



TABLE 1.

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

- 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.
- 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: CALCULATION OF FLANGE RATING HAS BEEN DONE WITH SOFT GASKET ACC TO DIN 2690 1t-TYPE OR B16.5 GROUP 1g, 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).
- 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	CUSTOMER
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  
 APPROVED BY: GU-CK  
 WEEK: 0049  
 ORIGINAL DWG NO.: 9150074-945

PRODUCT CODE: PRO/5600  
 IDEAS/ACAD  
 SCALE: -

MECHANICAL INSTALLATION DWG  
 PRO/5600, CONE A. W. PURGING

1 ST ANGLE  
 DOC TYPE: 2  
 DWG NO.: 9150074-945  
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