Minimum Height of Release

Can you now predict the minimum height h_{min} from which the ball needs to be released, so that it completes the loop without losing contact?

a.)
$$0.5(R-r)$$
 b.) $(R-r)$ c.) $1.5(R-r)$

b.)
$$(R-r)$$

c.)
$$1.5(R-r)$$

d.)
$$2(R-r)$$

d.)
$$2(R-r)$$
 e.) $2.5(R-r)$