CÁLCULO DE FONDOS TORISFÉRICOS

Datos de partida:

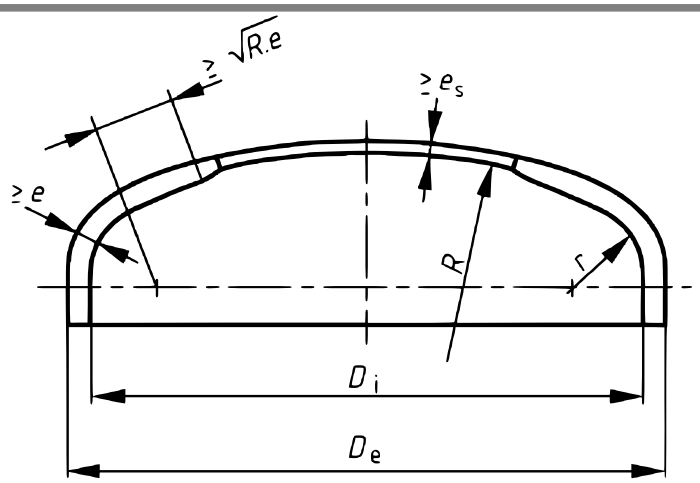
Tipo de fondo:	Diámetro exterior:
Material:	Presión de diseño:

Cálculo:

$P=$ $\quad R_{\rho 0,2/t}=$

$R=$ $\quad R_{m/20}=$ $\quad f_d = minimo\left(\frac{R_{p0,2/t}}{1,5}; \frac{R_{m/20}}{2,4}\right)=$

$r=$ $\quad z=$



$$e_s=\frac{P\cdot R}{2\cdot f\cdot z-0,5\cdot P}=$$

$$e_y=\frac{\beta\cdot P\cdot(0,75\cdot R+0,2\cdot D_i)}{f}=$$

$\beta=$

$$f_b=\frac{R_{p0,2/t}}{1,5}=$$

$$e_b=(0,75\cdot R+0,2\cdot D_i)\cdot\left[\frac{P}{111*f_b}\cdot\left(\frac{D_i}{r}\right)^{0,825}\right]^{\frac{1}{1,5}}=$$

$e=$ $\quad D_i=$

$$h_i=R-\sqrt{(R-\frac{D_i}{2})\cdot(R+\frac{D_i}{2}-2\cdot r)}=$$

$$P_s=\frac{2\cdot f\cdot z\cdot e}{R+0,5\cdot e}=$$

$$P_y=\frac{f\cdot e}{\beta\cdot(0,75\cdot R+0,2\cdot D_i)}=$$

$$P_b=111\cdot f_b\cdot\left(\frac{e}{0,75\cdot R+0,2\cdot D}\right)^{1,5}*\left(\frac{r}{D_i}\right)^{0,825}=$$

$$P_{máx}=$$