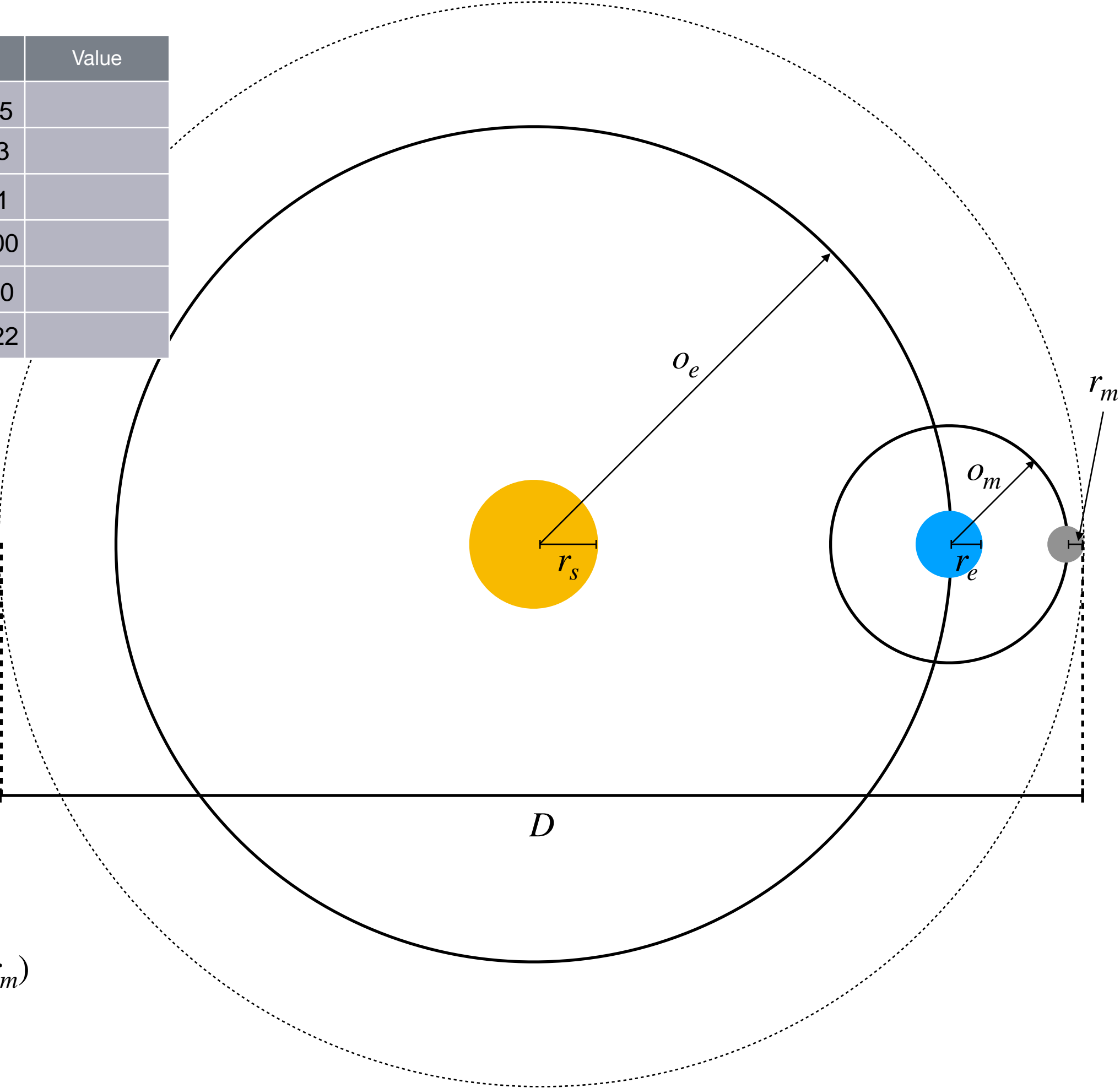


Parameter	Symbol	Value
Sun's Radius	r_s 25	
Earth's Radius	r_e 3	
Moon's Radius	r_m 1	
Earth's Orbit	O_e 100	
Moon's Orbit	O_m 10	
Overall Diameter	D 222	



$$\begin{aligned} D &= 2(O_e + O_m + r_m) \\ &= 2(100 + 10 + 1) \\ &= \mathbf{222} \end{aligned}$$