

AMORTISATION OF CONTAINMENT SHELL COSTS

Magnetic coupling with metal containment shell

Basis: 8,000 h per year

	n=1,500	n=3,000
Revolutions per minute		
Power loss in kWh	21,639	1,092,020
Cost loss in Euro (12 ct/kWh)	2,597	13,104
Cost loss in Euro (15 ct/kWh)	3,246	16,380
Cost loss in Euro (18 ct/kWh)	3,895	19,656
CO ₂ reduction in kg	13,416	67,705

Ceramic containment shell F725-55183-3

Material	Zirconium oxide FZM
Dimensions in mm (D x d x L)	183.5 x 162.5 x 171
Containment shell investment costs in Euro	1,600

Cost loss due to eddy current loss

