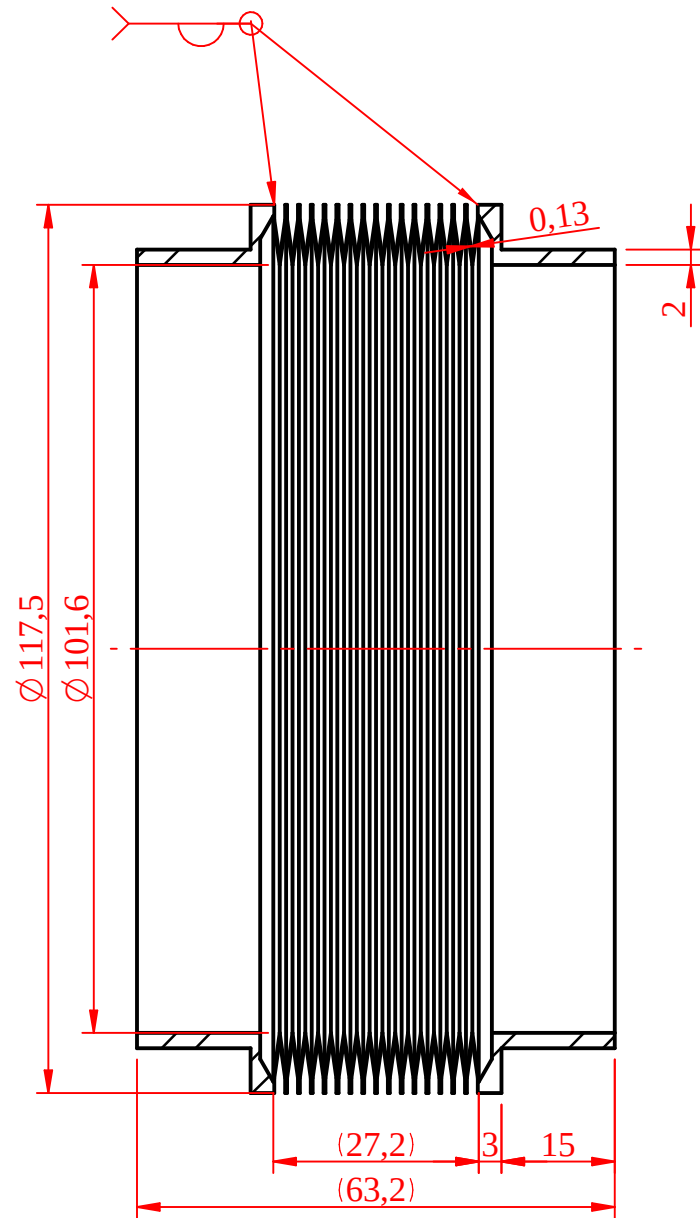
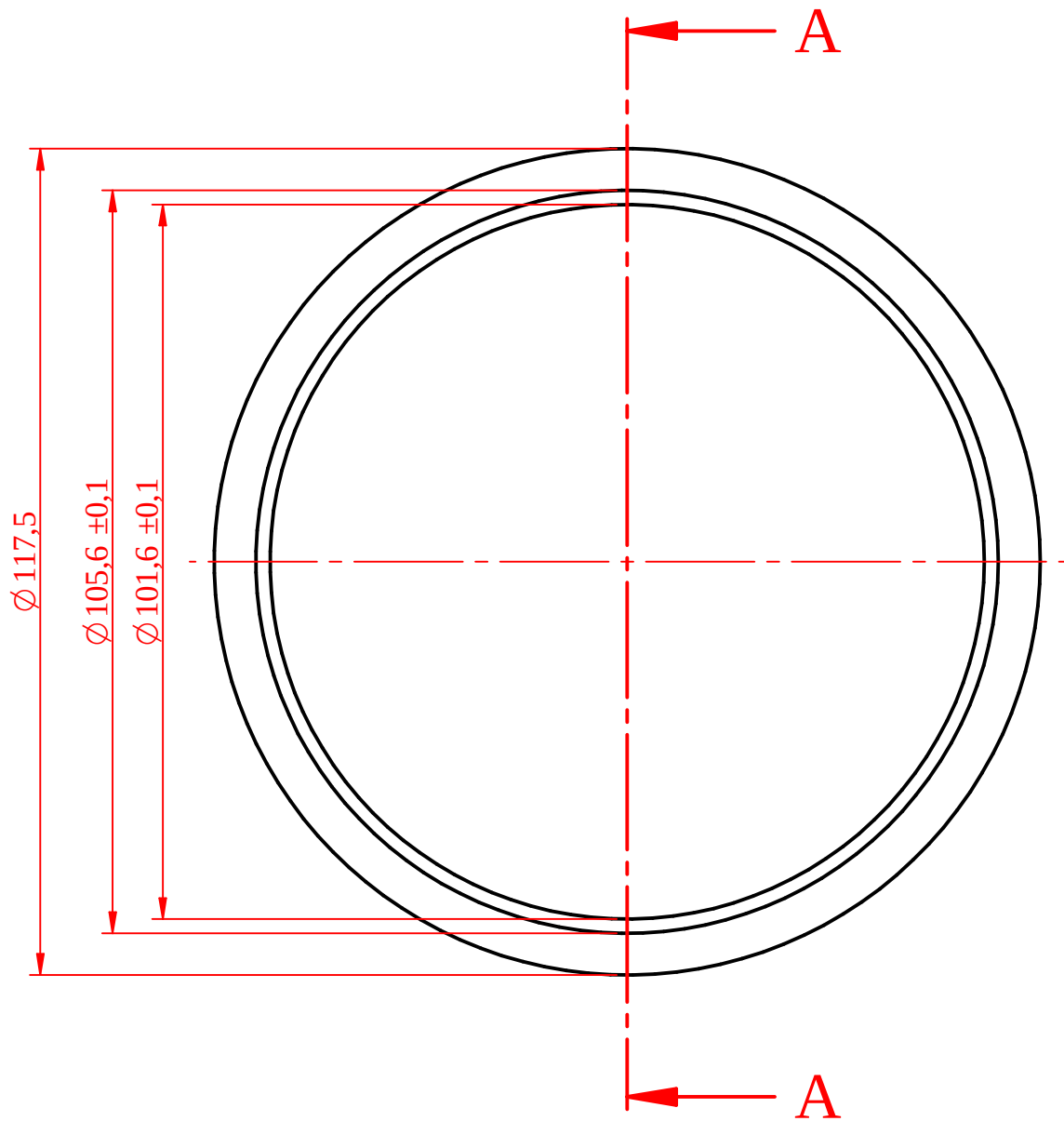


DO NOT SCALE - IF IN DOUBT ASK

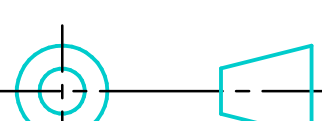


SECTION A-A

BELLOWS DATA

No OF CONVOLUTIONS	16
FREE LENGTH	27 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		 		TITLE		A3	
		UNSPECIFIED MACHINE SURFACES 3.2/√		CHECKED				NESTED BELLOWS D101.6			
		UNTOLERANCED DIMNS/ANGLES LIMITS		APPROVED							
		DIMENSIONS 0.5-6 ± 0.1 mm		DATE 20/07/16							
THIRD ANGLE PROJECTION		DIMENSIONS 6-30 ± 0.2 mm		SCALE 1:1		National Research Foundation Laboratory for Accelerator Based Sciences		MATERIAL		DRAWING No 5558-6071	REV A
DRAWN TO SABS 0111		DIMENSIONS 30-120 ± 0.3 mm		TREATMENT				Stainless Steel, 304L			
		DIMENSIONS 120-315 ± 0.5 mm									
		DIMENSIONS 315-1000 ± 0.8 mm									
		ANGLES X ± 30'									