Electric dipole inside a spherical surface. An electric dipole with a moment p = Qd ($Q > 0$) is located at the center of a sphere of radius r, where $r \gg d$, in free space. If p is doubled in magnitude, the outward flux of the electric field intensity vector through the surface of the sphere

(A) increases.
(B) decreases.
(C) remains the same.
(D) Need more information.

Solution: (C)
Answer: (C)