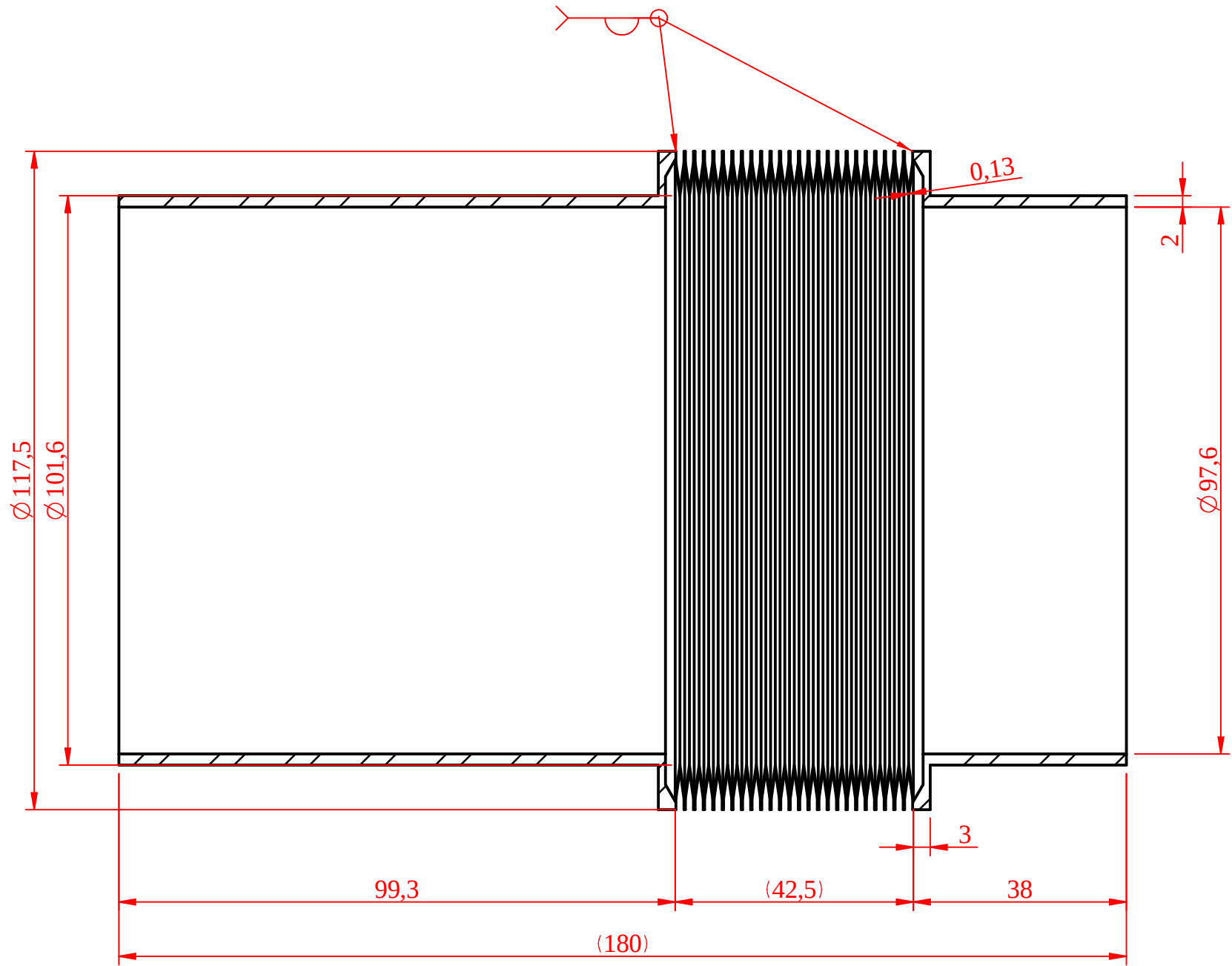
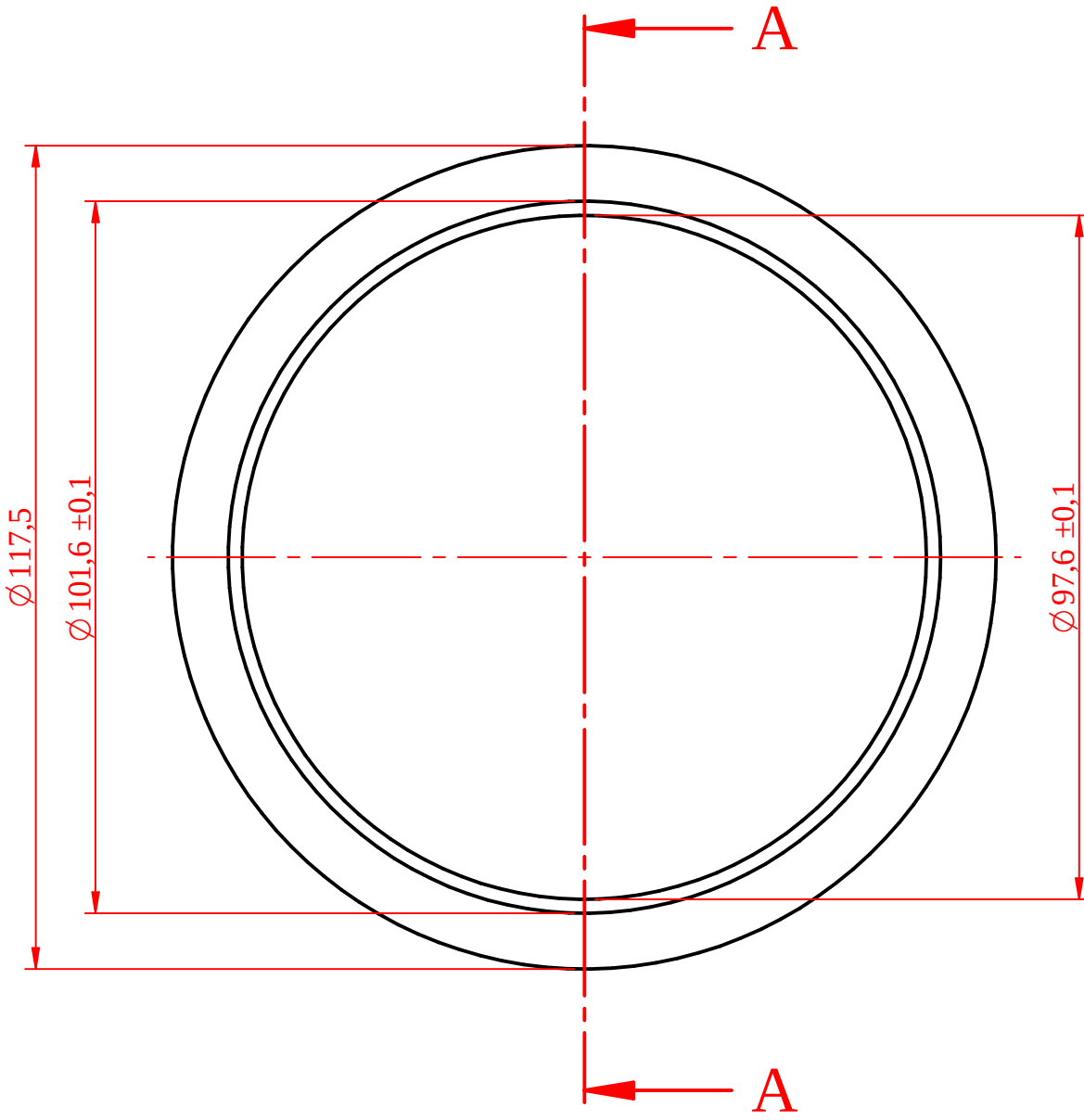


DO NOT SCALE - IF IN DOUBT ASK



SECTION A-A

BELLOWS DATA	
No OF CONVOLUTIONS	25
FREE LENGTH	43 mm
INSIDE DIAMETER	101.6 mm
OUTSIDE DIAMETER	117.5 mm
WALL THICKNESS	0.13 mm
REQUIRED LIFE CYCLE	10k
LEAK RATE: QHe = 1x10-10 Pa m3 S-1	

METRIC SYSTEM: mm		REMOVE ALL BURRS & SHARP EDGES		DRAWN J Broodryk		 iThemba LABS National Research Foundation Laboratory for Accelerator Based Sciences		TITLE		A2
		UNSPECIFIED MACHINE SURFACES $\sqrt{32}$		CHECKED				NESTED BELLOWS D101.6		
		UNTOLERANCED DIMNS/ANGLES LIMITS		APPROVED						
		DIMENSIONS 0.5-6 ± 0.1 mm		DATE 20/07/16						
		DIMENSIONS 6-30 ± 0.2 mm		SCALE 1:1						
		DIMENSIONS 30-120 ± 0.3 mm		TREATMENT						
THIRD ANGLE PROJECTION		DIMENSIONS 120-315 ± 0.5 mm				MATERIAL		DRAWING No	REV	
DRAWN TO SABS 0111		DIMENSIONS 315-1000 ± 0.8 mm				Stainless Steel, 304L		5558-6083	A	
		ANGLES X ± 30°				SHEET 1 OF 1				