



TABLE 1.

FLANGE SIZE DN / ANSI	ANTENNA SIZE øD(MAX)	L
100 / 4"	93	130
150 / 6"	141	240
200 / 8"	189	355
250 / 10"	238	470

- ④ INJECTION NOZZLES FOR CLEANING/COOLING: 4 NOZZLES FOR INSIDE ANTENNA AND 4 NOZZLES FOR OUTSIDE ANTENNA. THE OUTSIDE NOZZLES ARE PLUGGED BUT CAN BE OPENED BY REMOVING THE SCREWS M12x12.
- 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: CALCULATION OF FLANGE RATING HAS BEEN DONE WITH SOFT GASKET ACC TO DIN 2690 It-TYPE OR B16.5 GROUP 1a, WITH MINIMUM THICKNESS OF 1.5mm. MAX ALLOWABLE RATING FOR ANTENNA TANK SEAL ARE DEPENDING ON FLANGE, SEAL TYPE AND O-RING SELECTION (MAX 10BAR/145PSI).
- ① RECOMMENDED INSTALLATION DISTANCE FROM TANK WALL TO RADAR GAUGE IS 600 mm. INSTALLATION CLOSER TO TANK WALL MAY REDUCE PERFORMANCE.

POS	ITEM DESCRIPTION	QTY	REMARK	SUPPLIER
04	GASKET	1	SEE NOTE 2.	CUSTOMER
03	BOLTING	1	ACC TO FLANGE STD	CUSTOMER
02	FLANGE WITH ANTENNA	1	FLANGE DIMENSIONS ACC TO DIN 2527, DN100-250 PN16 ANSI B16.5 4"-10" CLASS 150 P/T RATING, SEE NOTE 2	RTR
01	TANK FLANGE	1		CUSTOMER

ISSUED BY GU-MS	WEEK 0049	PRODUCT CODE PRO/5600	FILE IDEAS/ACAD	INSTALLATION DRAWING TITLE	
APPROVED BY GU-CK	WEEK 0049	ORIGINAL DWG NO. 9150074-945	SCALE -	MECHANICAL INSTALLATION DWG PRO/5600, CONE A. W. PURGING	
<b>ROSEMOUNT</b>			1 ST ANGLE	DOC TYPE 2	DWG NO. 9150074-945
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