

Four cylinder in-line engine

4-stroke engine

$n = 6500$ 1/min

Full load

Stroke bore ratio: 1.1

Relative eccentricity ε

$$\varepsilon = \frac{2e}{D - d}$$

e = Distance between centers of the bearing and shaft

D = Bearing diameter

d = Shaft diameter

$\varepsilon = 0$ Central shaft position

$\varepsilon = 1$ Contact of shaft and bearing

