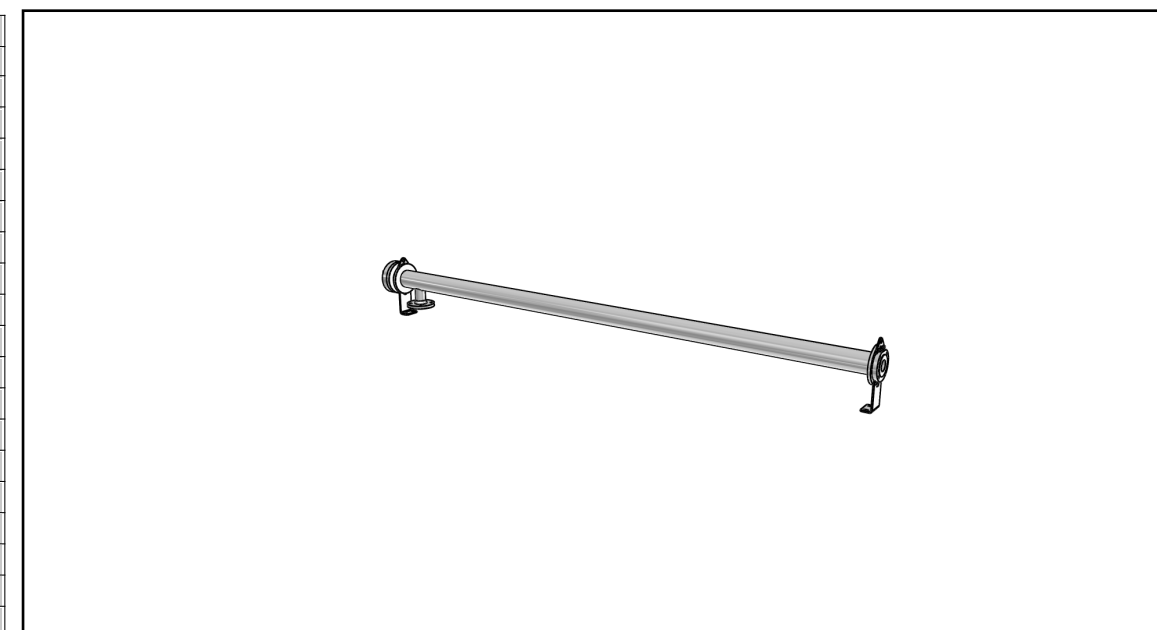
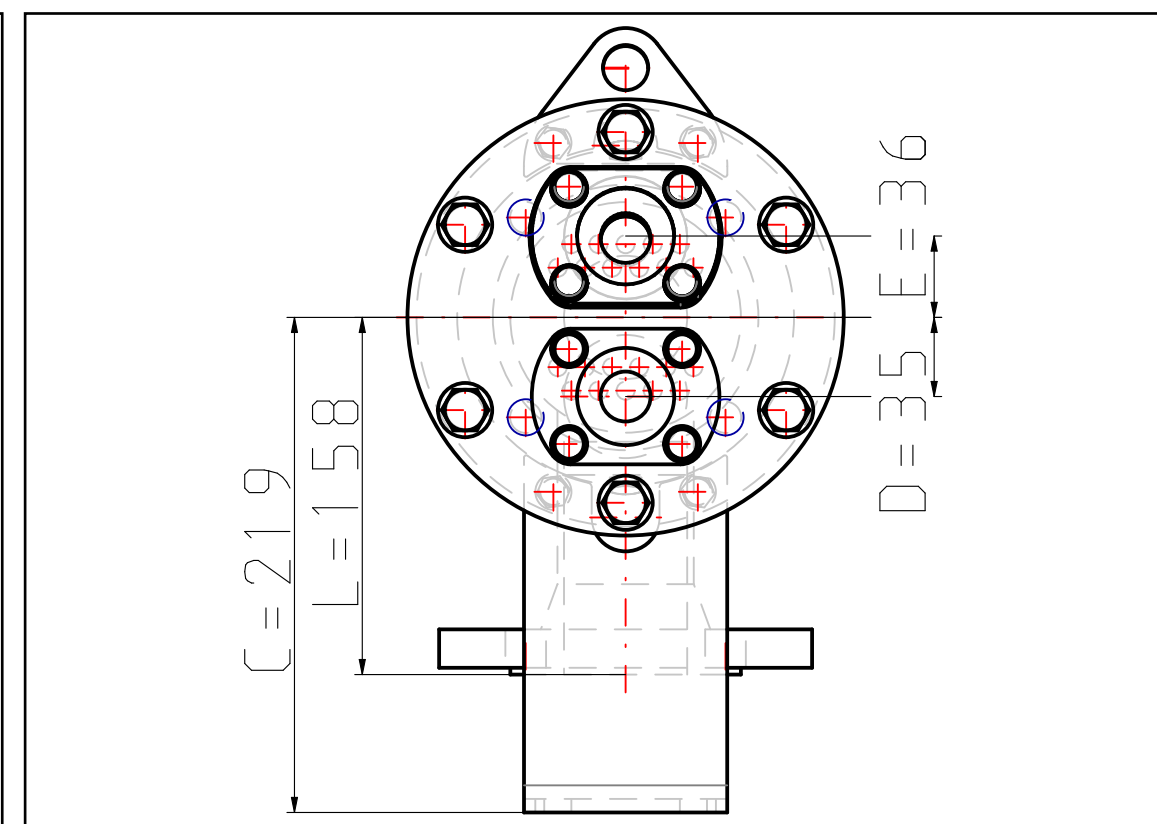
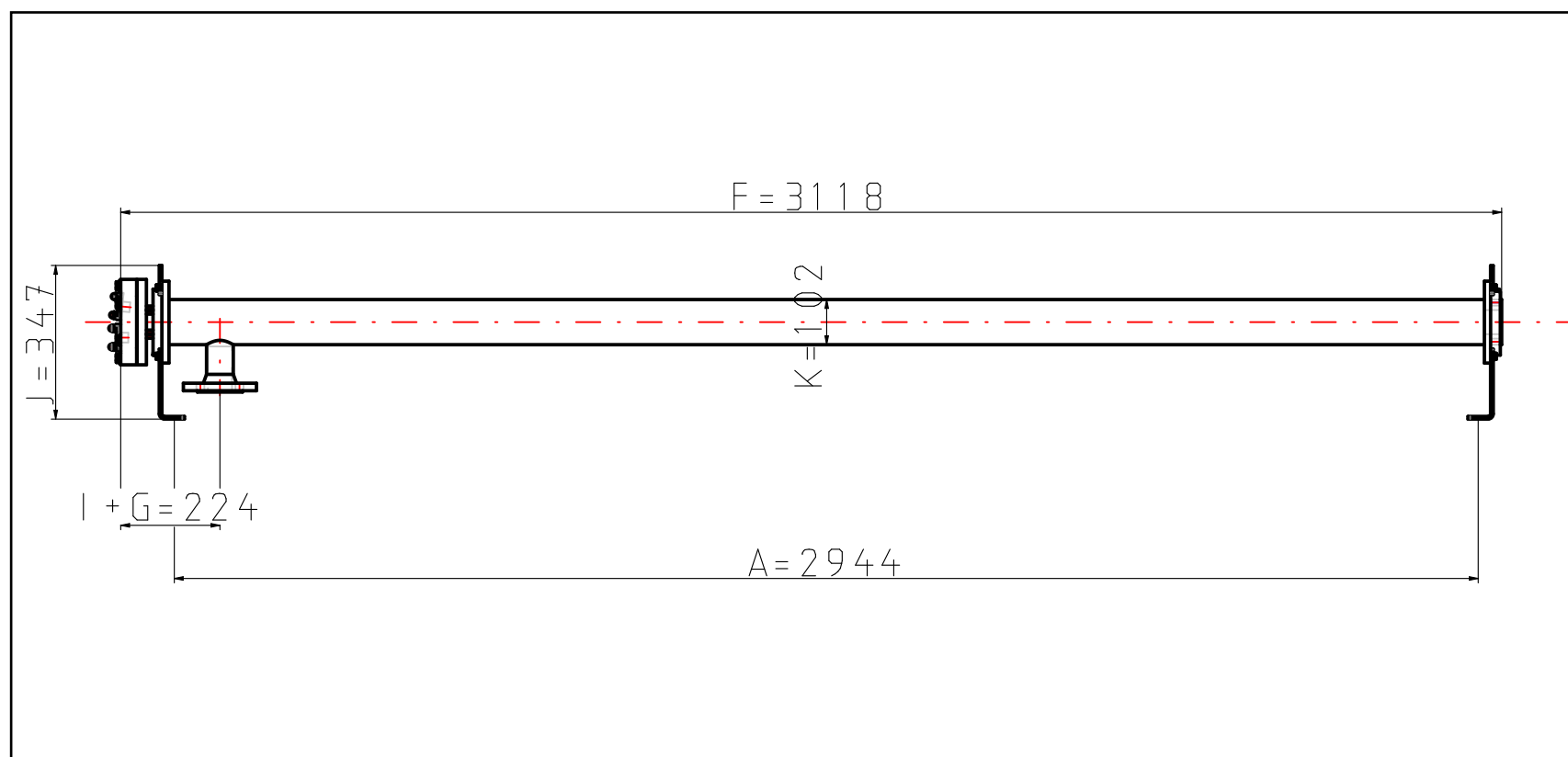


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Pharma-line S Double Tube Sheet Shell & Tube Heat Exchanger



Revision No	Date	Rev. used	Checked	Appr.
	-	-	-	-
Replaces drawing No	Revision			
	Rev No	-		

Item No	9615012509
Model name	Pharma-line S 3-1.6
Product connection size	NAC plate for Tri-clamp ASME BPE 1"
Shell connection size	Flange DN50
Item description	Pharma-line S 3-1.6 0,5MP PED
Extra description	IN ASME BPE1" DIN2635DN50DN50
Volume shell side	16.1 l
Volume tube side	2.1 l
Weight empty	48 kg
Nozzles size Tube	ASME/OD 1"
Nozzle size flange	DIN2635/EN1092 DN 50
A (Distance)	2944 mm
B (Diameter)	193 mm
C (Height)	219 mm
D (Distance)	35 mm
E (Distance)	36 mm
F (Length)	3118 mm
G (Distance)	121 mm
I (Distance)	103 mm
J (Height)	347 mm
L (Height)	158 mm
K (Diameter)	102 mm
Pressure vessel code	PED (directive 97/23/EC)
Design pressure / Shell side	-1/10 bar (g)
Design temperature / Shell side	-10/150 °C
Material / Shell side	SS 304/304L
Material / Media side (tube)	SS316L
Connection standard & size / Shell side	Flange: DIN2635/EN1092-1
Connection standard & size / Media side (tube)	NAC plate for Tri-clamp
Surface finish	Ra < 0,5µm MP on product wetted parts
Insulation	-

Qty	Pos	Item No	Description	Material	Weight (kg)
Edges broken to 0,4x45° or R0,5 Burrs removed		A3	Size	12/07/2016 06:45	Date
		MM	All Dimm. in	AL CAD Portal	Drawn by
			Title		Dept.
					Checked by
					Appr. by
					Std. Checked
					Prod. Checked
Special requirements					
			First angle projection 150 method E		
					Complementary document No.
		<h1>9615012509</h1>			DRG No.
		1 OF 1			