510041P75FDBN	PCS	1	90 days	3 years	
5.3	Hoisting Rectifier	EWH510041P75FDBN	PCS	1	90 days	3 years	
5.4	Wire Rope Set	EWH510041P75FDBN	PCS	2	120 days	2 years	
5.5	No Fuse Breaker (Hoist & T/S)	EWH510041P75FDBN	PCS	2	90 days	10000 times	
5.6	Magnet Contactor	EWH510041P75FDBN	PCS	6	80 days	1,000,000 times	
5.7	Silicon Rectifier	EWH510041P75FDBN	PCS	1	90 days	3 years	
5.8	Push Button	EWH510041P75FDBN	PCS	1	90 days	3 years	

Main configuration list

Item	KKS	Equipment Description	Equipment Quantity	Part name	Part type	Quantity	Remarks								
1	00SMB01AE001	CW, Pump & Valve Station Crane FWD80/20-14.5-34.3 A3	1	Main hoisting motor	1LE0001-2BB03-3AA4=F70+X431+Q3A+B02	1	P=37kw								
				Main hoisting gearbox	M4PHT70-355-24-A	1									
				Main hoisting brake	YWB250-500-IA-380V/50HZ	1	Brake torque:500N.m								
				Aux. hoisting motor	1LE0001-2AB43-3AA4=F70+X431+Q3A+B02	1	P=30kw								
				Aux. hoisting gearbox	MC3PLHT04-50-13-A	1									
				Aux. hoisting brake	YWB250-300-IB-380V/50HZ	1	Brake torque:315N,m								
				Traversing gearmotor	FA87/GDRS112M4/BE5-M1/IP55 /F/i=50.36-380V/50HZ	2	P=4kw, i=50.36								
				Travelling gearmotor	FA87/GDRS132S4/BE11-M1/IP55 /F/i=56.75-380V/50HZ	2	P=5.5kw, i=56.75								
				Main hoisting limit switch	FGR20106	1	1:200								
				Aux. hoisting limit switch	FGR20106	1	1:200								
				Main hoisting load limiter	DP12548-42212-500.02.05A	2									
				Aux. hoisting load limiter	DP202051108-220.02.02	2									
				Main hoisting wire rope	22-8x26-2160	2	One is left hand ordinary lay and the other is right hand ordinary lay, L=176m								
				Aux. hoisting wire rope	11-8x26-2160	2	One is left hand ordinary lay and the other is right hand ordinary lay, L=144m								
2	00SMB01AE002	Storage Building Crane FHD10-35-8 A3	1	Hoisting gearbox	YQB100/QS10000/YZ132M-12/2	1	P=1.5/9.5kw, i=118								
				Traversing gearbox	YQB04/YX100B/YZ71-4	2	P=0.44kw, i=49.5								
				Travelling gearbox	FA57/GDRS90M4/BE2/HF-M1/IP55 /F/i=35.79-380V/50Hz	2	P=1.5kw, i=35.79								
				Hoisting limit switch	QGX.10.00	1									
				Load limiter	ZX-2.5A	1									
				Wire rope	11-8x26-2160	1	Left hand ordinary lay, L=43m								
				Traversing VFD	ATV310HU15N4	1									
				Travelling VFD	ATV312HU30N4	1									
				3	00SMB01AE003	Workshop Building Crane FHD10-30-8 A3	1	Hoisting gearbox	YQB100/QS10000/YZ132M-12/2	1	P=1.5/9.5kw, i=118				
								Traversing gearbox	YQB04/YX100B/YZ71-4	2	P=0.44kw, i=49.5				
								Travelling gearbox	FA57/GDRS90L4/BE5-M1/IP55 /F/i=24.96-380V/50HZ	2	P=2.5kw, i=24.96				
								Hoisting limit switch	QGX.10.00	1					
								Load limiter	ZX-2.5A	1					
								Wire rope	11-8x26-2160	1	Left hand ordinary lay, L=43m				
Traversing VFD	ATV310HU15N4	1													
Travelling VFD	ATV312HU55N4	1													
4	00SMB01AE004	CW Screen Plant Gantry Crane FHDG10-18.5-29 A3	1					Hoisting gearbox	ZFB155/GH20000/3D160LB4XR-12/2	1	P=2.6/16kw, i=169				
								Traversing gearbox	ZFL15/G100F/4D71B-4	2	P=0.64kw, i=36.9				
								Travelling gearbox	KA77/TDRS100M4/BE5-M4/IP56 /F/i=45.16-380V/50HZ	2	P=3.3kw, i=45.16				
								Hoisting limit switch	QGX.20.00	1					
								Load limiter	ZX-2.5A	1					
								Wire rope	11-8x26-2160	2	One is left hand ordinary lay and the other is right hand ordinary lay, L=72m				
				Traversing VFD	ATV310HU15N4	1									
				Travelling VFD	ATV312HU75N4	1									
				5	00SMB01AE005	Fly Ash Air Compressor Room Crane FHS8-12-8 A3	1	Hoisting gearbox	YQB100/QS10000/YZ132M-12/2	1	P=1.5/9.5kw, i=118				
								Traversing gearbox	YQB04/YX90A/YZ71-4	1	P=0.96kw, i=24				
								Travelling gearbox	FA37/GDRS80S4/BE1-M1/IP55/ F/i=20.57-380V/50HZ	2	P=.075kw, i=20.57				
								Hoisting limit switch	QGX.10.00	1					
								Load limiter	ZX-2.5A	1					
								Wire rope	11-8x26-2160	1	Left hand ordinary lay, L=54m				
Traversing VFD	ATV320U15N4C	1													
Travelling VFD	ATV312HU15N4	1													
6	00SMB01AE006	Maintenance Garage for Coal Yard Crane FHS10-8-6 A3	1					Hoisting gearbox	YQB100/QS10000/YZ132M-12/2	1	P=1.5/9.5kw, i=118				
								Traversing gearbox	YQB04/YX90A/YZ71-4	1	P=0.96KW, i=24				
								Travelling gearbox	FA37/GDRS80S4/BE1/HF-M1/IP55 /F/i=23.63-380V/50HZ	2	P=0.75kw, i=23.63				
								Hoisting limit switch	QGX.10.00	1					
								Load limiter	ZX-2.5A	1					
								Wire rope	11-8x26-2160	1	Left hand ordinary lay, L=42m				
				Traversing VFD	ATV310HU15N4	1									
				Travelling VFD	ATV312HU15N4	1									
				7	00SMB01AE012	Fire water pump house-electric motor driven pump room hoist Electric wire rope hoist EWH5t-8.5m	1	Hoisting gearbox	YQB60/QS5000/YZ112M-12/2	1	P=6.1/1kw, i=75				
								Traversing gearbox	ZFL15/G80F/4D71B-4	1	P=0.64kw, i=10.556				
								Hoisting limit switch	QGX.05.00	1					
								Load limiter	ZX-2.5T	1					
								Wire rope	8-8x26-2160	1	Left hand ordinary lay, L=41m				
								Traversing VFD	ATV320U15N4C	1					
8	00SMB01AE013	Fire water pump house-diesel engine driven pump room Electric wire rope hoist EWH5t-8.5m	1					Hoisting gearbox	YQB60/QS5000/YZ112M-12/2	1	P=6.1/1kw, i=75				
								Traversing gearbox	ZFL15/G80F/4D71B-4	1	P=0.64kw, i=10.556				
								Hoisting limit switch	QGX.05.00	1					
								Load limiter	ZX-2.5T	1					
								Wire rope	8-8x26-2160	1	Left hand ordinary lay, L=41m				
								Traversing VFD	ATV320U15N4C	1					
								9	00SMB01AE016	Instrument/service air compressor house Electric wire rope hoist EWH10t-4.2m	1	Hoisting gearbox	YQB100/QS10000/YZ132M-12/2	1	P=1.5/9.5kw, i=118
												Traversing gearbox	YQB04/YX90A/YZ71-4	1	P=0.96kw, i=24
				Hoisting limit switch	QGX.10.00	1									
				Load limiter	ZX-2.5A	1									
				Wire rope	11-8x26-2160	1	Left hand ordinary lay, L=31m								
				Traversing VFD	ATV320U15N4C	1									