

# Engineering Change Notification



DGC-...-KF/GF/FA-...-P/PPV

## Setting interface for End stop / Cushioning changes from hexagonal socket to external hexagon



### Engineering Change Notification

**Project No**  
243216

### Reason of change

**Project Title**  
DGC End stop change

Our Rodless Cylinder family DGC is an important product for the Festo Actuator portfolio. Therefore, we are constantly working on QCD issues to ensure that the DGC will stay a strong product also in the future. With this change we are aligning the mounting procedure with the shock absorber variants. Additionally we prevent quality issues because of the challenging manufacturing process of the hexagonal socket.

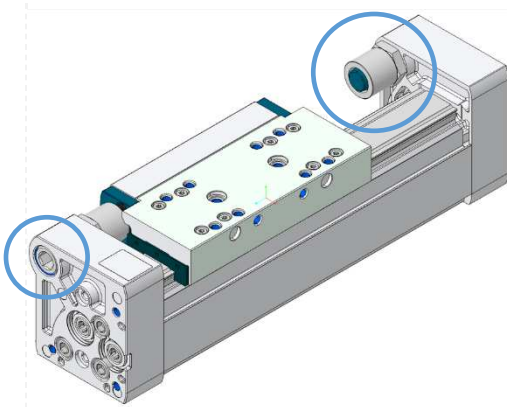
**Date**  
Feb 13th, 2023

### Technical changes

With this change the setting interface of the End stop / Cushioning changes from hexagonal socket to external hexagon.

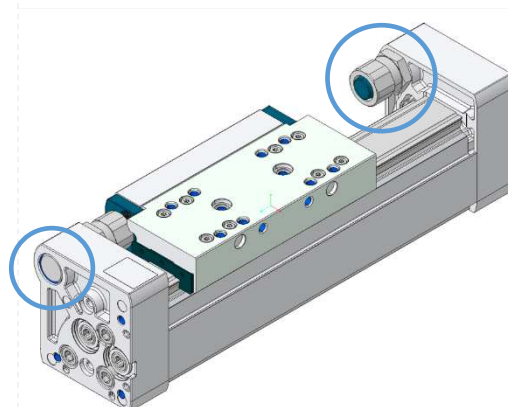
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#### Previous Version



Hexagonal socket  
for setting interface of end stop

#### Future Version



















External hexagon  
for setting interface of end stop

**Known technical implications**

- **Function**  
no known effect on the function, same performance
- **Environment**  
no known effect on the environment
- **Interfacing**  
change of customer interface of end stop, different tool (standard tool) required if the customer wants to adjust the end stop

**Engineering Change Notification**

**Affected products**

KMAT Nb	Description	Guiding Variant	Cushioning Variant	Old version	New version	Remarks
530906	Linear Drive DGC-8-...	G/KF/FA	P			-> External hexagon did already exist, additional hexagonal socket is not needed -> Same mounting style as for the oil shock absorbers (-YSR, -YSRW)
530907	Linear Drive DGC-12-...					
532446	Linear Drive DGC-18-...	GF/KF/FA	PPV P (for FA)			-> Hexagonal socket no longer exists -> New: External hexagon on sleeve (with removed edges to ensure distance to moving slide) -> Same mounting style as for the oil shock absorbers (-YSR, -YSRW)
532447	Linear Drive DGC-25-...					
532448	Linear Drive DGC-32-...					
532449	Linear Drive DGC-40-...					
532450	Linear Drive DGC-50-...					
532451	Linear Drive DGC-63-...					

**Project Nb**  
243216

**Project Title**  
DGC End stop change

**Date**  
Feb 13th, 2023

**Estimated transition date**

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According to our current project schedule, the change will be productive approximately

**2<sup>nd</sup> / 3<sup>rd</sup> Quarter 2023**

Please note that the transition date can vary due to the quantities in stock of the old variants for each size in the different plants.

**Release**

Esslingen – Germany, February 13<sup>th</sup>, 2023

	
Tom Unger, UGR 13.02.2023	Thomas Mall, TMA, 14.02.2023
Product Care	Corporate Quality