



Project Name:

TESTING_A_0006

Client Name:

q

Capacity:

q

1. Mechanical Screen

Sec01: General Data

Field	Value
Manufacturer	Ietos Factory
Service	Inlet Area
Fluid	Sewage
Operation	Automatic & Manual
Quantity of Units	1
Country of Origin	Egypt

Sec02: Design Data

Field	Value
Type	Mechanical Coarse Screen-Multi rack
Channel Height (mm)	1111
Screen Width (mm)	1111
Water Level (mm)	611
Bar Th (mm)	11
Bar Width (mm)	50
Bar Spacing (mm)	26
Inclination Degree (Deg)	70

Sec03: Gearmotor Data

Field	Value
Power Required (Wat)	157.10
Power Supply	380/3/50
Driving Unit Service Factor	2

Motor Insulation Protection	IP 65
Isolation / Temp. Class	Class F/B
Motor Brakes	Included
Torque limiter	Included
Gear Motor	Rossi/Bonfiglioli

Sec04: Control panel Data

Field	Value
Voltage	380
Phase	3
Frequency	50
Insulation Protection	IP 65
Panel Thickness	2
Panel Material	Coated Steel
Components Type	Schneider

Sec05: Material Data

Field	Value
Screen Bars	Stainless Steel 316
Frame	Stainless Steel 316
Rack	Stainless Steel 316
Rack (Teeth)	Artelon
Sprockets	Stainless Steel 316
Dead Plate	Stainless Steel 316
Chain	Stainless Steel 316
Bolts & Nuts	A4

Sec06: Other Data

Field	Value
One Rack	Yes
Two sets of bearings	Yes

2. Belt Conveyor

Sec01: General Data

Field	Value
Manufacturer	Ietos Factory
Service	Screening Area
Fluid	Screening Disposals
Operation	Automatic & Manual
Quantity of Units	1
Country of Origin	Egypt

Sec02: Design Data

Field	Value
Belt Width	811
Belt Length	7111
Belt Thickness	10
Mounting	Horizontal
Chute	Included

Sec03: Gearbox Data

Field	Value
Type of drive	Gear Motor
Power	591.99
Power Supply	380/3/50
Driving Unit Service Factor	1.2
Motor Insulation Protection	IP 66
Isolation / Temp. Class	Class F/B

Gear Motor	Rossi/Bonfiglioli
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Sec04: Motor Data

Field	Value
Frame	Hot Dip Galvanized Steel
Idlers	Coated Steel Unit
Belt	Triple-Ply Nylon Layer
Driving & Driven Drum Set	Coated Steel Unit
Belt Scraper	Rubber
Bolts & Nuts	A4

Sec05: Material Data

Field	Value
1. One set of bearing	Yes
2. Five rollers with accessories	Yes
3. One set of bearing for motor	Yes