

▶ RACK & PINION APPLICATION DATA



Directions

- Use this form for data to size pinions and specify rack.
- Enter all required data as indicated with an asterisk (*)
- Under “Notes” include any additional information about the application
- Send to GAM at insidesales@gamweb.com

Sold & Serviced By:



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Contact Information

Company Name*

Address*

Contact Name*

Phone*

Email*

Sales Rep Name

Application Data

| Rack ISO Quality | Q6 | Q10 | Rack Length | m | Module |
|------------------|----|-----|-------------|---|--------|
|------------------|----|-----|-------------|---|--------|

Maximum Motor Speed (rpm) ..

Overload Factor (K_a)*

Nominal Motor Torque (Nm).....

Life Factor (K_L)*

Linear Speed (m/s)

Duty Cycle (% of time in use)

Feed Force (N)

Backlash (arcmin)

** Refer to page 15 of Rack & Pinion Catalog*

If Feed Force is unknown, provide this data:

Mass of carried load (kg)

Direction of movement Horizontal Vertical

Acceleration (m/s^2)

OR { Time (sec)

to travel Distance (mm)

Max application velocity (m/s)....

How is the load supported?

Additional Forces (such as drag or resistance)...

Notes