Drexelcage™ Accessory
For Use with Displacer²™ Transmitters

What is the Drexelcage?
It is a high quality accessory for new construction or for replacement of existing cages to support the DISPLACER² transmitters.

The line includes side-side connected cages with a wide variety of connections and ratings. They are available in A106B carbon steel or 316L stainless steel.

All cages carry certification to NACE MR-01-75 and are designed to meet ASME Section 8.

The Drexelcage body is 3 inch schedule 80 pipe with a 3 inch flange welded on top to mate with the specific level transmitter.

The standard drain configuration is a 3/4 inch NPTF with a pipe plug. It can be supplied with a suitable flanged configuration as well.

An optional, plugged 1/2 inch NPT vent can also be supplied above the upper side connection.

After cleaning, all carbon steel Drexelcages are painted on external surfaces and stainless items are shipped in natural condition.

How to order:
1. Decide which material of construction is required.
2. Select bolt hole orientation for connection flanges (Vertical axis centered “on” or “between” bolt holes).
3. Specify standard Slip On or Weld Neck flange construction.
4. Select size and rating of connection flanges.
5. Specify flange type (RF, RTJ, etc).
6. Specify distance between flange centerlines (dimension F-F).
7. Select standard 3/4” NPTF plugged or flanged (same flange as process connections) drain configuration.
8. Select rating and type of flange (RF, RTJ, etc.) to mate with specific probe.
9. Construct Model number using reverse side of this sheet or ask your local representative to do so.

Typical Applications
- Miscellaneous Hydrocarbons
- Crude/Brine Interface
- Gasoline/Water Interface
- NGL
- Feedwater Heaters
- LPG
- Isobutane
- LNG
- Heat Exchangers
- Olefins
- Hexane
- Propane
- Knockouts
- Alkylate
- Vacuum Towers
- Caustics
- Sour Water
- Desalters
- Gasoline
- Diesel
- Lube Oil
- Butane
- Condensers
- Distillation Columns

Continuous Level Measurement
**Drexelcage Accessory**

**Dimensions**

![Diagram of Drexelcage Accessory]

**Model Numbering**

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C00-XX-X-XX-XX-XXX-X-XXX-XX-XXX-X-X
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- **Drexelcage™ Construction Material**
  - CS=A105
  - SS=316L

- **Vertical Axis to Connection Flange Bolt Holes**
  - H=Centered on Hole
  - S=Centered between Holes

- **Flange Style**
  - SO= Slip On
  - WN= Weld Neck

- **Connection Flange Size**
  - 10=1 inch
  - 15=1 1/2 inch
  - 20=2 inch
  - 30=3 inch

- **Connection Flange Rating**
  - 150= 150#
  - 300=300#
  - 600=600#
  - 900=900#
  - 15C=1500#
  - 25C=2500#

- **Sensor Mount Flange Type**
  - R=Raised Face
  - S=Flat Face
  - J= RTJ

- **Sensor Mount Flange Rating**
  - 150= 150#
  - 300=300#
  - 600=600#
  - 900=900#
  - 15C=1500#
  - 25C=2500#

- **Type of Vent**
  - S=1/2" NPT Plugged
  - N=None

- **Type of Drain**
  - ST=3/4" NPT Plugged
  - FL=Flanged

- **Distance (FF) Between Flanges**
  - 012 inches Min.
  - 120 inches Max.