

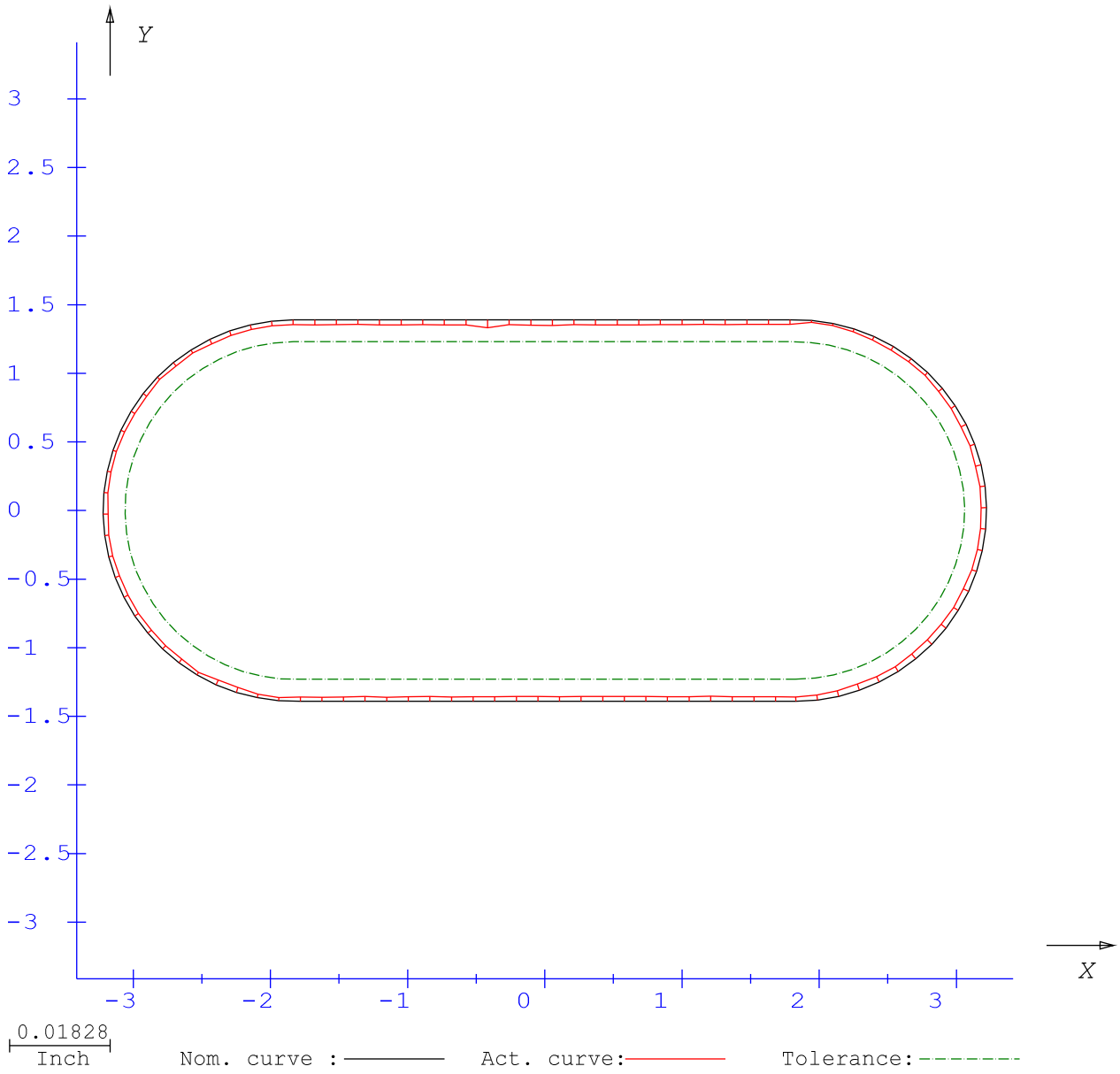


METROLOGY INSPECTION REPORT

PART NAME:	RF FLANGE ADAPTER			REC'D:	2	DATE:	August 2, 2007
PF/SA NO.:	PF-444-310-18	REV:	3	INSP'D:	2	INSPECTOR:	K. CABAN
ASSY/PROJECT:	SSRL			ACC'D:	0	ENGINEER:	T.A. TRAUTWEIN
WORK ORDER/CHARGE#:	23143-1	SEQ ID:	40	REJ'D:	2	PHONE/EXT:	4753
VENDOR:	MFD LIGHTMS			NCR:	YES	ROUTE TO:	MTLFNSH

SERIAL NO.			1	2											
DIMENSIONS	TOL (+)	TOL (-)													
∟ .005	0.0050	0.0000	0.0043	0.0042											
0.141	0.0000	-0.0050	0.1384	0.1386											
0.452	0.0050	-0.0050	0.4535	0.4535											
0.652	0.0050	-0.0050	0.6540	0.6540											
4X 4-40 UNC-2B	-	-	OK	OK											
⊕ ∅.011 A BⓂ CⓂ	0.0110	0.0000	0.0097	0.0038											
√ .168	0.0050	-0.0050	0.1700	0.1700											
.040 X 45°	-	-	OK	OK											
R .020	0.0020	-0.0020	0.0205	0.0215											
R .125	0.0050	-0.0050	0.1266	0.1275											
TOP VIEW PROFILES															
∟ .004 A B C	0.0040	0.0000	SEE PLOT ELEMENT: ACNO(5)												
∟ .004 A B C	0.0040	0.0000	SEE PLOT ELEMENT: ACNO(6)												
∟ .004 A	0.0040	0.0000	SEE PLOT ELEMENT: ACNO(7)												
⊕ .010Ⓜ A B C	0.0100	0.0000	0.0010	0.0006											
∟ .020 A B C	0.0200	0.0000	SEE PLOT ELEMENT: ACNO(4)												
BOTTOM VIEW PROFILES	-	-													
∟ .002 A	0.0000	-0.0020	SEE PLOT ELEMENT: ACNO(1)												
∟ .002 A B C	0.0000	-0.0020	SEE PLOT ELEMENT: ACNO(2)												
∟ .004 A	0.0040	0.0000	SEE PLOT ELEMENT: ACNO(3)												
⊕ .010Ⓜ A B C	0.0100	0.0000	0.0008	0.0005											

COMMENTS:



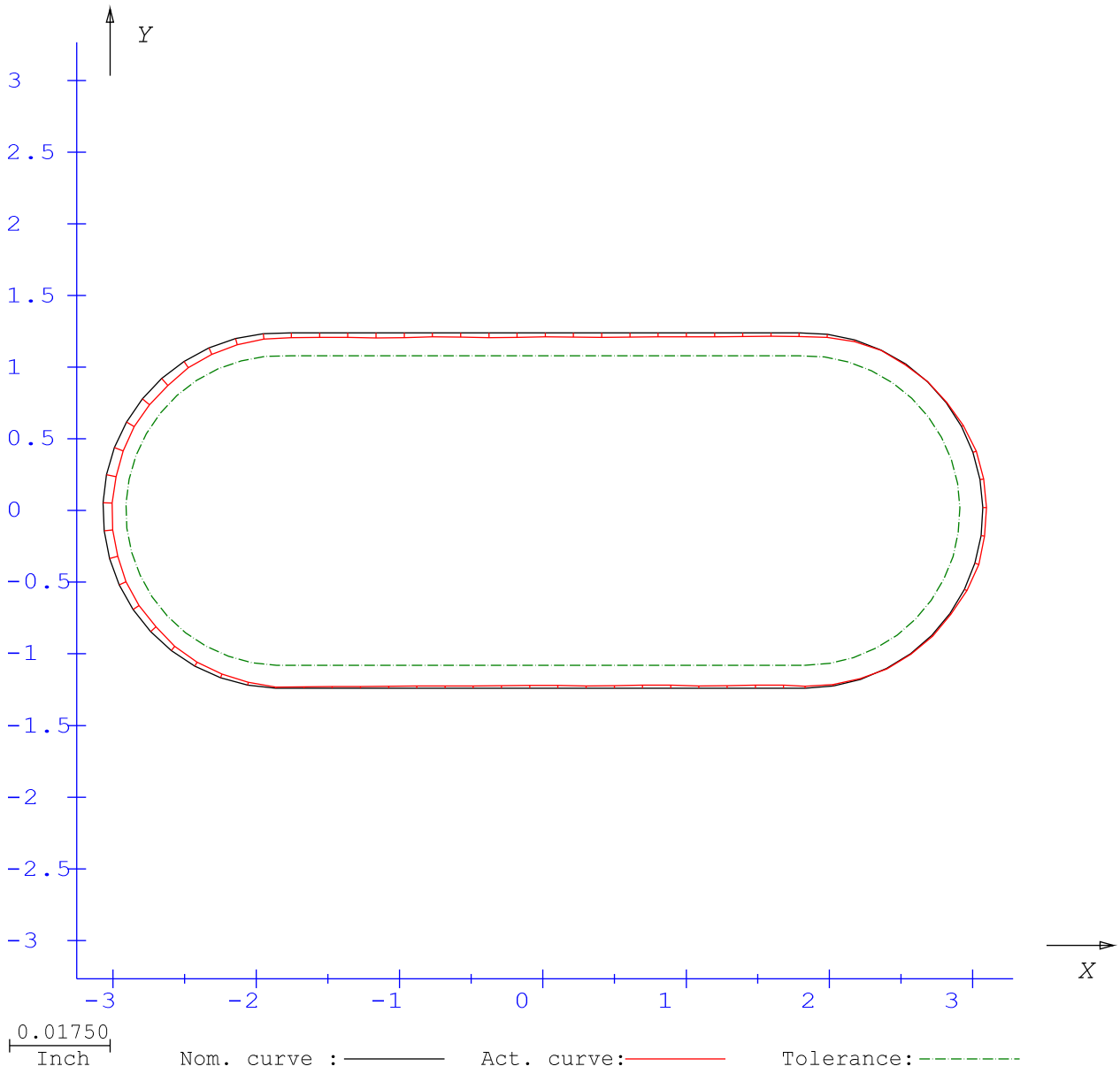
Notation : RF FLANGE ADAPT Producer : G. GORDON Draw. No. : PF-444-310-18 R
 Ser. No. : 1ST ART Part No. : Department: METROLOGY
 Element : ACNO(1)

			X	Y	Z	Nr.	
Form	0.00106	Min. Deviat.:	0.00037	1.94471	1.38526	-0.22409	28
Lower Toler. :	0.00400	Max. Deviat.:	0.00143	-0.41736	1.39000	-0.22409	43
Upper Toler. :	0.00000						
Error Magnif.:	40						
No. of points:	102						

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 08:53:08



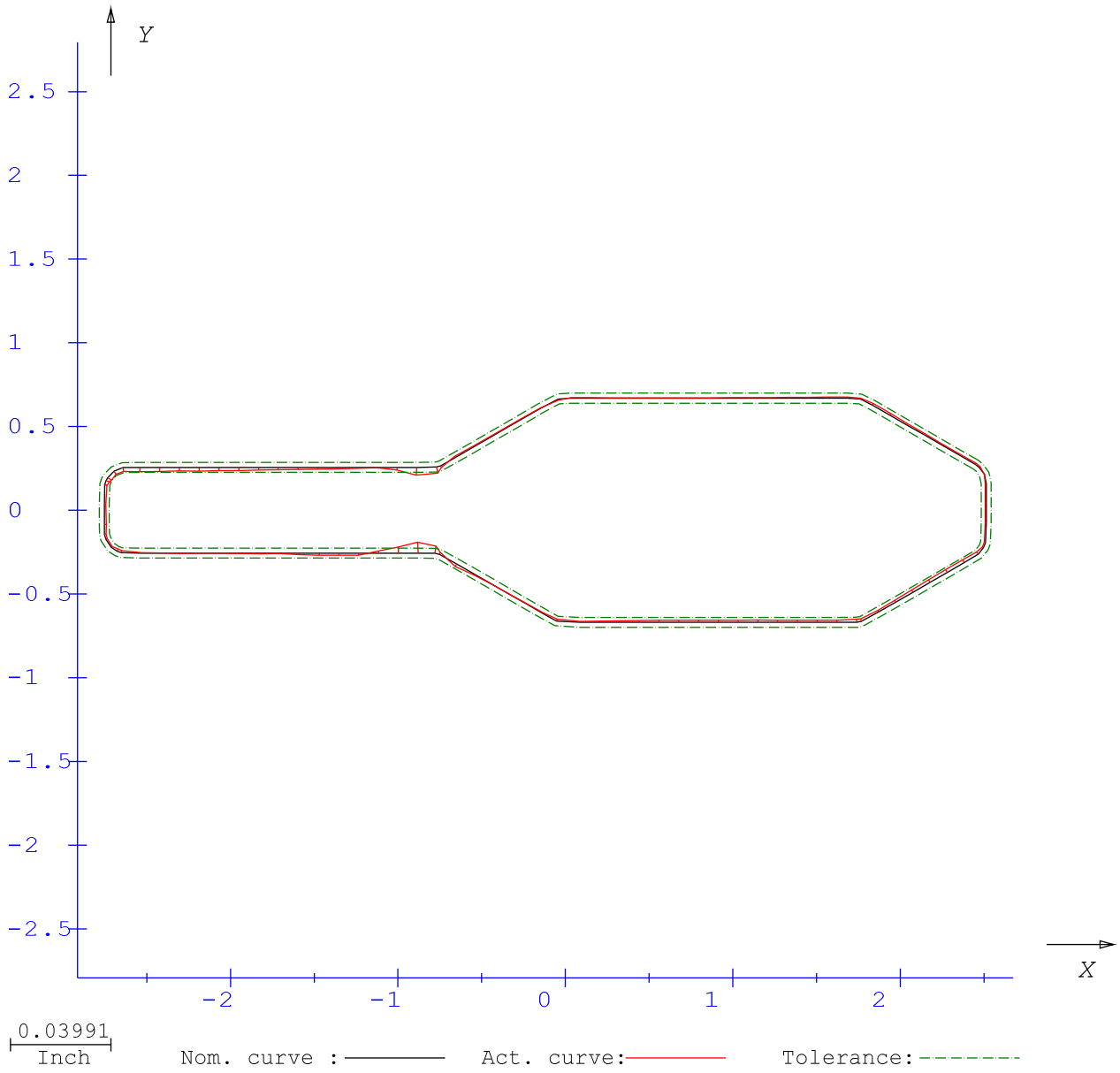
Notation : RF FLANGE ADAPT Producer : G. GORDON Draw. No. : PF-444-310-18 R
 Ser. No. : 1ST ART Part No. : Department: METROLOGY
 Element : ACNO(2)

		X	Y	Z	Nr.		
Form	0.00240	Min. Deviat.:-0.00071	3.01433	-0.36739	-0.08051	9	
Lower Toler. :	0.00400	Max. Deviat.:	0.00169	-3.04460	0.24968	-0.08051	48
Upper Toler. :	0.00000						
Error Magnif.:	40						
No. of points:	77						

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 08:53:08



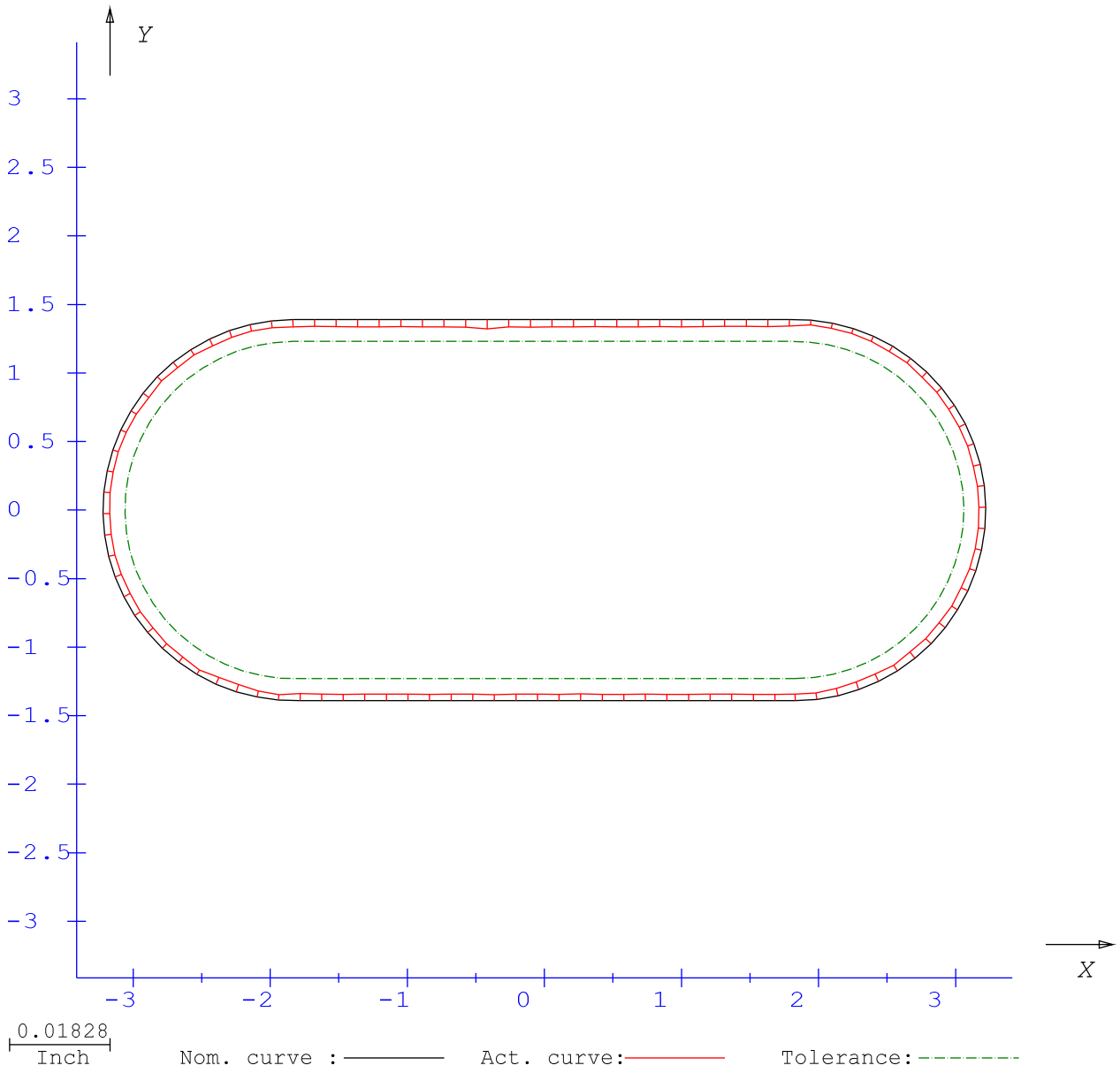
Notation : RF FLANGE ADAPT Producer : G. GORDON Draw. No. : PF-444-310-18 R
 Ser. No. : 1ST ART Part No. : Department: METROLOGY
 Element : ACNO(3)

		X	Y	Z	Nr.		
Form	0.00552	Min. Deviat.:-0.00119	-0.64831	-0.32004	-0.00002	77	
Lower Toler. :	-0.00200	Max. Deviat.:	0.00433	-0.87926	-0.25590	-0.00002	74
Upper Toler. :	0.00200						
Error Magnif.:	15						
No. of points:	113						

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 08:53:08



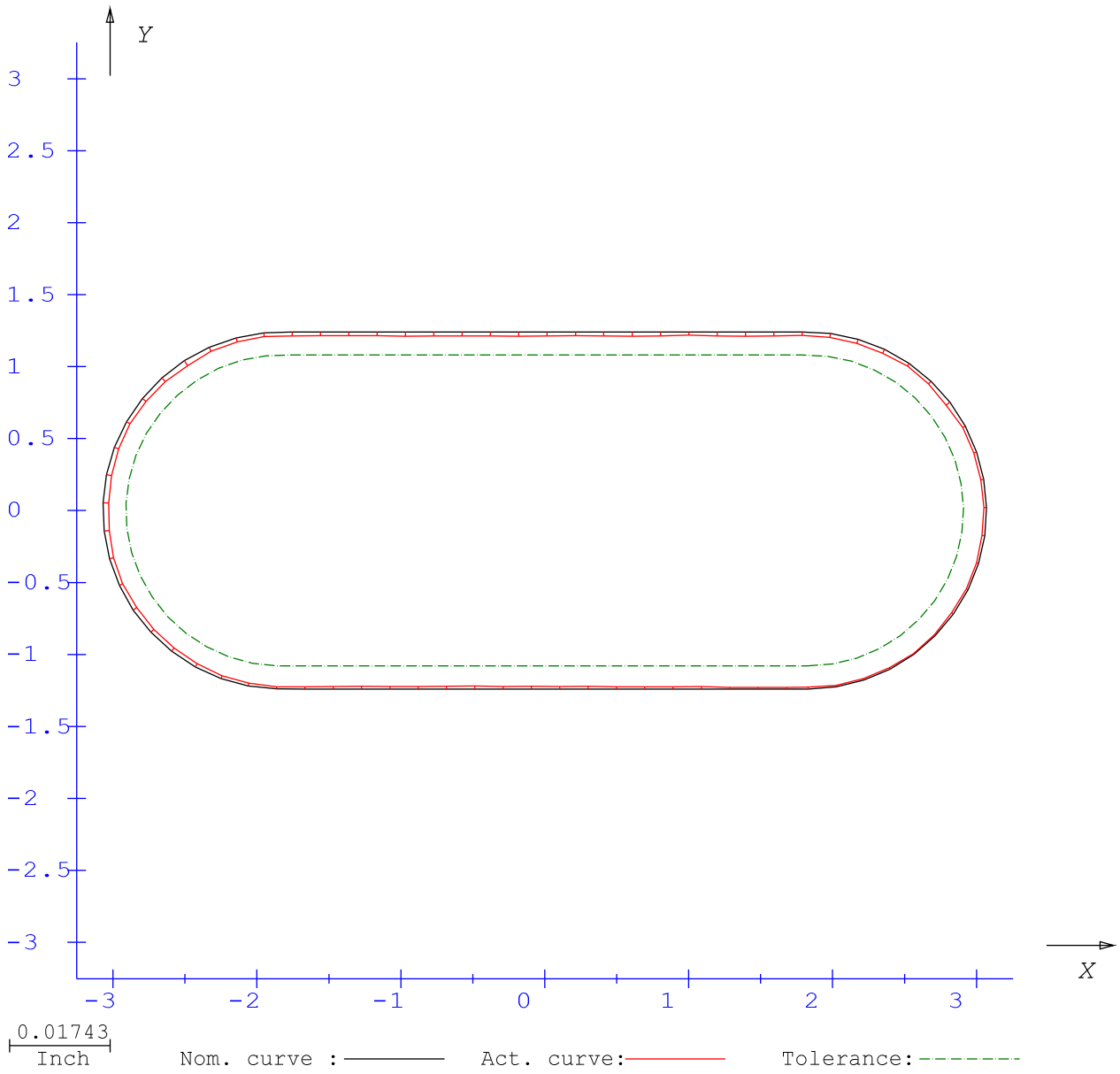
Notation : RF FLANGE ADAPT Producer : G. GORDON Draw. No. : PF-444-310-18 R
 Ser. No. : 02 Part No. : Department: METROLOGY
 Element : ACNO(1)

			X	Y	Z	Nr.	
Form	0.00083	Min. Deviat.:	0.00088	1.94471	1.38526	-0.22409	28
Lower Toler. :	0.00400	Max. Deviat.:	0.00171	-0.41736	1.39000	-0.22409	43
Upper Toler. :	0.00000						
Error Magnif.:	40						
No. of points:	102						

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QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 11:16:16



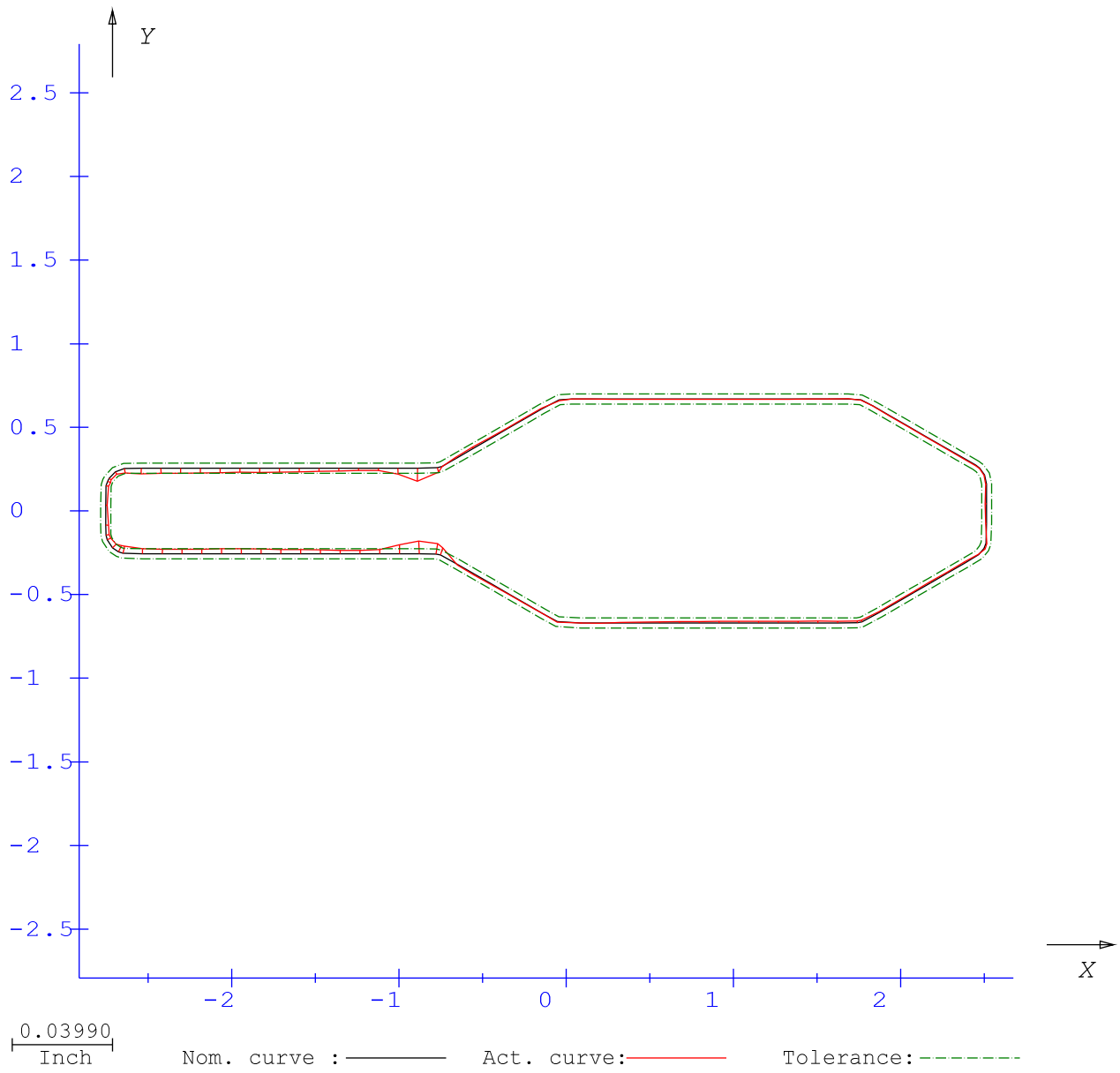
Notation : RF FLANGE ADAPT Producer : G. GORDON Draw. No. : PF-444-310-18 R
 Ser. No. : 02 Part No. : Department: METROLOGY
 Element : ACNO(2)

			X	Y	Z	Nr.	
Form	0.00091	Min. Deviat.:	0.00013	2.56554	-0.99829	-0.08051	5
Lower Toler. :	0.00400	Max. Deviat.:	0.00104	-2.50363	1.04107	-0.08051	43
Upper Toler. :	0.00000						
Error Magnif.:	40						
No. of points:	77						

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 11:16:16



Notation : RF FLANGE ADAPT
 Ser. No. : 02
 Element : ACNO(3)

Producer : G. GORDON
 Part No. :

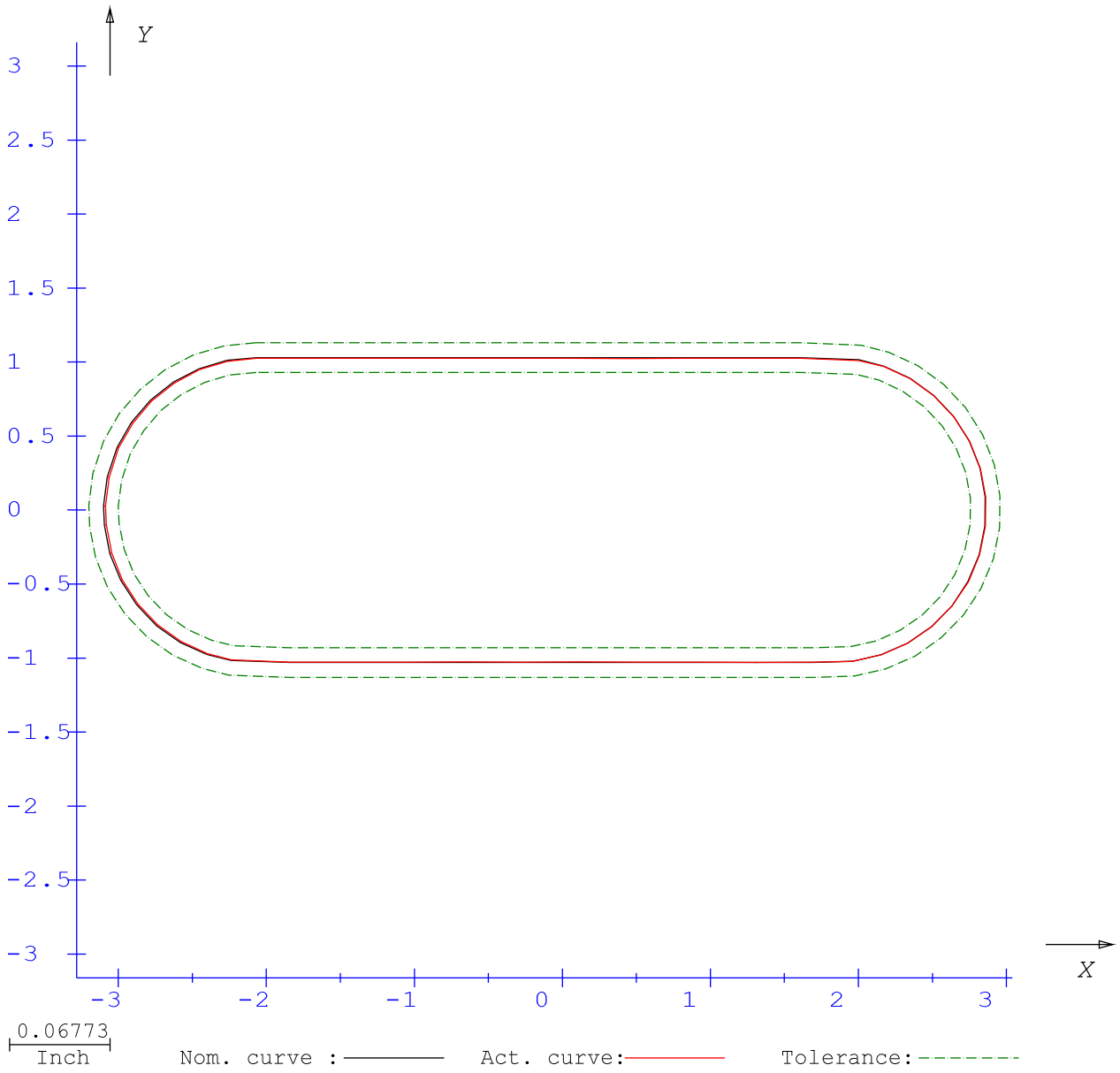
Draw. No. : PF-444-310-18 R
 Department: METROLOGY

		X	Y	Z	Nr.		
Form	0.00583	Min. Deviat.:-0.00062	-0.55549	0.37362	-0.00002	29	
Lower Toler. :-	-0.00200	Max. Deviat.:	0.00521	-0.88791	0.25590	-0.00002	33
Upper Toler. :	0.00200						
Error Magnif.:	15						
No. of points:	113						

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 11:16:16



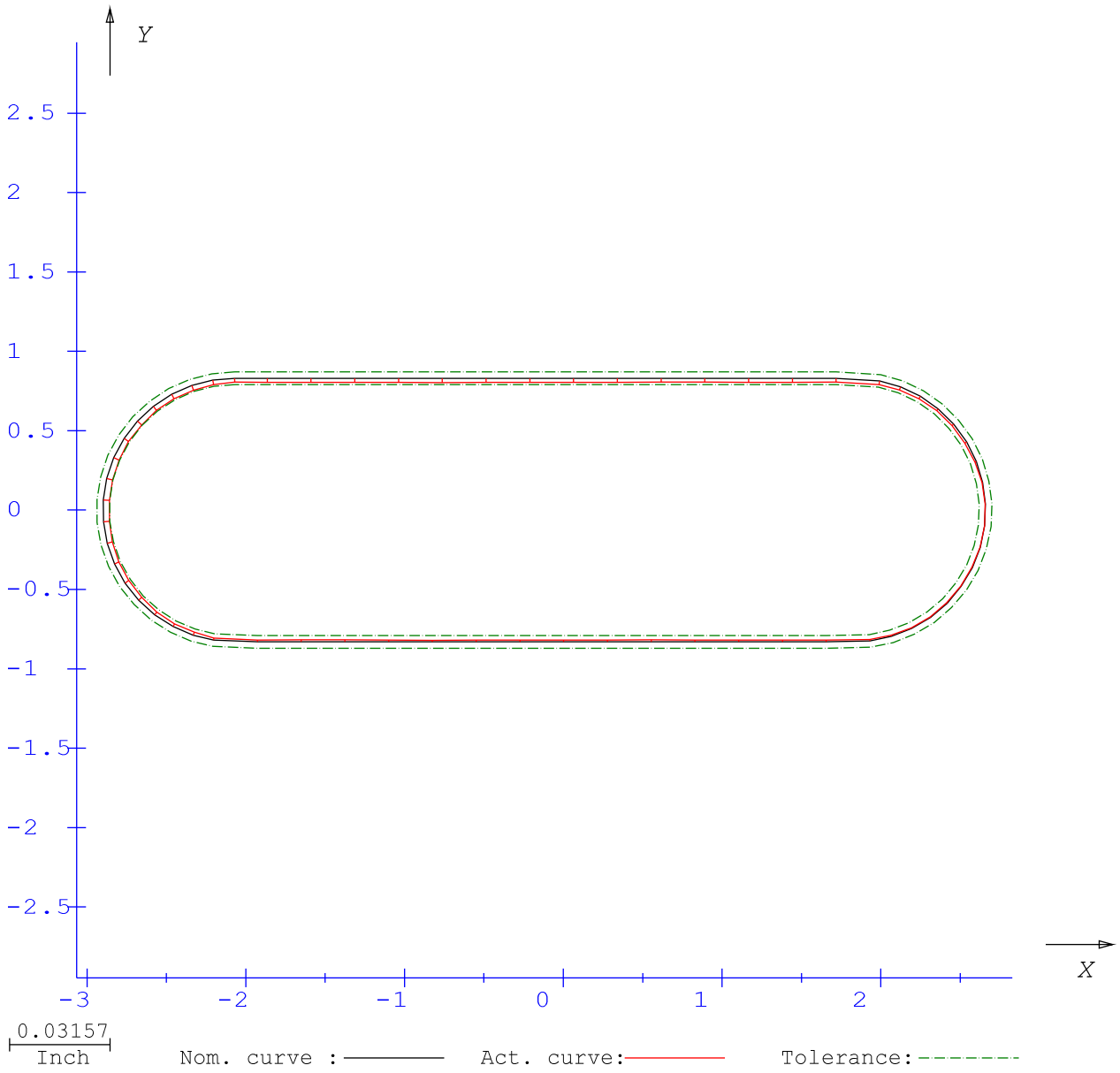
Notation : RF FLANGE ADAPT Producer : T.A. TRAUTWEIN Draw. No. : PF-444-310-18 R
 Ser. No. : 01 Part No. : Department: METROLOGY
 Element : ACNO(4)

		X	Y	Z	Nr.		
Form	0.00173	Min. Deviat.:	-0.00036	2.73988	-0.48273	-0.20669	33
Lower Toler. :	-0.01000	Max. Deviat.:	0.00137	-3.07542	0.22366	-0.20669	8
Upper Toler. :	0.01000						
Error Magnif.:	10						
No. of points:	53						

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QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 12:33:28



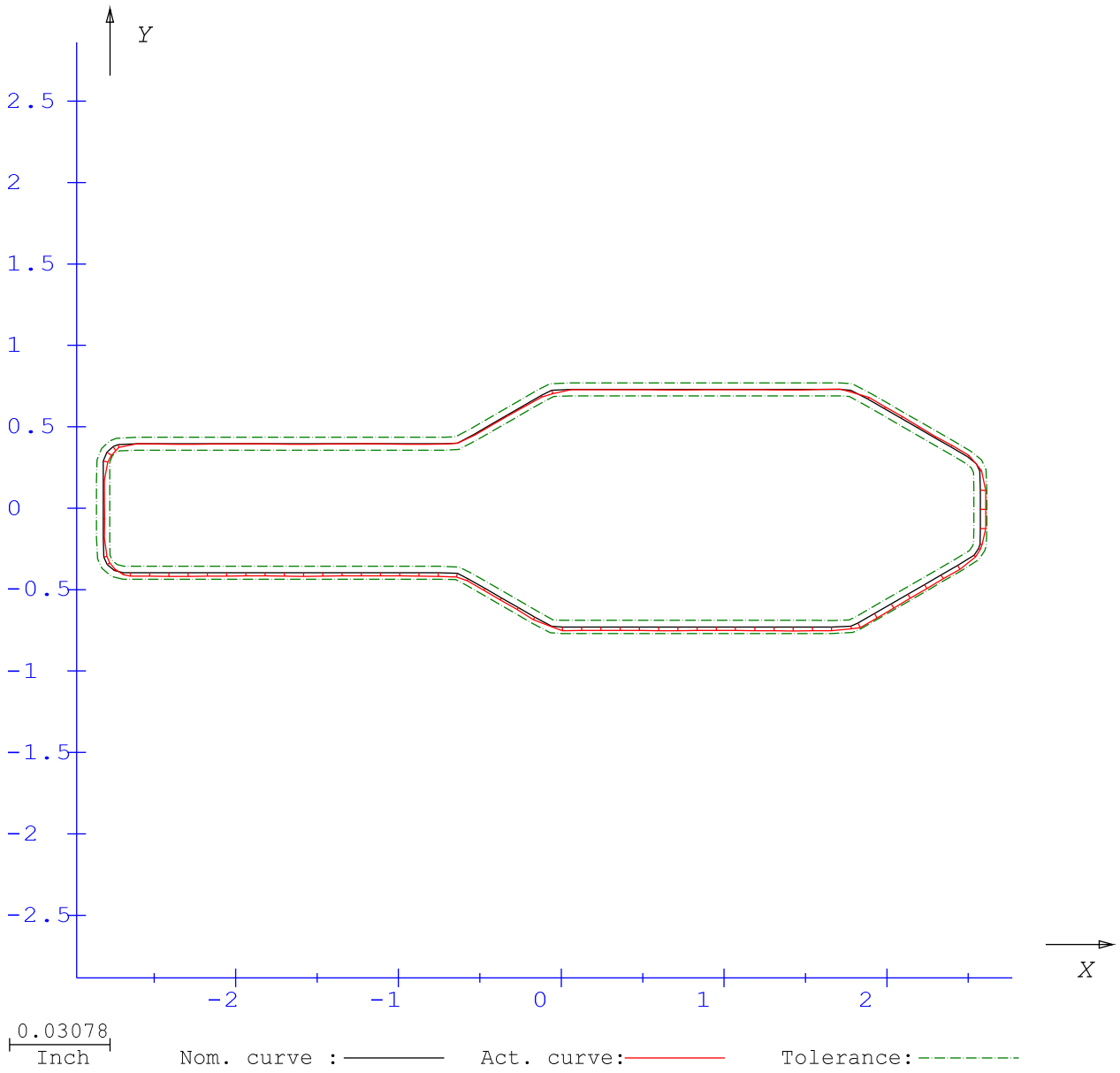
Notation : RF FLANGE ADAPT Producer : T.A. TRAUTWEIN Draw. No. : PF-444-310-18 R
 Ser. No. : 01 Part No. : Department: METROLOGY
 Element : ACNO(5)

		X	Y	Z	Nr.		
Form	0.00193	Min. Deviat.:	0.00001	2.65398	-0.09980	-0.11000	42
Lower Toler. :	-0.00200	Max. Deviat.:	0.00194	-2.89669	-0.07409	-0.11000	11
Upper Toler. :	0.00200						
Error Magnif.:	20						
No. of points:	65						

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 12:33:28



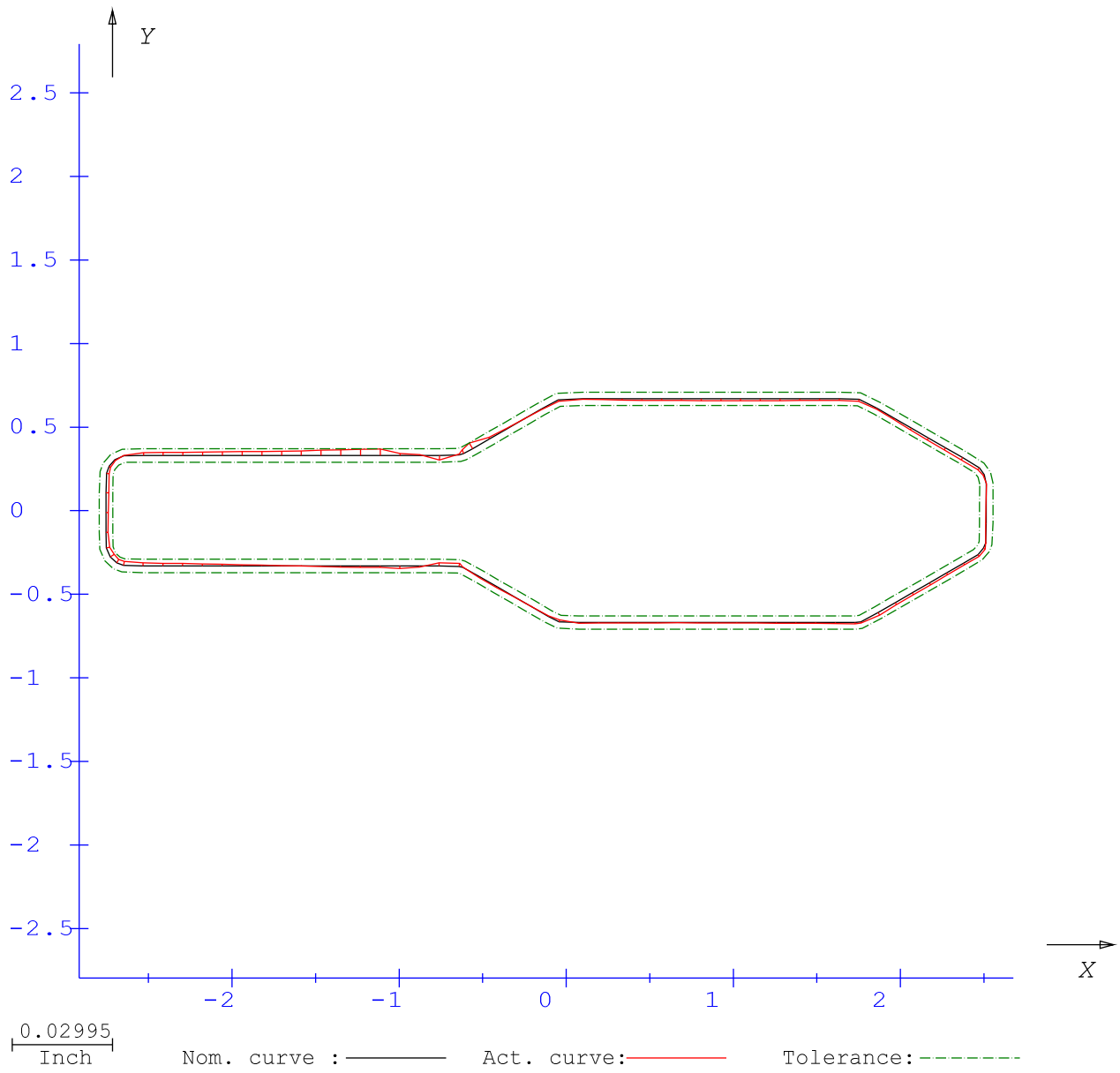
Notation : RF FLANGE ADAPT Producer : T.A. TRAUTWEIN Draw. No. : PF-444-310-18 R
 Ser. No. : 01 Part No. : Department: METROLOGY
 Element : ACNO(6)

		X	Y	Z	Nr.		
Form	0.00337	Min. Deviat.:-0.00170	-2.79024	0.34353	-0.09000	10	
Lower Toler. :	-0.00200	Max. Deviat.:	0.00167	2.57350	-0.12593	-0.09000	64
Upper Toler. :	0.00200						
Error Magnif.:	20						
No. of points:	114						

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 12:33:28



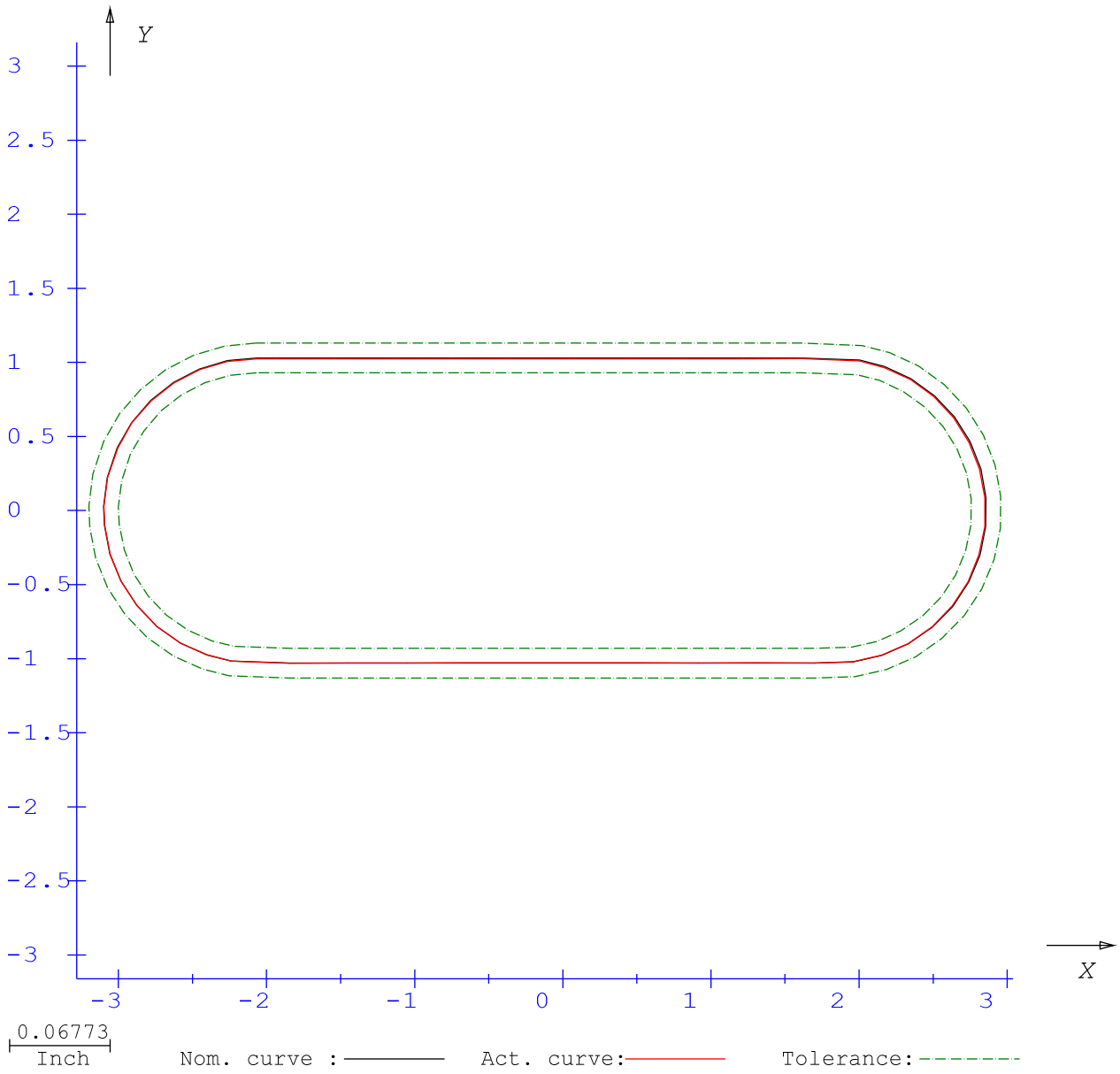
Notation : RF FLANGE ADAPT Producer : T.A. TRAUTWEIN Draw. No. : PF-444-310-18 R
 Ser. No. : 01 Part No. : Department: METROLOGY
 Element : ACNO(7)

		X	Y	Z	Nr.	
Form	0.00337	Min. Deviat.:-0.00197	-0.56012	0.37096	-0.20020	30
Lower Toler. :	-0.00200	Max. Deviat.: 0.00140	-2.72821	-0.27689	-0.20020	57
Upper Toler. :	0.00200					
Error Magnif.:	20					
No. of points:	110					

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 12:33:28



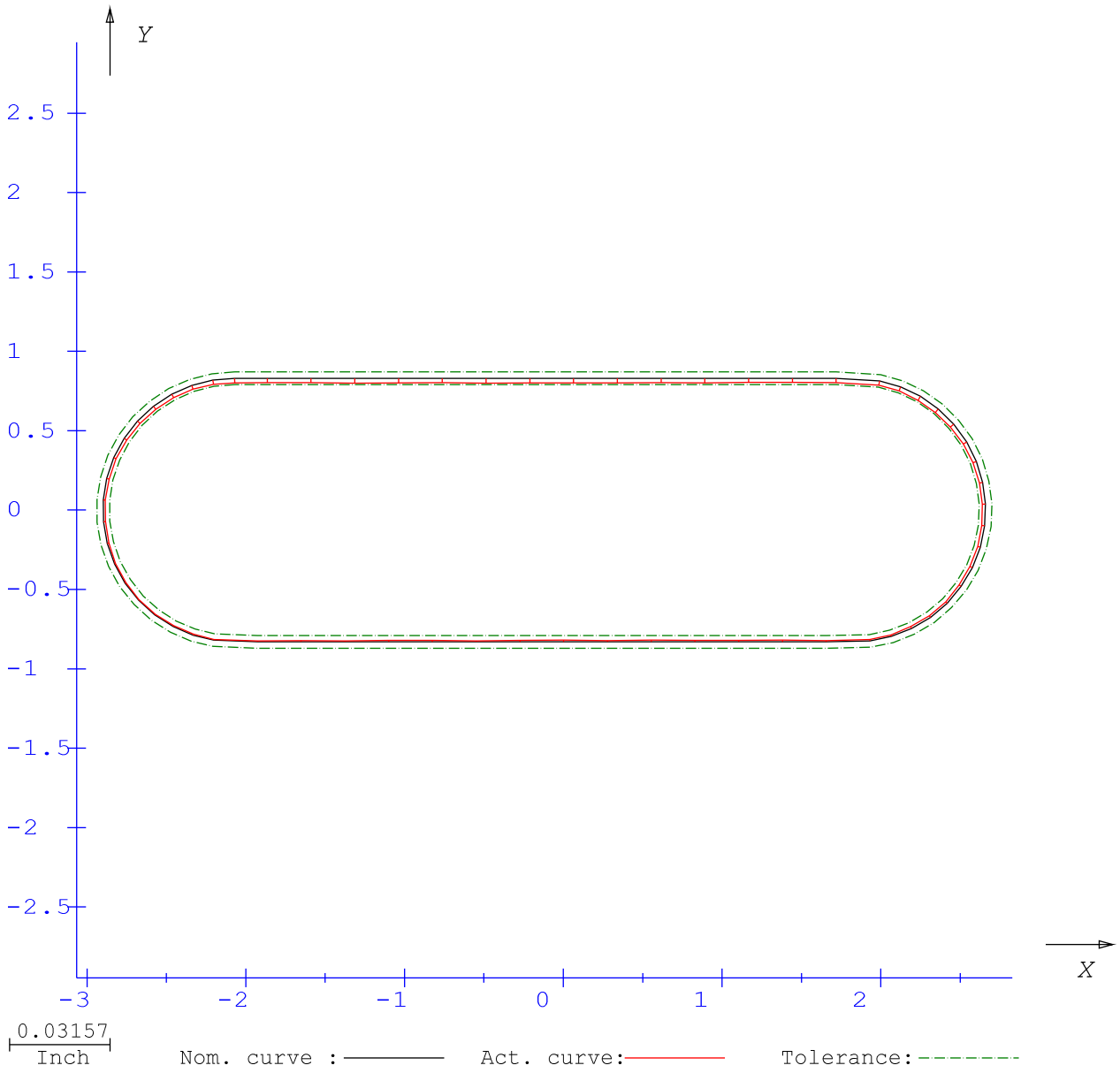
Notation : RF FLANGE ADAPT Producer : T.A. TRAUTWEIN Draw. No. : PF-444-310-18 R
 Ser. No. : 02 Part No. : Department: METROLOGY
 Element : ACNO(4)

		X	Y	Z	Nr.		
Form	0.00089	Min. Deviat.:-0.00007	-2.57974	-0.89502	-0.20669	15	
Lower Toler. :	-0.01000	Max. Deviat.:	0.00082	2.74934	0.46445	-0.20669	38
Upper Toler. :	0.01000						
Error Magnif.:	10						
No. of points:	53						

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 14:45:49



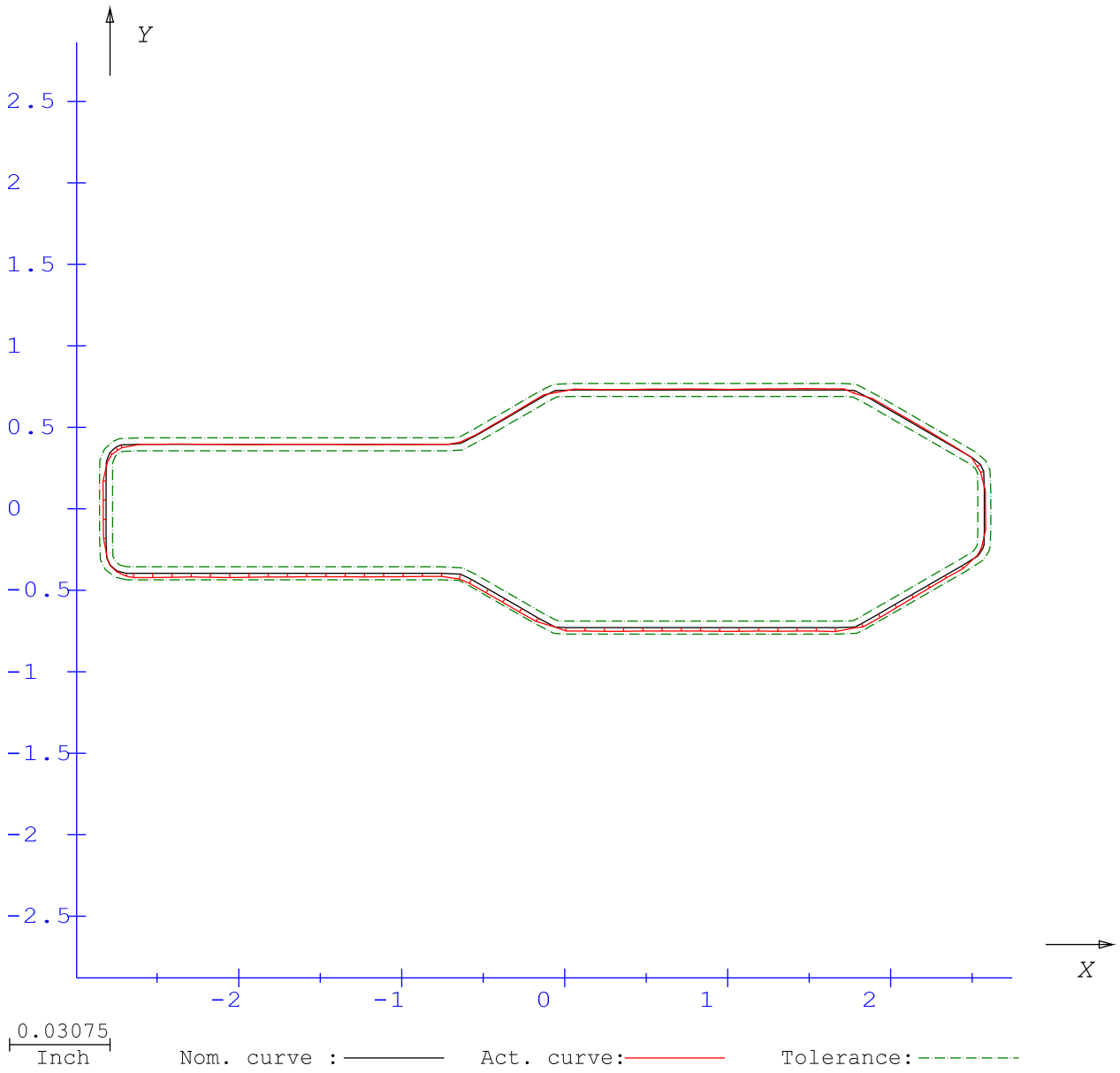
Notation : RF FLANGE ADAPT Producer : T.A. TRAUTWEIN Draw. No. : PF-444-310-18 R
 Ser. No. : 02 Part No. : Department: METROLOGY
 Element : ACNO(5)

		X	Y	Z	Nr.		
Form	0.00135	Min. Deviat.:	0.00021	-2.67534	-0.56786	-0.11000	15
Lower Toler. :	-0.00200	Max. Deviat.:	0.00156	-0.48667	0.83000	-0.11000	60
Upper Toler. :	0.00200						
Error Magnif.:	20						
No. of points:	65						

Leitz
QUINDOS

2D - CONTOUR

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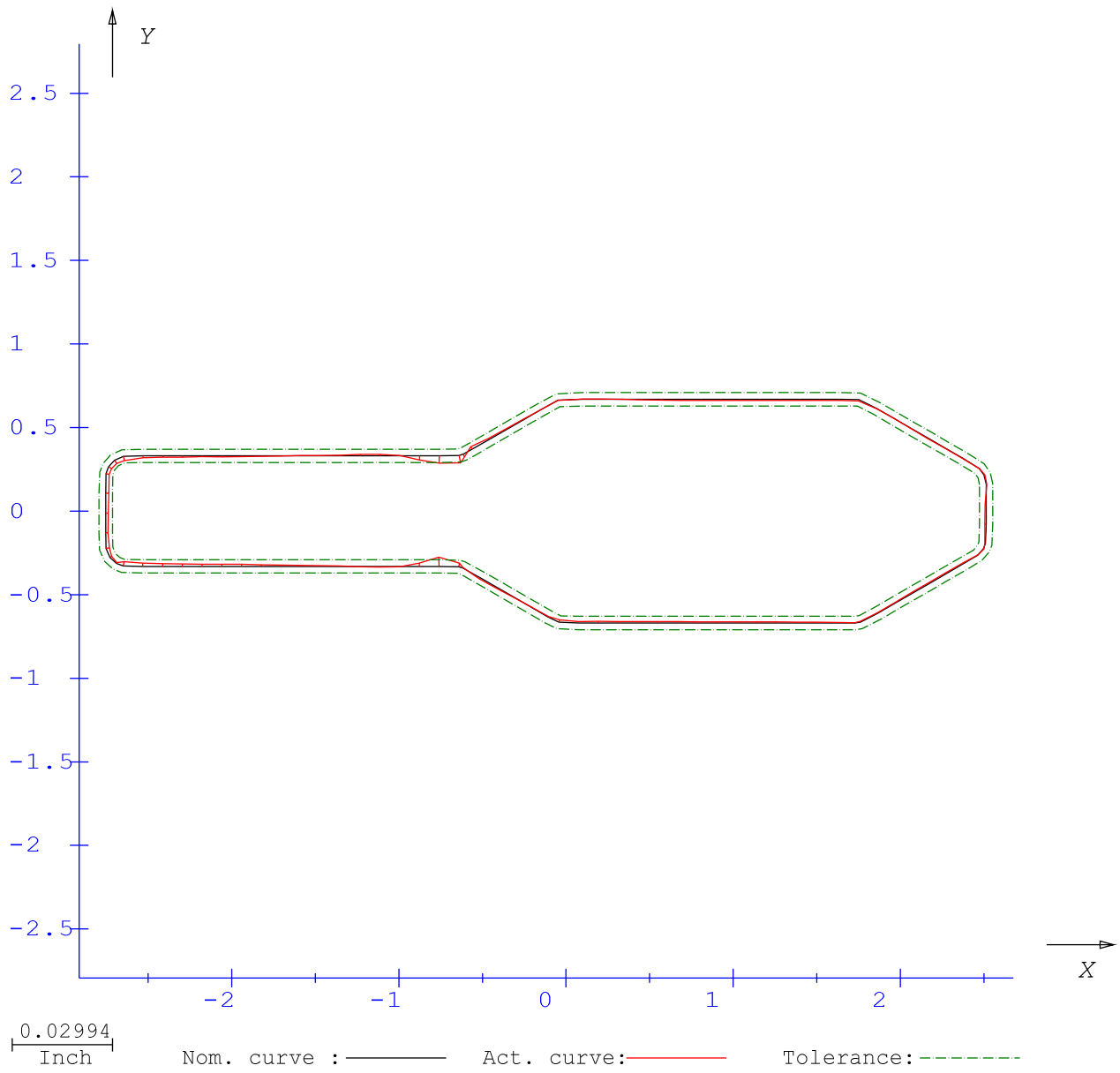
Notation : RF FLANGE ADAPT Producer : T.A. TRAUTWEIN Draw. No. : PF-444-310-18 R
 Ser. No. : 02 Part No. : Department: METROLOGY
 Element : ACNO(6)

		X	Y	Z	Nr.		
Form	0.00281	Min. Deviat.:-0.00122	2.54921	0.27273	-0.09000	60	
Lower Toler. :-	-0.00200	Max. Deviat.:	0.00159	-0.63805	-0.40016	-0.09000	97
Upper Toler. :	0.00200						
Error Magnif.:	20						
No. of points:	114						

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 14:45:49



Notation : RF FLANGE ADAPT Producer : T.A. TRAUTWEIN Draw. No. : PF-444-310-18 R
 Ser. No. : 02 Part No. : Department: METROLOGY
 Element : ACNO(7)

		X	Y	Z	Nr.		
Form	0.00363	Min. Deviat.:-0.00087	-0.56012	0.37096	-0.20020	30	
Lower Toler. :	-0.00200	Max. Deviat.:	0.00276	-0.75978	-0.33057	-0.20020	75
Upper Toler. :	0.00200						
Error Magnif.:	20						
No. of points:	110						

Leitz
QUINDOS

2D - CONTOUR

Inspector.: KCABAN
 Date: 02-AUG-2007
 Time: 14:45:49