



TABLE 1.

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

- ① ANTENNA AND 4 NOZZLES FOR CLEANING/COOLING. 4 NOZZLES FOR INSIDE CAN BE DISCONNECTED (PLUG NOZZLE HOLES WITH SET SCREWS M12x12)
- ② 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)
- ③ PRESSURE AND TEMP RATING: CALCULATION OF FLANGE RATING HAS BEEN DONE WITH SOFT GASKET ACC TO DIN 2890 II-TYPE OR MAX ALLOWABLE RATING FOR ANTENNA TANK SEAL ARE DEPENDING ON FLANGE, SEAL TYPE AND O-RING SELECTION (MAX 10BAR/145PSI).
- ④ RECOMMENDED INSTALLATION DISTANCE FROM TANK WALL TO RADAR GAUGE IS 600 mm. INSTALLATION CLOSER TO TANK WALL MAY REDUCE PERFORMANCE.

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 B16.3 4"-10" CLASS 150 P/T RATING, SEE NOTE 2	SR/RMT
01	TANK FLANGE	1		CUSTOMER
POS ITEM DESCRIPTION		QTY	REMARK	SUPPLIER
ISSUED BY	WEEK	PROJ/5600	FILE	INSTALLATION DRAWING TITLE
GU-HF	0307	PRD/5600	IDEAS/ACAD	MECHANICAL INSTALLATION DWG
APPROVED BY	WEEK	PROJ/5600	SCALE	PRO/5600, CLEANING DEVICE
GST-TK	0307	9150074-945	-	
ORIGINAL DWG NO.		9150074-945		

SAAB ROSEMOUNT

1 ST ANGLE

DOC TYPE 2 DWG NO. 9150074-945

ISSUE 2 SHEET 1/1

THE COPYRIGHT/OWNERSHIP OF THIS DOCUMENT IS AND WILL REMAIN OURS. THE DOCUMENT MUST NOT BE USED WITHOUT OUR AUTHORIZATION OR INCLINED TO THE KNOWLEDGE OF A THIRD PARTY. CONTRIBUTION WILL BE PRESERVED. SAAB MARINE ELECTRONICS AB.

NSI DWG. A3 2001-09-28