



Actuator Model Comparison Chart

Actuator Model	MT	SF	HF	HL	UHT	VHT	TA	MME	MNE
Available travel (+/- inches)	Up to ± 6" (150 mm)	Up to ± 6" (150 mm)	Up to ± 6" (150 mm)	Up to ± 6" (150 mm)	Up to ± 24" (610 mm)	Up to ± 12" (305 mm)	Up to ± 1.00" (25 mm)	± 0.25, 0.33, 0.50, 0.63, 0.75, 0.88, 1.00, 1.25, 1.50, 1.63, 1.75, 2.00, 2.75, 3.00, 3.75, 4.00 (25-50-100 mm)	± 1.00, 1.50, 2.00, 2.50, 3.00, 3.50, 4.00, 4.50, 5.00 (75-100-125 mm)
Maximum load	500 lbs. (227 kg)	3,500 lbs. (1,590 kg)	5,000 lbs. (2,272 kg)	10,000 lbs. (4,545 kg)	40,000 lbs. (18,181 kg)	60,000 lbs. (27,272 kg)	500 lbs. (227 kg)	500 lbs. (227 kg)	3,500 lbs. (1,590 kg)
Maximum breakaway force	20 lbs. (89 N)	50 lbs. (222 N)	100 lbs. (444 N)	150 lbs. (667 N)	500 lbs. (2,224 N)	1,000 lbs. (4,448 N)	20 lbs. (89 N)	20 lbs. (89 N)	50 lbs. (222 N)
End-of-travel limit mechanism	Potentiometer						Linear Potentiometer	Limit Switches	
Digitally adjustable end-of-travel limit	X	X	X	X	X	X			
Digitally adjustable Servo-center position	X	X	X	X	X	X	X	Fixed	Fixed
Digitally adjustable oscillation distance	X	X	X	X	X	X	X		
Digitally adjustable oscillation rate	X	X	X	X	X	X	X	X	X
DC Servo motor PM DC	X	X	X	X	X	X		X	X
Brushless Motor	Optional	Optional					X	Optional	
Lead screw assembly	X	X	X	X	X	X	X	X	X
Sealed construction	X	X	X	X	X	X	X	X	X
Pre-lubricated	X	X	X	X	X	X	X	X	X
Chaser/Slave	X	X	X	X	X	X	X	X	X
Master/Follower	X	X	X	X		X	X		
Available as purged	X	X	X					X	X
Explosion-Proof Brushed DC	Optional	Optional	Optional	Optional	Optional	Optional		Optional	Optional
Explosion-Proof Brushless DC		Optional	Optional	Optional	Optional	Optional			Optional
EVO 150	X	X	X				X	X	X
Micro 1000® Controller	X	X	X					X	X
Micro 4000®NET Controller	X	X	X	X	X	X	X	X	X
Drawings	AC-5464	AB-2202	AC-7214 AB-9273	AC-6944 AB-9144	AC-0102		AB-11268	AB-4390	AB-5617