

TIMOTHY-JACOB MARVELOUS MUYEN
18/ENG021094
COMPUTER ENGR.
ENGINEERING DRAWING

Cam Specification:

plate cam, rotating anticlockwise, point follower
Least radius of cam, 80 mm. Camshaft
diameter, 20 mm.

0-90°, follower rises 20 mm with uniform velocity
90-150°, follower rises 80 mm with simple
harmonic motion.

150-210°, dwell period.

210-270°, follower falls 20 mm with uniform
acceleration.

270-360°, follower falls 80 mm with uniform
retardation.

50 40 30 20 10

Cam graph