



Hydraulic Actuators

self contained design



According to german VDI / VDE- Guideline 3844, customers specifications or other international standards

- Modulating position control with servo-valve, analog input signal electric or pneumatic
- Step control or open-close function with electric impulses (binary signals)

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- Possible designs for failsafe position in case of electric power supply failure:
 - Blocking in the last control position
 - Moving to limit position open or close by using a hydraulic accumulator or with spring force

- Special designs for operation in potentially explosive atmospheres

Linear Actuators

Unit Size	1	2	3	
Positioning force	1,5-1,5	12-50	40-200	KN
Positioning speeds	5-40	4-12	2-6	mm/S
Positioning power	150	400	600	W
Positioning strokes	20-80	20-100	20-260	mm

Rotary Actuators

Unit Size	1	2	3	
Positioning torques	40-300	250-1500	900-4500	Nm
Positioning time (70°)	2-6	4-14	8-28	s
Positioning power	150	400	600	W
Positioning angle	70	70	70	°

- Available as special model:
 - Higher positioning forces and torques
 - Higher positioning speeds
 - Higher positioning strokes

System Spezifikation

- Responsivity ≤ 0,2% of final value of the input signal

- Linearity approx. 1% of positioning stroke / angle

- Hysteresis < 0,4% of positioning stroke / angle