



CC-XXXX SERIES METERING VALVE

GENERAL SPECIFICATIONS:

MAX OPER. PRESS.: 10,000 PSIG $\triangle 1 \triangle 2$
 DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE
 PRESSURE RATING: PER CRITERIA OF ANSI/ASME B31.3
 OPERATING TEMPERATURE: -40°F TO +300°F
 LEAKAGE: 4×10^{-8} AT 50 PSID HELIUM
 FLOW CAPACITY (Cv): SEE TABLE I
 WEIGHT: APPROXIMATELY .9 LBS
 MAX. OPERATING TORQUE: 10 IN.-LBS.

MATERIALS CONTACTING LINE MEDIA:

SEAT: SEE TABLE VII
 O-RING: SEE TABLE VI
 BACK-UP RING: TEFLON
 BODY: SEE TABLE III
 REMAINING PARTS: 300 SERIES SST

ASSEMBLY INFORMATION:

FOR ASSEMBLY INFO USE SPEC. A60636-01

TABLE I	DASH LTR.	FLOW CAPACITY (Cv)
A	MAXIMUM	.00005
B	MAXIMUM	.00125
C	MAXIMUM	.01

TABLE II	DASH NO.	MAXIMUM PRESSURE
1		-28 IN. Hg VAC. TO 10,000 PSIG $\triangle 1 \triangle 2$

TABLE III	DASH NO.	BODY MATERIAL
6		316 SST

TABLE IV	DASH LTR.	PORTING TYPE
A		NPT
C		SAE (1/8" ONLY)
D		HPIC $\triangle 1$

TABLE V	DASH NO.	PORTING SIZE
1		1/16"
2		1/8"
4		1/4"

TABLE VI	DASH LTR.	O-RING SEAL
E		ETHYLENE PROPYLENE
V		VITON
B		90 DURO BUNA
K		KALREZ
D		FLUOROCARBON
U		POLYURETHANE

TABLE VII	DASH LTR.	SEAT MATERIAL
C		PCTFE $\triangle 2$
P		PEEK
V		VESPEL

TABLE VIII	DASH LTR.	ADJUSTMENT
A		STANDARD
D		ALLEN WRENCH ADJUST

TABLE IX	DASH NO.	BODY TYPE
1		BODY DIAMETER

NOTES:

- $\triangle 1$ OPERATING PRESSURE IS 3500 PSI FOR HPIC PORTS.
- $\triangle 2$ OPERATING PRESSURE IS 4500 PSI FOR PCTFE SEAT.

<p>INDUSTRIAL CONTROLS DIVISION ELK RIVER, MN USA</p>			MATERIAL:
<p>INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN.</p>			FINISH:
<p>UNLESS OTHERWISE SPECIFIED: .0 ± .020 ANGLES: ±1° .00 ± .010 .000 ± .005 SURFACE ROUGHNESS: 100/ CORNER & FILLET RADI: .005-.020</p>			
AE	6-29-11	1903-11 EWN EJB	
AD	2-1-11	5064-11 CMB EJB	
AC	7-13-10	2099-10 DRM EJB	
AB	12-17-09	3196-09 DKD EJB	
AA	12-13-06	2-06 DKD TWL	
Y	10-28-03	1770-03 JK DP	
REV.	DATE	ECO NO. BY: APPR	
<p>REVISIONS</p>			
<p>REFERENCE DRAWING(S)</p>			
<p>DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)</p>			
<p>DRAWN BY: S.J.W. 10-7-97</p>		<p>CHECKED BY: DP 11-5-97</p>	<p>APPROVED BY: DP 11-5-97</p>
<p>NAME</p>			<p>INSTALLATION INFO.</p>
<p>SCALE: 2:1</p>	<p>SIZE NUMBER C</p>	<p>CC-XXXXXXXX</p>	<p>SHT. 1 OF 1</p>
<p>CODE NO. 13669</p>			