



PETROSEAL

REFERENCE DOCUMENTS :- CODAP - ROARK -

DATE :

ORDER N° :

REF.CUSTOMER :

CALCULATION FOR FLANGES CLAMP

CUSTOMER
LOCATION
AREA / PLANT
CONTACT

APPARATUS

FLANGES ø 1673 mm

FLUID
WORKING PRESSURE
MAXI ON LINE PRESSURE
CALCULATION PRESSURE
CALCULATION TEMPERATURE

STEAM
8,7 BAR
8,7 BAR
10,005 BAR
270 °C

MATERIAL DESIGNATION	MATERIAL STANDARD	ELASTIC LIMIT	BREAKING LIMIT	ACCEPTABLE STRESS
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CARBON STEEL P 265 GH ³	EN 10028-2	Re à t° 147 MPa	R 400 MPa	(Re / 1,6) 91,88 MPa
ALLOYED STEEL B7	ASTM 193	Re 720 MPa	R 860 MPa	(R / 5) 172,00 MPa

MATERIAL FOR CLAMP
MATERIAL FOR STUDS

HEAD OF CALCULATION DEPARTMENT :

CALCULATION DONE BY :

VISA

CHECK / VISA :

VISA