

# TCS to International Meter Comparison

TCS has re-configured its high flow, highly accurate TCS 700 3", 4" and 6" meters' connections to be a flange-to-flange drop-in replacement for single, dual, and triple capsule flow meters. In situations where higher flow rates and/or higher levels of accuracy are desired, the TCS 700 rotary meter is often the superior choice.

The TCS 700 meters hold many certifications including OIML, Measurement Canada, and NTEP. The TCS 700 meters also offer an array of electronic registration, mechanical registration, and pulse output options.



## Specifications

### Single Capsule

	Connection	Flange to Flange	Flow Rates
TCS 700-40SPA	3" ANSI150 RF	356mm / 14in	189-1892 LPM / 50-500 USG
Single Capsule Meter	3" Studded ANSI150 RF	356mm / 14in	130-1370 LPM / 34-362 USG

### Dual Capsule

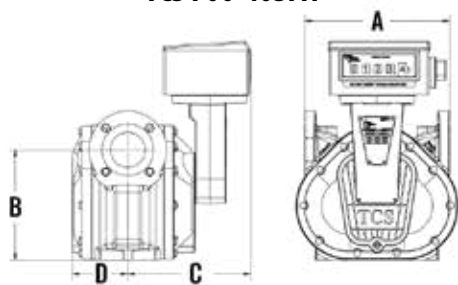
	Connection	Flange to Flange	Flow Rates
TCS 700-60SPA	4" ANSI150 RF	400mm / 15.75in	303-3028 LPM / 80-800 USG
Dual Capsule Meter	4" ANSI150 RF	400mm / 15.75in	200-2800 LPM / 52-740 USG

### Triple Capsule

	Connection	Flange to Flange	Flow Rates
TCS 700-60/65SPA	6" ANSI150 RF	400mm / 15.75in	303-4540 LPM / 80-1200 USG
Triple Capsule Meter	6" ANSI150 RF	400mm / 15.75in	387-3870 LPM / 102-1022 USG

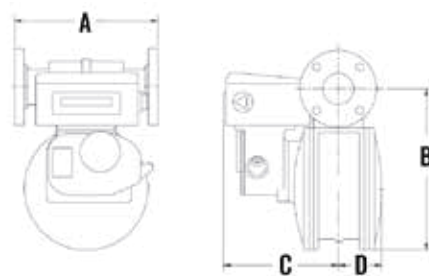
# Dimensions

## TCS 700-40SPA



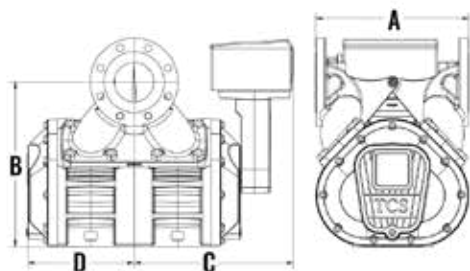
A	B	C	D
356mm / 14in	270.1mm / 10.64in	302.3mm / 11.90in	136.2mm / 5.36in

## Single Capsule



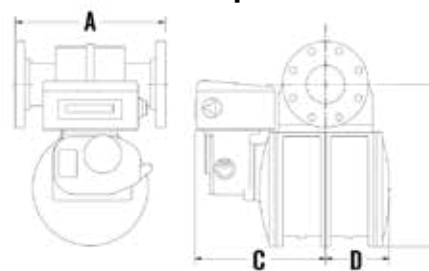
A	B	C	D
356mm / 14in	399.9mm / 15.74in	285.0mm / 11.22in	107.7mm / 4.24in

## TCS 700-60SPA



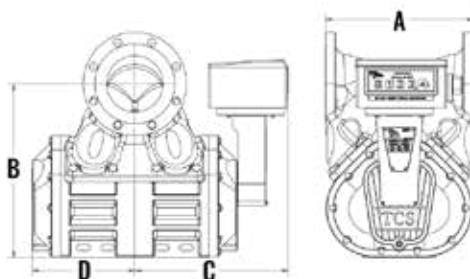
A	B	C	D
400mm / 15.75in	426.7mm / 16.80in	415.0mm / 16.34in	277.6mm / 10.93in

## Dual Capsule



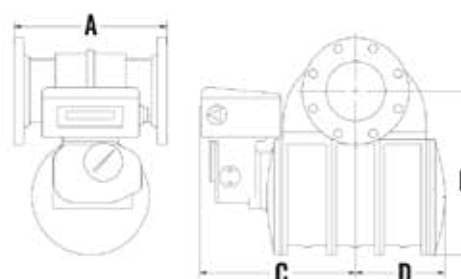
A	B	C	D
400mm / 15.75in	429.9mm / 16.93in	348.0mm / 13.70in	170.0mm / 6.69in

## TCS 700-60/65SPA



A	B	C	D
400mm / 15.75in	469.9mm / 18.50in	415.0mm / 16.34in	277.6mm / 10.93in

## Triple Capsule



A	B	C	D
400mm / 15.75in	429.9mm / 16.93in	408.5mm / 16.08in	233.1mm / 9.18in

# Materials of Construction

Housing	Ni-Resist II
Rotors	Aluminum
Bearing Plates/ Bearings	Stainless Steel
Seals	Buna N or FKM
Internal Hardware	Stainless Steel

Housing	Ni-Resist II
Rotor	Aluminum
Vanes	Carbon Graphite
Bearings	Stainless Steel
Seals	Buna N or FKM
Internal Hardware	Stainless Steel