

DC Linear Actuator CX.LAT7.2168

Features:

Housing in zamac die-casting
Gears in sintered steel
Working Temperature: -20°C ~ +80°C
Gear ratio: 1:12, 1:27, 1:48, 1:108
Stroke: 50, 100, 150, 200, 250, 300, 350, 400mm
Trapezoidal Screw : Ø8.8mm Pitch 3mm



The images shown here are for illustrative purposes only.

Motor Data:

DC Carbon-brush motor
Nominal Voltage: 12/24Vdc
Motor interference suppression by VDR
No Load Speed: @12V 6900rpm @24V 13800rpm
No Load Current: @12V 0.15A @24V 0.17A
Rated Speed: @12V 5756rpm @ 24V 12000rpm
Rated Current: @12V 0.76A @24V 1.14A
Rated Torque: @12V 96g-cm @24V 156g-cm

Options:



BP Balancing
Pivots

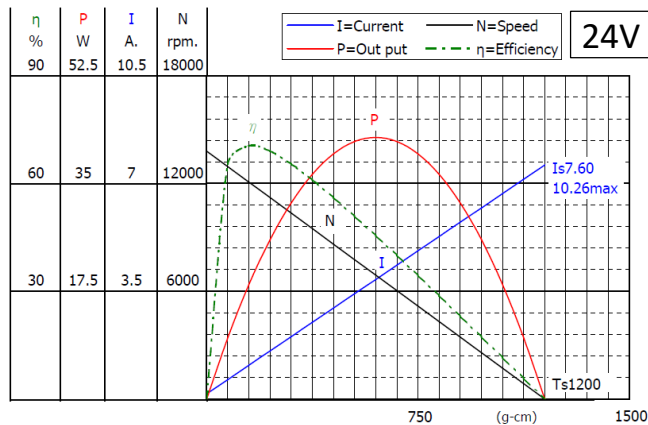
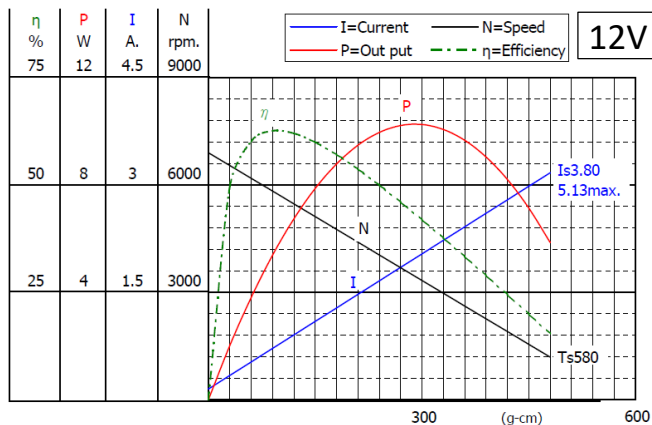


HS Hall Sensor
Encoder



PTC Hall Sensor
Encoder with PTC

Motor Characteristics:



Linear Actuator Performance:

Model	Gear ratio	Voltage	Speed @ No Load	Current @ No Load	Nominal Load	Nominal Current	Speed @ Nominal Load	Max Load
		(V)	(mm/sec)	(A)	(N)	(Amp)	(mm/sec)	(N)
CX.LAT7-2168	1:12	12.0	28.0	≤0.30	130	0.8	23.0	300
		24.0	56.0	≤0.40	250	1.2	44.5	700
CX.LAT7-2168	1:27	12.0	12.0	≤0.30	260	0.8	10.0	650
		24.0	25.0	≤0.40	420	1.2	20.0	1500
CX.LAT7-2168	1:48	12.0	7.0	≤0.30	470	0.8	5.5	1100
		24.0	15.0	≤0.40	730	1.2	12.0	2000
CX.LAT7-2168	1:108	12.0	3.0	≤0.30	1000	0.8	2.5	2800
		24.0	6.0	≤0.40	1600	1.2	5.0	3500

General Tolerances ±15%

DC Linear Actuator CX.LAT7.2253

Features:

Housing in zamac die-casting
Gears in sintered steel
Working Temperature: -20°C ~ +80°C
Gear ratio: 1:12, 1:27, 1:48, 1:108
Stroke: 50, 100, 150, 200, 250, 300, 350, 400mm
Trapezoidal Screw : Ø8.8mm Pitch 3mm



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Motor Data:

DC Carbon-brush motor
Nominal Voltage: 12Vdc
Motor interference suppression by VDR
No Load Speed: 9000rpm
No Load Current: 0.20A
Rated Speed: 7600rpm
Rated Current: 0.90A
Rated Torque: 89g-cm

Options:



BP Balancing Pivots

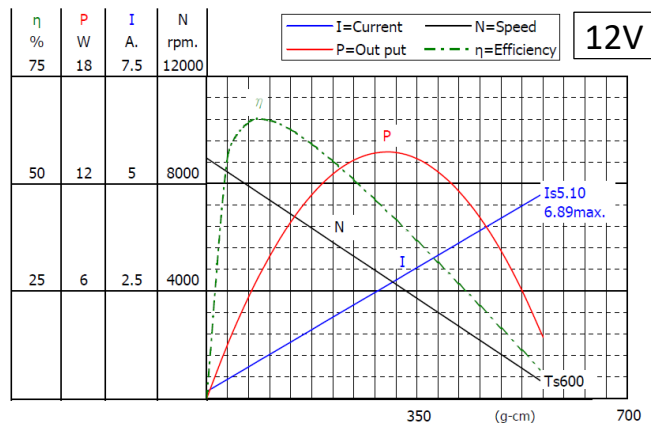


HS Hall Sensor
Encoder



PTC Hall Sensor
Encoder with PTC

Motor Characteristics:



Linear Actuator Performance:

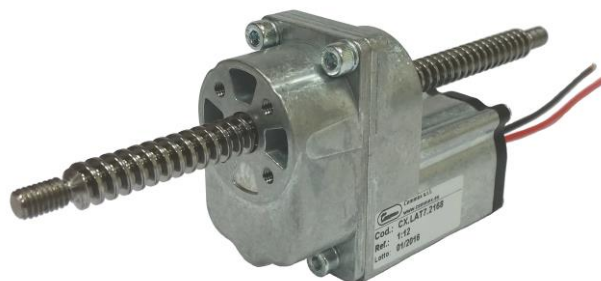
Model	Gear ratio	Voltage	Speed @ No Load	Current @ No Load	Nominal Load	Nominal Current	Speed @ Nominal Load	Max Load
		(V)	(mm/sec)	(A)	(N)	(Amp)	(mm/sec)	(N)
CX.LAT7-2253	1:12	12.0	36.0	≤0.5	160	1.2	26.0	330
		24.0	***	***	***	***	***	***
CX.LAT7-2253	1:27	12.0	16.0	≤0.5	320	1.2	12.0	700
		24.0	***	***	***	***	***	***
CX.LAT7-2253	1:48	12.0	9.0	≤0.5	600	1.2	7.0	1300
		24.0	***	***	***	***	***	***
CX.LAT7-2253	1:108	12.0	4.0	≤0.5	1200	1.2	3.0	3000
		24.0	***	***	***	***	***	***

General Tolerances ±15%

DC Linear Actuator CX.LAT7.11200

Features:

Housing in zamac die-casting
Gears in sintered steel
Working Temperature: -20°C ~ +80°C
Gear ratio: 1:12, 1:27, 1:48, 1:108
Stroke: 50, 100, 150, 200, 250, 300, 350, 400mm
Trapeziodal Screw : Ø8.8mm Pitch 3mm



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Motor Data:

DC Carbon-brush motor
Nominal Voltage: 12/24Vdc
Motor interference suppression by VDR
No Load Speed: @12V 3200rpm @24V 6500rpm
No Load Current: @12V 0.05A @24V 0.06A
Rated Speed: @12V 2450rpm @ 24V 5265rpm
Rated Current: @12V 0.15A @24V 0.24A
Rated Torque: @12V 34g-cm @24V 57g-cm

Options:



BP Balancing
Pivots

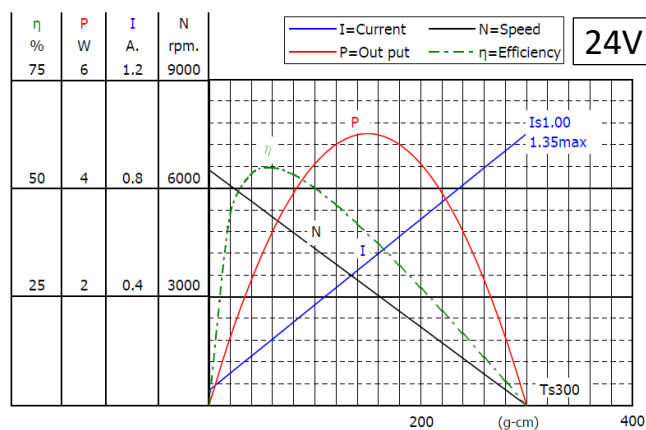
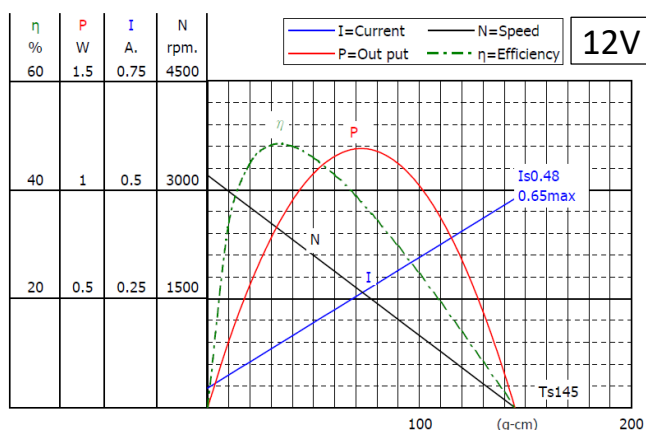


HS Hall Sensor
Encoder



PTC Hall Sensor
Encoder with PTC

Motor Characteristics:



Linear Actuator Performance:

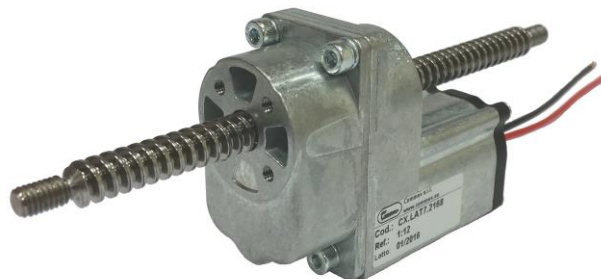
Model	Gear ratio	Voltage	Speed @ No Load	Current @ No Load	Nominal Load	Nominal Current	Speed @ Nominal Load	Max Load
		(V)	(mm/sec)	(A)	(N)	(Amp)	(mm/sec)	(N)
CX.LAT7-11200	1:12	12.0	11.0	≤0.18	40	0.20	8.0	80
		24.0	25.0	≤0.20	65	0.30	19.0	160
CX.LAT7-11200	1:27	12.0	5.0	≤0.18	80	0.20	4.0	170
		24.0	12.0	≤0.20	190	0.30	9.0	360
CX.LAT7-11200	1:48	12.0	3.0	≤0.18	200	0.20	2.0	380
		24.0	6.5	≤0.20	380	0.30	5.0	700
CX.LAT7-11200	1:108	12.0	1.5	≤0.18	550	0.20	1.0	900
		24.0	3.0	≤0.20	850	0.30	2.0	1500

General Tolerances ±15%

DC Linear Actuator CX.LAT7.14100

Features:

Housing in zamac die-casting
Gears in sintered steel
Working Temperature: -20°C ~ +80°C
Gear ratio: 1:12, 1:27, 1:48, 1:108
Stroke: 50, 100, 150, 200, 250, 300, 350, 400mm
Trapezoidal Screw : Ø8.8mm Pitch 3mm



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Motor Data:

DC Carbon-brush motor
Nominal Voltage: 12/24Vdc
Motor interference suppression by VDR
No Load Speed: @12V 4550rpm @24V 9200rpm
No Load Current: @12V 0.09A @24V 0.09A
Rated Speed: @12V 3584rpm @ 24V 7694rpm
Rated Current: @12V 0.32A @24V 0.46A
Rated Torque: @12V 53g-cm @24V 84g-cm

Options:



BP Balancing
Pivots

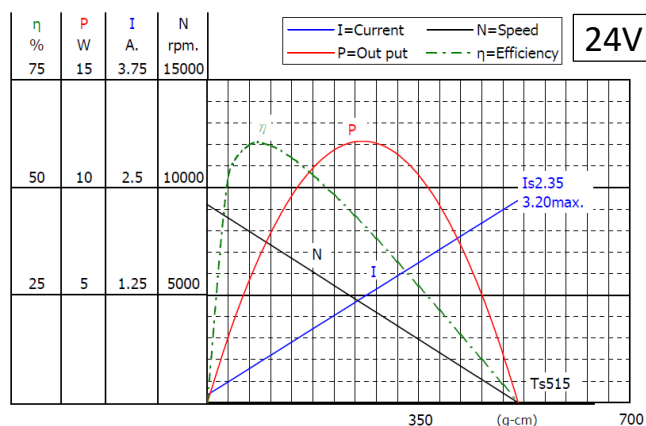
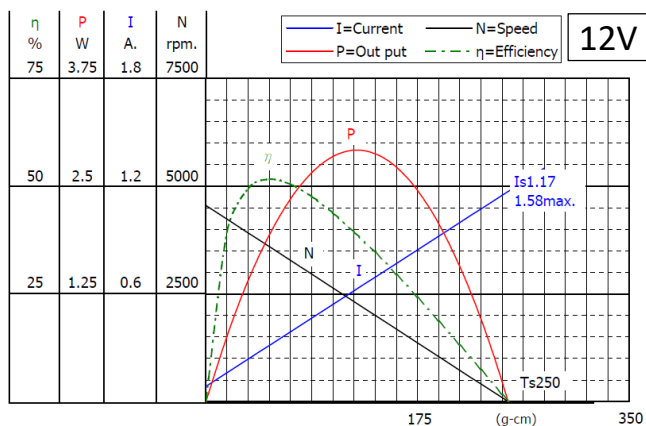


HS Hall Sensor
Encoder



PTC Hall Sensor
Encoder with PTC

Motor Characteristics:



Linear Actuator Performance:

Model	Gear ratio	Voltage	Speed @ No Load	Current @ No Load	Nominal Load	Nominal Current	Speed @ Nominal Load	Max Load
		(V)	(mm/sec)	(A)	(N)	(Amp)	(mm/sec)	(N)
CX.LAT7-14100	1:12	12.0	17.0	≤0.20	60	0.30	14.0	140
		24.0	37.0	≤0.25	130	0.50	29.0	300
CX.LAT7-14100	1:27	12.0	7.0	≤0.20	70	0.30	6.0	270
		24.0	16.0	≤0.25	220	0.50	13.0	650
CX.LAT7-14100	1:48	12.0	4.5	≤0.20	270	0.30	3.0	600
		24.0	9.0	≤0.25	400	0.50	7.0	1250
CX.LAT7-14100	1:108	12.0	2.0	≤0.20	550	0.30	1.5	1300
		24.0	4.0	≤0.25	1000	0.50	3.0	2800

General Tolerances ±15%