

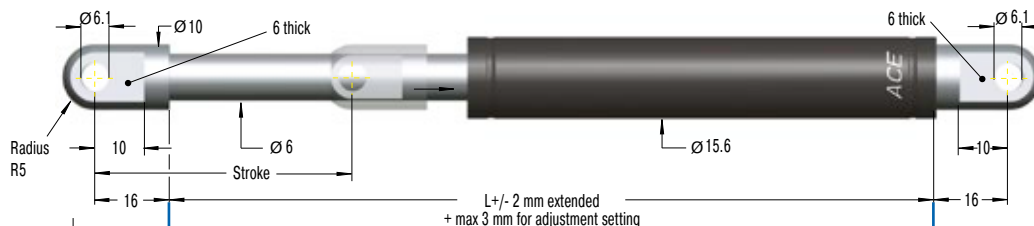
Adjustable, Compression and extension force 20 N to 800 N

End Fitting

Standard Dimensions

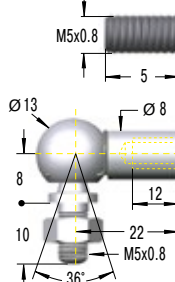
End Fitting

A5

Eye A5
max. force 800 N

B5

C5

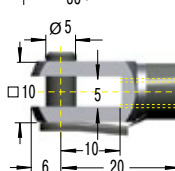


Performance and Dimensions

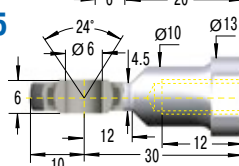
TYPES	Stroke mm	L extended mm	¹ Compression force max. N
HB-15-25	25	93	800
HB-15-50	50	143	800
HB-15-75	75	193	800
HB-15-100	100	243	350
HB-15-150	150	343	300

¹ Max. extension force for all stroke lengths 800 N.

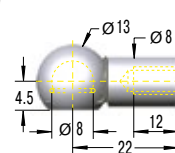
D5



E5



G5



Ordering Example

HB-15-150-CC-M

Type (Hydraulic Damper) _____
 Body Ø (15.6 mm) _____
 Stroke (150 mm) _____
 Piston Rod End Fitting C5 _____
 Body End Fitting C5 _____
 Damping Direction (M = out stroke only) _____

Model Type Prefix

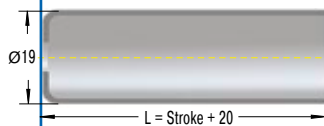
P: Damping in both directions
 N: Damping on in stroke only
 M: Damping on out stroke only
 X: Special model suffix

Mounting accessories see from
 page 200.

Stud Thread B5

Angle Ball Joint C5
max. force 500 NClevis Fork D5
max. force 800 NSwivel Eye E5
max. force 800 NBall Socket G5
max. force 500 N

Rod Shroud W5-15



Technical Data

Compression and extension force: 20 N to 800 N

Free travel: Construction of the damper results in a free travel of approx. 20 % of stroke.

Separator piston: Extension force 40 N; dimension L = 2.45 x stroke + 49 mm. Part number: add suffix -T.

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

Adjustment: Achieved by turning the piston rod in its fully extended or fully compressed position.

Clockwise rotation = increase of the damping.

Anti-clockwise rotation = decrease of the damping.

The adjustment can add a max. of 6 mm to the L dimension.

Positive stop: External positive stops 1 mm to 1.5 mm before the end of stroke provided by the customer.

Material: Outer body: Coated steel; Piston rod: Steel with wear-resistant coating; End fittings: Zinc plated steel

Mounting: In any position

Note: Increased break-away force if unit has not moved for some time.

End fittings: They are interchangeable and if necessary must be positively secured by the customer to prevent unscrewing.

HB-15

