

QUASISTATIC SERVOACTUATORS

VZSS



The series of static servoactuators VZSS represents an affordable solution for common testing needs such as quasistatic monotonic or cyclic testing or Pseudo-Dynamic testing. A wide range of loads, strokes and boundary conditions is available to satisfy virtually any testing requirement.

APPLICATIONS

- Quasistatic testing
 - Monotonic testing
 - Cyclic testing
- Pseudo-dynamic testing

KEY FEATURES

- ISO 6022 based design
- Up to 250 bar working pressure
- Double effect
- Simple or double rod
- Strokes up to 500 mm (larger strokes on demand)
- Loads up to 2 MN (larger loads on demand)
- Polymeric bearings
- Embedded displacement sensor
- Load cell
- High performance MOOG servovalve
- Several attachments available for servoactuator rod and body
 - Standard swivels
 - Adjustable backlash swivels
 - Flanges



VZSS 100 with rod and body swivels. Long stroke



VZSS 250 with rod and body swivels



VZSS 500 with rod and body swivels



VZSS 700 with mounting pedestal

PERFORMANCES TABLE

VZSS-50	VZSS-150	VZSS-250	VZSS-500	VZSS-1000	VZSS-2000
50 [kN]	150 [kN]	250 [kN]	500 [kN]	1000 [kN]	2000 [kN]

All models include embedded displacement sensor and load cell



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