

# 6" ROTARY STRAINER



## Design Features

- Heavy Duty, 316 Stainless Steel Construction resists corrosion from wide range of process

### Applications

- Rotating Brush Assembly keeps internal screen surface free of build-up, ensuring steady,

Consistent flow, while directing contaminants toward bottom discharge

- UHMW Brush Elements resist bacterial growth and lock in nylon bristles. Interwoven nylon

Bristle design ensures that bristles will not come loose and enter process fluid.

- Wide Body Construction provides ample interior space for inspection and maintenance

- Unique Rotation Limiter keeps spring loaded brush assembly intact during brief moments of Reverse rotation during installation and inspections

- Screen Lock – bottom screen groove prevents misalignment and screen rotation

- Sturdy Motor Support maintains alignment of rotor assembly, seals, etc.

- Rigid, Drilled Hole Screen provides fine separation while maintaining structural stability

- Optional Screen Configurations:

Perforated with bands

Perforated with back-up plate

Axial profile bar screen

## 1.1 Specifications

- 316 stainless steel body casting, shaft, and all internal components in contact with slurry
- Screen brushes: UHMW backing, Nylon bristles secured with 316 Stainless Steel wire
- All gaskets and O-rings: EPDM
- Top bearing packing: Teflon
- 0.125" thick, 316 stainless steel, flanged screen element with 0.039" holes (26% open area)
- 6" (nominal) inlet and outlet DIN flanges (150 psi)
- ½ hp (0.375 kW) right angle gear motor (230/460 volts, 60 Hz, 3-phase) 6 rpm shaft speed
- Maximum operating pressure 150 psi (10.3 bar)