

±225 deg

±225 deg 130 mm (100 mm)

±720 deg 1 kg

4 kg 0.39 sec

0.005 kg•m2 0.05 kg•m2

400 W

400 W

150 W

100 W

150 N

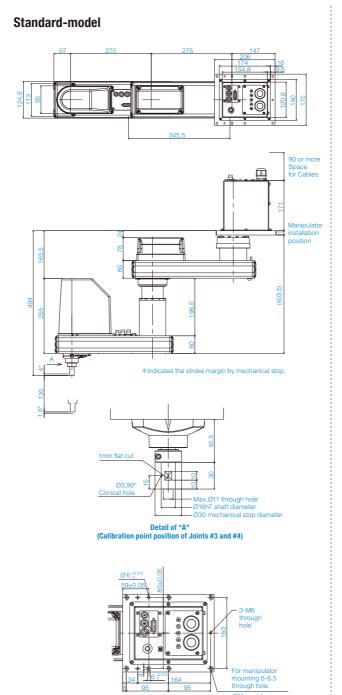
lome-return-less

15Pin (D-Sub)

Φ4mm×1 Φ6mm×2

andard/Cleamroom*3&ESD RC180, RC620

Outer Dimensions (Ceiling Mounting)



Reference through hole

(View from the top of the base)





Applicable Controller Safety standard CE compliant, ANSI/RIA15.06-1999 *1:Cycle time based on round-trip arch motion (300mm horizontal, 25mm vertical) with 1kg payload (path coordinates optimized for maximum speed).

*2:When payload center of gravity is aligned with Joint #4; if not aligned with Joint #4, set parameters using INERTIA command. *3:Complies with ISO Class 3 (ISO14644-1) and older Class 10 (less than 10 0.1µm particles per 28,317cm³:1cft) cleanroom standards.

Max. motion range

Standard cycle time*1

Motor power con

Joint #3 down force

Installation environment

Home

Joint #4 allowable moment of inertia*

Installed wire for customer use

Installed pneumatic tube for customer use

Payload

Joint #1

Joint #2 Joint #3

Rated Maximum

Rated

Maximu

Joint #1

Joint #2

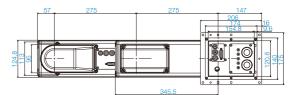
Joint #3

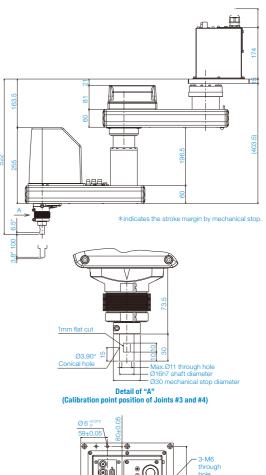
.loint #4

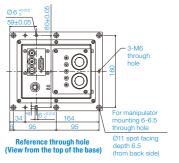
(Cleanroom mo Joint #4

mant [Unit: mm]

Cleanroom-model







RS4-551*
275
275
±225
±225

Robot controllers

System options