SCR Stage Notes

SCR050 Notes

Note 1: Repeatability +/- 2 counts at sub 0.1 µm resolutions
Note 2: For 10nm (0.01µm) resolution, max velocity of encoder is limited to 135mm/sec; for 50nm (0.05µm), the limit is 675mm/sec; and for 100nm (0.1µm), the limit is 1350mm/sec
Note 3: Please contact our Applications Engineers for loads exceeding 10kg

SCR075 Notes

Note 1: Standard stage specifications are based on the S080Q Linear Shaft Motor
Note 2: Repeatability +/- 2 counts at sub 0.1µm resolutions
Note 3: For 10nm (0.01µm) resolution, max velocity of encoder is limited to 135mm/sec; for 50nm (0.05µm), the limit is 675mm/sec; and for 100nm (0.1µm), the limit is 1350mm/sec
Note 4: Please contact our Applications Engineers for loads exceeding 45.5kg

SCR100 Notes

Note 1: Standard stage specifications are based on the S080Q Linear Shaft Motor
Note 2: Repeatability +/- 2 counts at sub 0.1µm resolutions
Note 3: For 10nm (0.01µm) resolution, max velocity of encoder is limited to 135mm/sec; for 50nm (0.05µm), the limit is 675mm/sec; and for 100nm (0.1µm), the limit is 1350mm/sec
Note 4: Please contact our Applications Engineers for loads exceeding 45.5kg

SCR150 Notes

Note 1: Standard stage specifications based on the S160D Linear Shaft Motor
Note 2: Travel/Stroke with S160D coil; when using S160T, stroke is 30mm shorter; when using S160Q, stroke is 60mm shorter
Note 3: Repeatability +/- 2 counts sub 0.1µm resolutions
Note 4: For 10nm (0.01µm) resolution, max velocity of encoder is limited to 135mm/sec; for 50nm (0.05µm), the limit is 675mm/sec; and for 100nm (0.1µm), the limit is 1350mm/sec
Note 5: Please contact our Applications Engineers for loads exceeding 45.5kg