

# MCE

MCE - 45 - 1003 - 150 - F - E20 - 0 - AB - AU - AA - AB - AA

**Series:**  
MCE

**Size:**  
- 25  
- 32  
- 45

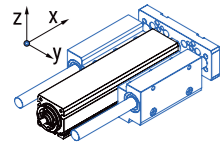
**Ball screw size:**  
- MCE 25:  $\varnothing 6 \times 2, \varnothing 6 \times 6$   
- MCE 32:  $\varnothing 8 \times 2, \varnothing 8 \times 8$   
- MCE 45:  $\varnothing 10 \times 3, \varnothing 10 \times 10$

**Absolute stroke [mm]:**  
(Absolute stroke = Effective stroke + 2 × Safety stroke)  
- 25, 50, 75, 100, 125, 150, 175, 200

**Option 1:**  
- Leave blank: Standard (male thread)  
- F: Female thread

**Option 2:**  
- Leave blank: Without  
- Extended piston rod E [mm]  
(Max. extended piston rod: Emax = 100 mm)

**Guiding unit:**  
- 0: Without a guiding unit  
- B: With a guiding unit GUC (ball bushes)



Guiding unit GUC requires a female thread on the piston rod end (Option 1 F).

**Motor type and size:**  
- Leave blank: Without a motor

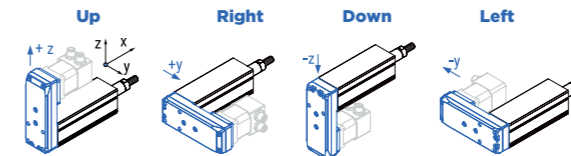
**Motor type:**  
- A: Stepper motor without a brake  
- B: Stepper motor with a brake

**Motor size :**  
- A: 28 mm (Available soon)  
- B: 42 mm  
- C: 56 mm

**Available sizes:**  
- MSCE 25: 28  
- MSCE 32: 28, 42  
- MSCE 45: 42, 56

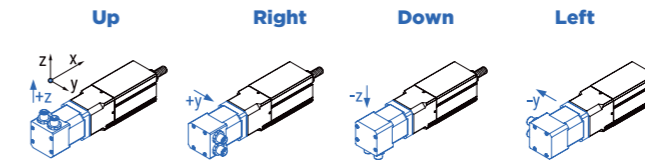
**Motor mounting option:**  
- Leave blank: Without a motor

**Mounting option:**  
- A: With a motor adapter VK  
- B: With a motor side drive MSD facing up  
- C: With a motor side drive MSD facing right  
- D: With a motor side drive MSD facing down  
- E: With a motor side drive MSD facing left

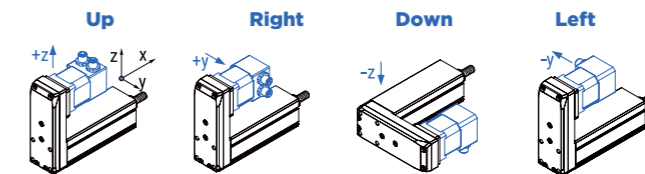


**Direction of the motor connectors:**  
- U: Connectors facing up  
- R: Connectors facing right  
- D: Connectors facing down  
- L: Connectors facing left

**In combination with a motor adapter VK**



**In combination with a motor side drive MSD**



If a guiding unit GUC is considered, the motor side drive MSD can only be facing in the up or down directions, otherwise, the motor and the guiding unit may collide!

When using the motor side drive MSD, the connectors can not be facing the MCE otherwise, the connectors and MCE may collide. These combinations are: BD, CL, DU and ER.

**Drive option:**  
- Leave blank: Without a motor or drive

**Drive type:**  
- A: Stepper

**Drive protocol/control:**  
- A: EtherCAT  
- B: Ethernet based communication  
- C: Pulse-direction control

**Drive-motor cables option:**  
- Leave blank: Without a motor or drive  
- 00: Without the cables

**Cables type:**  
- A: Robotic with a straight plug  
- B: Robotic with an angled plug

**Cables length:**  
- A: 3 m  
- B: 5 m  
- C: 10 m

**Power and signal cables:**  
- Leave blank: Without a motor or drive

**Power cable:**  
- 0: Without a power cable  
- A: With a power cable

**Signal cable:**  
- 0: Without a signal cable  
- A: With a signal cable

# MSCE

MSCE - 45 - 1003 - 150 - AB - AU - AA - AB - AA

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MSCE

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- 25  
- 32  
- 45

**Ball screw size:**  
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- 25, 50, 75, 100, 125, 150, 175, 200

**Motor type and size:**  
- Leave blank: Without a motor

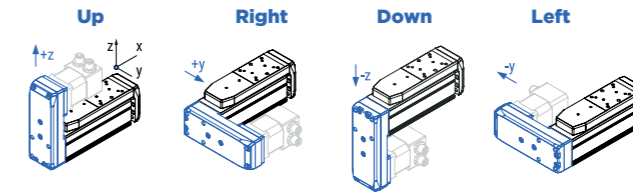
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- MSCE 45: 42, 56

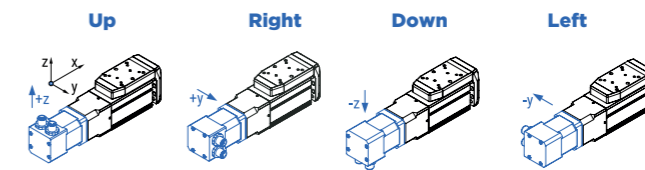
**Motor mounting option:**  
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**Mounting option:** A U  
- A: With a motor adapter VK  
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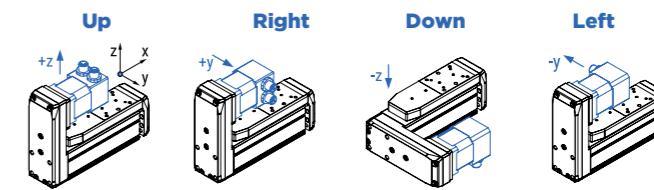


**Direction of the motor connectors:** U  
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**In combination with a motor adapter VK**



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- B: 5 m  
- C: 10 m

**Power and signal cables:**  
- Leave blank: Without a motor or drive

**Power cable:** A A  
- 0: Without a power cable  
- A: With a power cable

**Signal cable:**  
- 0: Without a signal cable  
- A: With a signal cable





# Guiding Unit

	GUC	- 32	- 125	- BB
<b>Guiding unit</b>				
<b>Size:</b> - 25 - 32 - 45				
<b>GUC stroke: absolute stroke + extendend piston rod E [mm]</b>				
<b>Option:</b> - BB: with the ball bushes				

GUC stroke: absolute stroke + extended piston rod E = max. 300 mm.  
For the guiding unit stroke over 300 mm, please contact us.

# Couplings

COUPLING - EKL5 - A - F5 - F6PFN

**Coupling**

**Coupling type/size:**

- 2
- 5

**Elastomer insert type:**

- A

**Hole diameter**

[mm]

**Option:**

- PFN: with the keyway
- Leave blank: without the keyway