



主要技术参数
Major Technical Parameters

序号 NO	技术参数 Description	单位 Unit	数值 Value	备注 Note
1	名义筛孔 Nominal Aperture	mm	3500	
2	使用速度 Operating Speed	m	15.1	
3	链条节距 Chain Pitch	mm	500	
4	筛网上升速度 Screen Operation up Speed	m/min	3.6/1.8	
5	正常运行水流量 Normal Operation Water Flow	mm	300/200	
6	报警水位差 Warning Water Difference	mm	400	
7	筛网设计承受最大静水压力 Designed Max Water Pressure Of Screen Panel Supported	mm	1500	
8	筛网净尺寸 Net Size of Screen Mesh	mm	6.43x6.43	
9	行星减速机传动比 Pinion Gear Ratio	Model	XWD75/5-108	
10	行星减速机功率 Power	Kw	7.5/5	防护等级 IP56
11	电动机转速 Electric Motor Speed	r/min	1450/730	
12	传动比 ratio of chain drive	i	4.35	
13	最大进料量 Max feed rate of handling screen	t	1258	
14	主链转速 rotating speed of spindle	r/min	1.153/0.58	
15	喷嘴冲洗压力 Nozzle Flushing Pressure	Mpa	0.3~0.4	
16	一台筛网冲洗水量 Flushing volume of One Screen	m³/h	175	
17	筛网最大行程高度 lifting height of digress part	m	4	
	筛网重量 lifting weight of harness part	Kg	6000	

序号 NO	代号 Code	名称 Name	数量 Quantity	材料 Material	备注 Remark
14		螺栓 M8x15 Bolt M8x15	6	316L	
13	X423.5/15.1-08	行星减速机 Sprocket stand	1	316L	
12		链条 Z4	4	316L	
11		螺栓 M24x100 Bolt M24x100	4	316L	
10		螺母 M24 Nut M24	8	316L	
9	XWED75/5-106	行星减速机 Cycloid Reduction Pin Gear	1	组 件 Assembly	
8	X423.5/15.1-07	行星减速机 Stand of Sprocket	1	316L	
7	X423.5/15.1-1M	二次减速机 Secondary Embedment	1	316L	
6	X423.5/15.1-06	行星减速机 Top Sprocket Units	1	316L	
5	X423.5/15.1-05	行星减速机 Flushing pipeline	1	316L	
4	X423.5/15.1-04	上链架 Top Machine Frame	1	316L	
3	X423.5/15.1-03	渣打罐 Debris Discharge Channel	1	316L	
2	X423.5/15.1-02	链条子网架 Chain and Screen Panel	69	316L	
1	X423.5/15.1-01	行星减速机及防护罩 Open lower machine device	2	316L	

2	07JUN.2013	Li zhanke	YaoJian	Ren Jigang	
1	04MAR.2012	Li zhanke	YaoJian	Ren Jigang	
REV.	DATE	DESIGNED BY	CHECKED BY	REVIEWED BY	DESCRIPTION

OWNER
VIETNAM ELECTRICITY
TRANSCORPORATION
THERMAL POWER PROJECT MANAGEMENT BOARD 3
CONSULTANT
ENRPM22
POWER ENGINEERING CONSULTING JOINT STOCK COMPANY 2

CONTRACTOR
DONGFANG ELECTRIC CORPORATION LIMITED
SUBCONTRACTOR
SHAANXI ZHONGHUA MACHINERY CO.,LTD

DBC REF.No.
DH1/SXZH/MANU013
MANU REF.No.
MANU013
CONTRACT NO. :
DH1-30032010

PROJECT :
DUYEN HAI 1 THERMAL POWER PLANT PROJECT
TITLE 1 :
Installation General Drawing of XWC3500
Type Traveling Screen Cleaner

DESIGNED BY : REVIEWED BY : APPROVED BY :	CHECKED BY :	SCALE : 1:60 DATE : 25.Sep.2013 SUBMITTED FOR: FI
STATUS: DRAWING No. : X423.5/15.1-0 F4281-MANU013-0013-S101-001		REV. 3

