

## Specification of Slat conveyor for 850 dia blank transfer in SCB


WEX/HI/BT/05/2014-15


S/no	Description	Specification
1	Capacity	3.5 Ton
2	Type of conveyor	Slat conveyor Chain driven as per GA drawing enclosed.
3	Chain	Roller type 2.5" pitch
	Material of sprocket	CI Grade <b>IS20</b>
4	Breaking load	Suitable factor of safety to be taken
5	Material of chain	EN8
6	Material of pin	SS 202
7	Conveyor orientation	Horizontal to ground
8	Conveyor width	500 mm 4 ply canvas as per IS standard
	Conveyor Belt	Canvas on Neoprane Slat
	Cushon under the belt	Neoprene with 55 shore hardness
9	Length	5000mm
10	Height from ground to centre of conveyor	720mm
11	Height adjustment	500 mm up & down from conveyor centre using suitable screw rod arrangement driven by motor (Motor Capacity 01 HP)
12	Drive unit (Horizontal)	Clutch and brake Input 3 HP motor, 1440 rpm Output 18 RPM
13	Drive & non drive unit shaft material	EN8
14	Coupling	Pin Bush type Fenner/Hydax/Wellman/ Pembril/Lovejoy
15	Clutch brake	Fenner
16	General Structure	IS 2062 with std section channel & plate
17	Bearings	SKF /FAG /TIMKEN
18	Painting	2 coat enamel paint on 1 coat of red oxirde primer
19	Colour of paint	Pista green
20	Fasteners	TVS unbreakable /EK
21	Scope of vendor	Supply ,Erection & commissioning

Note Above specification and drawing is indicative only.

Supplier is requested to study the work in BHEL works and accordingly quote.

Page 1 of 2

  
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