



Project Name:

A4

Client Name:

qqq

Capacity:

qq

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 Depth | 1500 |
| Channel Width | 400 |
| Water Depth | 600 |
| Bar Thickness | 10 |
| Bar Width | 50 |
| Bar Spacing | 25 |
| Inclination Degree | 60 |

Sec03: Gearmotor Data

| Field | Value |
|-----------------------------|----------|
| Power | 0.37 |
| 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 |