SCP*3

CMK2

CMA2

SCM

SCG

SCA₂

SCS2

CKV2

COVP/N2

SSD₂

SSG

SSD

CAT

MDC2

MVC

SMG

MSD/ MSDG

FC*

STK

SRL3

SRG3

SRM3

SRT3

MRL2

MRG2

SM-25

ShkAbs

FJ

FΚ

Spd Contr

Ending



Notes regarding design



Is it possible to stop the carrier midway?



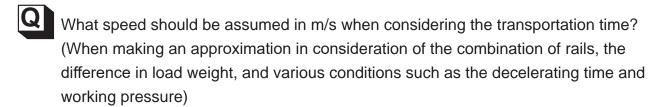
No, it is not.



What is the air consumption of SM-25?



Same as a standard cylinder with an inner diameter of ø25.





Estimate at a speed of 1 m/s.

(Example: With a stroke of 20 m, 20 m \div 1 m/s = 20 s; this time does not include workpiece loading time.)

Is the max. allowable load weight equivalent to the weight of the workpiece?



This is the total load weight that is mounted on the carrier. The hand-chuck and Z-axis cylinder weights are included as well.

SCP*3

CMK2

CMA2

SCM

SCG

SCA₂

SCS2

CKV2

CAV2/

COVP/N2 SSD2

SSG

SSD

CAT

MDC2

MVC

SMG MSD/

MSDG

FC*

STK

SRL3

SRG3

SRM3

SRT3

MRL2

MRG2

SM-25

ShkAbs

FJ

FK Spd

Contr

Ending

Notes regarding safety

Q

Is the safety cover necessary?



Yes, it is. Always install the cover as objects will be transported at high speeds overhead and may fall as they are air cylinders using a joint system.



What will happen if the carrier is not slowed down at the stroke end? (given speed of 0.5 m/s or above)



The shock absorber may be damaged. Always be sure to use a decelerating circuit such as a shock absorbing valve (SKH series).

Notes regarding maintenance



Is it possible to replace the carrier rollers?



Since specially designed tools are necessary, contact CKD as we perform overhauls for a fee.



Is it necessary to lubricate the carrier rollers?



Since it uses shielded metal bearings with urethane rubber, it can be used with no lubrication.



How can we adjust the stroke?



Adjustments of 10 mm forward and 10 mm backward may be made at the rail end. Refer to the instruction manual for details on how to make adjustments.

Notes regarding electric control



Is there a reed switch for detection of the carrier?



No such feature is available.

Prepare a proximity sensor, photoelectric sensor, or photo sensor.



How should the electrical signals of the actuator mounted on the carrier be handled?



This cannot be done as there are no parts available for supplying electricity to the reed switch, etc., for confirming operation.

CKD