



Z.C.E

شركة الزهراء
للمقاولات الهندسية
والتوريدات

EIZAHRAA FOR ENGINEERING CONTRACTING AND Supplying

Project Report: testaaaa

Project Details

Name: testaaaa

Client Name: aaaa

Capacity: aaaa

1. Mechanical Screen

Sec01: General Data

Field	Value
Manufacturer	Factory2
Quantity	12

Sec02: Design Data

Field	Value
Type	Multi tack2
Flow	0.112 m3/sec
No. of Rake	32
Width	5802 mm
Length	30002 mm
Dead plate	4 mm
Space between bars	25 mm
Bar Type	Rectangular
Bar section	10x20 mm
Inclination	75 Deg

Sec03: Gearmotor Data

Field	Value
Gearbox Trade mark	SEW2
Model	SA772/T
Electric Motor Trade Mark	SEW2
Rated Power	0.182 kW
Supply Voltage	3802 V, 3 Phases, 50 Hz

Sec04: Control panel Data

Field	Value
Local control panel	Electrostatic painting2
Panel thicknesses	22 mm
Protection	IP 54
Component	Schneider

Operation	Manual / Automatic timer switch
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Sec05: Material Data

Field	Value
Material of Frame & Guide	AISI 3162
Dead plate	AISI 3162
Rake	AISI 3162
Bar screen	AISI 3162
Sprocket	AISI 3162

Sec06: Other Data

Field	Value
Channel Width	6002 mm
Channel Depth	11802 mm

2. Manual Screen

Sec01: General Data

Field	Value
Manufacturer	Factory21
Quantity	121
Operation	Manual

Sec02: Design Data

Field	Value
Flow	0.11 m3/s
Width	570 mm
Length	2000 mm
Hand rake	No. 2
Space between bar	25 mm
Bar Type	Rectangular
Bar section	10x30 mm
Inclination	45 Deg

Sec03: Material Data

Field	Value
Frame	AISI 316
Rake	AISI 316
Bar screen	AISI 316

Sec04: Channel Data

Field	Value
Channel Width	600 mm
Depth	1180 mm

3. Manual Screen

Sec01: General Data

Field	Value
Manufacturer	Factory
Quantity	1
Operation	Manual

Sec02: Design Data

Field	Value
Flow	0.11 m3/s
Width	570 mm
Length	2000 mm
Hand rake	No. 2
Space between bar	25 mm
Bar Type	Rectangular
Bar section	10x30 mm
Inclination	45 Deg

Sec03: Material Data

Field	Value
Frame	AISI 316
Rake	AISI 316
Bar screen	AISI 316

Sec04: Channel Data

Field	Value
Channel Width	600 mm
Depth	1180 mm