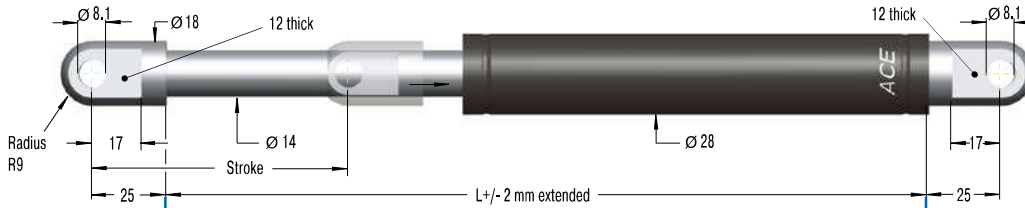
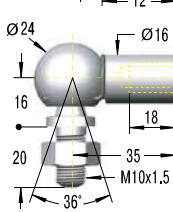
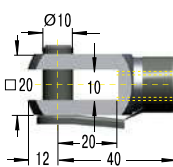


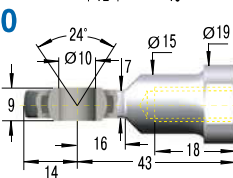
Valve Technology, Extension force 150 N to 2,500 N (compressed up to 4,400 N)

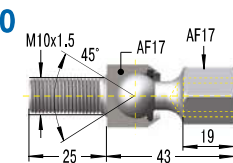
End Fitting
Standard Dimensions
End Fitting
A10

Eye A10
max. force 10,000 N

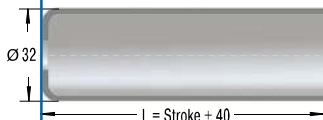
B10

Stud Thread B10
C10

Angle Ball Joint C10
max. force 1,800 N

D10

Clevis Fork D10
max. force 10,000 N

E10

Swivel Eye E10
max. force 10,000 N

F10

Inline Ball Joint F10
max. force 1,800 N

Rod Shroud W10-28

Performance and Dimensions

TYPES	Stroke mm	L extended mm	Extension force max. N
GS-28-100	100	262	2,500
GS-28-150	150	362	2,500
GS-28-200	200	462	2,500
GS-28-250	250	562	2,500
GS-28-300	300	662	2,500
GS-28-350	350	762	2,500
GS-28-400	400	862	2,400
GS-28-450	450	962	1,950
GS-28-500	500	1,062	1,600
GS-28-550	550	1,162	1,350
GS-28-600	600	1,262	1,150
GS-28-650	650	1,362	1,000
GS-28-700	700	1,462	900
GS-28-750	750	1,562	800

Ordering Example
GS-28-150-EE-1200

Type (Push Type) _____
 Body Ø (28 mm) _____
 Stroke (150 mm) _____
 Piston Rod End Fitting E10 _____
 Body End Fitting E10 _____
 Nominal Force F₁ 1200 N _____

Mounting accessories see from page 200.

**Adjuster Knob
DE-GAS-10**
See page 175.

Technical Data
Extension force: 150 N to 2,500 N (compressed up to 4,400 N)

Progression: Approx. 63 % to 76 %

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

Material: Outer body: steel coated with UV paint; Piston rod: steel with wear-resistant coating; End fittings: zinc plated steel

Mounting: In any position. Hint: We recommend mounting with piston rod downwards to take advantage of the built-in end position damping.

End position damping length: approx. 30 mm to 70 mm (depending on the stroke)

Positive stop: External positive stop at the end of stroke provided by the customer.

Note: Integrated grease chamber reduces friction and wear and optimises lubrication.

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

Safety instructions: Gas springs (push type) should not be installed under pre-tension.
