For Residential and Commercial Applications Job Name Engineer / Architect

Job Location Submittal Date Wholesaler

Contractor

# KTCR09/ KTCR19/ KTCR39 1/4 Turn Angle Ball Stop – **Compression x Compression**

Use: For use in potable water distribution systems

# **Design Features:**

- Precision-machined brass ball is specially engineered and mated with PTFE seats to provide smooth operation without freeze ups even after long periods of non-use
- **TWO high-performance o-rings** withstand high temperatures and corrosion from harsh water environments
- Machined one-piece brass body provides strength, durability and long-lasting performance
- Blow-out proof brass stem is assembled from the inside out with two o-rings to ensure safe, reliable performance
- Plated stem provides corrosion resistance and prevents o-ring damage after long periods of non-use
- Patented, chrome plated metal handle is designed for durability, corrosion resistance & a sleek appearance
- Easy-to-remove handle with screw attachment protects accidental stop operation during rough-ins
- 100% leak tested
- Compliant KT Stops available for California and Vermont "low-lead" requirements

## **Operating Specifications:**

Temperature: 40°-180° F 125 psi maximum Pressure:

## Standard

MATERIAL SPECIFICATIONS				
Valve Body	C36000 brass			
Stem	DZR brass, plated			
Seats	PTFE			
Ball	C36000 brass, precision			
Dull	machined			
Stem O-rings	Viton* & Nitrile			
Handle	Zinc die cast			
Screw	Zinc-plated steel			
<b>Compression Sleeve</b>	C36000 brass			
<b>Compression Nut</b>	C36000 brass			

#### This specification and all information contained herein is the confidential and exclusive property of BrassCraft Manufacturing, and shall not be disclosed to others without the written consent of BrassCraft. This specification must be returned to BrassCraft if requested.



KTCR09 C,KTCR09 C1,KTCR09 R,KTCR19 C,KTCR19 C1,KTCR19L1 CB,KTCR39 C,KTCR09X C,KTCR09X R,KTCR19X C,KTCR39X C © 2011 Brass-Craft Mfg.

Compliant

Valve Body

Stem O-ring Handle

**Compression Sleeve** 

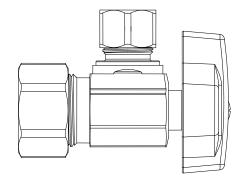
**Compression Nut** 

Stem

Seats

Ball

Screw





MATERIAL SPECIFICATIONS

PTFE

machined Viton\* & Nitrile

Zinc die cast

C36000 brass

C36000 brass

Zinc-plated steel

*Compliant brass* 

*Compliant brass, plated* 

Compliant brass, precision



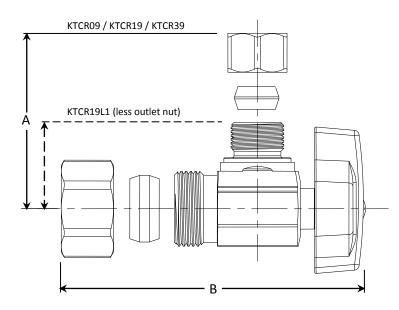
# KTCR09/ KTCR19/ KTCR39 1/4 Turn Angle Ball Stop – Compression x Compression

## Standard Part Listing:

KTCR09 C	1/2" Nom. Compression x 1/4" OD Compression, chrome plated
KTCR09 C1	$1/2^{"}$ Nom. Compression x $1/4^{"}$ OD Compression, chrome plated, window tray
KTCR09 R	1/2" Nom. Compression x 1/4" OD Compression, rough brass
KTCR19 C	1/2" Nom. Compression x 3/8" OD Compression, chrome plated
KTCR19 C1	1/2" Nom. Compression x 3/8" OD Compression, chrome plated, window tray
KTCR19L1 CB	1/2" Nom. Compression x 3/8" OD Compression, less outlet nut, chrome plated, bulk
KTCR39 C	1/2" Nom. Compression x 1/2" OD Compression, chrome plated

## **Compliant Part Listing:**

KTCR09X C	1/2" Nom. Compression x 1/4" OD Compression, chrome plated
KTCR09X R	1/2" Nom. Compression x 1/4" OD Compression, rough brass
KTCR19X C	1/2" Nom. Compression x 3/8" OD Compression, chrome plated
KTCR39X C	$1/2^{\prime\prime}$ Nom. Compression x $1/2^{\prime\prime}$ OD Compression, chrome plated



PART DIMENSIONS (Inches)				
Model	DIM. A	DIM. B		
KTCR09	1.04	2.36		
KTCR19	1.12	2.36		
KTCR19L1	0.93	2.36		
KTCR39	1.13	2.36		

## Listings & Certifications:

- IAPMO listed to ASME A112.18.1-05 / CSA B125.1-05 (File # 0645)
- CSA listed to ASME A112.18.1-05 / CSA B125.1-05 (File # 204593)
- Compliant product CSA approved to California Health & Safety Code 116875 and Vermont Bill S.152 (Project # 2174785)



This specification and all information contained herein is the confidential and exclusive property of BrassCraft Manufacturing, and shall not be disclosed to others without the written consent of BrassCraft. This specification must be returned to BrassCraft if requested.



KTCR09 C,KTCR09 C1,KTCR09 R,KTCR19 C,KTCR19 C1,KTCR19L1 CB,KTCR39 C,KTCR09X C,KTCR09X R,KTCR19X C,KTCR39X C © 2011 Brass-Craft Mfg.