

## C300 Series External Cage for Liquid Level Controls

### Application - External Cage; Working Pressure up to 5000 psig

- Use in applications where level controls are contained outside the vessel
- Use on production separators, heaters/treaters, scrubbers, liquid accumulators & process vessels
- May be used with most Pathway Liquid Level Control products or other brands with similar application
- Choice of materials for use with most Liquids or Liquid Interfaces
- Available with a variety of control connections including 1½” NPT, 2” NPT and Ring Bolted flange
- Process connections of 1” NPT, 1½” NPT, 2” NPT; Socket weld connections of 1”, 1½” and 2” on C300CS and C300SS

### Features and Benefits of the C300 Series

- Heavy Duty, Rugged construction
- Choice of materials –
  - Ductile Iron – model C300
  - Carbon Steel – model C300CS
  - 316L Stainless Steel – model C300SS
- Variety of Control Connections and Process Connections available
- S100 Series Sight Glass may be added for Visual Inspection
- Available with Pathway Electric and Pneumatic Liquid Level Controls or separately



### Benefits of ALL Pathway Control Products

- Personalized service and support expertise
- Responsive On-time Delivery
- Time-tested & proven design providing Dependable, Long-term Service
- Made in USA

### Specifications

<b>Working Pressure:</b>	5000 psig standard; 3000 psig with ring bolted connection
<b>Temperature:</b>	C300 ductile iron -20° F to +500° F C300CS carbon steel -50° F to +500° F C300SS 316L stainless steel -150° F to +500° F
<b>Materials:</b>	A395 Ductile iron; A352-LCC steel; 316L (CF3M) stainless steel
<b>Level Control Connection:</b>	1½” NPT, 2” NPT, or Ring Bolted connection
<b>Process Connections:</b>	1” NPT standard, available in 1½” and 2” NPT; socket weld connections of 1”, 1½” and 2” available on C300CS and C300SS

## C300 Series External Cage for Liquid Level Controls

### Ordering Chart Example:

**C300- 2 1 - 00**

(#) Option #, see Special Materials & Features below

EXTERNAL CAGE	
C300	Ductile Iron
C300CS	Carbon Steel
C300SS	316L Stainless Steel

LEVEL CONTROL CONNECTION	
1	1½" NPT
2	2" NPT
3	Ring-Bolted, 3000 psig max

PROCESS CONNECTION	
1	1" NPT Standard
2	1½" NPT
3	2" NPT
6	1" Socket Weld (C300CS & C300SS)
7	1½" Socket Weld (C300CS & C300SS)
8	2" Socket Weld (C300CS & C300SS)

OTHER SELECTIONS	
00	No Sight Glass
01	S100 Sight Glass, 1½" NPT 3000 psig max
02	S100 Sight Glass, 2" NPT 3000 psig max
03	Connection for Sight Glass, 1½" NPT
04	Connection for Sight Glass, 2" NPT
05	Customer Specified Requirements
06	S100 Sight Glass, 1½" NPT 316 SST 3000 psig max
07	S100 Sight Glass, 2" NPT 316 SST 3000 psig max

SPECIAL MATERIAL & FEATURES	
5	Used by Pathway to indicate custom material and/or feature. Placed in model number in the position it relates to. When used, an option number will be assigned by Pathway (see below)
(#)	Option # (in parentheses at end of model number) Pathway will assign option number unique to custom material and/or features

### Sample Model

