

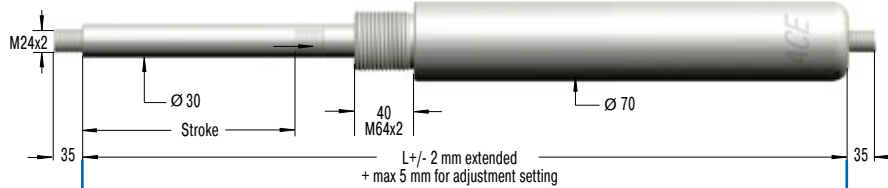
Adjustable, Without Free Travel, Compression and extension force 2,000 N to 40,000 N

End Fitting

Standard Dimensions

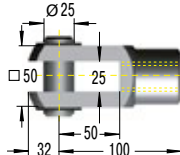
End Fitting

B24

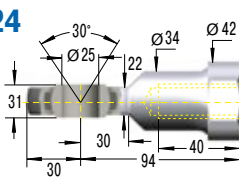


Stud Thread B24

D24


Clevis Fork D24
max. force 50,000 N

E24


Swivel Eye E24
max. force 50,000 N

Performance and Dimensions

TYPES	Stroke mm	L extended mm	¹ Compression force max. N	¹ Compression force with MBS max. N
HBS-70-100	111	561	40,000	40,000
HBS-70-200	211	861	40,000	40,000
HBS-70-300	311	1,161	40,000	40,000
HBS-70-400	411	1,461	30,300	40,000
HBS-70-500	511	1,761	21,600	40,000
HBS-70-600	611	2,061	16,200	40,000
HBS-70-700	711	2,361	12,600	40,000
HBS-70-800	811	2,661	10,100	40,000

¹ Max. extension force for all stroke lengths 40,000 N.

Ordering Example

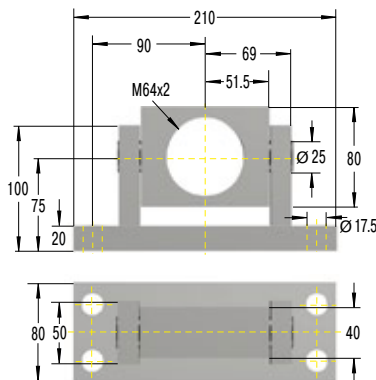
Type (Hydraulic Damper) **HBS-70-300-EE-N**
 Body Ø (70 mm)
 Stroke (300 mm)
 Piston Rod End Fitting E24
 Body End Fitting E24
 Damping Direction (N = in stroke only)

Model Type Prefix

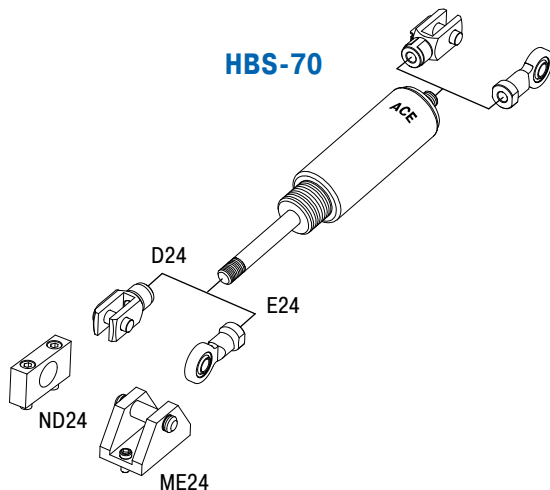
P: Damping in both directions
 N: Damping on in stroke only
 M: Damping on out stroke only
 X: Special model suffix

Mounting accessories see from page 200.

Rod Shroud W24-70
 Ø 80, L = Stroke + 180



Swivel Mounting Block MBS-70



Technical Data

Compression and extension force: 2,000 N to 40,000 N

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

Damping force adjustable before installation. The adjustment can add a max. of 5 mm to the L dimension.

Positive stop: External positive stops 5 mm to 6 mm before the end of stroke provided by the customer.

Material: Outer body: Zinc plated or coated steel; Piston rod: Hard chrome plated steel; 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.

Safety instructions: For long strokes with high forces use swivel mounting block MBS.