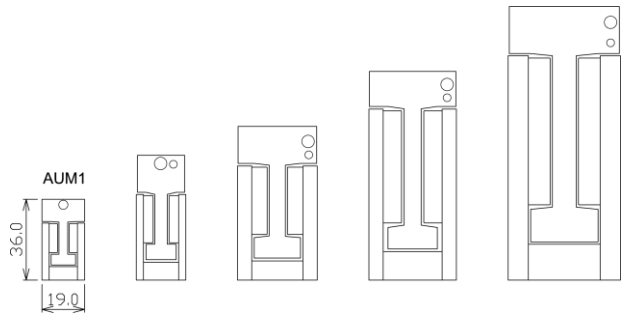
AUM Series (Patented)

Ironless Brushless Linear Motor

- **Ironless technology**
- **Zero cogging force**
- **Patented technology**
- **Ironless linear motors with the highest motor constant and shortest coils lengths**
- **Large continuous force and peak force**

AUM1 Specifications

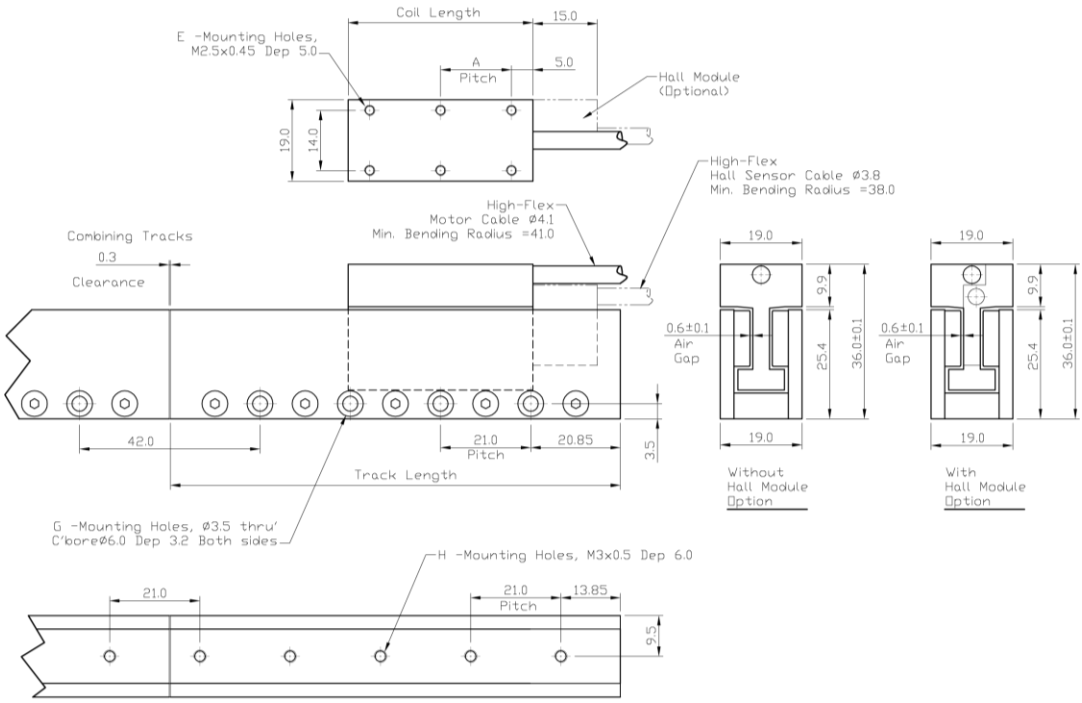
- Maximum continuous force of 11.9 N
- Maximum peak force of 47.6 N



Specifications		AUM1-S1	AUM1-S2	AUM1-S3	AUM1-S4	AUM1-S5
Performance Parameters	**Unit**	**Series**	**Series**	**Series**	**Series**	**Series**
Continuous Force, coil @100°C	N	3.0	6.0	8.9	11.9	14.9
Peak Force	N	11.9	23.8	35.7	47.6	59.5
Motor Constant	N/Sqrt(W)	1.67	2.42	2.98	3.46	3.87
Continuous Power	W	3.2	6.1	9.0	11.8	14.7
Peak Power	W	50.9	97.1	143.3	189.6	235.8
Electrical Cycle	mm	21	21	21	21	21
Max Coil Temperature	°C	125	125	125	125	125
Thermal Dissipation Constant	W/°C	0.04	0.08	0.12	0.16	0.20
Continuous current	Arms	1.7	1.7	1.7	1.7	1.7
Peak current	Arms	6.8	6.8	6.8	6.8	6.8
Max bus Voltage	Vdc	60.0	60.0	60.0	60.0	60.0
Force Constant	N/Arms	1.75	3.50	5.25	7.00	8.75
Back EMF Constant	Vpeak/(m/s)	1.4	2.9	4.3	5.7	7.1
Inductance	mH	0.11	0.22	0.31	0.41	0.51
Terminal Resistance @25°C	ohms	1.10	2.10	3.10	4.10	5.10
Electrical Time Constant	ms	0.10	0.10	0.10	0.10	0.10
Mechanical Parameters						
Coil Mass	g	25.0	50.0	75.0	100.0	125.0
Coil Length	mm	22	43	64	85	106
Track Mass (per 63 mm)	g	149				149
Magnetic Attraction	N	0				0

Continuous current is measured with coil mounted to an aluminum plate with same length as coil, 2X width, and thickness 12mm.

AUM1 Series Dimensions



Motor Coil			
Model No:	Coil Length	E	A
AUM1-S1	22.0	4	12.0
AUM1-S2	43.0	6	16.5
AUM1-S3	64.0	8	18.0
AUM1-S4	85.0	8	25.0

Motor Track			
Model No:	Track Length	G	H
AUM1-TL63	62.7	2	3
AUM1-TL84	83.7	3	4
AUM1-TL105	104.7	4	5

Part Numbering

Motor Coil

Model	Connection	Size	Hall Options	Cable Length (m)	Ferrite Bead Options
AUM1	S = Series	S1-S4	Blank[1] H9D[2] NH[3]	0.3 (300mm) 1.0 (1000mm)	Blank[4] FB[5]

Example: AUM1-S-S2-0.3 ; AUM1-S-NH-0.3 ; AUM1-S-S2-H9D-0.3 ; AUM1-S-S2-H9D-0.3-FB

Motor Track

Model	Track Length
AUM1	TL63/ TL84/ TL105

Example: AUM1-TL63

1 Blank = comes with hall module & hall cable terminated in flying leads. (standard)

2 H9D = comes with hall module & hall cable terminated with 9-Pins D-Sub connector.

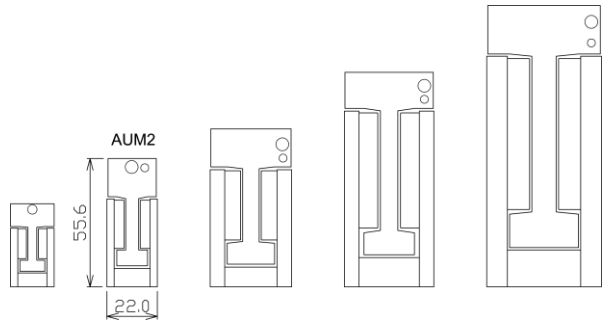
3 NH = comes without hall module.

4 Blank = motor cable terminated in flying leads. (standard)

5 FB = motor cable terminated with ferrite beads.

AUM2 Specifications

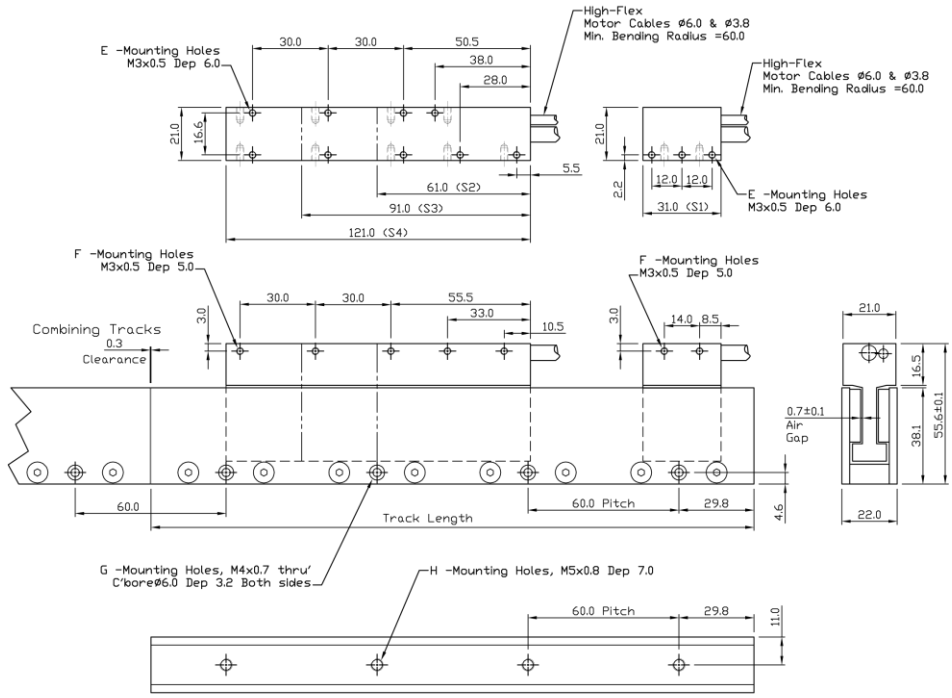
- Maximum continuous force of 70 N
- Maximum peak force of 352 N



Specifications		AUM2-S1	AUM2-S2		AUM2-S3		AUM2-S4		AUM2-S8	
Performance Parameters	**Unit**	**Series**	**Series**	**Parallel**	**Series**	**Parallel**	**Series**	**Parallel**	**Series**	**Parallel**
Continuous Force, coil @100°C	N	8.8	17.6		26.4		35.2		70.4	
Peak Force	N	44.0	88.0		132.0		176.0		352.0	
Motor Constant	N/Sqrt(W)	3.05	4.31		5.28		6.10		8.63	
Continuous Power	W	8.3	16.6		25.0		33.3		66.6	
Peak Power	W	208	416		624		832		1,664	
Electrical Cycle	mm	30	30		30		30		30	
Max Coil Temperature	°C	125	125		125		125		125	
Thermal Dissipation Constant	W/°C	0.11	0.22		0.33		0.44		0.89	
Continuous current	Arms	1.6	1.6	3.2	1.6	3.2	1.6	3.2	1.6	3.2
Peak current	Arms	8.0	8.0	16.0	8.0	16.0	8.0	16.0	8.0	16.0
Max bus Voltage	Vdc	330.0	330.0	330.0	330.0	330.0	330	330		
Force Constant	N/Arms	5.5	11.0	5.5	16.5	8.3	22.0	11.0	44.0	22.0
Back EMF Constant	Vpeak/(m/s)	4.5	9.0	4.5	13.5	6.7	18.0	9.0	35.9	18.0
Inductance	mH	0.75	1.50	0.38	2.25	0.56	3.00	0.75	6.00	1.50
Terminal Resistance @25°C	ohms	3.25	6.50	1.63	9.75	2.44	13.00	3.25	26.00	6.50
Electrical Time Constant	ms	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
Mechanical Parameters										
Coil Mass	kg	0.059	0.118		0.177		0.236		0.472	
Coil Length	mm	31	61		91		121		241	
Track Mass (per 120 mm)	kg	0.468							0.468	
Magnetic Attraction	N	0							0	

Continuous current is measured with coil mounted to an aluminum plate with same length as coil, 2X width, and thickness 12 mm

AUM2 Series Dimensions



Motor Coil			
Model No:	Coil Length	E	F
AUM2-S1	31.0	3	2
AUM2-S2	61.0	5	5
AUM2-S3	91.0	7	7
AUM2-S4	121.0	9	9

Motor Track			
Model No:	Track Length	G	H
AUM2-TL120	119.7	2	2
AUM2-TL180	179.7	3	3
AUM2-TL240	239.7	4	4
AUM2-TL300	299.7	5	5

Part Numbering

Motor Coil

Model	Connection	Size	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
AUM2	S = Series P = Parallel[1]	S1-S4, S8	K = PT100 (RTD)[2]	Blank[3] H9D[4]	3.0	Blank[5] NFB[6]

Example: AUM2-S-S2-K-3.0 ; AUM2-S-S2-K-3.0-NFB ; AUM2-S-S2-K-H9D-3.0 ; AUM2-S-S2-K-H9D-3.0-NFB

Motor Track

Model	Track Length
AUM2	TL120/ TL180/ TL240/ TL300

Example: AUM2-TL120

1 Parallel connection is not applicable to S1 motor coil.

2 K = PT100 (RTD) is standard for AUM2, Thermostat is not available.

3 Blank = comes with built-in hall sensor & hall cable terminated in flying leads. (standard)

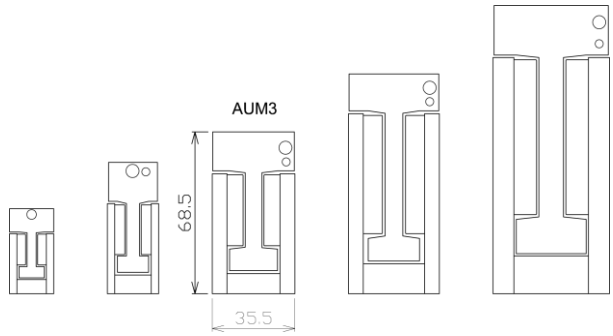
4 H9D = comes with built-in hall sensor & hall cable terminated with 9-Pins D-Sub connector.

5 Blank = motor cable terminated with ferrite bead. (standard)

6 NFB = motor cable terminated in flying leads.

AUM3 Specifications

- Maximum continuous force of 220 N
- Maximum peak force of 867 N

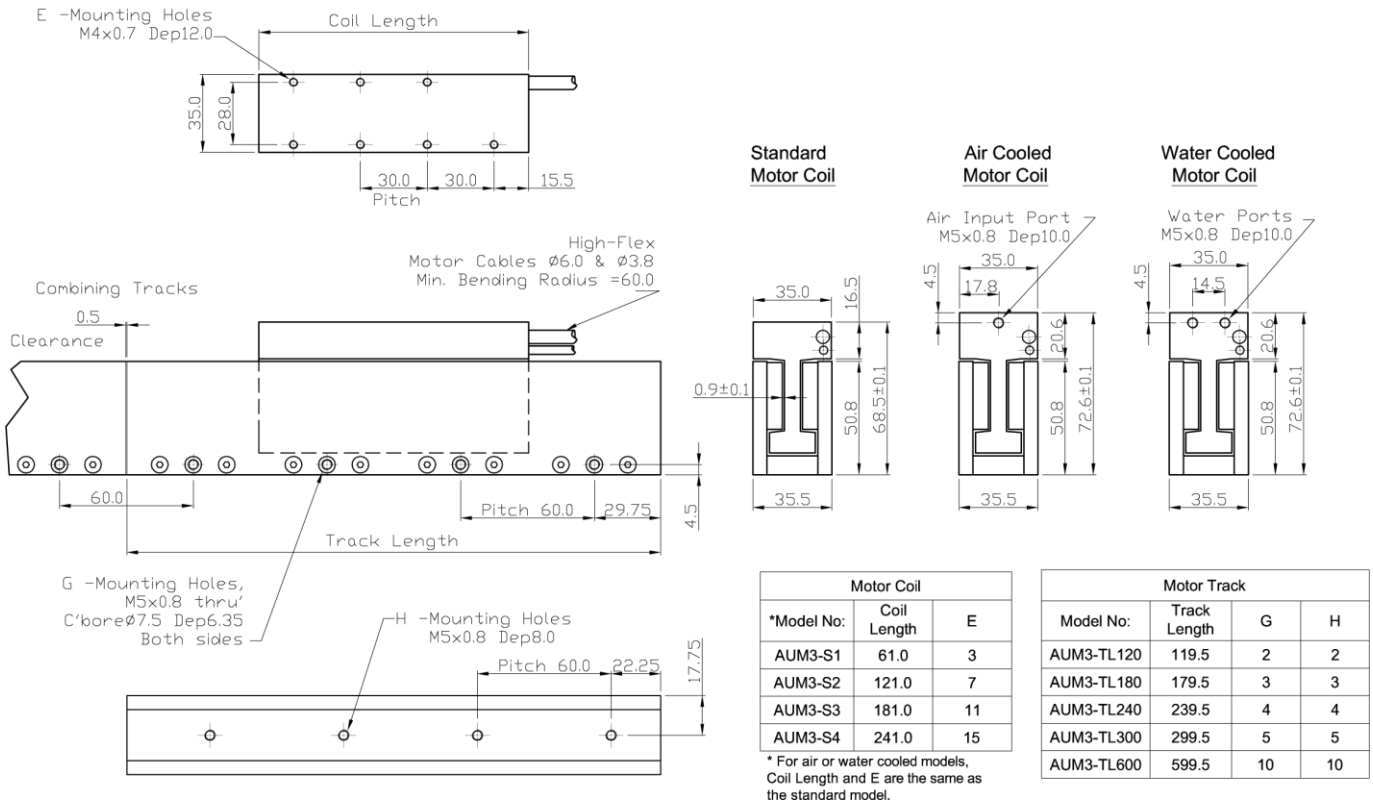


Specifications		AUM3-S1	AUM3-S2		AUM3-S3		AUM3-S4		AUM3-S6	
Performance Parameters	**Unit**	**Series**	**Series**	**Parallel**	**Series**	**Parallel**	**Series**	**Parallel**	**Series**	**Parallel**
Continuous Force, coil @100°C	N	28	57		85		113		170	
Continuous Force, AC, coil @100°C	N	34	68		102		136		203	
Continuous Force, WC, coil @100°C	N	37	73		110		147		220	
Peak Force	N	144	289		433		578		867	
Motor Constant	N/Sqrt(W)	7.2	10.2		12.5		14.5		17.7	
Continuous Power	W	15.2	30.5		45.7		60.9		91.4	
Peak Power	W	398	796		1,193		1,591		2,387	
Electrical Cycle	mm	60	60		60		60		60	
Max Coil Temperature	°C	125	125		125		125		125	
Thermal Dissipation Constant	W/°C	0.20	0.41		0.61		0.81		1.22	
Continuous current	Arms	1.8	1.8	3.6	1.8	3.6	1.8	3.6	1.8	3.6
Continuous current, AC	Arms	2.2	2.2	4.3	2.2	4.3	2.2	4.3	2.2	4.3
Continuous current, WC	Arms	2.3	2.3	4.7	2.3	4.7	2.3	4.7	2.3	4.7
Peak current	Arms	9.2	9.2	18.4	9.2	18.4	9.2	18.4	9.2	18.4
Max bus Voltage	Vdc	330.0	330.0	330.0	330.0	330.0	330.0	330.0	330.0	330.0
Force Constant	N/Arms	15.7	31.4	15.7	47.1	23.6	62.8	31.4	94.2	47.1
Back EMF Constant	Vpeak/(m/s)	12.8	25.6	12.8	38.5	19.2	51.3	25.6	76.9	38.5
Inductance	mH	3.13	6.26	1.57	9.39	2.35	12.52	3.13	18.78	4.70
Terminal Resistance @25°C	ohms	4.70	9.40	2.35	14.10	3.53	18.80	4.70	28.20	7.05
Electrical Time Constant	ms	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
Mechanical Parameters										
Coil Mass	kg	0.22	0.45		0.68		0.91		1.37	
Coil Length	mm	61	121		181		241		361	
Track Mass (per 120 mm)	kg	1.00								
Magnetic Attraction	N	0								

AC- Air Cool, WC-Water Cool

Continuous current is measured with coil mounted to an aluminum plate with same length as coil, 2X width, and thickness 12 mm

AUM3 Series Dimensions



Motor Coil		
*Model No:	Coil Length	E
AUM3-S1	61.0	3
AUM3-S2	121.0	7
AUM3-S3	181.0	11
AUM3-S4	241.0	15

* For air or water cooled models, Coil Length and E are the same as the standard model.

Motor Track			
Model No:	Track Length	G	H
AUM3-TL120	119.5	2	2
AUM3-TL180	179.5	3	3
AUM3-TL240	239.5	4	4
AUM3-TL300	299.5	5	5
AUM3-TL600	599.5	10	10

Part Numbering

Motor Coil

Model	Cooling Options	Connection	Size	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
AUM3	Blank = Natural Convection A = Air Cooled W = Water Cooled	S = Series P = Parallel[1]	S1-S4, S6	J = Thermostat (standard) K = PT100 (RTD)	Blank[2] H9D[3]	3.0	Blank[4] NFB[5]

Example: AUM3-S-S2-J-3.0 ; AUM3-S-S2-J-3.0-NFB ; AUM3-S-S2-J-H9D-3.0 ; AUM3-S-S2-J-H9D-3.0-NFB

Motor Track

Model	Track Length
AUM3	TL120/ TL180/ TL240/ TL300/ TL600

Example: AUM3-TL600

1 Parallel connection is not applicable to S1 motor coil.

2 Blank = comes with built-in hall sensor & hall cable terminated in flying leads. (standard)

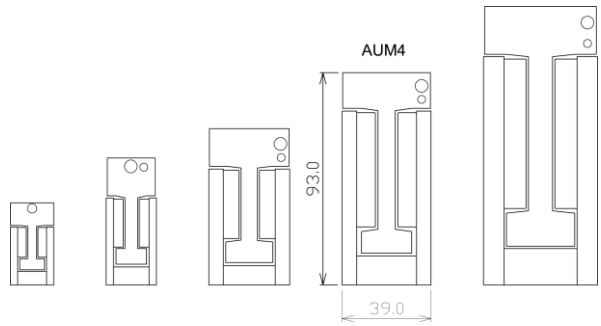
3 H9D = comes with built-in hall sensor & hall cable terminated with 9-Pins D-Sub connector.

4 Blank = motor cable terminated with ferrite bead. (standard)

5 NFB = motor cable terminated in flying leads.

AUM4 Specifications

- Maximum continuous force of 614 N
- Maximum peak force of 2496 N



Specifications		AUM4-S1	AUM4-S2		AUM4-S3		AUM4-S4	
Performance Parameters	**Unit**	**Series**	**Series**	**Parallel**	**Series**	**Parallel**	**Series**	**Parallel**
Continuous Force, coil @100°C	N	55	110		166		221	
Continuous Force, AC, coil @100°C	N	66	132		199		265	
Continuous Force, WC, coil @100°C	N	77	154		230		307	
Peak Force	N	312	624		936		1,248	
Motor Constant	N/Sqrt(W)	11.2	15.8		19.4		22.4	
Continuous Power	W	24.3	48.7		73.0		97.3	
Peak Power	W	777	1,555		2,332		3,110	
Electrical Cycle	mm	60	60		60		60	
Max Coil Temperature	°C	125	125		125		125	
Thermal Dissipation Constant	W/°C	0.32	0.65		0.97		1.30	
Continuous current	Arms	2.3	2.3	4.6	2.3	4.6	2.3	4.6
Continuous current, AC	Arms	2.8	2.8	5.5	2.8	5.5	2.8	5.5
Continuous current, WC	Arms	3.2	3.2	6.4	3.2	6.4	3.2	6.4
Peak current	Arms	13.0	13.0	26.0	13.0	26.0	13.0	26.0
Max bus Voltage	Vdc	330.0	330.0	330.0	330.0	330.0	330.0	330.0
Force Constant	N/Arms	24.0	48.0	24.0	72.0	36.0	96.0	48.0
Back EMF Constant	Vpeak/(m/s)	19.6	39.2	19.6	58.8	29.4	78.4	39.2
Inductance	mH	3.50	7.00	1.75	10.50	2.63	14.00	3.50
Terminal Resistance @25°C	ohms	4.60	9.20	2.30	13.80	3.45	18.40	4.60
Electrical Time Constant	ms	0.76	0.76	0.76	0.76	0.76	0.76	0.76
Mechanical Parameters								
Coil Mass	kg	0.28	0.56		0.89		1.19	
Coil Length	mm	61	121		181		241	
Track Mass (per 120 mm)	kg	1.77						
Magnetic Attraction	N	0						

AC- Air Cool, WC-Water Cool

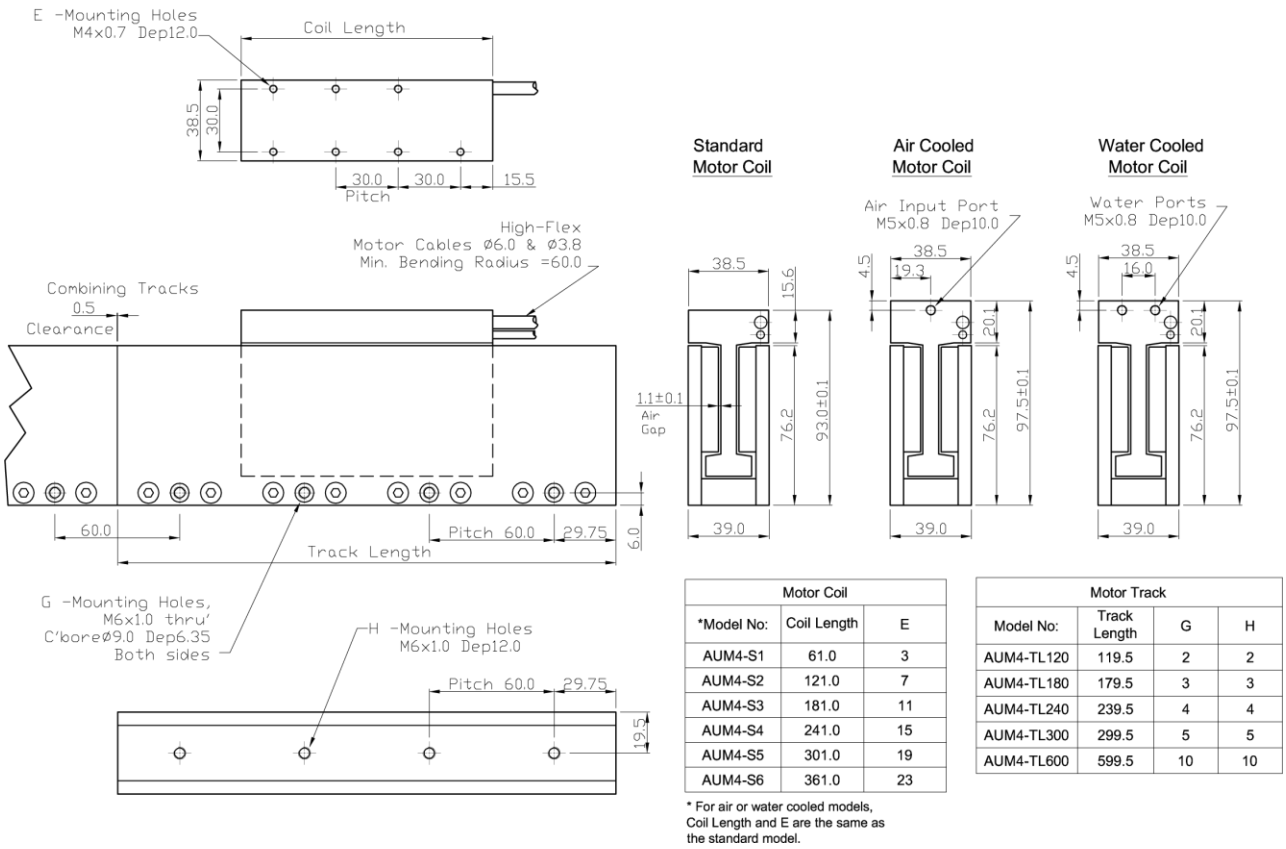
Continuous current is measured with coil mounted to an aluminum plate with same length as coil, 2X width, and thickness 12 mm

Specifications		AUM4-S5	AUM4-S6	AUM4-S8
Performance Parameters	**Unit**	**Parallel**	**Parallel**	**Parallel**
Continuous Force, coil @100°C	N	276	331	442
Continuous Force, AC, coil @100°C	N	331	397	530
Continuous Force, WC, coil @100°C	N	384	461	614
Peak Force	N	1,560	1,872	2,496
Motor Constant	N/Sqrt(W)	25.0	27.4	31.65
Continuous Power	W	121.7	146.0	194.7
Peak Power	W	3,887	4,664	6219.2
Electrical Cycle	mm	60	60	60
Max Coil Temperature	°C	125	125	125
Thermal Dissipation Constant	W/°C	1.62	1.95	2.60
Continuous current	Arms	4.6	4.6	4.6
Continuous current, AC	Arms	5.5	5.5	5.5
Continuous current, WC	Arms	6.4	6.4	6.4
Peak current	Arms	26.0	26.0	26.0
Max bus Voltage	Vdc	330.0	330.0	330.0
Force Constant	N/Arms	60.0	72.0	96.0
Back EMF Constant	Vpeak/(m/s)	49.0	58.8	78.4
Inductance	mH	4.38	5.25	7.00
Terminal Resistance @25°C	ohms	5.75	6.90	9.20
Electrical Time Constant	ms	0.76	0.76	0.76
Mechanical Parameters				
Coil Mass	kg	1.49	1.78	2.37
Coil Length	mm	301	361	481
Track Mass (per 120 mm)	kg	1.77		
Magnetic Attraction	N	0		

AC- Air Cool, WC-Water Cool

Continuous current is measured with coil mounted to an Aluminum plate with same length as coil, 2X width, and thickness 12 mm

AUM4 Series Dimensions



Motor Coil		
*Model No:	Coil Length	E
AUM4-S1	61.0	3
AUM4-S2	121.0	7
AUM4-S3	181.0	11
AUM4-S4	241.0	15
AUM4-S5	301.0	19
AUM4-S6	361.0	23

* For air or water cooled models, Coil Length and E are the same as the standard model.

Motor Track			
Model No:	Track Length	G	H
AUM4-TL120	119.5	2	2
AUM4-TL180	179.5	3	3
AUM4-TL240	239.5	4	4
AUM4-TL300	299.5	5	5
AUM4-TL600	599.5	10	10

Part Numbering

Motor Coil

Model	Cooling Options	Connection	Size	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
AUM4	Blank = Natural Convection A = Air Cooled W = Water Cooled	S = Series P = Parallel[1]	S1-S6, S8	J = Thermostat (standard) K = PT100 (RTD)	Blank[2] H9D[3]	3.0	Blank[4] NFB[5]

Example: AUM4-P-S4-J-3.0 ; AUM4-A-P-S4-J-3.0 ; AUM4-S-S2-J-3.0-NFB ; AUM4-S-S2-J-H9D-3.0

Motor Track

Model	Track Length
AUM4	TL120/ TL180/ TL240/ TL300/ TL600

Example: AUM4-TL600

1 Parallel connection is not applicable to S1 motor coil.

2 Blank = comes with built-in hall sensor & hall cable terminated in flying leads. (standard)

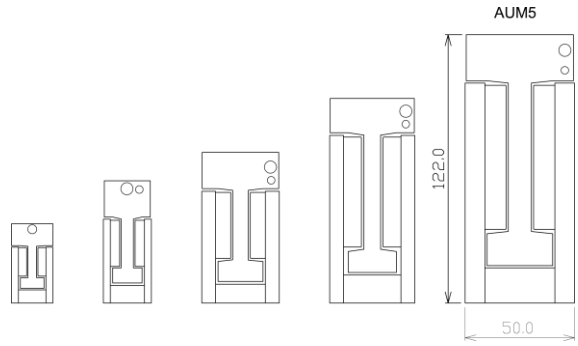
3 H9D = comes with built-in hall sensor & hall cable terminated with 9-Pins D-Sub connector.

4 Blank = motor cable terminated with ferrite bead. (standard)

5 NFB = motor cable terminated in flying leads.

AUM 5 Specifications

- Maximum continuous force of 1150 N
- Maximum peak force of 6367 N



Specifications		AUM5-S1	AUM5-S2		AUM5-S3	
Performance Parameters	**Unit**	**Series**	**Series**	**Parallel**	**Series**	**Parallel**
Continuous Force, coil @100°C	N	98	197		295	
Continuous Force, AC, coil @100°C	N	118	236		354	
Continuous Force, WC, coil @100°C	N	128	255		383	
Peak Force	N	707	1,415		2,122	
Motor Constant	N/Sqrt(W)	19.2	27.1		33.2	
Continuous Power	W	26.3	52.5		78.8	
Peak Power	W	1,361	2,722		4,082	
Electrical Cycle	mm	84.0	84.0		84.0	
Max Coil Temperature	°C	125	125		125	
Thermal Dissipation Constant	W/°C	0.35	0.70		1.05	
Thermal time constant	min	35.4	35.4		35.4	
Continuous current	Arms	2.5	2.5	5.0	2.5	5.0
Continuous current, AC	Arms	3.0	3.0	6.0	3.0	6.0
Continuous current, WC	Arms	3.3	3.3	6.5	3.3	6.5
Peak current	Arms	18.0	18.0	36.0	18.0	36.0
Max bus Voltage	Vdc	330.0	330.0	330.0	330.0	330.0
Force Constant	N/Arms	39.3	78.6	39.3	117.9	59.0
Back EMF Constant	Vpeak/(m/s)	32.1	64.2	32.1	96.3	48.1
Inductance	mH	6.50	13.00	3.25	19.50	4.88
Terminal Resistance @25°C	ohms	4.20	8.40	2.10	12.60	3.15
Electrical Time Constant	ms	1.55	1.55	1.55	1.55	1.55
Mechanical Parameters						
Coil Mass	kg	0.73	1.45		2.16	
Coil Length	mm	85.0	169.0		253.0	
Track Mass (per 168 mm)	kg	4.26				
Magnetic Attraction	N	0				

AC- Air Cool, WC-Water Cool

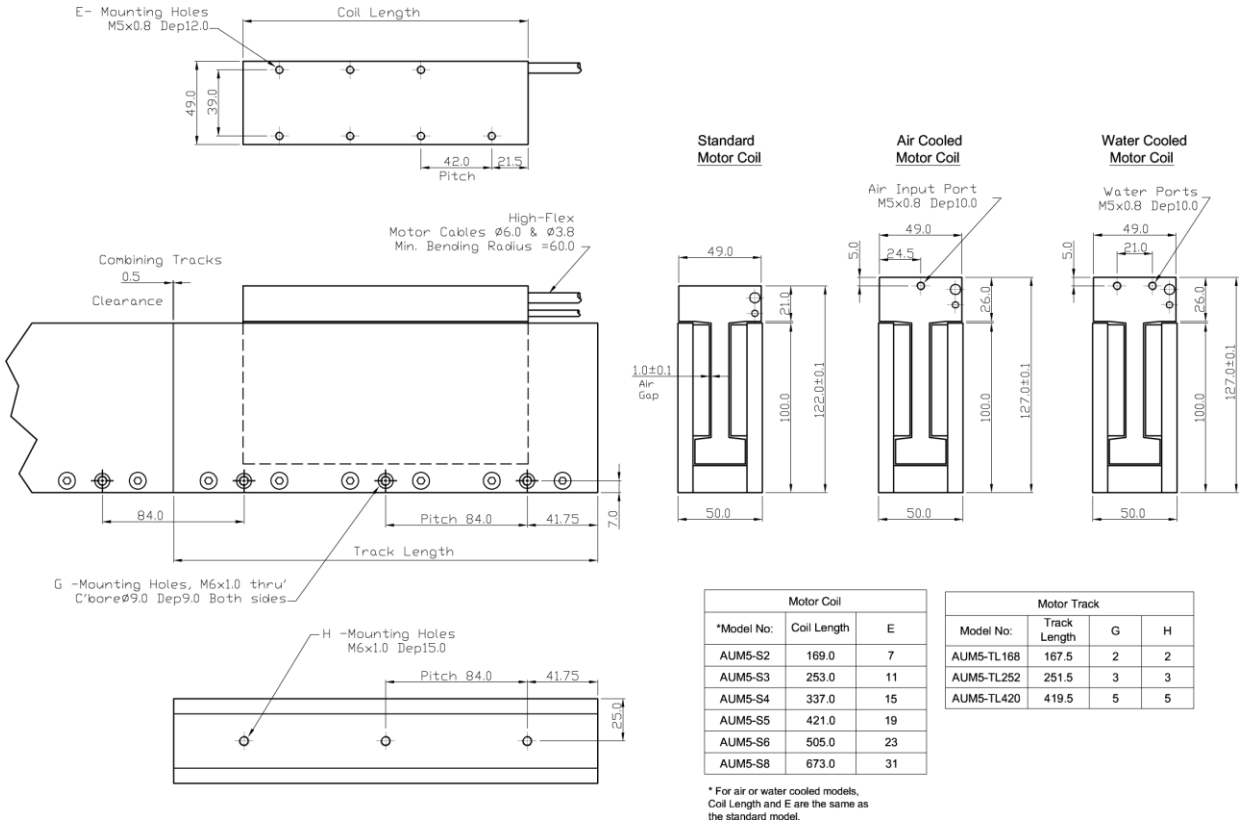
Continuous current is measured with coil mounted to an aluminum plate with same length as coil, 2X width, and thickness 12 mm

Specifications		AUM5-S4	AUM5-S5	AUM5-S6	AUM5-S8	AUM5-S9
Performance Parameters	**Unit**	**Parallel**	**Parallel**	**Parallel**	**Parallel**	**Parallel**
Continuous Force, coil @100°C	N	393	491	590	786	884
Continuous Force, AC, coil @100°C	N	472	590	707	943	1,061
Continuous Force, WC, coil @100°C	N	511	639	766	1,022	1,150
Peak Force	N	2,830	3,537	4,244	5,659	6,367
Motor Constant	N/Sqrt(W)	38.4	42.9	47.0	54.2	57.5
Continuous Power	W	105.0	131.3	157.5	210.0	236
Peak Power	W	5,443	6,804	8,165	10,886	12,247
Electrical Cycle	mm	84.0	84.0	84.0	84.0	84
Max Coil Temperature	°C	125	125	125	125	125
Thermal Dissipation Constant	W/°C	1.40	1.75	2.10	2.80	3.15
Thermal time constant	min	35.4	35.4	35.4	35.4	3.5.4
Continuous current	Arms	5.0	5.0	5.0	5.0	7.5
Continuous current, AC	Arms	6.0	6.0	6.0	6.0	9.0
Continuous current, WC	Arms	6.5	6.5	6.5	6.5	9.8
Peak current	Arms	36.0	36.0	36.0	36.0	54.0
Max bus Voltage	Vdc	330.0	330.0	330.0	330.0	330.0
Force Constant	N/Arms	78.6	98.3	117.9	157.2	117.9
Back EMF Constant	Vpeak/(m/s)	64.2	80.2	96.3	128.4	96.3
Inductance	mH	6.50	8.13	9.75	13.00	6.50
Terminal Resistance @25°C	ohms	4.20	5.25	6.30	8.40	4.20
Electrical Time Constant	ms	1.55	1.55	1.55	1.55	1.55
Mechanical Parameters						
Coil Mass	kg	2.88	3.60	4.32	5.76	6.48
Coil Length	mm	337.0	421.0	505.0	673.0	757.0
Track Mass (per 168 mm)	kg	4.26				
Magnetic Attraction	N	0				

AC- Air Cool, WC-Water Cool

Continuous current is measured with coil mounted to an aluminum plate with same length as coil, 2X width, and thickness 12 mm

AUM5 Series Dimensions



Motor Coil		
*Model No:	Coil Length	E
AUM5-S2	169.0	7
AUM5-S3	253.0	11
AUM5-S4	337.0	15
AUM5-S5	421.0	19
AUM5-S6	505.0	23
AUM5-S8	673.0	31

* For air or water cooled models, Coil Length and E are the same as the standard model.

Motor Track			
Model No:	Track Length	G	H
AUM5-TL168	167.5	2	2
AUM5-TL252	251.5	3	3
AUM5-TL420	419.5	5	5

Part Numbering

Motor Coil

Model	Cooling Options	Connection	Size	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
AUM5	Blank = Natural Convection A = Air Cooled W = Water Cooled	S = Series P = Parallel[1]	S1-S6, S8-S9	J = Thermostat (standard) K = PT100 (RTD)	Blank[2] H9D[3]	3.0	Blank[4] NFB[5]

Example: AUM5-P-S4-J-3.0 ; AUM5-A-P-S4-J-3.0 ; AUM5-S-S2-J-3.0-NFB ; AUM5-S-S2-J-H9D-3.0-NFB

Motor Track

Model	Track Length
AUM5	TL168/ TL252/ TL420

Example: AUM5-TL420

1 Parallel connection is not applicable to S1 motor coil.

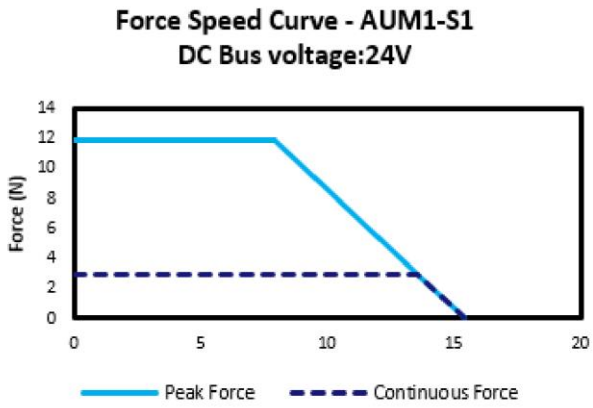
2 Blank = comes with built-in hall sensor & hall cable terminated in flying leads. (standard)

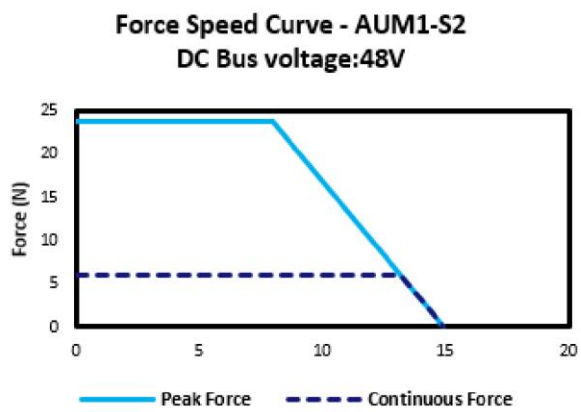
3 H9D = comes with built-in hall sensor & hall cable terminated with 9-Pins D-Sub connector.

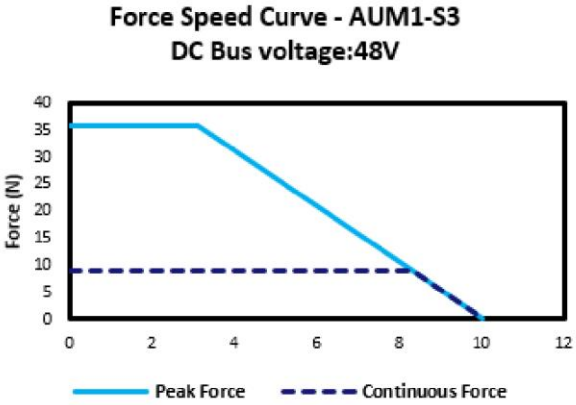
4 Blank = motor cable terminated with ferrite bead. (standard)

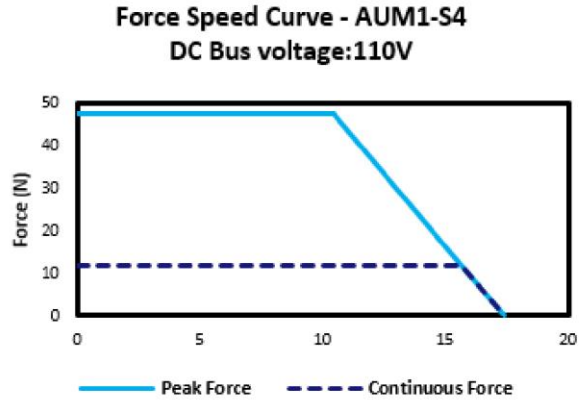
5 NFB = motor cable terminated in flying leads.

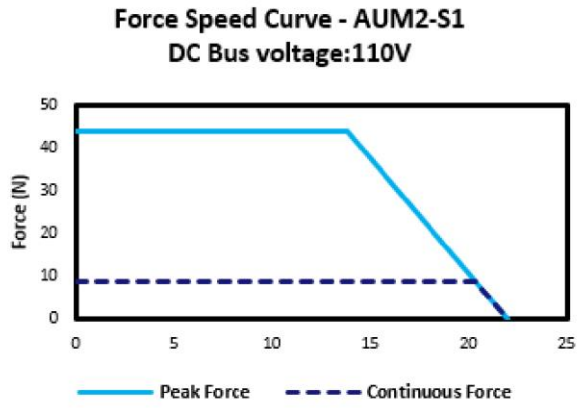
Force-Speed Curve

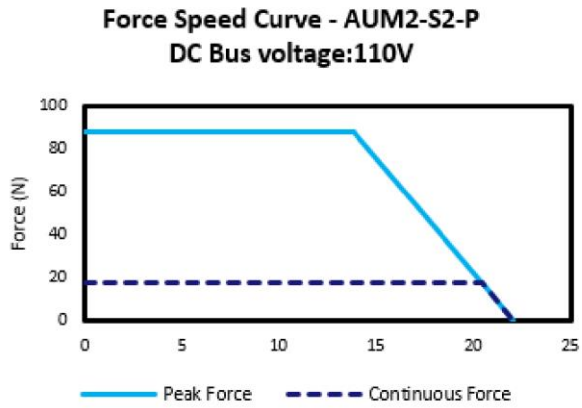




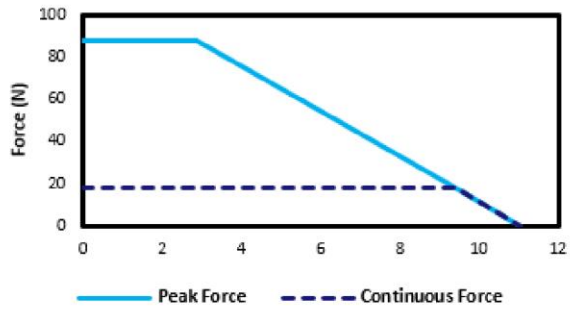




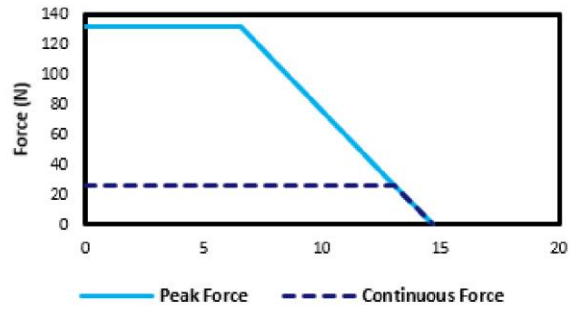




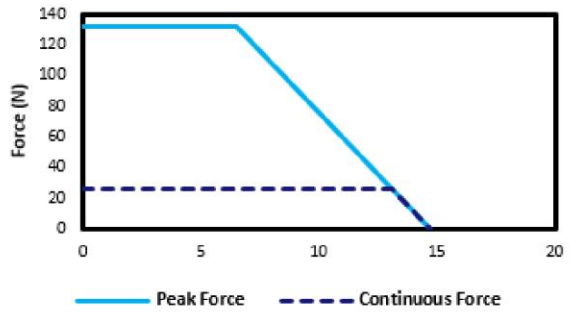
Force Speed Curve - AUM2-S2-S
DC Bus voltage:110V



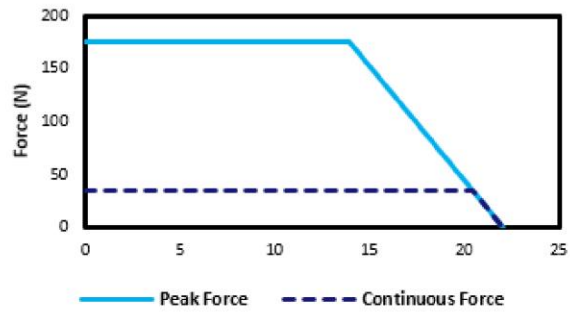
Force Speed Curve - AUM2-S3-P
DC Bus voltage:110V



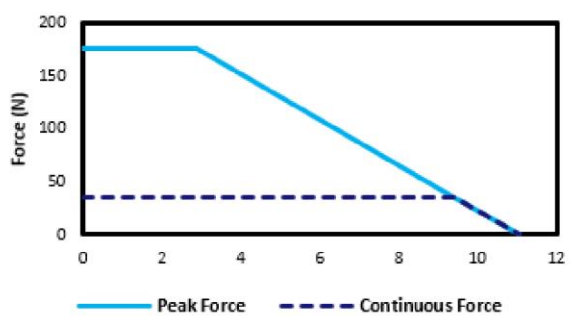
Force Speed Curve - AUM2-S3-S
DC Bus voltage:220V



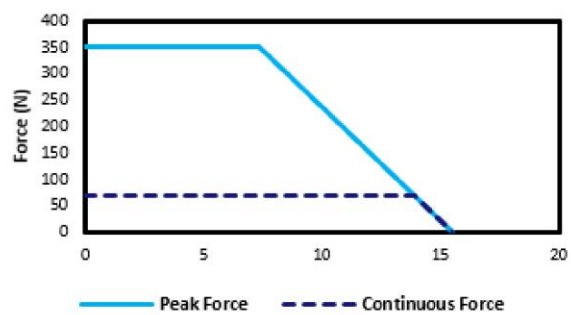
Force Speed Curve - AUM2-S4-P
DC Bus voltage:220V



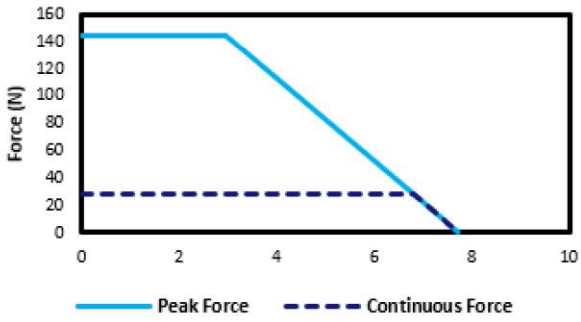
Force Speed Curve - AUM2-S4-S
DC Bus voltage:220V



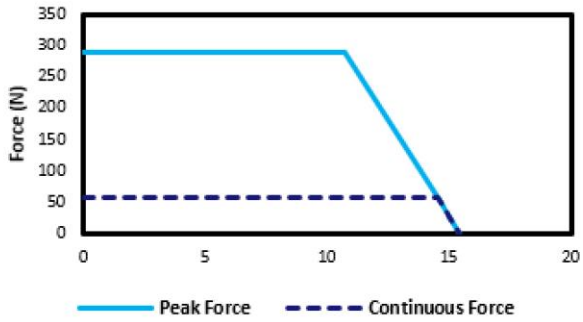
Force Speed Curve - AUM2-S8-P
DC Bus voltage:310V



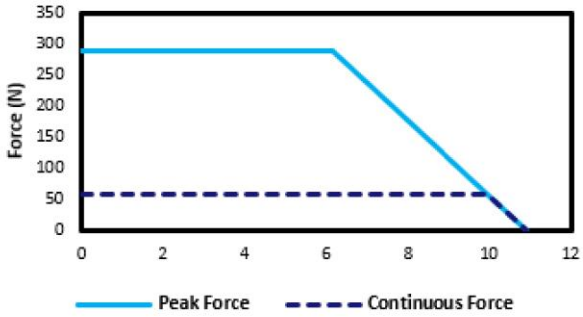
Force Speed Curve - AUM3-S1
DC Bus voltage:110V



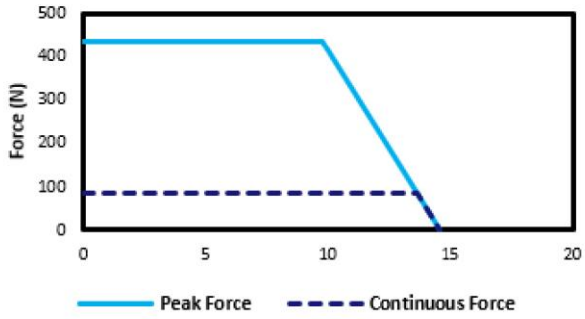
Force Speed Curve - AUM3-S2-P
DC Bus voltage:220V



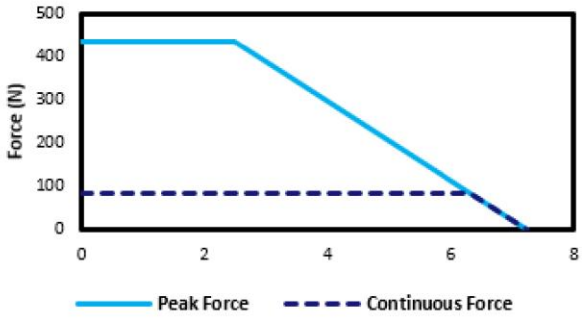
Force Speed Curve - AUM3-S2-S
DC Bus voltage:310V



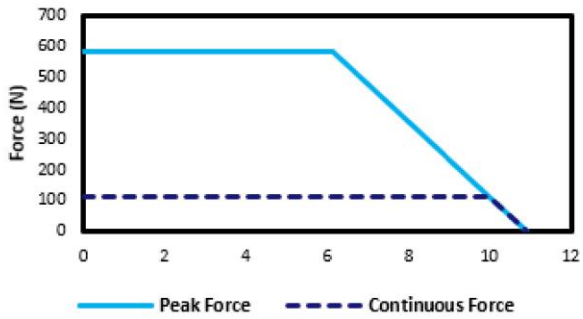
Force Speed Curve - AUM3-S3-P
DC Bus voltage:310V



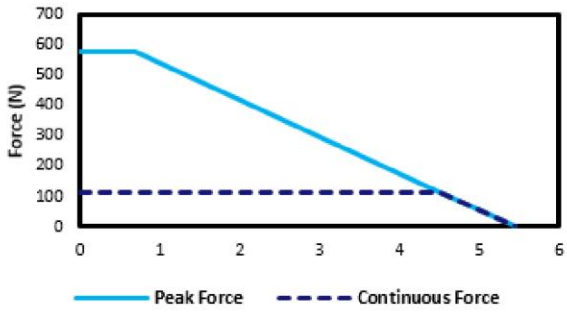
Force Speed Curve - AUM3-S3-S
DC Bus voltage:310V



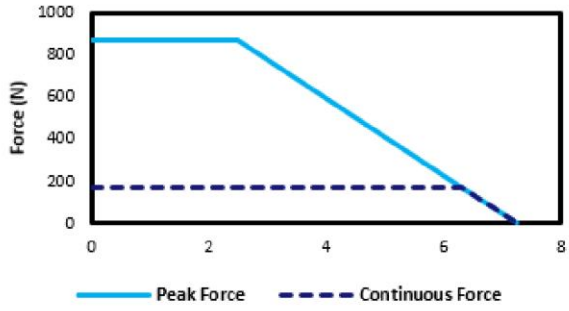
Force Speed Curve - AUM3-S4-P
DC Bus voltage:310V



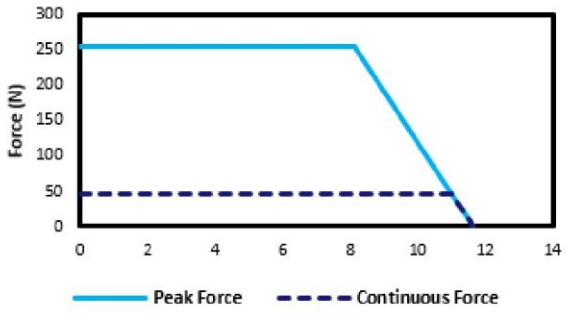
Force Speed Curve - AUM3-S4-S
DC Bus voltage:310V



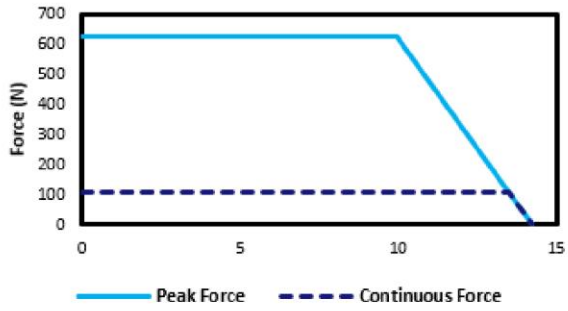
Force Speed Curve - AUM3-S6-P
DC Bus voltage:310V



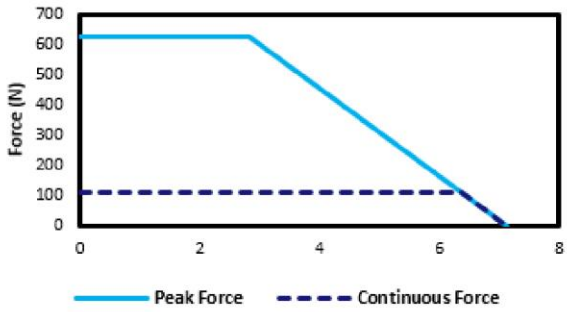
Force Speed Curve - AUM4-S1
DC Bus voltage:310V



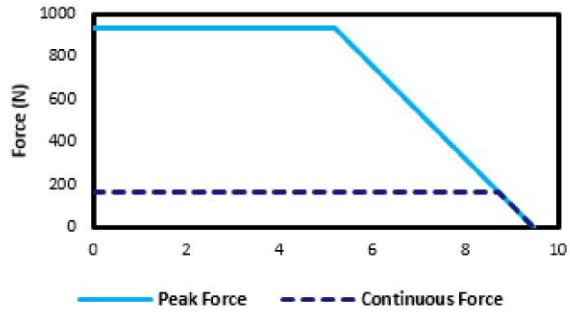
Force Speed Curve - AUM4-S2-P
DC Bus voltage:310V



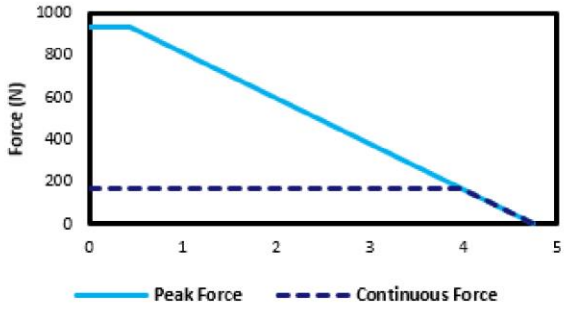
Force Speed Curve - AUM4-S2-S
DC Bus voltage:310V



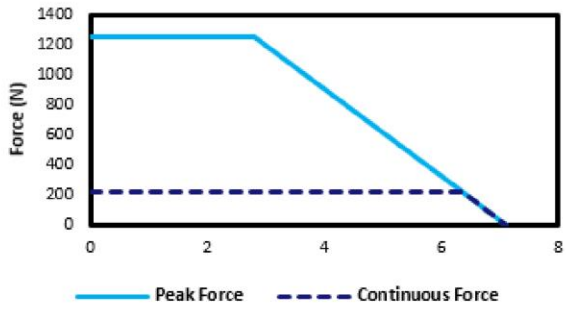
Force Speed Curve - AUM4-S3-P
DC Bus voltage:310V



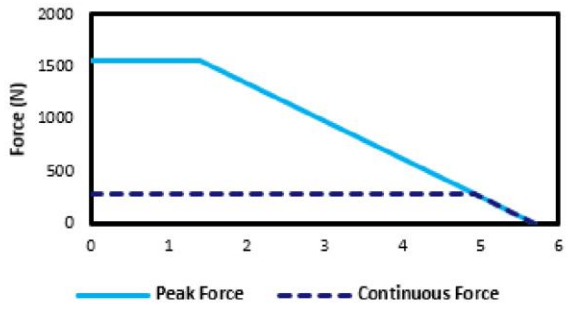
Force Speed Curve - AUM4-S3-S
DC Bus voltage:310V



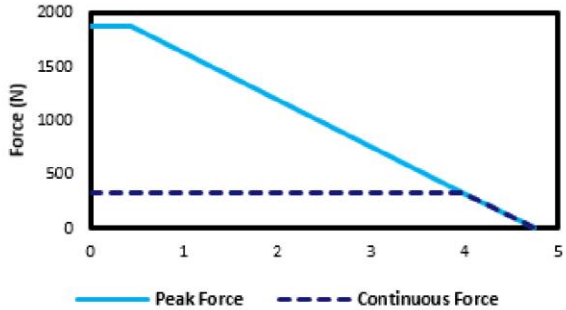
Force Speed Curve - AUM4-S4-P
DC Bus voltage:310V



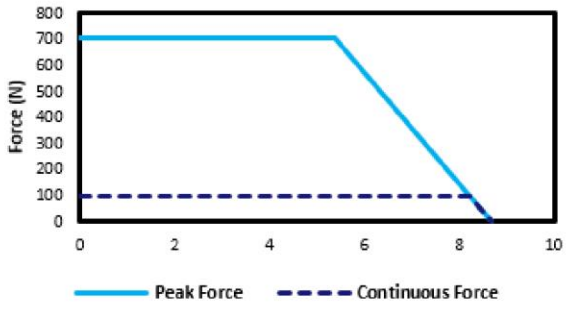
Force Speed Curve - AUM4-S5-P
DC Bus voltage:310V



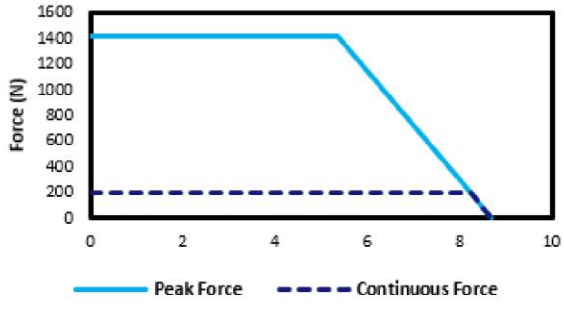
Force Speed Curve - AUM4-S6-P
DC Bus voltage:310V



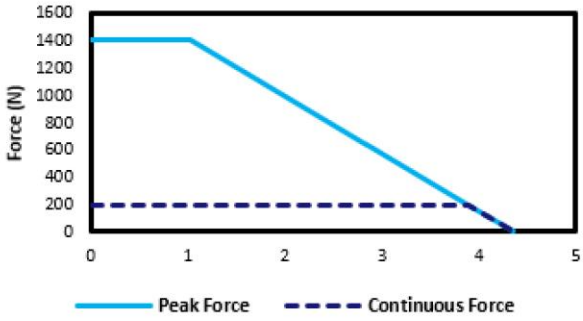
Force Speed Curve - AUM5-S1
DC Bus voltage:310V



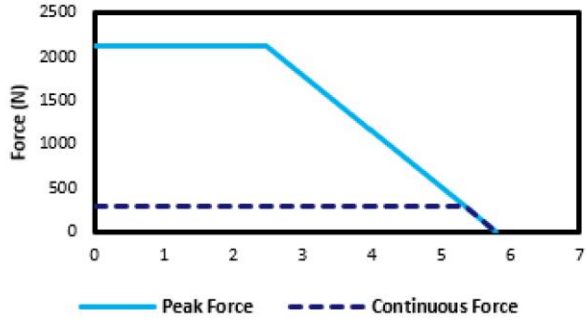
Force Speed Curve - AUM5-S2-P
DC Bus voltage:310V



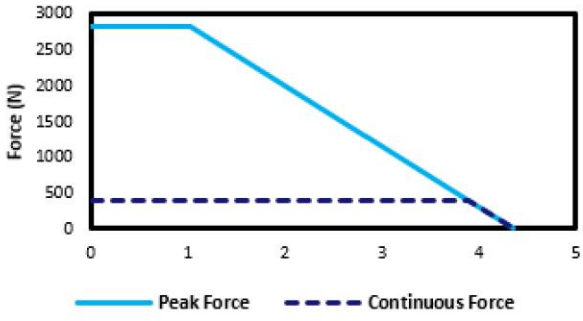
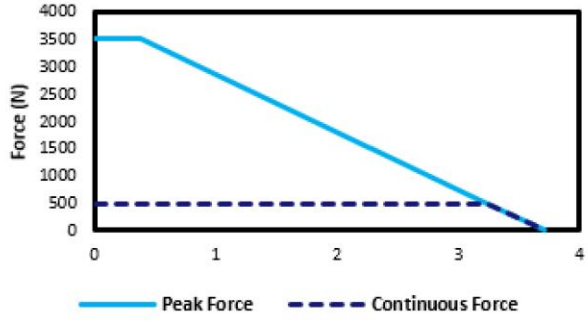
Force Speed Curve - AUM5-S2-S
DC Bus voltage:310V



Force Speed Curve - AUM5-S3-P
DC Bus voltage:310V



Force Speed Curve - AUM5-S4-P
DC Bus voltage:310V



Force Speed Curve - AUM5-S5-P
DC Bus voltage:330V