

CALCULATION

INPUT DATA

Cross Section: 200
Spring type: Helical
Load level: Heavy

Rod or Piston: Rod

Dynamic Surface Diameter: 0.250 inches

System Pressure: 3 psi

ESTIMATED RESULTS

Sliding Force due to Spring: 2.538 lbs

Sliding Force due to Pressure: 0.021 lbs

Total Sliding Force 2.559 lbs

Torque 0.035 Newton meter

Back Pressure Ability 362.518 psi

The above are estimated friction/
torque values for seal part number:

Actual friction/torque values can
only be determined through testing.
Values may change due to operating
conditions, machining techniques
and measuring devices.

RVECNB202-Z80EH