

DUPLEX TYPE STRAINER

(Model: PES – DSTR)



Continuous Filtration. Zero Downtime.

Designed for **continuous operation without process interruption**, the Pesflow Duplex Strainer ensures **efficient filtration while allowing on-line maintenance**. Ideal for critical applications where downtime is not an option.

Key Value Propositions

- ▶ **Uninterrupted Flow:** Dual basket design enables cleaning without shutting down the system
- ▶ **High Flow Efficiency:** Minimum >500% open area ensures low pressure drop
- ▶ **Operational Flexibility:** Available with Butterfly Valve / 3-Way Ball Valve arrangement
- ▶ **Custom Engineered:** Built as per application-specific requirements
- ▶ **Robust Construction:** Designed for demanding industrial environments

Applications

- ▶ Process Industries
- ▶ Steam & Utility Lines
- ▶ Chemical & Petrochemical Plants
- ▶ Power Plants
- ▶ Oil & Gas
- ▶ Food & Beverage Processing

Why Pesflow

- ▶ One-stop industrial flow solutions provider
- ▶ Over 200+ engineered products portfolio
- ▶ Focus on efficiency, reliability, and lifecycle performance



MODEL NO.

Material of Construction

Size

Connection

Pressure Rating

Temperature Rating

% Open Area

Mesh Size

Microns

Provision

TECHNICAL SPECIFICATIONS

PES – DSTR

CS/MS, Stainless Steels, etc. as per customer requirements

1/2" up to 40"

Flanged, Screwed, Socket Weld, Butt Weld, as per request

Up to 200 Kg/cm², as per customer request

Up to T1 Class (450 Degree Celsius)

Flow Capacity is Minimum (>500%) of the Inlet Area

20 / 40 / 60, as per customer request

As per customer requirements

Butterfly Valve / 3 Way Ball Valve

Operational Features

- ▶ Dual chamber design for continuous filtration
- ▶ Quick switching mechanism for maintenance
- ▶ Available with:
 - Butterfly Valve arrangement
 - 3-Way Ball Valve arrangement

Quality Assurance

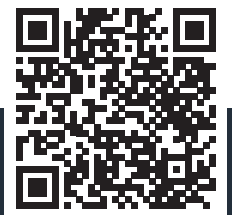
Every Pesflow strainer undergoes rigorous testing and inspection. Third-party inspections available from globally recognized agencies.

Engineering Advantage

- ▶ Application-specific design support
- ▶ Optimized for low pressure drop & high reliability
- ▶ Built for long service life in critical operations



Talk to our engineers today for a customized Duplex Strainer solution.



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