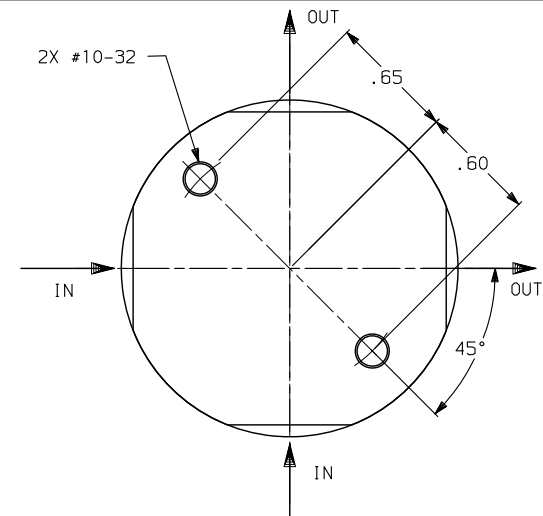
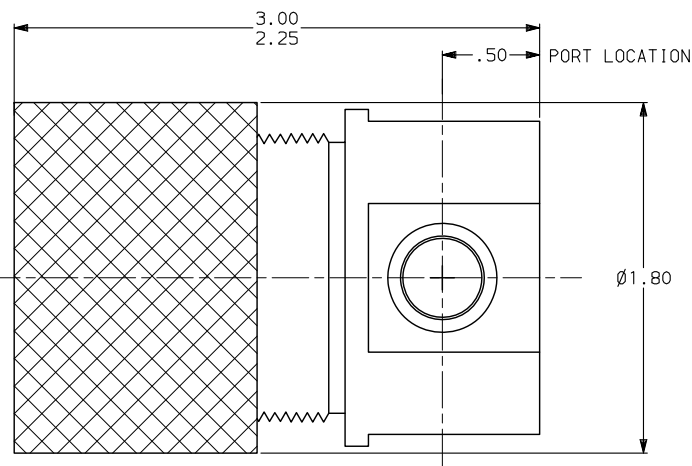
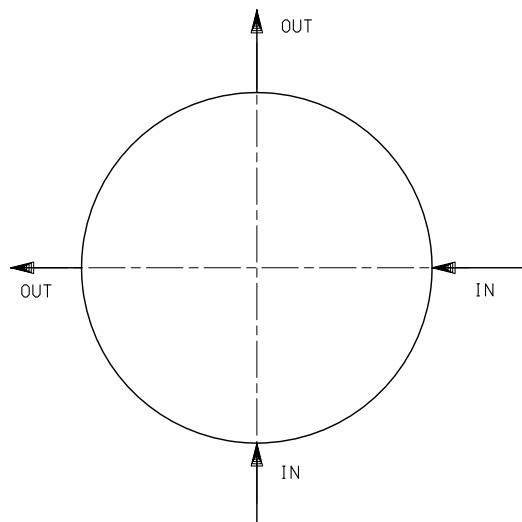
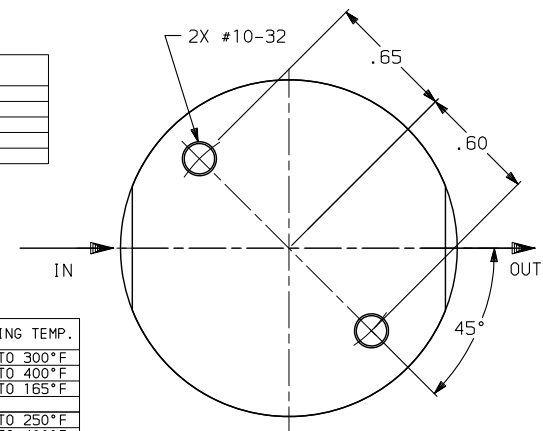




PORTING CONFIG -X4



PORTING CONFIG -X2

BB SERIES REGULATOR

SPRING LOADED, HAND OPERATED, PISTON SENSED
BACK PRESSURE REGULATOR

GENERAL SPECIFICATIONS:

INLET PRESSURE: SEE TABLE IV
OUTLET PRESSURE: N/A
DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE
PRESSURE RATING: PER CRITERIA OF ANSI/ASME B31.3
OPERATING TEMPERATURE: TEMPERATURE LIMIT
DETERMINED BY MOST RESTRICTIVE
ELEMENT (SEE TABLE II, V, & VI)
LEAKAGE: BUBBLE TIGHT
FLOW CAPACITY (Cv): .2
WEIGHT: APPROXIMATELY 8 OZ.

MATERIALS CONTACTING LINE MEDIA:

SEAT: SEE TABLE V
O-RINGS: SEE TABLE VI
BODY: SEE TABLE II
REMAINING PARTS:

BB-33XXXXXX -- 300 SERIES SST & ALUM.
BB-36XXXXXX -- 316 SST

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF BB-3XXLXXXXX USE SPEC: A60661-03
FOR ASSEMBLY OF BB-3XXHXXXXX USE SPEC: A60661-19
FOR ASSEMBLY OF BB-3XXDXXXXX USE SPEC: A60661-07

NOTES:

- 1 PTFE SEAT IS ONLY AVAILABLE WITH INLET PRESSURE
OF 250 PSI MAX.

SERIES NUMBER
BB-33AL1KEA4-A

TABLE I	DASH NO.	FUNCTION
	3	BACK PRESSURE

TABLE II	DASH NO.	BODY MATERIAL	OPERATING TEMP.
	3	ALUM 6061	-30°F TO 200°F
	6	316 SST	-30°F TO 400°F

TABLE III	DASH NO.	LOAD TYPE
	A	ADJUSTABLE
	P	PRE-SETTABLE
	D	DOVE (250 PSI MAX REF PRESS)

TABLE IV	DASH NO.	INLET PRESSURE
	L1	0-80 PSI
	L2	0-140 PSI
	L3	0-220 PSI
	H1	0-700 PSI
	H2	0-1200 PSI
	D1	0-250 PSI DOVE LOAD ONLY

TABLE VIII	DASH NO.	OPTIONS	ECO

TABLE VII	DASH NO.	PORTING CONFIG
	A4	1/4 NPT
	B4	1/4 SAE
	B2	1/4 SAE
	A2	1/4 NPT

TABLE VI	DASH NO.	O-RING SEAL	OPERATING TEMP.
	E	ETHYLENE PROPYLENE	-30°F TO 300°F
	K	KALREZ	+20°F TO 400°F
	N	BUNA-N	-30°F TO 165°F
	S	SPECIAL	---
	U	POLYURETHANE	-30°F TO 250°F
	V	FKM	-15°F TO 400°F

TABLE V	DASH NO.	SEAT	OPERATING TEMP.
	A	TEFZEL	-30°F TO 140°F
	K	PTFE	-30°F TO 140°F
	V	VESPEL	-30°F TO 400°F
	T	PTFE	-30°F TO 140°F

AJ 6-13-19	50471-19	EWN	WRB	TESCOM CORPORATION INDUSTRIAL CONTROLS DIVISION BLK RIVER, MN USA
AH 7-30-18	50386-18	BG	WRB	
AG 7-25-11	5457-11	SKO	EJB	
AF 5-15-09	5321-09	JLS	DP	
AE 7-24-06	1483-06	DKD	MKS	INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN.
AD 2-23-06	1153-06	DKD	DP	
AC 1-9-06	15-06	DKD	DP	
AB 10-14-05	507-05	DKD	DP	
AA 11-20-03	1849-03	JK	MKS	UNLESS OTHERWISE SPECIFIED: 0 ± .020 ANGLES: ±1° .00 ± .010 .000 ± .005 SURFACE ROUGHNESS: 100/ CORNER & FILLET RADII: .005-.020 THREADS: CLASS 2 REMOVE ALL BURRS MFG. SPEC. 60301
Y 1-8-03	1018-03	RAG	MKS	
REV.	DATE	ECO NO.	BY: APPR	
REVISIONS				

REFERENCE DRAWING(S)

MATERIAL: X		
FINISH: X		
DRAWN BY: S/JW 7-17-95	CHECKED BY: J/H 7-24-95	APPROVED BY: J/H 7-24-95
NAME INSTALLATION INFO.		
SCALE: 2:1	SIZE C	NUMBER BB-33XXXXXXX
CODE NO. 13669	SHT. 1	OF 1