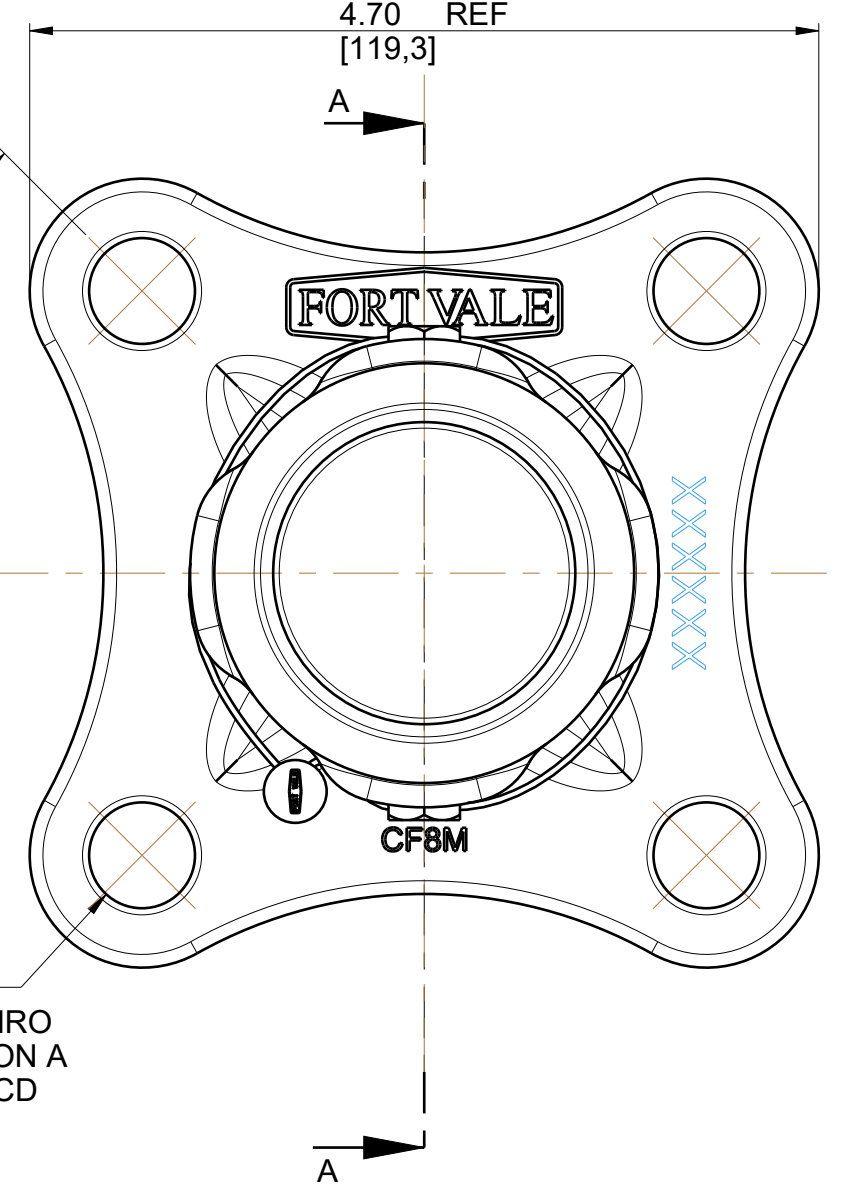


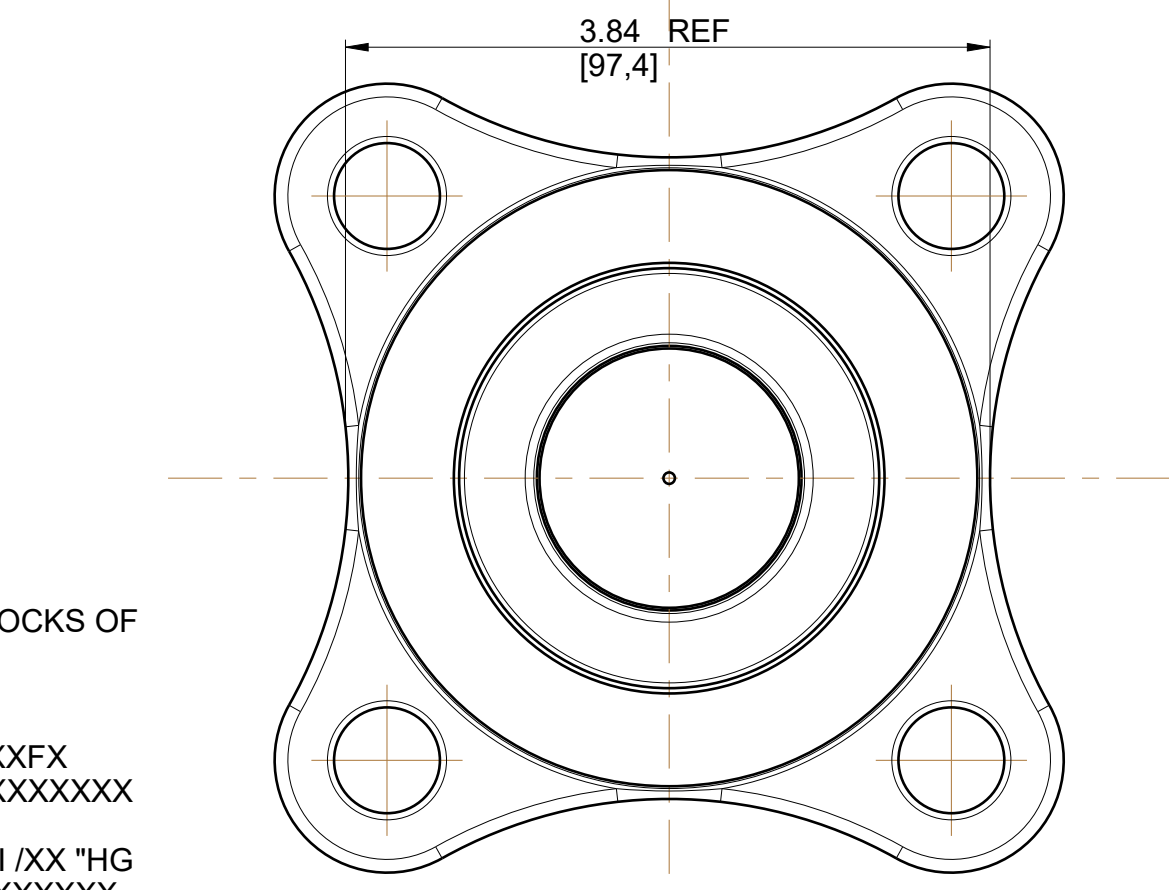
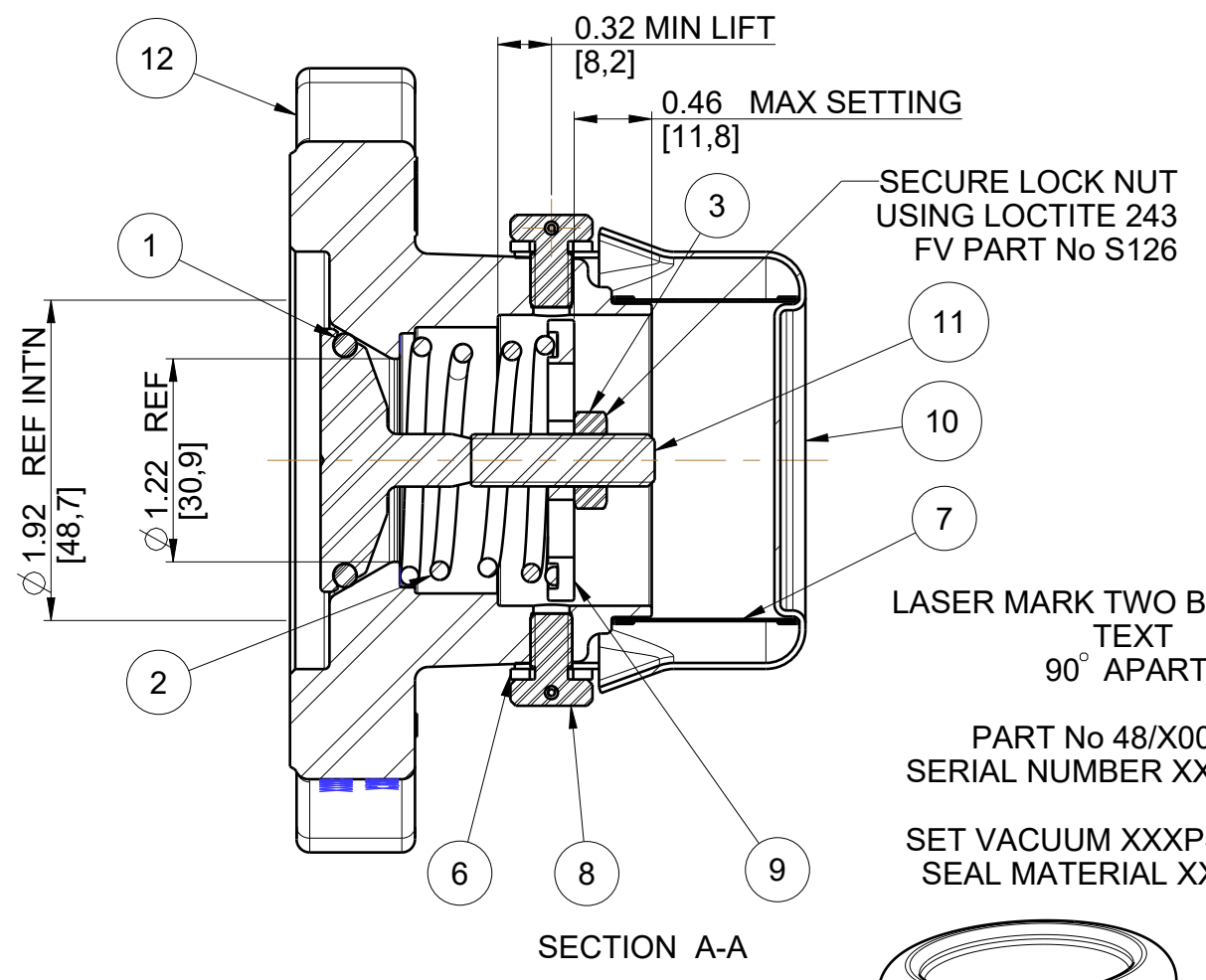
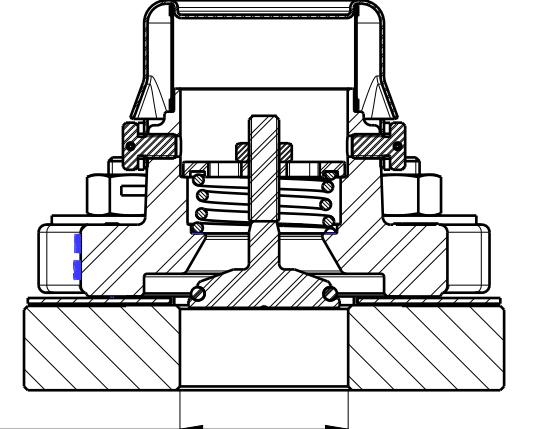
NET FLOW AREA 0.71 SQ IN  
AAR NoE139513

NOTE: ALL PARTS 316 STST

DRAWING STATUS		PRODUCTION	
REVISION	00	SIG S MOSELEY	30/09/19
NEW DRAWING RELEASED FOR PRODUCTION			



NOTE!  
TANKPAD OPENING MUST NOT BE SMALLER THAN Ø 1.75\"/>

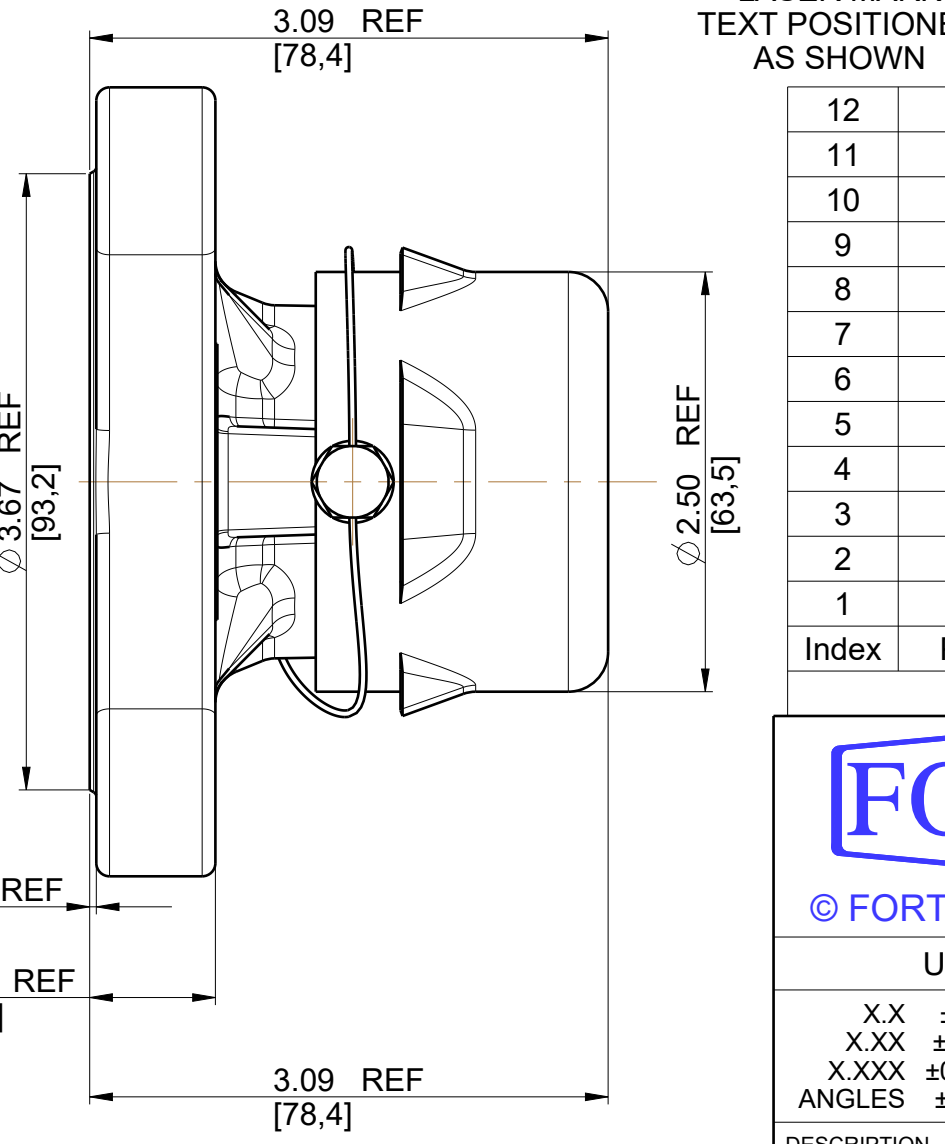
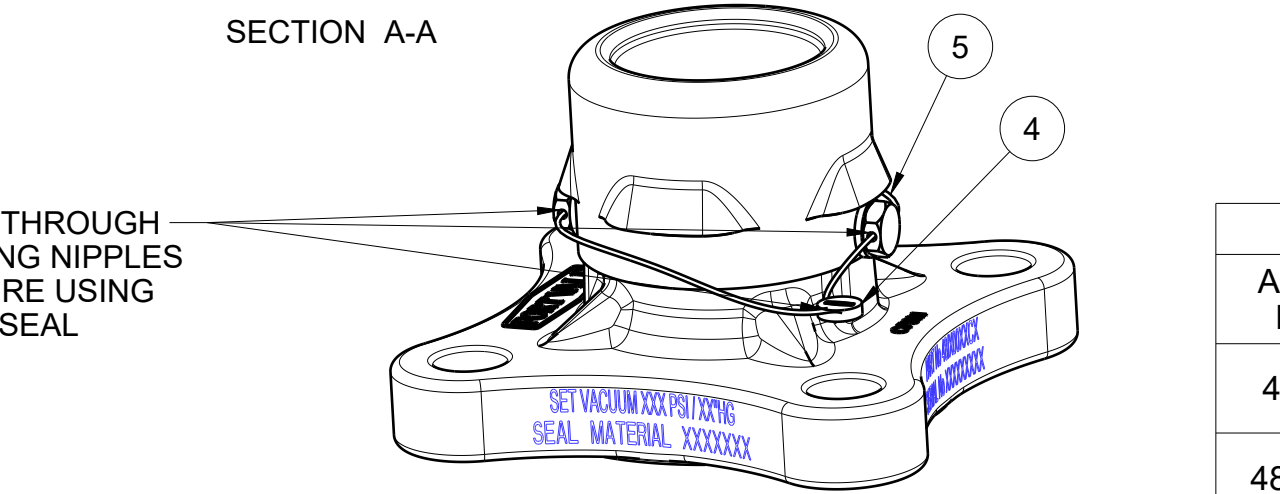


48/X00--FX DENOTES VACUUM SETTING (x2 \"/>

PSI UNITS ROUNDED TO NEAREST 0.25 PSI

ASSEMBLY NUMBER	PRESSURE SEAL	MIN TEMP	MAX TEMP
48/000XXFX (VITON A)	5005-107AD	-4°F (-20° C)	399°F (204° C)
48/100XXFX (FORTYT)	5005-108H	-67°F (-55° C)	392°F (200° C)
48/300XXFX (KALREZ 6375)	5005-107K	5°F (-15° C)	527°F (275° C)
48/700XXFX (PERFLUOROELASTOMER)	5005-764	4°F (-15° C)	500°F (260° C)
48/900XXFX (EPDM)	5005-255	-58°F (-50° C)	302°F (150° C)
48/B00XXFX (VITON B DUPONT)	5005-107BD	5° F (-15° C)	392°F (200° C)
48/C00XXFX (CHEMRAZ 505)	5005-107K9	-22°F (-30° C)	446°F (230° C)
48/E00XXFX (VITON GF-S, TRELLEBORG COMPOUND - CS5350)	ORB216GFS	-4°F (-20° C)	392°F (200° C)
48/G00XXFX (VITON GFLT)	5005-107GD	-13°F (-25° C)	392°F (200° C)
48/N00XXFX (WHITE NEOPRENE FOOD GRADE)	5005-107C	-22°F (-30° C)	212°F (100° C)
48/S00XXFX (VITON GF-S PEROXIDE CURED)	5005-107SD	-4°F (-20° C)	392°F (200° C)
48/T00XXFX (HIGH TEMP FORTYT)	5005-108HPFA	-67°F (-55° C)	500°F (260° C)
48/W00XXFX (WHITE BUNA N FOOD GRADE)	5005-107W	-22°F (-30° C)	212°F (100° C)
48/400XXFX (BLACK BUNA N HNBR NITRILE)	5005-984	-22°F (-30° C)	302°F (150° C)
48/D00XXFX (WHITE EPDM)	ORB216WEF	-58° F (-50° C)	302° F (150° C)
48/F00XXFX (BLACK NEOPRENE)	ORB216NEO	-49° F (-45° C)	212° F (100° C)

PASS WIRE THROUGH BOTH LOCKING NIPPLES & CRIMP WIRE USING LEAD SEAL



DESIGN CODE : ASME VIII DIV 1  
DESIGN PRESSURE (MAWP) : 165psig (11.38barg)  
HYDRAULIC TEST PRESSURE : 248psig (17.1barg)  
MAX DESIGN TEMPERATURE : SEE TABLE 2  
MIN DESIGN TEMPERATURE : SEE TABLE 2

ASSEMBLY NUMBER	DESCRIPTION	SUPPLEMENTAL COMPONENTS
48/X00XXF	STANDARD VALVE	NONE
48/X00XXFC	STANDARD VALVE WITH COWL	10217/1, 10299 5213-036
48/X00XXFGZ	STANDARD VALVE WITH COWL & GAUZE	10217/1, 10299 5213-036, 10204

ASSEMBLY NUMBER	SPRING	VACUUM SETTINGS					
		psi	\"/>				
48/X0048FX	5104-778	12,00	24,0	11,00	22,0	13,0	26,0
48/X0044FX	5104-778	11,00	22,0	10,00	20,0	12,0	24,0
48/X0040FX	5104-612	10,00	20,0	9,00	18,0	11,0	22,0
48/X0036FX	5104-610	9,00	18,0	8,00	16,0	10,0	20,0
48/X0030FX	5104-610	7,50	15,0	6,50	13,0	8,5	17,0
48/X0028FX	5104-610	7,00	14,0	6,00	12,0	8,0	16,0
48/X0027FX	5104-606	6,75	13,5	5,75	11,5	7,8	15,5
48/X0024FX	5104-606	6,00	12,0	5,00	10,0	7,0	14,0
48/X0020FX	5104-777	5,00	10,0	4,50	9,0	5,5	11,0
48/X0018FX	5104-777	4,50	9,0	4,00	8,0	5,0	10,0
48/X0016FX	5104-777	4,00	8,0	3,50	7,0	4,5	9,0
48/X0014FX	5104-605	3,50	7,0	3,00	6,0	4,0	8,0
48/X0013FX	5104-605	3,25	6,5	2,75	5,5	3,8	7,5
48/X0012FX	5104-605	3,00	6,0	2,50	5,0	3,5	7,0
48/X0011FX	5104-605	2,75	5,5	2,25	4,5	3,3	6,5
48/X0010FX	5104-776	2,50	5,0	2,00	4,0	3,0	6,0
48/X0008FX	5104-603	2,00	4,0	1,50	3,0	2,5	5,0
48/X0006FX	5104-775	1,50	3,0	1,00	2,0	2,0	4,0
48/X0005FX	5104-602/1	1,25	2,5	1,25	1,5	1,8	3,5
48/X0004FX	5104-602/1	1,00	2,0	1,00	2,0	1,8	4,0
48/X0003FX	5104-602/1	0,75	1,5	0,75	1,5	1,5	3,0
48/X0002FX	5104-601/1	0,50	1,0	0,50	1,0	1,0	2,0
48/X0001FX	5104-600/1	0,25	0,5	0,25	0,5	0,5	1,0

Index	Part Number	Description	Material	Qty
12	S0114/22	BODY MACHINING	CF8M	1
11	10983V/4	VACUUM POPPET UNF STEM	316 STST	1
10	10217/1	UNIACT CAP	304 STST	1
9	10215/1	SPRING PAD	304 STST	1
8	10299	CABLE NIPPLE	316 STST	2
7	10204	GAUZE RING	316 STST	1
6	5213-036	1/4\"/>		

SALES@FORTVALE.COM WWW.FORTVALE.COM

ENGLAND, USA, CHINA  
NETHERLANDS, SINGAPORE

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DO NOT SCALE- IF IN DOUBT ASK

UNLESS OTHERWISE STATED

FIRST ANGLE PROJECTION

MATERIAL: CF8M / 316 STST

SCALE: 7:8 MASS: 1,87 kg

CHECKED DVN: 33266

SHEET 1 OF 1

DRAWN BY: D BAILEY DATE: 12-Aug-19

DRG.NO.

DESCRIPTION: 1.5\"/>