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## Tubular Actuators

	 PA-06	 PA-ST1
<b>In-stock Model</b>	PA-06	PA-ST1
<b>Voltage (VDC)</b>	12	12
<b>Stroke (inch)</b>	2 to 24	1 to 24
<b>Dynamic Force (lbs)</b>	22; 180	56
<b>Static Force</b>	33; 360	225
<b>Speed - No Load (inch/sec)</b>	1.38; 0.47	5.9
<b>Speed - Full Load (inch/sec)</b>	1.18; 0.27	4.72
<b>Current - No Load (A)</b>	0.6	1.8
<b>Current - Full Load (A)</b>	2.5; 3.7	9.5
<b>Additional Features</b>	✘	✘
<b>Feedback</b>	✘	✘
<b>Duty Cycle</b>	10%	15%
<b>Weather Protection</b>	IP67M	IP66
<b>Overload Protection</b>	✘	✘
<b>Operational Temperature (°C)</b>	-20 to 60	-20 to 60
<b>Operating Noise</b>	<60 dBA	60 dB
<b>Limit Switch</b>	Built-in (Non-adjustable)	Built-in (Non-adjustable)
<b>Cable Length (inch)</b>	59	59
<b>Connector</b>	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 2-Pin
<b>Front Mounting Hole Size (inch)</b>	0.47	0.31
<b>Rear Mounting Hole Size (inch)</b>	0.39	0.31
<b>Actuator Type</b>	Tubular	Tubular
<b>Motor Type</b>	Brushed DC Motor	Brushed DC Motor
<b>Screw Type</b>	Trapezoid	ACME
<b>Stroke Rod Material</b>	Stainless Steel 304	Stainless Steel 304
<b>Housing Material</b>	Aluminum 6063	Aluminum 6063
<b>Gear Material</b>	Polyformaldehyde	Powder Metallurgy, No. 45 Steel
<b>Certifications</b>	CE	CE
<b>Compatible Mounting Brackets</b>	BRK-06, BRK-16	BRK-09





## Micro Actuators

			
<b>In-stock Model</b>	PA-12-R	PA-12-T	PA-MC1
<b>Voltage (VDC)</b>	12	7.4; 12	12
<b>Stroke (inch)</b>	1.06; 2.2	1.06	0.5 to 8
<b>Dynamic Force (lbs)</b>	3.82; 4.5; 17.5; 22.48	1.37; 2.69	8; 11; 17; 39
<b>Static Force</b>	1.57; 17.5; 22.48	0.67; 2.69	8; 15; 24; 56
<b>Speed - No Load (inch/sec)</b>	3.15; 0.3	1.42; 0.47	1.85; 1.18; 0.71; 0.31
<b>Speed - Full Load (inch/sec)</b>	2.67; 0.26; 0.25	0.94; 0.35; 0.99; 0.41	1.18; 0.75; 0.51; 0.24
<b>Current - No Load (A)</b>	0.03	0.03	≤ 0.2
<b>Current - Full Load (A)</b>	2.3	0.46; 0.33	≤ 0.7; ≤ 0.55; ≤ 0.5; ≤ 0.6
<b>Additional Features</b>	RS-485 Communication	TTL or PWM Communication	✘
<b>Feedback</b>	✔	✔	✘
<b>Duty Cycle</b>	50%	50%	20%
<b>Weather Protection</b>	IP54	IP54	IP65
<b>Overload Protection</b>	LED Indication	LED Indication	Yes
<b>Operational Temperature (°C)</b>	-10 to 60	-10 to 60	-10 to 50
<b>Operating Noise</b>	<50 dBA	<50 dBA	<60 dBA
<b>Limit Switch</b>	✘	✘	Built-in (Non-adjustable)
<b>Cable Length (inch)</b>	9	9	12
<b>Connector</b>	Molex Micro-Latch 4-Pin	Molex Mini-SPOX 3-Pin	2.54mm 2-Pin Female Connector (Standard)
<b>Front Mounting Hole Size (inch)</b>	0.14	0.14	0.32
<b>Rear Mounting Hole Size (inch)</b>	0.15	0.15	0.32
<b>Actuator Type</b>	Micro	Micro	Micro
<b>Motor Type</b>	Coreless DC Motor	Cored DC Motor	Brushed DC Motor
<b>Screw Type</b>	Metric Coarse Thread	Metric Coarse Thread	ACME
<b>Stroke Rod Material</b>	Stainless Steel	Stainless Steel	Stainless Steel
<b>Housing Material</b>	Polyformaldehyde	Polyformaldehyde	PA66-GF35
<b>Gear Material</b>	Polyketone	Polyketone	N/A
<b>Certifications</b>	CE	CE	N/A
<b>Compatible Mounting Brackets</b>	BRK-12 (1.06" Stroke Only)	BRK-12 (1.06" Stroke Only)	BRK-MC1





## Industrial Actuators

								
<b>In-stock Model</b>	PA-09	PA-10	PA-10-HALL	PA-13	PA-17	PA-17P	PA-HD1	PA-HD1-HALL
<b>Voltage (VDC)</b>	12; 24	12; 24	12; 24	12	12; 24	12; 24	12; 24	24
<b>Stroke (inch)</b>	2 to 40	2 to 36	2 to 24	4 to 40	1 to 40	1 to 24	4 to 40	4 to 40
<b>Dynamic Force (lbs)</b>	330	450	450	719; 3000	850; 2000	2000	450; 899; 1574	1574
<b>Static Force</b>	330	450	450	899; 3372	1700; 4000	4000	899; 1574; 2248	2248
<b>Speed - No Load (inch/sec)</b>	0.39	0.28	0.28; 0.56	0.24; 1.46	0.66; 0.33	0.33	1.37; 0.66; 0.33	0.33
<b>Speed - Full Load (inch/sec)</b>	0.27	0.16	0.16; 0.33	0.16; 0.91	0.55; 0.27	0.27	1.11; 0.55; 0.27	0.27
<b>Current - No Load (A)</b>	1.5	1.5	1.5	4	3.5; 1.8	3.5; 1.8	3.5; 1.8	1.8
<b>Current - Full Load (A)</b>	4	6	6; 4	20	20; 10	20; 10	20; 10	10
<b>Additional Features</b>	✗	400-hour Salt Spray Rating (Salt Spray Rating Unit Only)	Hall Effect Sensors	Manual Override	✗	Potentiometer Feedback	None	Hall Effect Sensors
<b>Feedback</b>	✗	✗	✓	✗	✗	✓	✗	✓
<b>Duty Cycle</b>	25%	20%	20%	20%	25%	25%	10%	10%
<b>Weather Protection</b>	IP66	IP68M, IP69K Static	IP68M, IP69K Static	IP66	IP65	IP65	IP65	IP65
<b>Overload Protection</b>	✗	✗	✗	Built-in Shutoff	Mechanical Slip Clutch	Mechanical Slip Clutch	Mechanical Slip Clutch	Mechanical Slip Clutch
<b>Operational Temperature (°C)</b>	-20 to 65	-20 to 70	-20 to 70	-40 to 60	-25 to 65	-25 to 65	-25 to 65	-25 to 65
<b>Operating Noise</b>	<45 dBA	<45 dBA	<45 dBA	<90 dBA	<45 dBA	<45 dBA	65 dBA	65 dBA
<b>Limit Switch</b>	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)
<b>Cable Length (inch)</b>	40	60	60	40	40	40	40	40
<b>Connector</b>	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 6-Pin	TE Universal Mate-N-Lok 2-Pin	Molex Mini-Fit Jr 2-Pin	Tinned Wire Leads	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 6-Pin
<b>Front Mounting Hole Size (inch)</b>	0.32	0.32	0.32	0.5	0.5	0.5	0.52	0.52
<b>Rear Mounting Hole Size (inch)</b>	0.32	0.32	0.32	0.5	0.5	0.5	0.52	0.52
<b>Actuator Type</b>	Mini, Industrial	Mini, Industrial	Mini, Industrial	Industrial	Industrial	Industrial	Industrial	Industrial
<b>Motor Type</b>	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor
<b>Screw Type</b>	ACME	ACME	ACME	ACME	ACME	ACME	ACME	ACME
<b>Stroke Rod Material</b>	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel 304	Stainless Steel	Stainless Steel (SUS304)	Stainless Steel (SUS304)
<b>Housing Material</b>	Aluminum 6062	Anodic Oxidation (Standard), Porcelain Plating (Salt Spray Rating)	Anodic Oxidation	Aluminum 6062	Stainless Steel	Stainless Steel	Aluminum Alloy	Aluminum Alloy
<b>Gear Material</b>	Polyformaldehyde	Polyoxymethylene	Polyoxymethylene	Powder Metallurgy Steel Alloy	Powder Metallurgy Steel Alloy	Powder Metallurgy Steel Alloy	Powder Metallurgy/ Die-Casting	Powder Metallurgy/ Die-Casting
<b>Certifications</b>	CE, RoHS	UL (Custom order)	UL (Custom order)	CE	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS
<b>Compatible Mounting Brackets</b>	BRK-09, BRK-10	BRK-09	BRK-09	BRK-17	BRK-17	BRK-17	BRK-17	BRK-17

## Mini Actuators

				
<b>In-stock Model</b>	PA-09	PA-10	PA-10-HALL	PA-01
<b>Voltage (VDC)</b>	12	12	12; 24	12; 24
<b>Stroke (inch)</b>	2 to 40	2 to 36	2 to 24	1 to 40
<b>Dynamic Force (lbs)</b>	330	450	450	16; 28; 56; 112; 169; 225
<b>Static Force</b>	330	450	450	16; 28; 56; 112; 169; 225
<b>Speed - No Load (inch/sec)</b>	0.39	0.28	0.28; 0.56	3.54; 1.89; 1.38; 0.94; 0.39; 0.28
<b>Speed - Full Load (inch/sec)</b>	0.27	0.16	0.16; 0.33	2.66; 1.38; 1.02; 0.67; 0.30; 0.20
<b>Current - No Load (A)</b>	1.5	1.5	1.5	≤ 1.5; ≤ 0.8
<b>Current - Full Load (A)</b>	4	6	6; 4	≤ 4; ≤ 2
<b>Additional Features</b>	✘	400-hour Salt Spray Rating (Salt Spray Rating Unit Only)	Hall Effect Sensors	✘
<b>Feedback</b>	✘	✘	✔	✘
<b>Duty Cycle</b>	25%	20%	20%	25%
<b>Weather Protection</b>	IP66	IP68M, IP69K Static	IP68M, IP69K Static	IP65
<b>Overload Protection</b>	✘	✘	✘	✘
<b>Operational Temperature (°C)</b>	-20 to 65	-20 to 70	-20 to 70	-10 to 50
<b>Operating Noise</b>	<45 dBA	<45 dBA	<45 dBA	<45 dBA
<b>Limit Switch</b>	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)
<b>Cable Length (inch)</b>	40	60	60	40
<b>Connector</b>	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 6-Pin	Molex Mini-Fit Jr 2-Pin
<b>Front Mounting Hole Size (inch)</b>	0.32	0.32	0.32	0.25
<b>Rear Mounting Hole Size (inch)</b>	0.32	0.32	0.32	0.25
<b>Actuator Type</b>	Mini, Industrial	Mini, Industrial	Mini, Industrial	Mini, Industrial
<b>Motor Type</b>	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor
<b>Screw Type</b>	ACME	ACME	ACME	ACME
<b>Stroke Rod Material</b>	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
<b>Housing Material</b>	Aluminum 6062	Anodic Oxidation (Standard), Porcelain Plating (Salt Spray Rating)	Anodic Oxidation	Aluminum 6062
<b>Gear Material</b>	Polyformaldehyde	Polyoxymethylene	Polyoxymethylene	Polyformaldehyde or Powder Metallurgy Steel Alloy
<b>Certifications</b>	CE, RoHS	UL (Custom order)	UL (Custom order)	N/A
<b>Compatible Mounting Brackets</b>	BRK-09, BRK-10	BRK-09	BRK-09	BRK-14

## Standard Actuators

				
<b>In-stock Model</b>	PA-03	PA-04	PA-04-HS	PA-QR1
<b>Voltage (VDC)</b>	12	12; 24	12; 24	12
<b>Stroke (inch)</b>	4 to 24	2 to 40	6 to 40	4 to 14
<b>Dynamic Force (lbs)</b>	200; 600	100; 400	400; 900	675
<b>Static Force</b>	200; 600	100; 400	400; 900	1000
<b>Speed - No Load (inch/sec)</b>	1.6; 0.31	2.8; 0.98	0.51; 0.26	0.3
<b>Speed - Full Load (inch/sec)</b>	0.86; 0.19	2.16; 0.78	0.35; 0.16	0.22
<b>Current - No Load (A)</b>	2	4	2.5; 1; 1.5	1.5
<b>Current - Full Load (A)</b>	9; 7.6	12	8; 7; 4	6
<b>Additional Features</b>	✘	✘	Hall Effect Sensors	Quick Release, Safety Nut and Anti-Pinching
<b>Feedback</b>	✘	✘	✔	✘
<b>Duty Cycle</b>	20%	20%	20%	10%
<b>Weather Protection</b>	IP43	IP66	IP66	IP66
<b>Overload Protection</b>	✘	✘	✘	✘
<b>Operational Temperature (°C)</b>	-25 to 65	-25 to 65	-25 to 65	0 to 50
<b>Operating Noise</b>	<45 dBA	<45 dBA	<45 dBA	<48 dBA
<b>Limit Switch</b>	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)
<b>Cable Length (inch)</b>	40	40	40	40
<b>Connector</b>	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 6-Pin	Molex Mini-Fit Jr 2-Pin
<b>Front Mounting Hole Size (inch)</b>	0.4	0.4	0.4	0.4
<b>Rear Mounting Hole Size (inch)</b>	0.4	0.4	0.4	0.4
<b>Actuator Type</b>	Mid-size	Mid-size	Mid-size	Mid-size
<b>Motor Type</b>	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor
<b>Screw Type</b>	ACME	ACME	ACME	ACME
<b>Stroke Rod Material</b>	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	304 Stainless Steel
<b>Housing Material</b>	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	PA66 + 33GF
<b>Gear Material</b>	Polyformaldehyde	Polyformaldehyde	Polyformaldehyde	Polyoxymethylene
<b>Certifications</b>	CE, RoHS	CE, RoHS	CE, RoHS	CE, IEC
<b>Compatible Mounting Brackets</b>	BRK-02 (Motor end only) BRK-01 (Motor end only, models up to 400 lbs)	BRK-01, BRK-02	BRK-01, BRK-02	BRK-02

## Track Actuators



In-stock Model	PA-18
Voltage (VDC)	12
Stroke (inch)	2 to 60
Dynamic Force (lbs)	150
Static Force	100
Speed - No Load (inch/sec)	1.5
Speed - Full Load (inch/sec)	0.98
Current - No Load (A)	2.5
Current - Full Load (A)	8
Additional Features	✕
Feedback	✕
Duty Cycle	20%
Weather Protection	IP20
Overload Protection	✕
Operational Temperature (°C)	-25 to 65
Operating Noise	<48 dBA
Limit Switch	Built-in (Non-adjustable)
Cable Length (inch)	60
Connector	Molex Mini-Fit Jr 2-Pin
Front Mounting Hole Size (inch)	0.26
Rear Mounting Hole Size (inch)	0.4
Actuator Type	Track
Motor Type	Brushed DC Motor
Screw Type	ACME
Stroke Rod Material	None
Housing Material	Aluminum Alloy
Gear Material	Polyformaldehyde
Certifications	CE, RoHS
Compatible Mounting Brackets	BRK-19, BRK-01

## Telescopic Actuators



In-stock Model	PA-TS1
Voltage (VDC)	24
Stroke (inch)	12 to 24
Dynamic Force (lbs)	270
Static Force	270
Speed - No Load (inch/sec)	0.59
Speed - Full Load (inch/sec)	0.39
Current - No Load (A)	1
Current - Full Load (A)	4.5
Additional Features	3 Stage Telescopic Configurations, HALL Effect Sensors
Feedback	✓
Duty Cycle	10%
Weather Protection	IP43
Overload Protection	✗
Operational Temperature (°C)	5 to 40
Operating Noise	<45 dBA
Limit Switch	Built-in (Non-adjustable)
Cable Length (inch)	60
Connector	Molex Mini-Fit Jr 6-Pin
Front Mounting Hole Size (inch)	0.39
Rear Mounting Hole Size (inch)	0.39
Actuator Type	Telescopic
Motor Type	Brushed DC Motor
Screw Type	ACME
Stroke Rod Material	Steel
Housing Material	Steel
Gear Material	Polyoxymethylene (POM)
Certifications	CE, RoHS
Compatible Mounting Brackets	BRK-02, BRK-01



																				
In-stock Model	PA-01	PA-03	PA-04	PA-04-HS	PA-06	PA-09	PA-10	PA-10-HALL	PA-12-R	PA-12-T	PA-13	PA-17	PA-17P	PA-18	PA-HD1	PA-HD1-HALL	PA-QR1	PA-TS1	PA-MC1	PA-ST1
Voltage (VDC)	12; 24	12	12; 24	12; 24	12	12; 24	12; 24	12; 24	12	7.4; 12	12	12; 24	12; 24	12	12; 24	24	12	24	12	12
Stroke (inch)	1 to 40	4 to 24	2 to 40	6 to 40	2 to 24	2 to 40	2 to 36	2 to 24	1.06; 2.2	1.06	4 to 40	1 to 40	1 to 24	2 to 60	4 to 40	4 to 40	4 to 14	12 to 24	0.5 to 8	1 to 24
Dynamic Force (lbs)	16; 28; 56; 112; 169; 225	200; 600	100; 400	400; 900	22; 180	330	450	450	3.82; 4.5; 17.5; 22.48	1.37; 2.69	719; 3000	850; 2000	2000	150	450; 899; 1574	1574	675	270	8; 11; 17; 39	56
Static Force	16; 28; 56; 112; 169; 225	200; 600	100; 400	400; 900	33; 360	330	450	450	1.57; 17.5; 22.48	0.67; 2.69	899; 3372	1700; 4000	4000	100	899; 1574; 2248	2248	1000	270	8; 15; 24; 56	225
Speed - No Load (inch/sec)	3.54; 1.89; 1.38; 0.94; 0.39; 0.28	1.6; 0.31	2.8; 0.98	0.51; 0.26	1.38; 0.47	0.39	0.28	0.28, 0.56	3.15; 0.3	1.42; 0.47	0.24; 1.46	0.66; 0.33	0.33	1.5	1.37; 0.66; 0.33	0.33	0.3	0.59	1.85; 1.18; 0.71; 0.31	5.9
Speed - Full Load (inch/sec)	2.66; 1.38; 1.02; 0.67; 0.30; 0.20	0.86; 0.19	2.16; 0.78	0.35; 0.16	1.18; 0.27	0.27	0.16	0.16, 0.33	2.67; 0.26; 0.25	0.94; 0.35; 0.99; 0.41	0.16; 0.91	0.55; 0.27	0.27	0.98	1.11; 0.55; 0.27	0.27	0.22	0.39	1.18; 0.75; 0.51; 0.24	4.72
Current - No Load (A)	≤ 1.5; ≤ 0.8	2	4	2.5; 1; 1.5	0.6	1.5	1.5	1.5	0.03	0.03	4	3.5; 1.8	3.5; 1.8	2.5	3.5; 1.8	1.8	1.5	1	≤ 0.2	1.8
Current - Full Load (A)	≤ 4; ≤ 2	9; 7.6	12	8; 7; 4	2.5; 3.7	4	6	6; 4	2.3	0.46; 0.33	20	20; 10	20; 10	8	20; 10	10	6	4.5	≤ 0.7; ≤ 0.55; ≤ 0.5; ≤ 0.6	9.5
Additional Features	✘	✘	✘	Hall Effect Sensors	✘	✘	400-hour Salt Spray Rating (Salt Spray Rating Unit Only)	Hall Effect Sensors	RS-485 Communication	TTL or PWM Communication	Manual Override	✘	Potentiometer Feedback	✘	✘	Hall Effect Sensors	Quick Release, Safety Nut and Anti-Pinching	3 Stage Telescopic Configurations, HALL Effect Sensors	✘	✘
Feedback	✘	✘	✘	✔	✘	✘	✘	✔	✔	✔	✘	✘	✔	✘	✘	✔	✘	✔	✘	✘
Duty Cycle	25%	20%	20%	20%	10%	25%	20%	20%	50%	50%	20%	25%	25%	20%	10%	10%	10%	10%	20%	15%
Weather Protection	IP65	IP43	IP66	IP66	IP67M	IP66	IP68M, IP69K Static	IP68M, IP69K Static	IP54	IP54	IP66	IP65	IP65	IP20	IP65	IP65	IP66	IP43	IP65	IP66
Overload Protection	✘	✘	✘	✘	✘	✘	✘	✘	LED Indication	LED Indication	Built-in Shutoff	Mechanical Slip Clutch	Mechanical Slip Clutch	✘	Mechanical Slip Clutch	Mechanical Slip Clutch	✘	✘	✔	✘
Operational Temperature (°C)	-10 to 50	-25 to 65	-25 to 65	-25 to 65	-20 to 60	-20 to 65	-20 to 70	-20 to 70	-10 to 60	-10 to 60	-40 to 60	-25 to 65	-25 to 65	-25 to 65	-25 to 65	-25 to 65	0 to 50	5 to 40	-10 to 50	-20 to 60
Operating Noise	<45 dBA	<45 dBA	<45 dBA	<45 dBA	<60 dBA	<45 dBA	<45 dBA	<45 dBA	<50 dBA	<50 dBA	<90 dBA	<45 dBA	<45 dBA	<48 dBA	65 dBA	65 dBA	<48 dBA	<45 dBA	<60 dBA	60 dB
Limit Switch	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	✘	✘	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)	Built-in (Non-adjustable)
Cable Length (inch)	40	40	40	40	59	40	60	60	9	9	40	40	40	60	40	40	40	60	12	59
Connector	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 6-Pin	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 6-Pin	Molex Micro-Latch 4-Pin	Molex Mini-SPOX 3-Pin	TE Universal Mate-N-Lok 2-Pin	Molex Mini-Fit Jr 2-Pin	Tinned Wire Leads	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 6-Pin	Molex Mini-Fit Jr 2-Pin	Molex Mini-Fit Jr 6-Pin	2.54mm 2-Pin Female Connector (Standard)	Molex Mini-Fit Jr 2-Pin
Front Mounting Hole Size (inch)	0.25	0.4	0.4	0.4	0.47	0.32	0.32	0.32	0.14	0.14	0.5	0.5	0.5	0.26	0.52	0.52	0.4	0.39	0.32	0.31
Rear Mounting Hole Size (inch)	0.25	0.4	0.4	0.4	0.39	0.32	0.32	0.32	0.15	0.15	0.5	0.5	0.5	0.4	0.52	0.52	0.4	0.39	0.32	0.31
Actuator Type	Mini, Industrial	Mid-size	Mid-size	Mid-size	Tubular	Mini, Industrial	Mini, Industrial	Mini, Industrial	Micro	Micro	Industrial	Industrial	Industrial	Track	Industrial	Industrial	Mid-size	Telescopic	Micro	Tubular
Motor Type	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Coreless DC Motor	Cored DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor	Brushed DC Motor
Screw Type	ACME	ACME	ACME	ACME	Trapezoid	ACME	ACME	ACME	Metric Coarse Thread	Metric Coarse Thread	ACME	ACME	ACME	ACME	ACME	ACME	ACME	ACME	ACME	ACME
Stroke Rod Material	Stainless Steel	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Stainless Steel 304	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel 304	Stainless Steel	None	Stainless Steel (SUS304)	Stainless Steel (SUS304)	304 Stainless Steel	Steel	Stainless Steel	Stainless Steel 304
Housing Material	Aluminum Alloy 6062	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum 6063	Aluminum 6062	Anodic Oxidation (Standard), Porcelain Plating (Salt Spray Rating)	Anodic Oxidation	Polyformaldehyde	Polyformaldehyde	Aluminum 6062	Stainless Steel	Stainless Steel	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	PA66 + 33GF	Steel	PA66-GF35	Aluminum 6063
Gear Material	Polyformaldehyde or Powder Metallurgy Steel Alloy	Polyformaldehyde	Polyformaldehyde	Polyformaldehyde	Polyformaldehyde	Polyformaldehyde	Polyoxymethylene	Polyoxymethylene	Polyketone	Polyketone	Powder Metallurgy Steel Alloy	Powder Metallurgy Steel Alloy	Powder Metallurgy Steel Alloy	Polyformaldehyde	Powder Metallurgy/ Die-Casting	Powder Metallurgy/ Die-Casting	Polyoxymethylene	Polyoxymethylene (POM)	N/A	Powder Metallurgy, No. 45 Steel
Certifications	N/A	CE, RoHS	CE, RoHS	CE, RoHS	CE	CE, RoHS	UL (Custom order)	UL (Custom order)	CE	CE	CE	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS	CE, IEC	CE, RoHS	N/A	CE
Compatible Mounting Brackets	BRK-14	BRK-02 (Motor end only) BRK-01 (Motor end only, models up to 400 lbs)	BRK-01, BRK-02	BRK-01, BRK-02	BRK-06, BRK-16	BRK-09, BRK-10	BRK-09	BRK-09	BRK-12 (1.06" Stroke Only)	BRK-12 (1.06" Stroke Only)	BRK-17	BRK-17	BRK-17	BRK-19, BRK-01	BRK-17	BRK-17	BRK-02	BRK-02, BRK-01	BRK-MC1	BRK-09