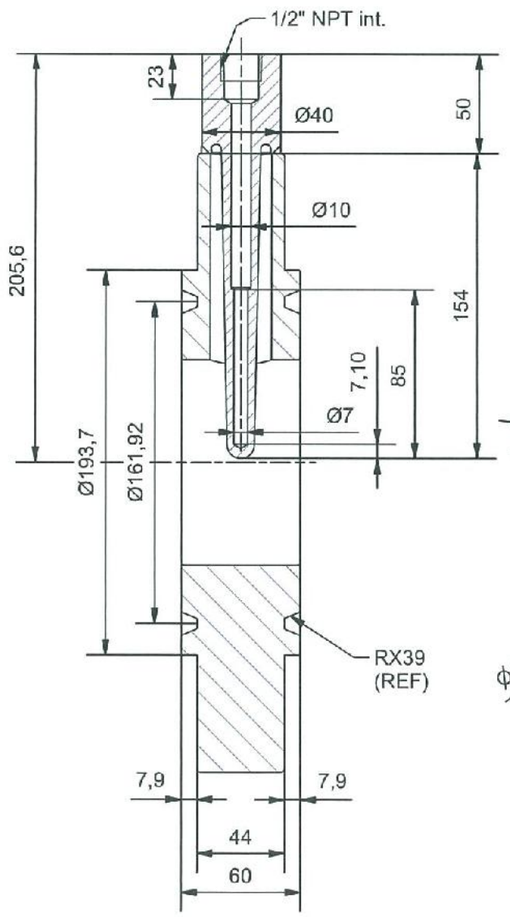
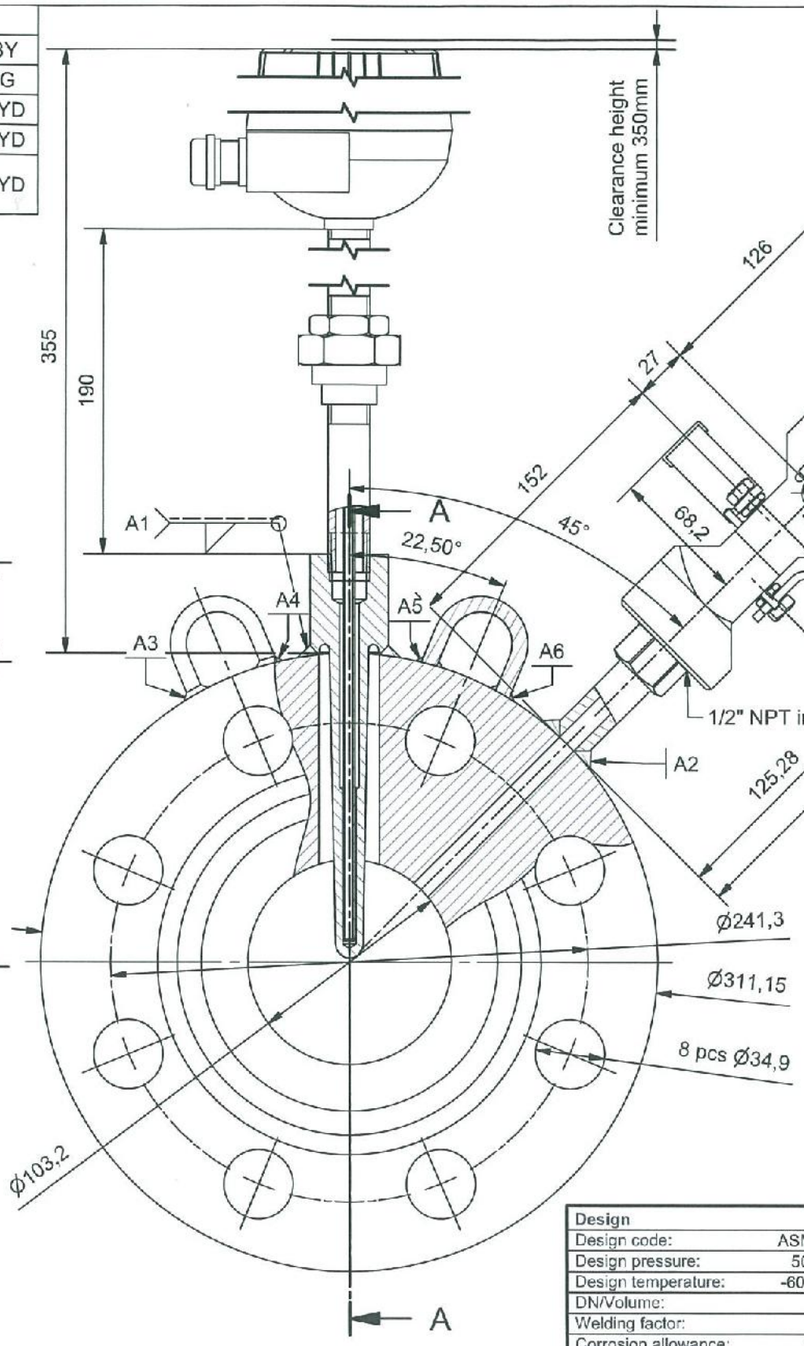
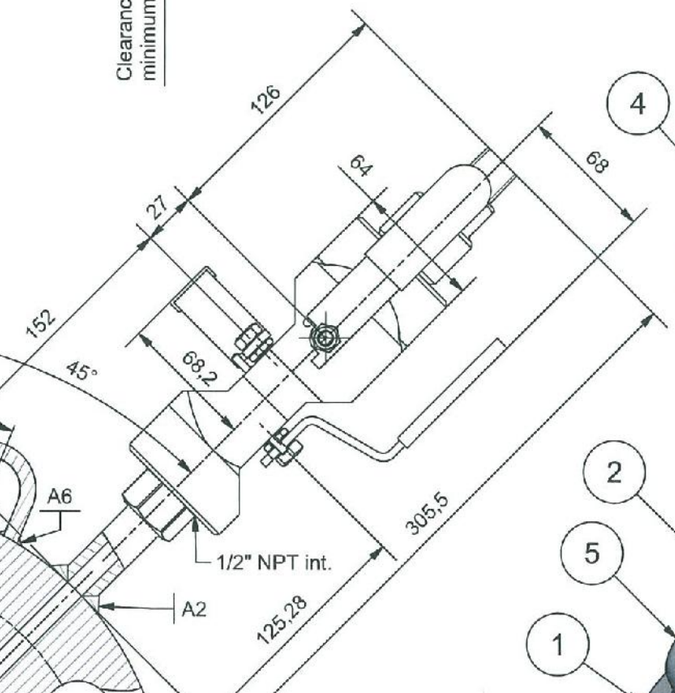
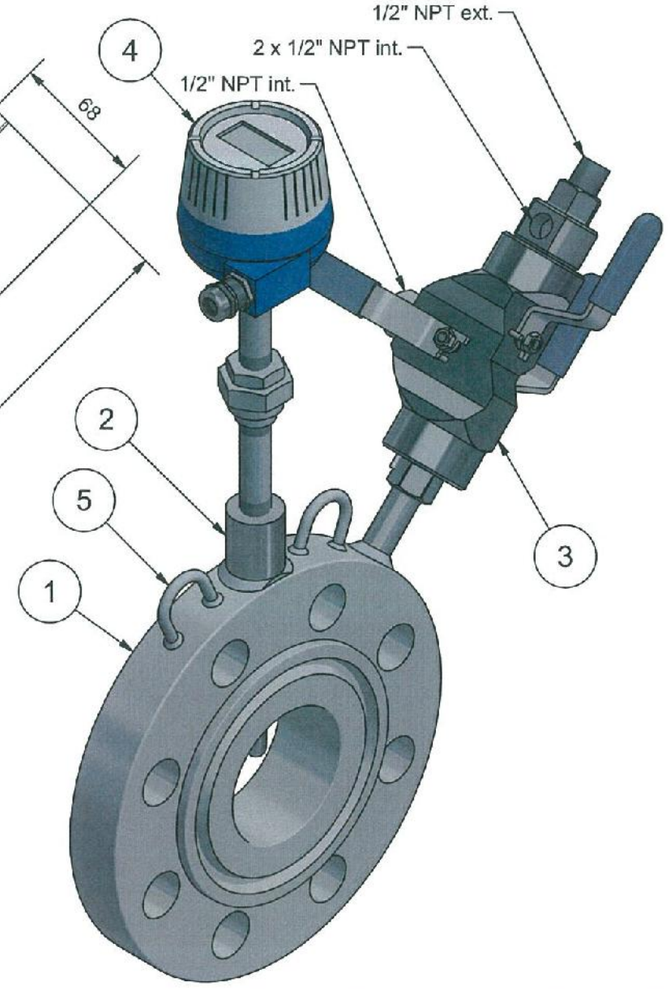
REVISION HISTORY			
REV	DESCRIPTION	DATE	BY
1	tripple oulet feature added to valve	29-01-2019	IG
2	DWG updated according to customers comments	18-02-2019	AYD
3	DWG updated according to customers comments	26-02-2019	AYD
4	Top of thermowell changed from 45mm to 50mm and dim added according to customers comments	14-03-2019	AYD

Imperial VALVE
INSTRUMENTATION & PIPING VALVES









* Tag No.	* Serial No.
200-21-TT-01000G	3013270-1
200-21-TT-01000O	3012270-2

Parts List					
ITEM	QTY	PART	MATERIAL	DWG/ PART NO.	HEAT NO.
1	1	Adaptor flange	Hastelloy C22	11-33-0501	
2	1	Thermowell	ASTM A182 F51	11-33-0502	
3	1	DBB Valve	ASTM A182 F51	07-09-3450	
4	1	Temperature element/Transmitter	PT100	85TR66	
5	2	Lifting lug	A479 Gr. S31254	11-33-0505	

Design		Welding			Drawing	
Design code:	ASME B31.3	Welding proc.: PED app. I 3.1.2 + EN 15614-1			All dimension in mm	
Design pressure:	5000 PSI	Welder qual.: PED app. I 3.1.2 + EN 287-1			**Connections**	
Design temperature:	-60 to 121°C	**Post weld heat treatment - PWHT**			Main tube:	RTJ 4 1/16", 5000 API
DN/Volume:	-	According to EN/ISO 17663			Valve Manifold	IEC 61518/A
Welding factor:	0.85	Heating rate:	-		**Pressure test**	
Corrosion allowance:	0 mm	Holding temp.:	-		Performed by:	Emco
Pressure Equipment Directive-PED 97/23/EC		Cooling rate:	-		Holding time @ pressure:	10 min. @ 517,5 barg
Module:	-	**WPS and NDT No.**			Test media:	Water
Category:	-	Symbol	WPS No.:	NDT No.:	**Non destructive testing**	
Fluid group:	-	A	TBC	2 + 3	Test group according to:	0
Year of construction:	2019	B	-	-	NDT operator: EN 473 + PED app. I 3.1.3	
Material cert. acc. to EN 10204 3.1		C	-	-	NDT No., scope, extend and standard:	
Surface treatment		D	-	-	1 RT 0% -	
Spec. 1000-S-90-38-S-6010-00 REV 06		E	-	-	2 PT 100% - EN 23277 cl. 1	
SYS 15 Colour Ral 9002		F	-	-	3 VT 100% - EN 5817 cl. B	

Scale	Size		Date	Sign.
1:4	A3	Draw.	26-02-2019	AYD
Weight:		Check		

Thermowell Flange Assembly

Customer:
Project:

Gen. tolerances: ISO 2768 m
Drawing No.: 11-33-0500-4
Order No.: