



TABLE 1.

FLANGE SIZE DN / ANSI	ANTENNA SIZE ØD(MAX)	ANTENNA SIZE L (mm)	ANTENNA PLATE ODØ (mm)
80 / 3"	70	95	Ø130
100 / 4"	93	150	Ø154
150 / 6"	141	260	Ø215
200 / 8"	189	375	Ø265
250 / 10"	189	375	Ø324

- 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)
- 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.
- RECOMMENDED INSTALLATION DISTANCE FROM TANK WALL TO RADAR GAUGE IS 600 mm. INSTALLATION CLOSER TO THE TANK WALL MAY REDUCE PERFORMANCE.

05	GASKET	1	SEE NOTE 2.	CUSTOMER
04	ANTENNA PLATE	1	DIMENSIONS, SEE TABLE 1.	RTR
03	BOLTING	1	ACC TO FLANGE STD	CUSTOMER
02	FLANGE WITH CENTRE HOLE Ø34±0.3mm. THICKNESS: Max 42mm	1	FLANGE DIMENSIONS ACC TO: EN1092-1, DN80-DN250, ANSI B16.5, 3"-10"	CUSTOMER
01	TANK FLANGE	1	P/1 RATING, SEE NOTE 2	CUSTOMER
POS	ITEM DESCRIPTION	QTY	REMARK	SUPPLIER
ISSUED BY: WEEK: 9725 PRODUCT CODE: FILE: IDEAS/ACAD				
APPROVED BY: WEEK: 9725 PRO/5600 SCALE: MECHANICAL INSTALLATION DWG				
GU-MK: 9740 ORIGINAL Dwg NO: 9150074-911 PRO/5600, CONE ANTENNA				

ROSEMOUNT 1 ST ANGLE

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