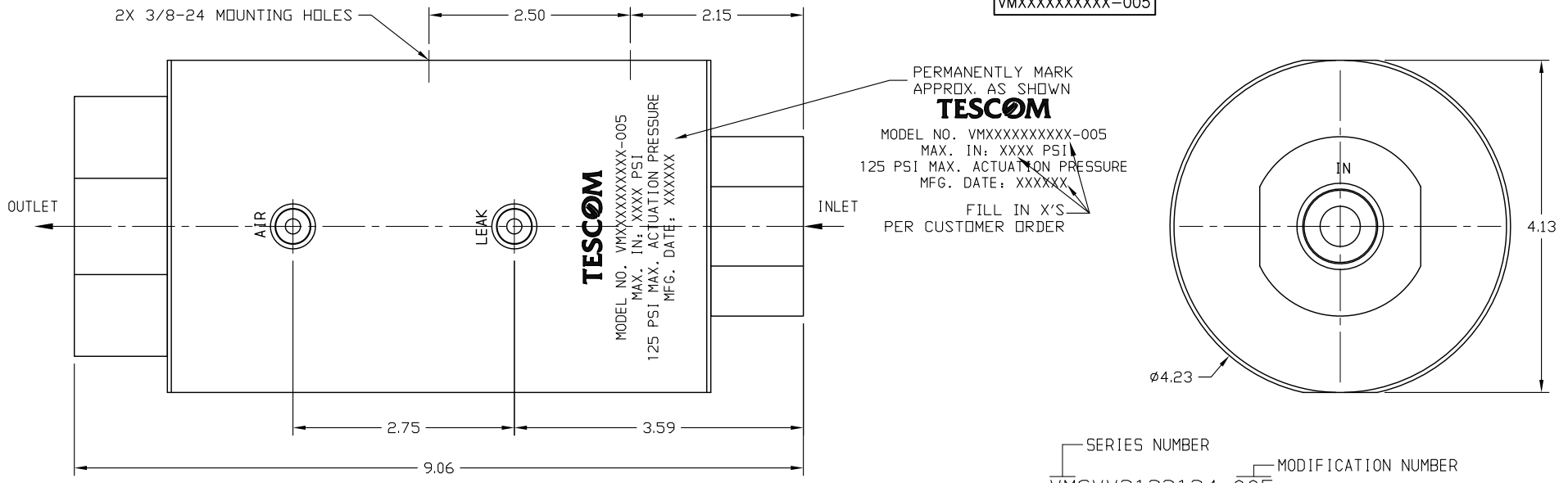
VMXXXXXXXXXX-005



SERIES NUMBER — MODIFICATION NUMBER

VM6VV3123124-005

VM SERIES AIR OPERATED VALVE

AIR OPERATED PISTON SENSED VALVE
ACTUATION RANGE OF 80-125 PSI

MODIFICATION FEATURES:

7000 PSI
HARD MARKED, NO LABELS
VALVE: NITRONIC 60

GENERAL SPECIFICATIONS:

OPERATING PRESSURE: SEE TABLE II
DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE
DESIGN BURST PRESSURE: PER CRITERIA OF ANSI/ASME B31.3
OPERATING TEMPERATURE: SEE TABLE II
LEAKAGE: INTERNAL: BUBBLE TIGHT
EXTERNAL: BUBBLE TIGHT
FLOW CAPACITY: Cv=4.5
WEIGHT: APPROXIMATELY 19 LBS
MIN. ACTUATION PRESSURE: 80 PSI
MAX. ACTUATION PRESSURE: 125 PSI

MATERIALS CONTACTING LINE MEDIA:

SEAT: SEE TABLE II
BODY & TRIM: SEE TABLE I
VALVE: NITRONIC 60
O-RINGS: SEE TABLE II
BACK-UP RINGS: PTFE

ASSEMBLY INFORMATION:

FOR ASSEMBLY OF THIS UNIT USE SPEC: JTA103517-01

TABLE I

DASH NO./LTR	BODY & TRIM MAT'L
6	316 SST

TABLE II

DASH NO./LTR	SEAT MATERIAL	O-RING MATERIAL	MAX OPERATING PRESSURE	OPERATING TEMPERATURE
VB	VESPEL	BUNA-N	SST BODY 7000 PSI	-40°F TO +165°F
VK		KALREZ		-15°F TO +250°F
VV		VITON		-15°F TO +250°F
VE		E.P.		-40°F TO +250°F
VU		URETHANE		-20°F TO +165°F

TABLE III

DASH NO./LTR	INLET PORT TYPE
3	MS33649

TABLE IV

DASH NO./LTR	INLET PORT SIZE
12	3/4

TABLE V

DASH NO./LTR	OUTLET PORT TYPE
3	MS33649

TABLE VI

DASH NO./LTR	OUTLET PORT SIZE
12	3/4

TABLE VII

DASH NO./LTR	AIR & LEAK PORT SIZE/TYPE
4	1/4 NPT

REV.	DATE	ECO NO.	BY:	APPR
AB	1-9-18	50027-18	DRM	TWL
AA	11-7-17	4207-17	DRM	TWL

REVISIONS

REFERENCE DRAWING(S)

TESCOM CORPORATION
INDUSTRIAL CONTROLS DIVISION
ELK RIVER, MN USA

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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

DRAWING MADE IN THIRD ANGLE PROJECTION
(DO NOT SCALE DRAWING)

MATERIAL:

FINISH:

DRAWN BY:	CHECKED BY:	APPROVED BY:
DRM 11-7-17	DRM 11-7-17	TWL 11-9-17

NAME
AIR OPERATED VALVE

SCALE: 1 : 1 | SIZE C | NUMBER VMXXXXXXXXXX-005
CODE NO. 13669 | SHT. 1 OF 1