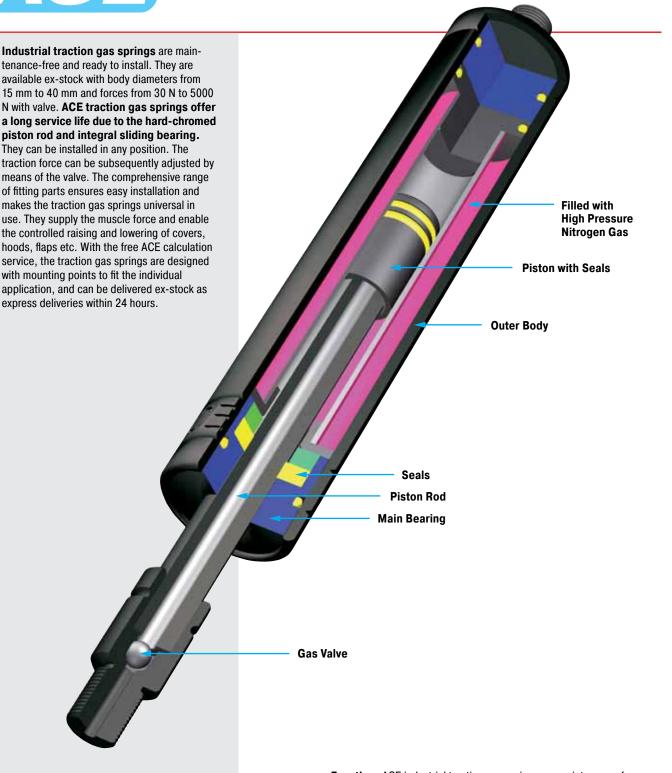
express deliveries within 24 hours.



Function: ACE industrial traction gas springs are maintenance-free, closed systems, which are filled with pressurised nitrogen gas. Compared to the push type, ACE traction gas springs work in the reverse

way. The piston rod is retracted by the gas pressure in the cylinder. The surface of the piston ring between the piston rod and the inner tube determines the force of the gas spring. Traction gas springs are always mounted with the stroke fully compressed.

Operating fluid: Nitrogen gas Mounting: In any position

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

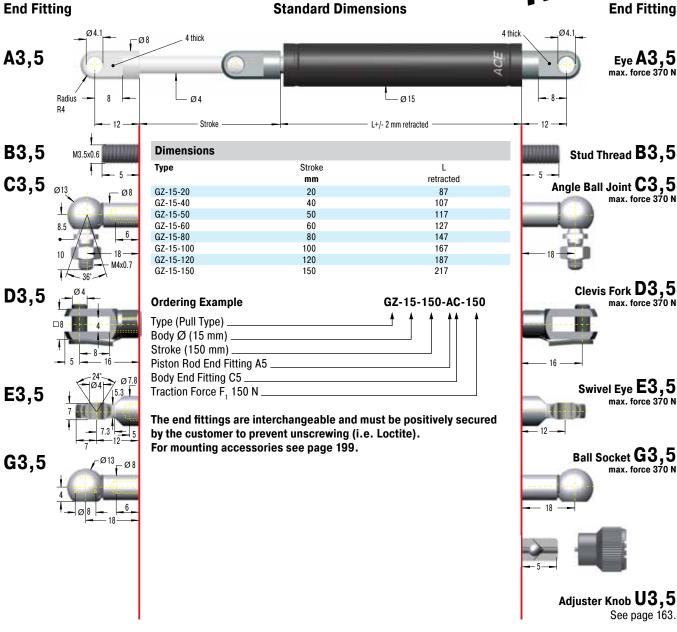
On request: Special force curves, special lengths, alternative seals and end fittings.

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Industrial Traction Gas Springs GZ-15 (Pull Type)

Traction (Pull) Forces 50 N to 300 N (when Piston Rod Extended up to 370 N)





GZ-15 A3,5 C3,5 D3,5 E3,5 G3,5 NG3,5 NG3,5 For mounting accessories

Technical Data

On request: Special force curves, special lengths, alternative end fittings, rod shroud.

Mounting: In any position. Install mechanical stop in extended position.

End position damping length: Without damping

Material: Piston rod: Hard chrome plated. Body: black coated.

End fittings: Zinc plated steel.

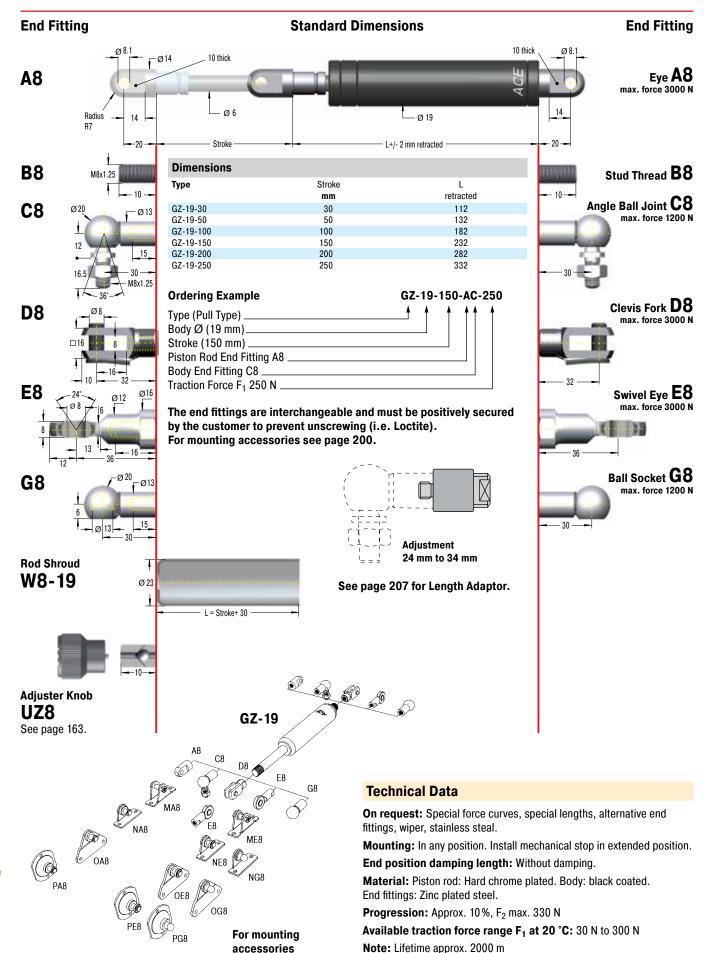
Progression: approx. 23 %, F2 max. 370 N

Available traction force range F₁ at 20 °C: 50 N to 300 N

Note: Lifetime approx. 2000 m

see page 199.

Traction (Pull) Forces 30 N to 300 N (when Piston Rod Extended up to 330 N)

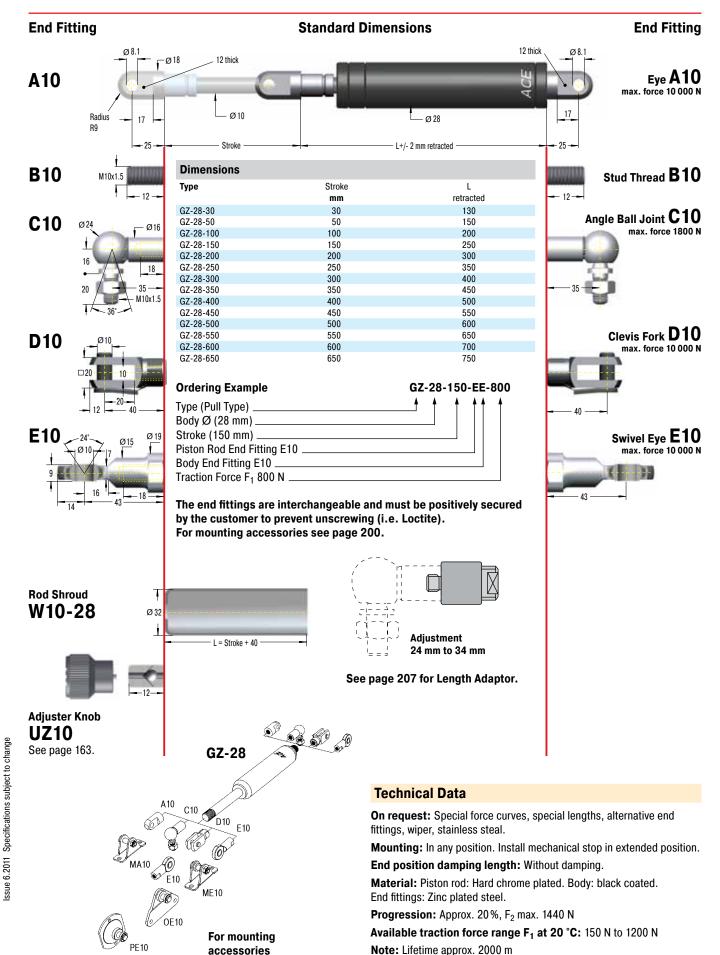


ssue 6.2011 Specifications subject to change

see page 200.

Industrial Traction Gas Springs GZ-28 (Pull Type)

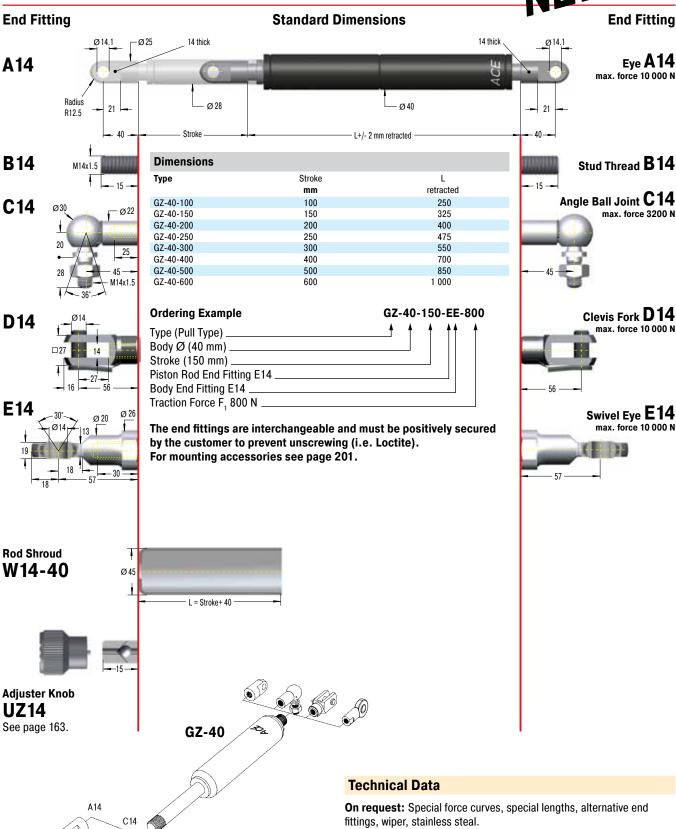
Traction (Pull) Forces 150 N to 1200 N (when Piston Rod Extended up to 1440 N)



see page 200.

Traction (Pull) Forces 400 N to 5000 N (when Piston Rod Extended up to 7000 N)





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Mounting: In any position. Install mechanical stop in extended position.

ssue 6.2011 Specifications subject to change

End position damping length: Without damping

Material: Piston rod: Hard chrome plated. Body: black coated.

End fittings: Zinc plated steel.

Progression: approx. 40%, F₂ max. 7000 N

Available traction force range F₁ at 20 °C: 400 N to 5000 N

Note: Lifetime approx. 2000 m

For mounting

accessories

see page 201.