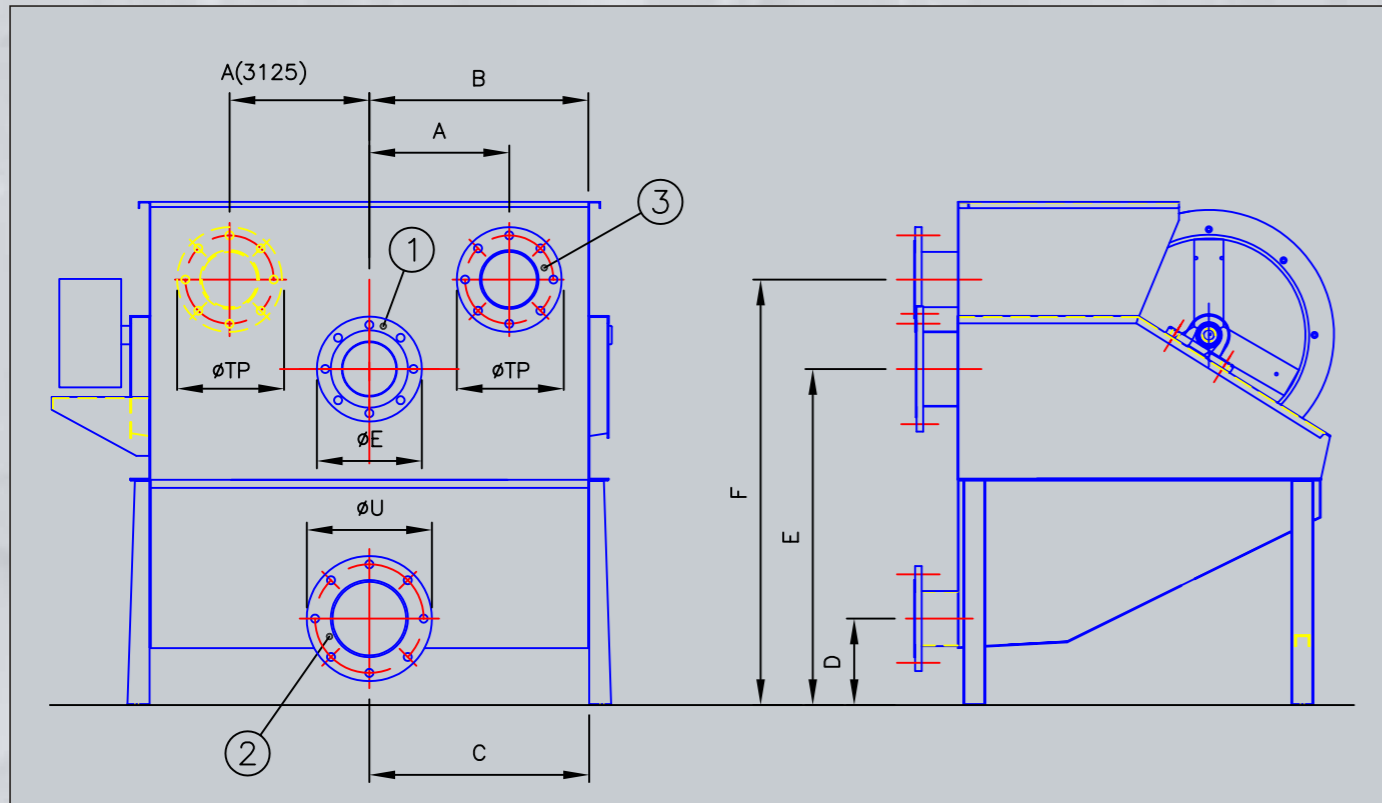


## DRUM SCREEN



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	ØU	ØE	ØTP
475	134	225	225	241	913	1139	150	100	100
775	250	375	375	283	915	1160	250	200	200
1075	390	525	525	293	913	1166	250	200	200
1375	375	675	675	308	885	1185	300	250	250
3125	677	975	975	380	900	1165	400	300	2X200

### OPERATION

Micro drum filters are mechanical, self cleaning filters. Water or process liquid flow gravity fed, from the inside to the outside of the slowly rotating filter drum. The solids and contamination will stick to the inner surface of the drum. In the rotating movement the parts are back flushed with the help of built in high pressure spray nozzles and collected in a tray. This action avoids the breaking down of soft organic particles and enhances the filtration efficiency. The filter screen is fitted around the cylindrical drum, using an easy and flexible tightening system. Screens can be exchanged easily, without removing the supports. The drum drive motor, is placed above the water level and outside of the tank, where accuplated with a gear box having a constant rotation speed of 8 rpm. Drum rotation is controlled with a level control system.

### ADVANTAGES

- Robust design, low maintenance requirement
- Can be easily installed to pipe diameters up to Ø400mm
- Silent operation
- Minimised abrasions on the motor and gear box by one directional rotational movement of the drive mechanism so increased life span of the equipment
- Protected by mechanical torque switch for all kind of overloads
- Optionally automated control based on pumps working situation

### APPLICATIONS

- Domestic and industrial wastes
- Process water needs screening
- Sewage treatment plants
- Pump stations
- Dams
- Reservoirs

**LOW COST HIGH EFFICIENCY**