

Plane sheet: $S_m = V_m/r.$ $j_o = \frac{nr}{TV_m}$

Cylinders: $S_m = 2V_m/r.$ $j_o = \frac{nr}{2TV_m}$

Spheres: $S_m = 3V_m/r.$ $j_o = \frac{nr}{3TV_m}$

Table 1. Constants and functions in Eq. [6]

Shape	a	b	C(αz)	g(α)	α ₁	α ₂	α ₃
Plane sheet	1	1/6	cos αz/cos α	sin α	π	2π	3π
Cylinders	2	1/4	J ₀ (αz)/J ₀ (α)	J ₁ (α)	3.8317	7.0156	10.1735
Spheres	3	3/10	sin αz/sin α	α cot α - 1	4.4934	7.7253	10.9041

J₀ and J₁ are Bessel functions of first kind of order zero and 1.