



15-1200 SERIES REGULATOR

10 Ra MICROINCH FINISH ON
INTERNAL SURFACES OF BODY.

GENERAL SPECIFICATIONS:

INLET PRESSURE: SEE TABLE I
 OUTLET PRESSURE: SEE TABLE II
 DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE
 DESIGN BURST PRESSURE: 400% OF RATED PRESSURE
 OPERATING TEMPERATURE: SEE TABLE III
 LEAKAGE: INTERNAL: <1 X 10⁻⁶ atm cc/sec.
 EXTERNAL: <1 X 10⁻⁹ atm cc/sec. PER ASTM E449
 FLOW CAPACITY (Cv): DIAPHRAGM 8
 BELLOWS 20
 WEIGHT: APPROXIMATELY 70 LBS.

MATERIALS CONTACTING LINE MEDIA:

SEAT: SEE TABLE III
 BODY: 316L SST
 DIAPHRAGM: 316L SST
 REMAINING PARTS: 316 SST

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC:
 15-XXXX1XXX A44381-01
 15-XXXX2XXX A44381-02
 15-XXXX3XXX A44381-04

KITS:

NONMETALLIC: NONE AVAILABLE

REPAIR:

HPIC & WELDED BODIES: XXX-XXXX

NOTES:

TESCOM RECOMMENDS THE MOUNTING HOLES
ON THE 15 SERIES REGULATOR BE UTILIZED.

PART NUMBER DESIGNATION

15-12TV166Z

TABLE I	DASH NO./LTR	INLET PRESSURE
	1	300 PSIG

TABLE II	DASH NO./LTR	OUTLET PRESSURE
	1	150 PSIG
	2	130 PSIG

TABLE III	DASH NO./LTR	SEAT MATERIAL
	K	NEOFON M-400H
	T	PFA TEFLON

TABLE IV	DASH NO./LTR	SEAL MATERIAL
	E	EPR
	V	VITON

TABLE VII	DASH NO./LTR	OPTIONS
	Z	NONE
	T	TEST REPORT (TYPICAL)
	C	CERTIFICATION OF CONFORMANCE
	4	ELECTROPOLISH

TABLE VI	DASH NO./LTR	PORT SIZE AND TYPE	"A"±.06
	AA	1 1/2" TUBES	13.50
	BB	25A CLEAN PIPE	12.10
	CC	50A CLEAN PIPE	12.10
	DD	40A CLEAN PIPE	12.10
	UU	3/4" TUBES	12.10
	VV	1" TUBES	12.10
	66	1 1/2" TUBES	12.10
	SS	2" TUBES	12.10

TABLE V	DASH NO./LTR	ADJUSTMENT METHOD
	1	SPRING LOADED
	2	MULTIPLIER
	3	BELLOWS

				MATERIAL: <u>X</u>	
HIGH PURITY CONTROLS DIVISION BLK RIVER, MN USA				FINISH: <u>X</u>	
INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN.				UNLESS OTHERWISE SPECIFIED: .0 ± .020 ANGLES: ±1° .00 ± .010 .000 ± .005 SURFACE ROUGHNESS: 100/ CORNER & FILLET RADI: .005-.020 THREADS: CLASS 2 REMOVE ALL BURRS	
S	3-19-04	1060-04	DRM	JD	(X) KEY CHARACTERISTICS
R	4-11-03	1086-03	DLH	AP	
P	4-12-02	192-02	BBM	DRM	
N	4-1-02	179-02	DRM	DRM	
M	1-3-02	1011-02	BBM	AP	
L	5-17-01	1196-01	BBM	BJC	
REV.	DATE	ECO NO.	BY:	APPR:	
REVISIONS					
REFERENCE DRAWING(S)					
DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)					
DRAWN BY: SLF 6-10-98		CHECKED BY: DA 6-19-98		APPROVED BY: DA 6-19-98	
NAME: INSTALLATION INFORMATION					
SCALE: 1:1		SIZE: C		NUMBER: 15-XXXXXXX	
CODE NO. 13669		SHT. OF			