

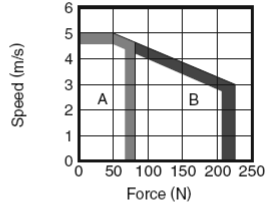
SGT1F31 and SGT1F41 Linear Slides

● Performance Curves

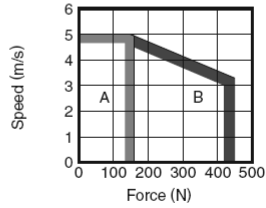
● Force - Speed

- A** : Continuous Duty Zone
- B** : Intermittent Duty Zone (Note)

(1) SGT1F31



(2) SGT1F41



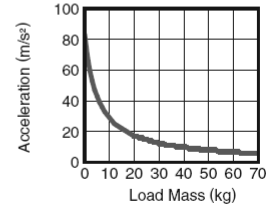
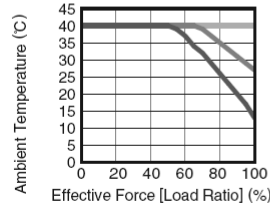
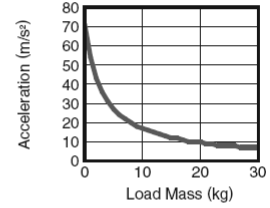
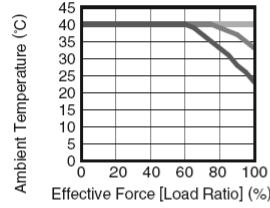
Note: When the effective force during intermittent duty is within the rated force, the servomotor can be used within the intermittent duty zone.

● Effective Force - Ambient Temperature ● Load Mass - Acceleration

When the sensor temperature is 50°C or less

Average speed (m/s) : 0 — 1 — 2 —

Note: Average speed = Total movement distance (m) / cycle time (s)



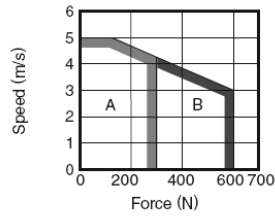
SGT1F91 and SGT1FA1 Linear Slides

● Performance Curves

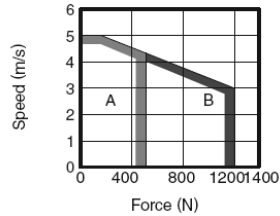
● Force - Speed

- A** : Continuous Duty Zone
- B** : Intermittent Duty Zone (Note)

(1) SGT1F91



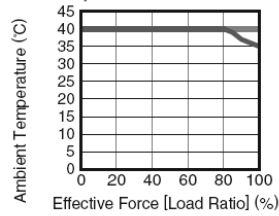
(2) SGT1FA1



Note: When the effective force during intermittent duty is within the rated force, the servomotor can be used within the intermittent duty zone.

● Effective Force - Ambient Temperature

When the sensor temperature is 50°C or less
 Average speed (m/s) : 0 — 1 — 2 —
 Note: Average speed = Total movement distance (m) / cycle time (s)



● Load Mass - Acceleration

