



TABLE 1.

FLANGE SIZE DN / ANSI	ANTENNA SIZE $\varnothing D$ (MAX)	ANTENNA SIZE (mm) L	ANTENNA PLATE OD \varnothing (mm)
80 / 3"	70	95	$\varnothing 130$
100 / 4"	93	150	$\varnothing 154$
150 / 6"	141	260	$\varnothing 215$
200 / 8"	189	375	$\varnothing 285$
250 / 10"	189	375	$\varnothing 324$

- ③ NOZZLE HEIGHT: FOR BEST MEASUREMENT PERFORMANCE IT IS RECOMMENDED THAT ANTENNA TIP ENDS OUTSIDE THE NOZZLE (CONE L-20mm). MAX NOZZLE HEIGHT IS CONE L+150mm (PERFORMANCE MAY BE REDUCED)
- ② PRESSURE AND TEMP RATING: FOR PRESSURE APPLICATIONS, CALCULATION OF FLANGE THICKNESS HAS TO BE DONE WITH RESPECT TO FLANGE MATERIAL, GASKET TYPE AND BOLTING. MAX ALLOWABLE RATING FOR ANTENNA TANK SEAL ARE DEPENDING ON THE SEAL TYPE AND O-RING SELECTION.
- ① RECOMMENDED INSTALLATION DISTANCE FROM TANK WALL TO RADAR GAUGE IS 600 mm. INSTALLATION CLOSER TO THE TANK WALL MAY REDUCE PERFORMANCE.

POS	ITEM DESCRIPTION	QTY	REMARK	SUPPLIER
05	GASKET	1	SEE NOTE 2.	CUSTOMER
04	ANTENNA PLATE	1	DIMENSIONS, SEE TABLE 1.	SR/RMT
03	BOLTING	1	ACC TO FLANGE STD	CUSTOMER
02	FLANGE WITH CENTRE HOLE $\varnothing 34 \pm 0.3$ mm. THICKNESS: Max 42mm	1	FLANGE DIMENSIONS ACC TO: EN1092-1, DN80-DN250, ANSI B16.5, 3"-10" P/T RATING, SEE NOTE 2	CUSTOMER
01	TANK FLANGE	1		

ISSUED BY				FILE				INSTALLATION DRAWING TITLE			
GU-HF				PRO/5600 IDEAS/ACAD				MECHANICAL INSTALLATION DWG PRO/5600, CONE ANTENNA			
APPROVED BY		WEEK		ORIGINAL DWG NO.		SCALE					
GST-TK		0307		9150074-911		-					
SAAB ROSEMOUNT				1 BT ANGLE		DOC TYPE		DWG NO.		ISSUE SHEET	
				2		9150074-911		5		1/1	

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