

### Installation information

Prior to installation and use, check if the identification number on the hydraulic damper or on the package corresponds to the number on the delivery sheet. Hydraulic Speed/Feed Controls are maintenance-free and ready-to-fit.

**Operating temperature range:** 0°C to 65°C

**Mounting:** In any position. Positive stop: provide a mechanical stop of 1 to 1.5 mm before the end of stroke in each direction.

**Adjustment:** Use the supplied allen key to release the safety screw, set the feed velocity on the adjuster. Feed velocities can be set separately in pull and push directions. The adjuster for the pull direction is placed at the piston rod side of the cylinder, and for the push direction at the cylinder end. After setting, secure the adjuster with the safety screw.

### WARNING

- The flap/mass can fall when installing the hydraulic damper. Secure flap/mass against falling when installing it.
- When maximum and minimum temperatures are lower or exceeded, the hydraulic damper may fail. It is imperative to keep the temperature range between 0°C and +65 °C.
- Ambient fluids, gases and dirt particles may affect or damage the sealing system and lead to failure of the shock absorber. Piston rods and sealing systems must be protected against foreign substances.
- Damage to the piston rod surface may destroy the sealing system. Do not grease, oil, etc. the piston rod and protect it from dirt particles.
- The piston rod can be torn from the hydraulic damper. Secure mechanical end stops in the direction of the pull.
- Jamming and lateral forces may lead to leakage of the precision hydraulic damper or to the blockage of the piston rod. Check the installation and provide suitable connecting parts and guide rails. Fastening parts must not be over-tightened, if necessary provide some space for tolerances.
- The outer body can distort. Do not allow transverse or lateral forces to act on the damper. Do not clamp the outer body.
- Connecting parts can detach themselves from the hydraulic damper. Always screw in all connecting parts fully and secure with locking agent (Loctite).
- High forces can compress or overstretch the hydraulic damper. Install mechanical end stops.

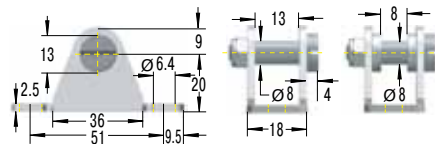
### Mounting Accessories M8x1,25

#### DVC-32

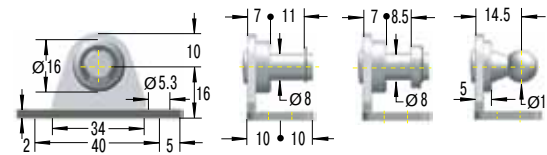
Check before you install whether the model labelling on the packaging corresponds to the appropriate description on the delivery note.

When you use the accessories please note the dimensions for mounting. Screws for mounting accessories are not supplied. Please contact our advice service with any queries free of charge: Telephone Number +49-(0)2173-9226-20.

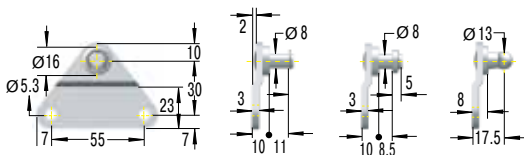
<sup>1</sup>max. force 1800 N



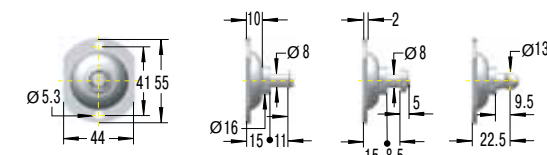
<sup>1</sup>max. force 1000 N



<sup>1</sup>max. force 1200 N



<sup>1</sup>max. force 1200 N



<sup>1</sup> Attention! Max. static load in Newtons. Beware force increase during compression (progression) and observe max. force limit.

### Disposal of packaging

Dispose of packaging in an environmentally safe manner. The recycling of packaging saves raw materials and lowers the amount of waste. The used packaging materials do not contain illegal substances.

### End Fitting

**A8**  
Eye  
max. force 3000 N

**Standard Dimensions**

Dimensions						
Type	Stroke mm	A max	B	L	Weight kg	
DVC-32-50EU-BB-P	50	-	-	240	0,345	
DVC-32-50EU-XX-P	50	250	75,2	-	0,345	
DVC-32-100EU-BB-P	100	-	-	340	0,415	
DVC-32-100EU-XX-P	100	350	124,4	-	0,415	
DVC-32-150EU-BB-P	150	-	-	440	0,480	
DVC-32-150EU-XX-P	150	450	173,6	-	0,480	

**B8**  
Stud Thread

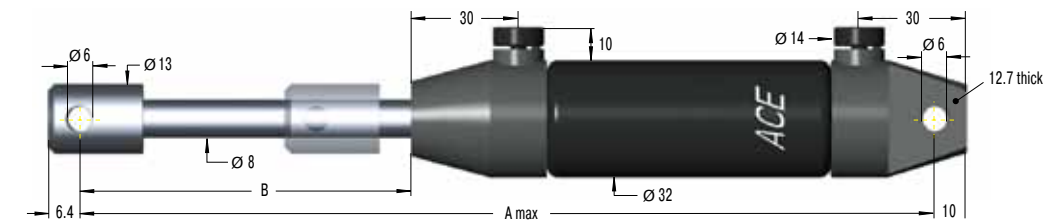
**C8**  
Angle Ball Joint  
max. force 1200 N

**D8**  
Clevis Fork  
max. force 3000 N

**E8**  
Swivel Eye  
max. force 3000 N

**D8**  
Clevis Fork  
max. force 3000 N

### Fixed End Fitting -XX



**EU Marking**  
Starting with the production date September 2010 (Code IB or 10244) all Hydraulic speed/feed controls are to be marked with an additional EU letter code in the identification number. The EU marking refers to the adherence to the required norms, laws, and guidelines of the EU. Only products marked with EU ensure the worldwide standard and the guarantee for liability.