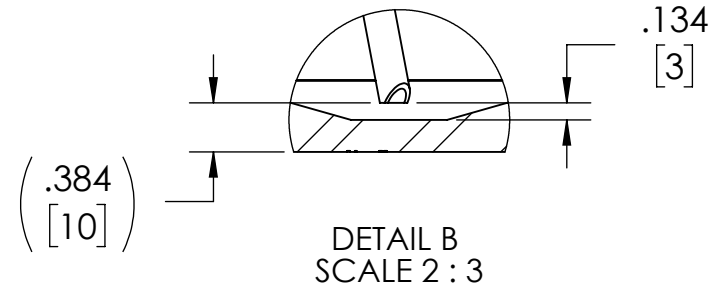
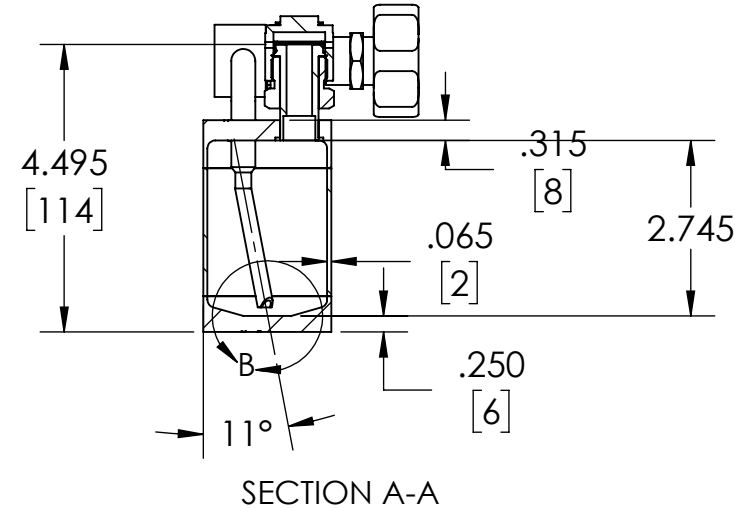
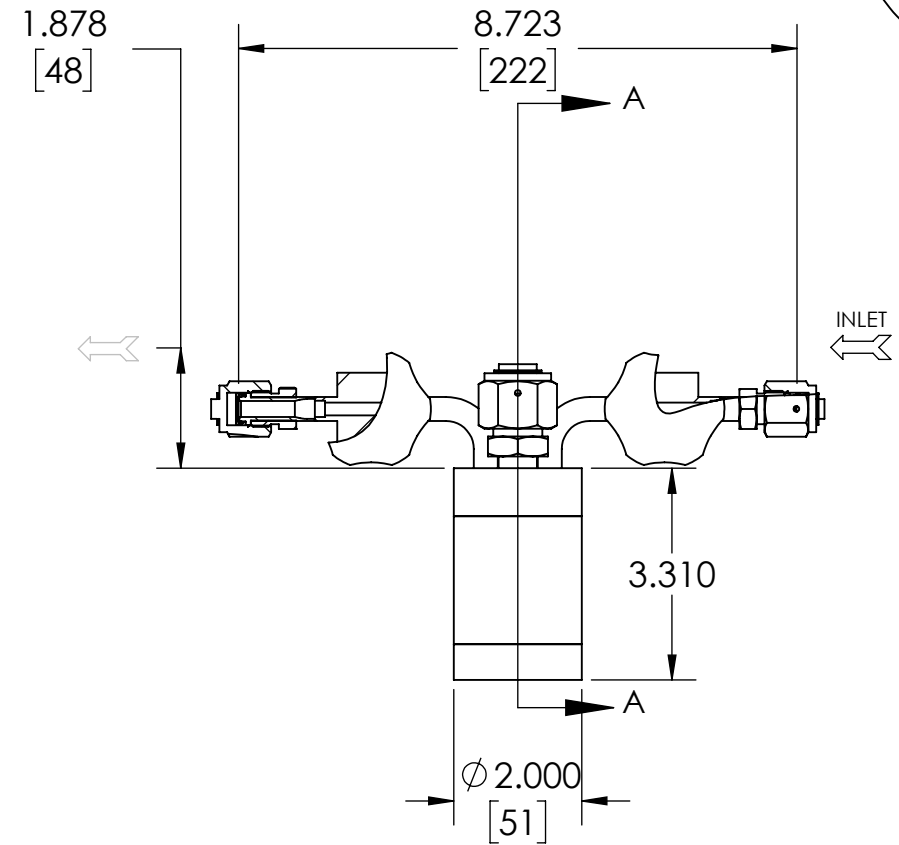
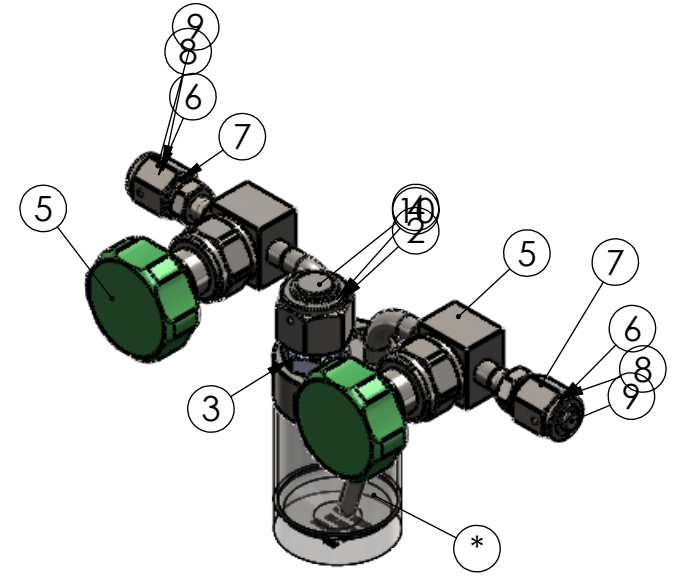
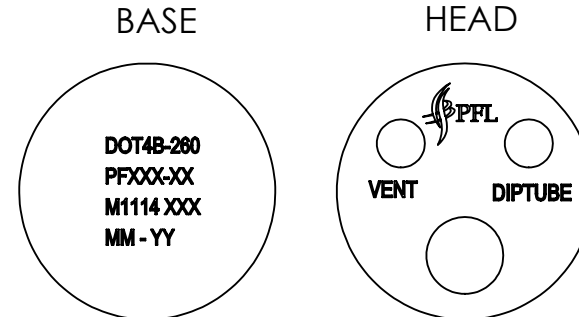
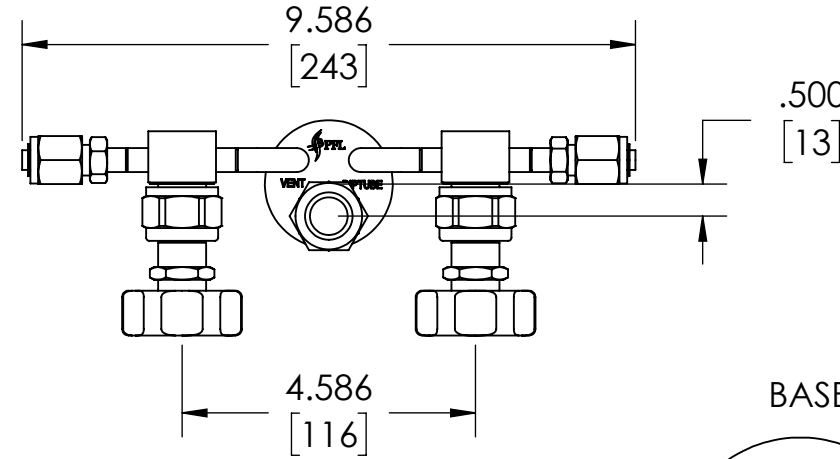


DESIGN SPECIFICATION	
CYLINDER MODEL	0253 - Horiz Vlv 100cc
CYLINDER SIZE	2" DIAMETER
CYLINDER WORKING VOLUME	100cc
TOTAL CYLINDER VOLUME	120cc
CYLINDER TARE WEIGHT	3.77lbs
DESIGN PRESSURE	260 psi
DESIGN TEMPERATURE	250F/121C
INTERNAL FINISH	10ra, MIRROR, ELECTROPOLISH
EXTERNAL FINISH	10ra, MIRROR, ELECTROPOLISH
FILLPORT	SWAGELOK, 1/2 VCR
INLET VALVE	SWAGELOK, SS-DSTW-4
OUTLET VALVE	SWAGELOK, SS-DSTW-4
THERMOWELL	NO
DIPTUBE	YES, INLET
MATERIAL OF CONSTRUCTION	316L SS
TEST PRESSURE	520 psi
D.O.T. SPECIFICATION	4B-260
TOLERANCE (UNLESS OTHERWISE SPECIFIED)	±.060

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	01	INITIAL RELEASE	10/15/2014	
	02	UPDATE DRAWING FORMAT	6/12/2015	



ITEM NO.	PART NUMBER	DESCRIPTION	VENDOR	Default t/QTY.
1	0193-0001	CYLINDER, STAINLESS STEEL, 150ml	PFL	1
2	SS-8-VCR-3	GLAND, 1/2" VCR	SWAGELOK	1
3	SS-8-VCR-4	NUT, MALE, 1/2 VCR	SWAGELOK	1
4	SS-8-VCR-CP	CAP, 1/2 VCR	SWAGELOK	1
5	SS-DSTW4	VALVE, HIGH PURITY 3/8" TBW	SWAGELOK	2
6	6LV-4-HVCR-3-1.19SR	GLAND, HVCR, 3/8" BW, 1.19" LG, UHP	SWAGELOK	2
7	SS-4-VCR-4	NUT, MALE, 1/4 VCR	SWAGELOK	2
8	SS-4-VCR-2-GR	GASKET RETAINER, 1/4"	SWAGELOK	2
9	SS-4-VCR-CP	Swagelok CAP, 1/4" VCR	SWAGELOK	2
10	SS-8-VCR-2-GR	GASKET RETAINER, 1/2"	SWAGELOK	1

TOLERANCES UNLESS OTHERWISE SPECIFIED

ANGULAR: ±0.5° ±0°30'

ONE PLACE DECIMAL: ±.1in [±.254mm]

TWO PLACE DECIMAL: ±.01in [±.25mm]

THREE PLACE DECIMAL: ±.005in [±.127mm]

BREAK ALL SHARP CORNERS: R.02/0.1in [R.50/.25mm]

SURFACE FINISH: 63 ✓ [1.6] ✓

INTERPRET GEOMETRIC TOLERANCING PER THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED: PRIMARY DIMENSIONS ARE INCH. ALTERNATE UNITS ARE MM.

PRECISION FABRICATORS LTD.
171 TOSCA DRIVE
STOUGHTON, MA 02072
(781) 341-7241 PHONE
(781) 341-7245 FAX

NAME: MJC DATE: 10/14/2014 TITLE: 0253 - Horiz Vlv

CHECKED: DBD 12/31/1799 CUSTOMER DWG

ENG APPR: DBD 12/31/1799

MFG APPR: EJY 12/31/1799

Q.A. 12/31/1799

DO NOT SCALE DRAWING SCALE: 1:3 SHEET 1 OF 11

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SIZE: B DWG. NO. 0253-0001 PFL 100cc REV 02
HORIZ. CUST DWG. REV 2