

## Drexelcage™ Accessory

### For Use with Displacer<sup>2</sup>™ Transmitters



#### Typical Applications

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

#### What is the Drexelcage?

It is a high quality accessory for new construction or for replacement of existing cages to support the DISPLACER<sup>2</sup> 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:

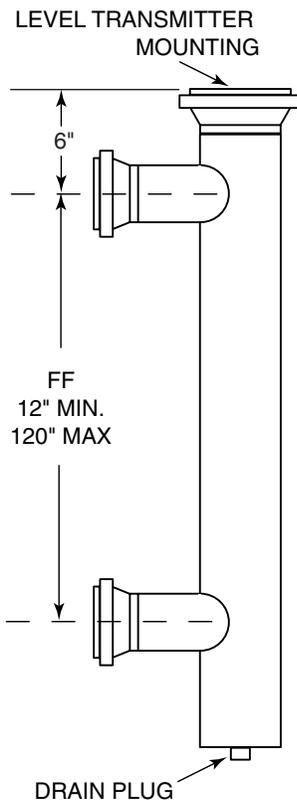
1. Decide which material of construction is required.
2. Select bolt hole orientation for connection flanges (Vertical axis centered "on" or "between" bolt holes).
3. Specify standard Slip On or Weld Neck flange construction.
4. Select size and rating of connection flanges.
5. Specify flange type (RF, 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.



# Continuous Level Measurement

## Drexelcage Accessory

### Dimensions



### Model Numbering

C00-XX-X-XX-XX-XXX-X-XXX-XX-XXX-X-X	
<b>Drexelcage™</b>	<b>Sensor Mount Flange Type</b>
<b>Construction Material</b> CS=A105 SS=316L	R=Raised Face S=Flat Face J= RTJ
<b>Vertical Axis to Connection Flange Bolt Holes</b> H=Centered on Hole S=Centered between Holes	<b>level Sensor Flange Rating</b> 150= 150# 300=300# 600=600# 900=900# 15C=1500# 25C=2500#
<b>Flange Style</b> SO= Slip On WN= Weld Neck	<b>Type of Drain</b> ST=3/4"NPT Plugged FL=Flanged
<b>Connection Flange Size</b> 10=1 inch 15=1 1/2 inch 20=2 inch 30=3 inch	<b>Distance (FF) Between Flanges</b> 012 inches Min. 120 inches Max.
<b>Connection Flange Rating</b> 150= 150# 300=300# 600=600# 900=900# 15C=1500# 25C=2500#	<b>Connection Flange Type</b> R=Raised Face S=Flat Face J= RTJ

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