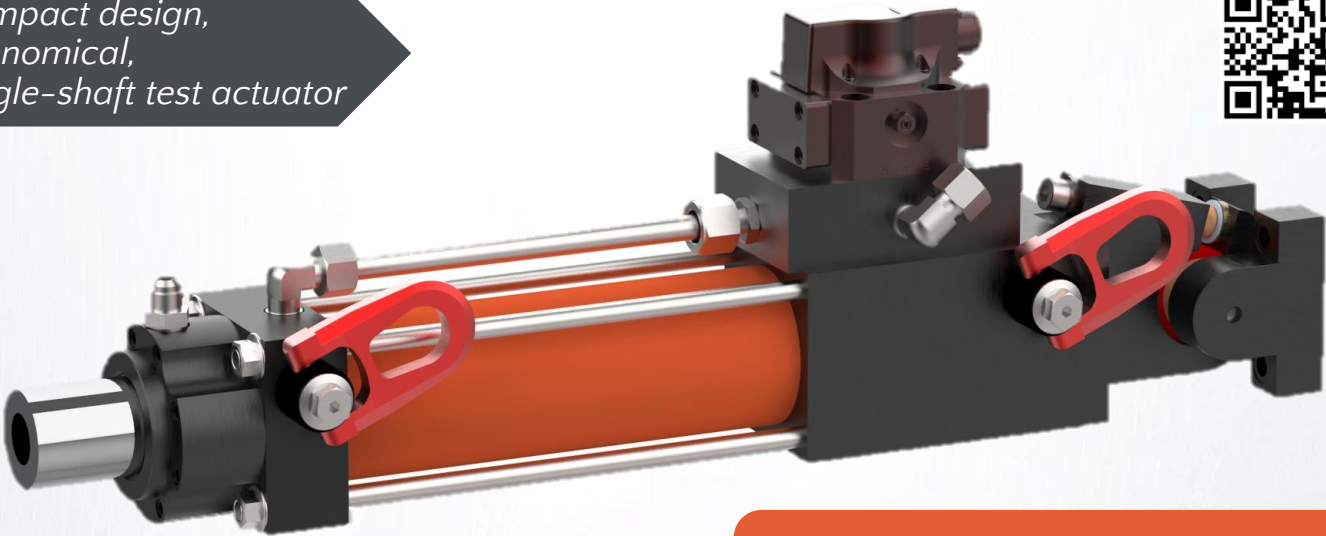


HTA-21 Series Servo-Hydraulic Actuator



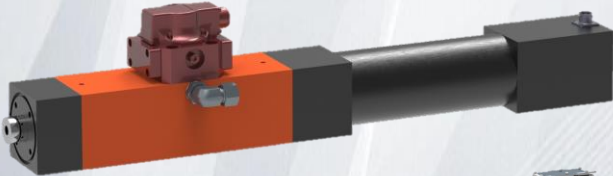
Compact design,
Economical,
Single-shaft test actuator



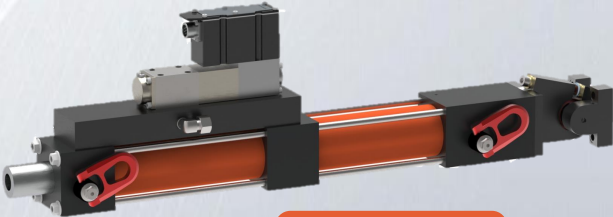
- Compatible with servo valve installation
- Compatible with 249 series swivel mount
- Optional rear and front joints

- Force range: 15-250 kN
- Structural testing for aerospace, automotive, and construction Technologies
- Fatigue-resistant joint and body design
- Low-friction polymer sealing
- Integrated plumbing and measurement ports
- Optional 42CrMo4 rod and special rod coatings (surface hardness up to 75 HRC)
- Optional cushioning

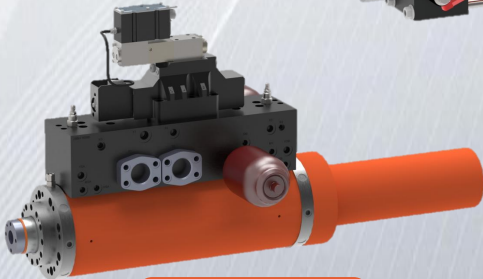
Model	Dynamic Force
HTA.21.15	15kN
HTA.21.25	25kN
HTA.21.50	50kN
HTA.21.80	80kN
HTA.21.100	100kN
HTA.21.150	150kN
HTA.21.250	250kN



HTA-22 Series



HTA-24 Series



HTA-28 Series



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Bursa / Türkiye
info@mctas.com.tr
www.mctas.com.tr

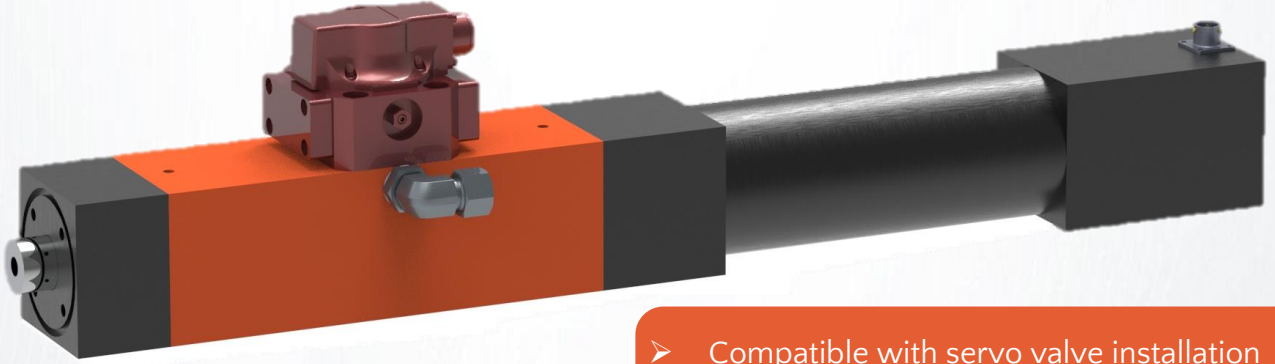
MCT Mechatronic Control Technologies Inc.



HTA-22 Series Servo-Hydraulic Actuator



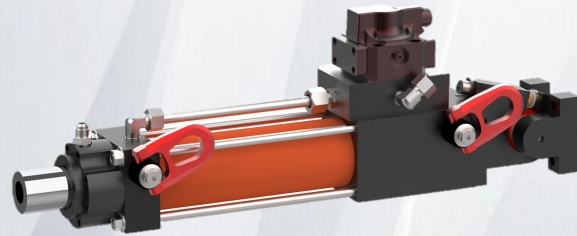
*High specific frequency,
Suitable for fatigue and modal tests,
Closed-loop test actuator for low
forces*



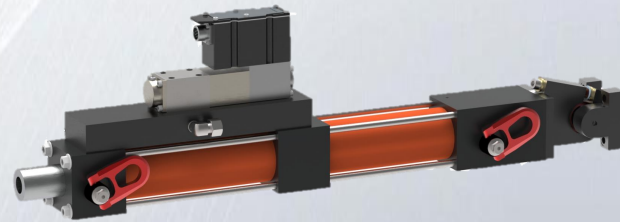
- 150 + 10 + 10 = 170 mm stroke
- Fatigue-resistant joint and body design
- Low-friction polymer sealing
- Integrated plumbing and measurement ports
- Standard induction-hardened chrome-plated rod (CK45-58±3 HRC)
- Optional 42CrMo4 rod and special rod coatings (surface hardness up to 75 HRC)
- H7(H8) precision-polished cylinder
- Standard cushioning
- LVDT or Magnetostrictive position sensor

- Compatible with servo valve installation
- Compatible with 249 series swivel mounting
- Optional rear and front joints

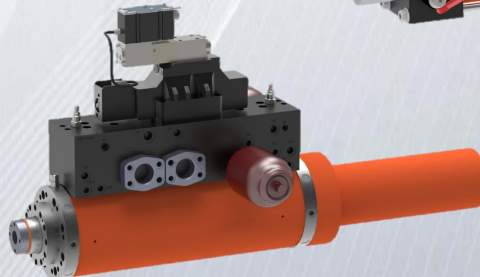
Model	Force [kN]	Piston Area [mm ²]	Rod Diameter [mm]
HTA22.00	2,7	139	28
HTA22.01	4,5	292	28
HTA22.02	9,8	579	28
HTA22.03	14,7	769	28



HTA-21 Series



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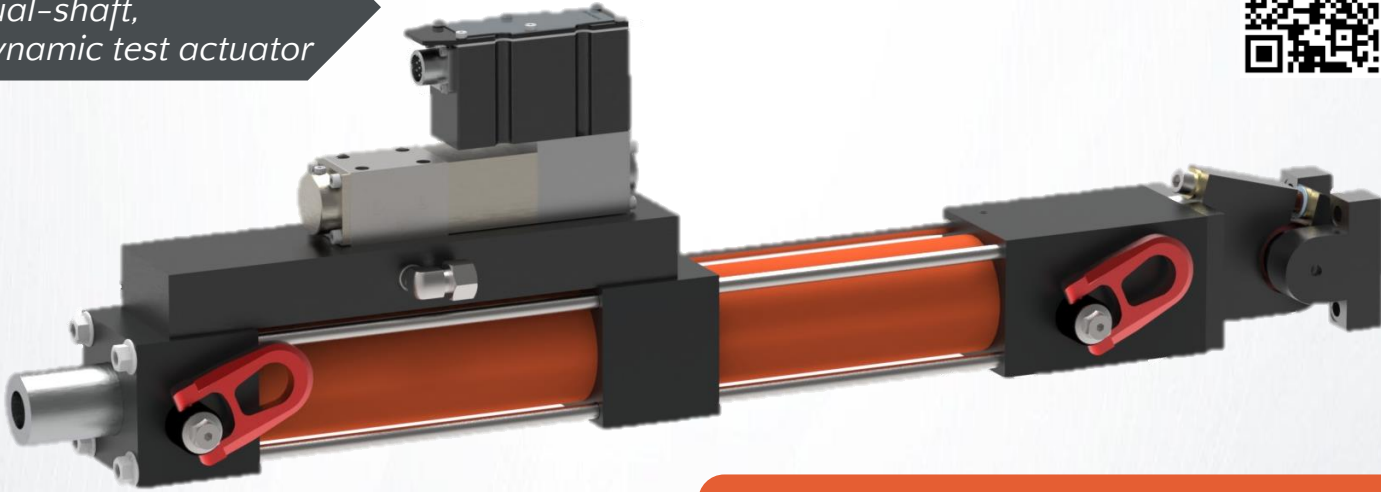
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HTA-24 Series Servo-Hydraulic Actuator

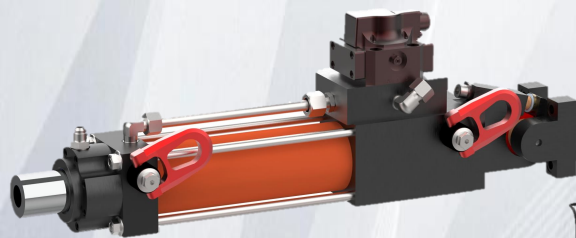
*Fatigue-resistant,
Dual-shaft,
Dynamic test actuator*



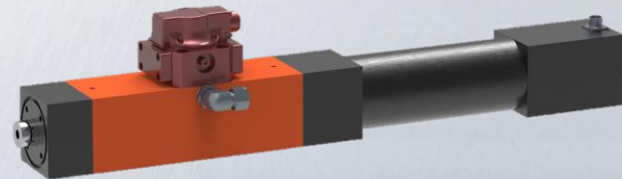
- Force range: 15-500 kN
- Dynamic component testing, structural tests in defense/aerospace, automotive, and construction technologies, fatigue testing
- Fatigue-resistant joint and body design
- Low-friction polymer sealing
- Integrated plumbing and measurement ports
- Standard induction-hardened chrome-plated rod (CK45-58±3 HRC)
- Standard cushioning
- Standard magnetostrictive position sensors
- Optional 42CrMo4 rod and special rod coatings (surface hardness up to 75 HRC)

- Compatible with servo valve installation
- Compatible with 249 series swivel mounting
- Optional rear and front joints

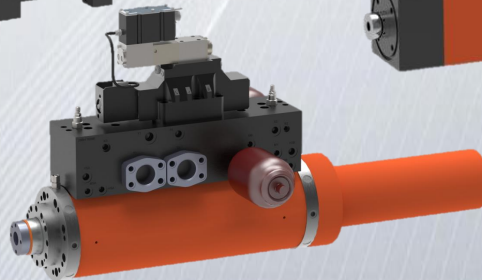
Model	Dynamic Force
HTA.24.15	15kN
HTA.24.25	25kN
HTA.24.50	50kN
HTA.24.80	80kN
HTA.24.100	100kN
HTA.24.150	150kN
HTA.24.250	250kN
HTA.24.350	350 kN
HTA.24.500	500kN



HTA-21 Series



HTA-22 Series



HTA-28 Series



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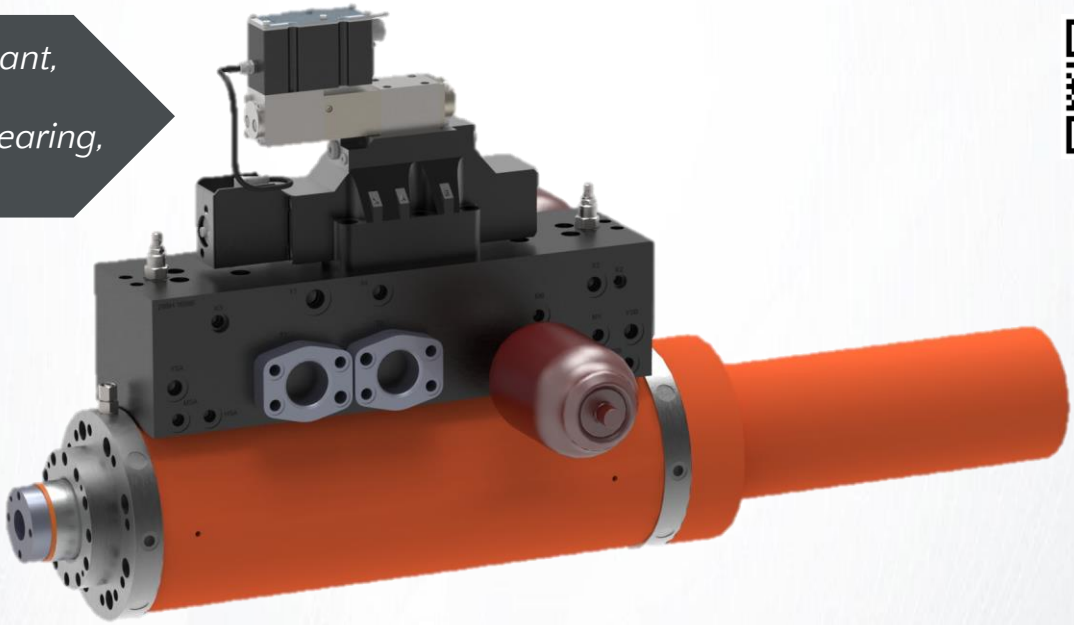
MCT Mechatronic Control Technologies Inc.



HTA-28 Series Servo-Hydraulic Actuator



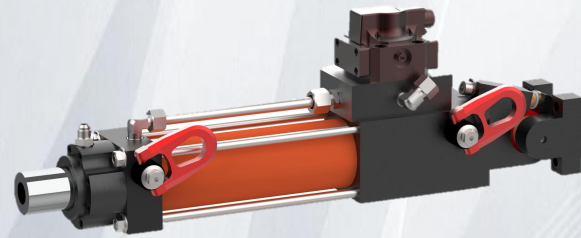
*Fatigue-resistant,
Low-friction,
Hydrostatic bearing,
Test actuator*



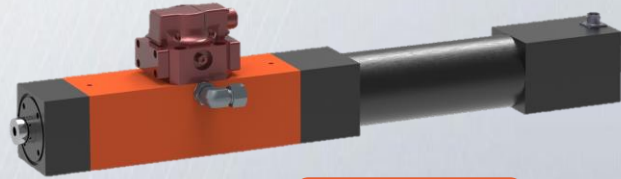
- Fatigue tests, modal tests, elastomer and structural applications
- 200 Hz, 5 m/s operational performance
- Internally-fed hydrostatic bearing
- Low-pressure rod seals
- Oil-film piston bearing
- Integrated plumbing and measurement ports
- Standard 42CrMo4 induction-hardened, chrome-plated rod
- Standard viscous damping
- Standard magnetostrictive position sensors
- Optional 42CrMo4 rods with special rod coatings (surface hardness up to 75 HRC)
- Optional LVDT position sensor

- Compatible with servo valve installation
- Compatible with 249 series swivel mounting
- Optional rear and front joints

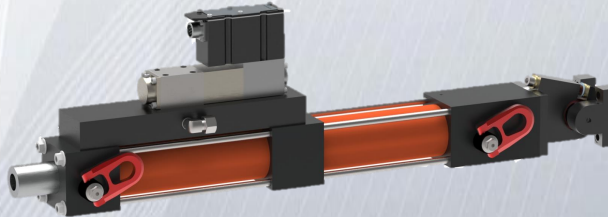
Model	Dinamik Kuvvet
HTA.28.50	50kN
HTA.28.100	100kN
HTA.28.250	250kN
HTA.28.500	500kN
HTA.28.700	700kN



HTA-21 Series



HTA-22 Series



HTA-24 Series



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