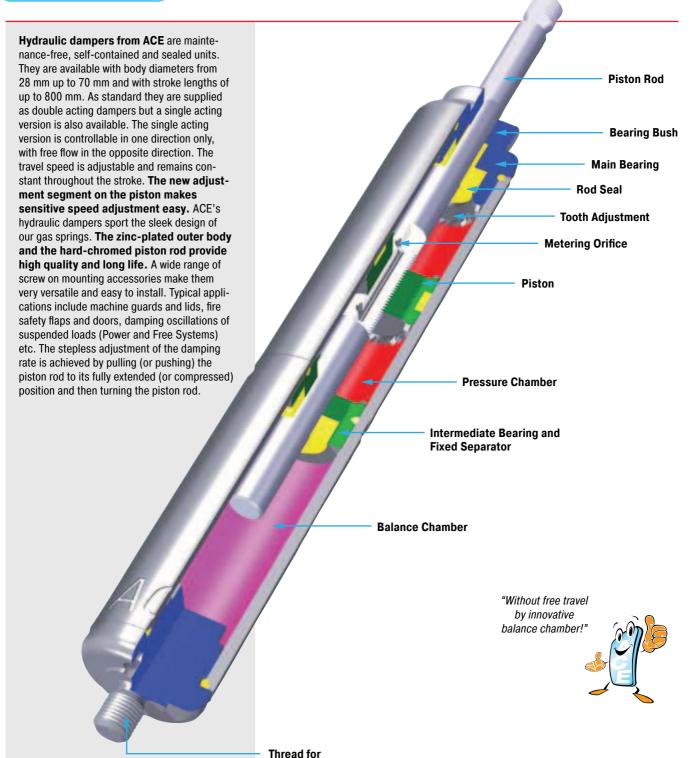
Without Free Travel



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ng e

Operating fluid: Hydraulic oil

Note: If unit has not moved for some time the seals may dry, causing an increased breakaway force on the initial angle.

initial cycle.

Mounting Accessories

Mounting: In any position. End fittings must be positively secured to prevent unscrewing.

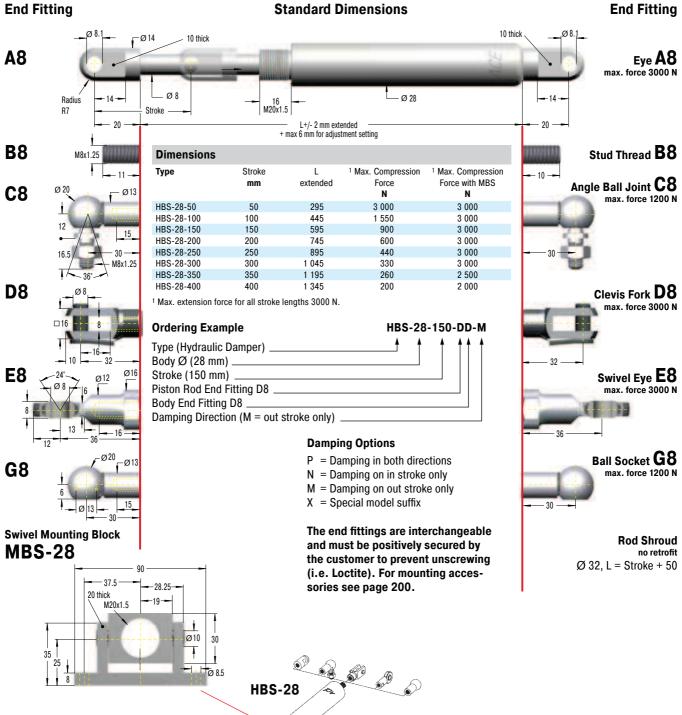
Operating temperature range: -20 °C to 80 °C

On request: Special lengths, alternative seals and end fittings.



Hydraulic Dampers HBS-28

Adjustable (Compression and Extension Forces 30 N to 3000 N) Without Free Travel



Technical Data

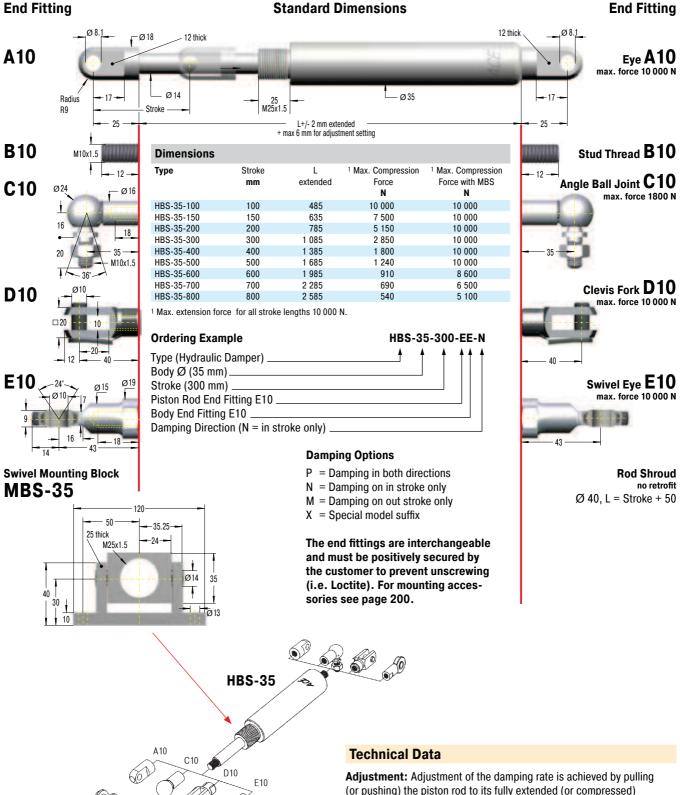
Adjustment: Adjustment of the damping rate is achieved by pulling (or pushing) the piston rod to its fully extended (or compressed) position. Whilst still pulling the piston rod turn it clockwise to increase damping and anti-clockwise to decrease damping. If the resistance increases noticeably, stop adjusting to avoid damage. The adjustment can add a max. of 6 mm to the L dim. shown (adjustment instruction see page 159).

Positive stop: Provide mechanical stops 1 to 1.5 mm before end of each stroke direction.

Material: Body and end fittings: Zinc plated steel. Piston rod: Hard chrome plated.

accessories

Adjustable (Compression and Extension Forces 30 N to 10 000 N) Without Free Travel



Adjustment: Adjustment of the damping rate is achieved by pulling (or pushing) the piston rod to its fully extended (or compressed) position. Whilst still pulling the piston rod turn it clockwise to increase damping and anti-clockwise to decrease damping. If the resistance increases noticeably, stop adjusting to avoid damage. The adjustment can add a max. of 6 mm to the L dim. shown (adjustment instruction see page 159).

Positive stop: Provide mechanical stops 1 to 1.5 mm before end of each stroke direction.

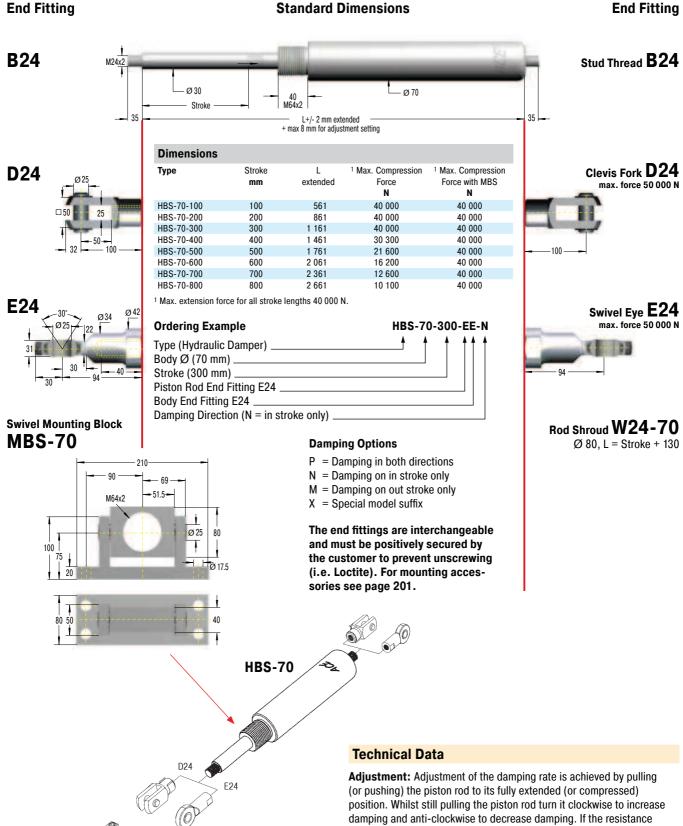
Material: Body and end fittings: Zinc plated steel. Piston rod: Hard chrome plated.

For mounting

accessories

see page 200.

Without Free Travel



For mounting accessories see page 201. increases noticeably, stop adjusting to avoid damage. The adjustment can add a max. of 8 mm to the L dim. shown (adjustment instruction see page 159).

Positive stop: Provide mechanical stops 5 to 6 mm before end of each stroke direction.

Material: Body: Black powder coated steel or zinc plated steel. Piston rod: Hard chrome plated. End fittings: Zinc plated steel.