

# F.B.D 1

$$F_1 = \underline{200\text{ N}}$$

moving rack ←



$$T = 200 \times 1 = \underline{200\text{ N.m}}$$

# F.B.D 2

$$r = 1$$



$$F_2 = \frac{T}{r} = \frac{200}{1} = \underline{200\text{ N}}$$

200 N ↓  
Movable Rack



Fixed rack

200 N

