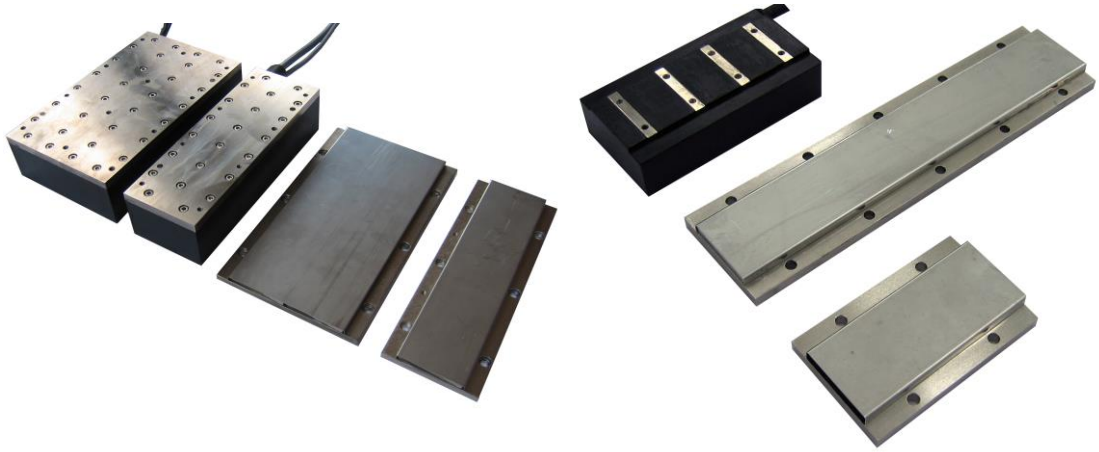
ACM Series

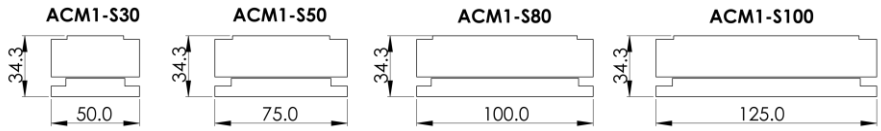
Iron Core Brushless Linear Motor



- **Iron core technology**
- **Low cogging force**
- **Integrated with hall sensors**
- **High force and stiffness**

ACM1-S Specifications

- Low cogging force
- Low profile and compact size
- Optional hall sensor module
- Maximum continuous force of 153.1 N
- Maximum peak force of 660.9 N



Model		ACM1-S30	ACM1-S50	ACM1-S80	ACM1-S100
Performance Parameters	Unit				
Continuous Force	N	46.7	80.2	119.6	153.1
Peak Force	N	201.4	346.2	516.1	660.9
Motor Constant	N/SqRt(W)	11.4	16.0	20.3	23.4
Continuous Power	W	16.8	25.1	34.8	42.8
Peak Power	W	312.1	468.1	648.8	796.6
Magnetic period	mm	20.0	20.0	20.0	20.0
Max Coil Temperature	°C	130.0	130.0	130.0	130.0
Continuous current	Arms	2.1	2.1	2.1	2.1
Peak current	Arms	9.6	9.6	9.6	9.6
Max bus voltage	Vdc	600.0	600.0	600.0	600.0
Force Constant	N/Arms	22.2	38.2	57.0	72.9
Back EMF Constant	Vpeak/m/s	18.1	31.2	46.5	59.5
Inductance	mH	13.5	20.8	28.8	36.4
Phase Resistance @25°C	ohms	3.8	5.7	7.9	9.7
Electical Time Constant	ms	3.6	3.6	3.6	3.8
Thermal Dissipation Constant	W/°C	0.2	0.3	0.5	0.6
Magnetic Attraction	N	480.0	825.0	1230.0	1575.0

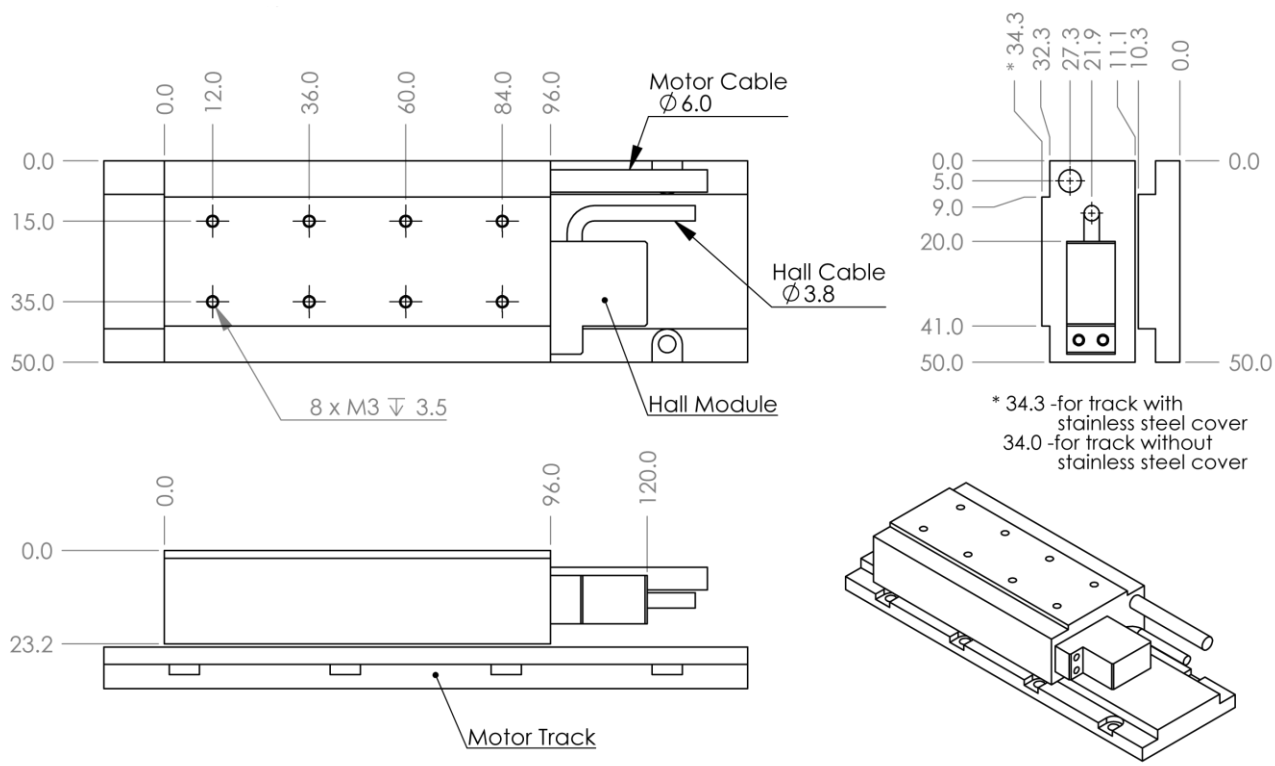
Motor Coil

	Without hall module		With hall module		
Size	Coil Length (mm)	Mass (kg)	Coil Length (mm)	Mass (kg)	Coil Width (mm)
S30	96.0	0.6	120.0	0.62	50.0
S50	96.0	0.9	120.0	0.92	75.0
S80	96.0	1.2	120.0	1.22	100.0
S100	96.0	1.5	120.0	1.52	125.0

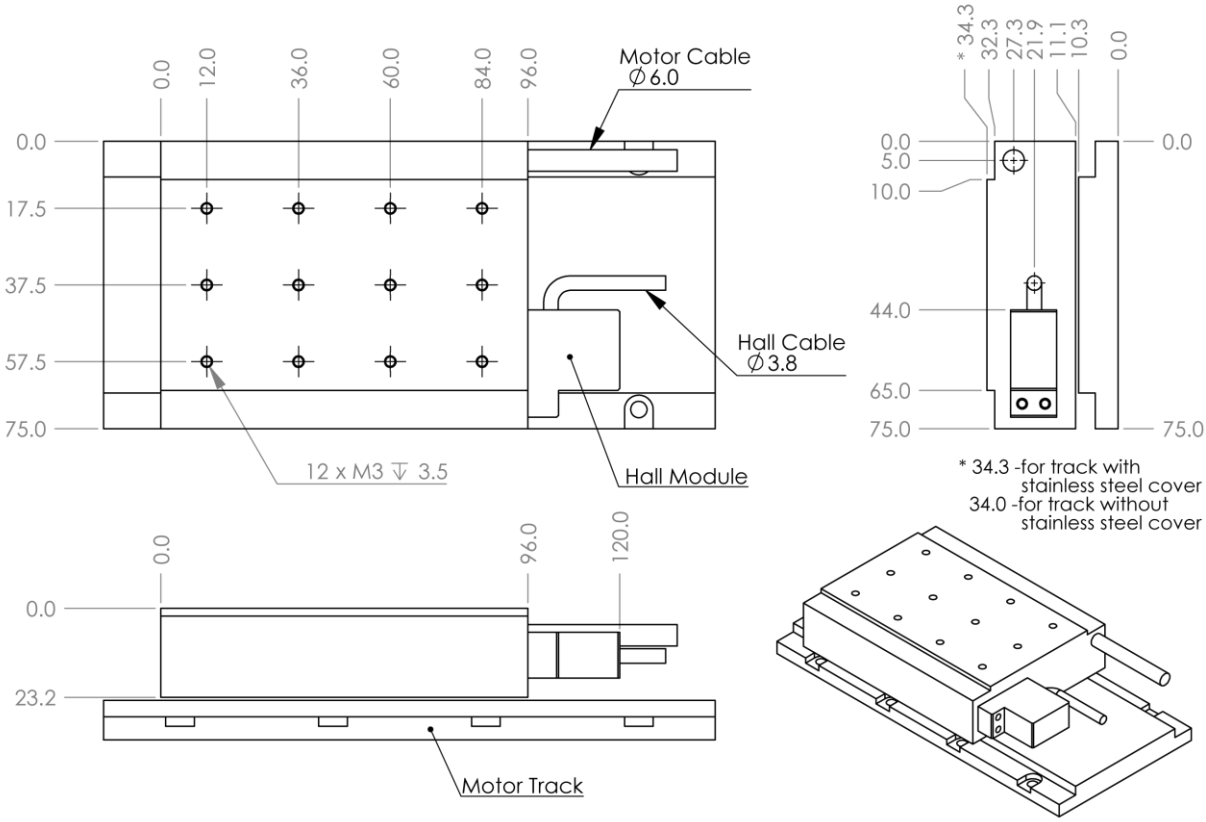
Motor Track

Size	Track Length (mm)	Track Width (mm)	Mass (kg)
S30-TL80	80	50	0.26
S30-TL200	200	50	0.65
S30-TL400	400	50	1.3
S50-TL80	80	75	0.4
S50-TL200	200	75	1
S50-TL400	400	75	2
S80-TL80	80	100	0.56
S80-TL200	200	100	1.4
S80-TL400	400	100	2.8
S100-TL80	80	125	0.7
S100-TL200	200	125	1.7

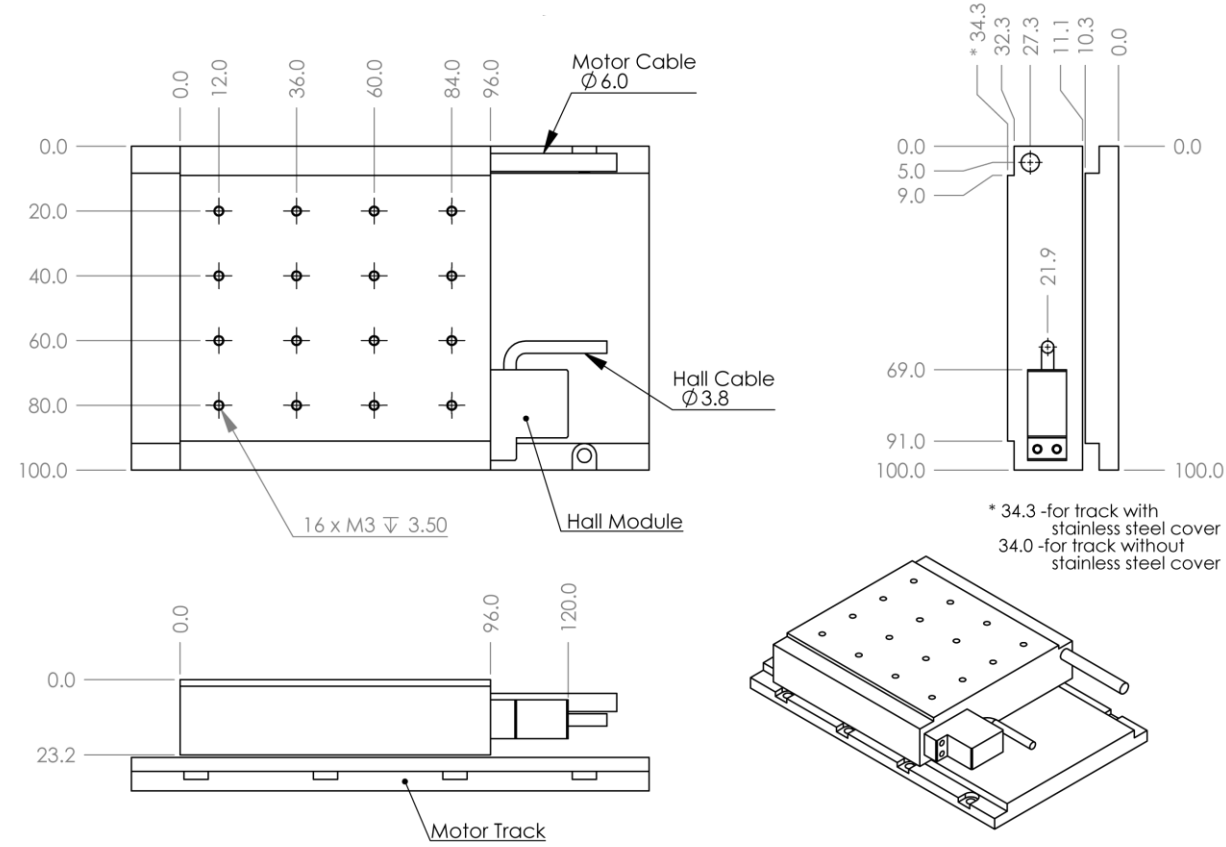
ACM1-S30



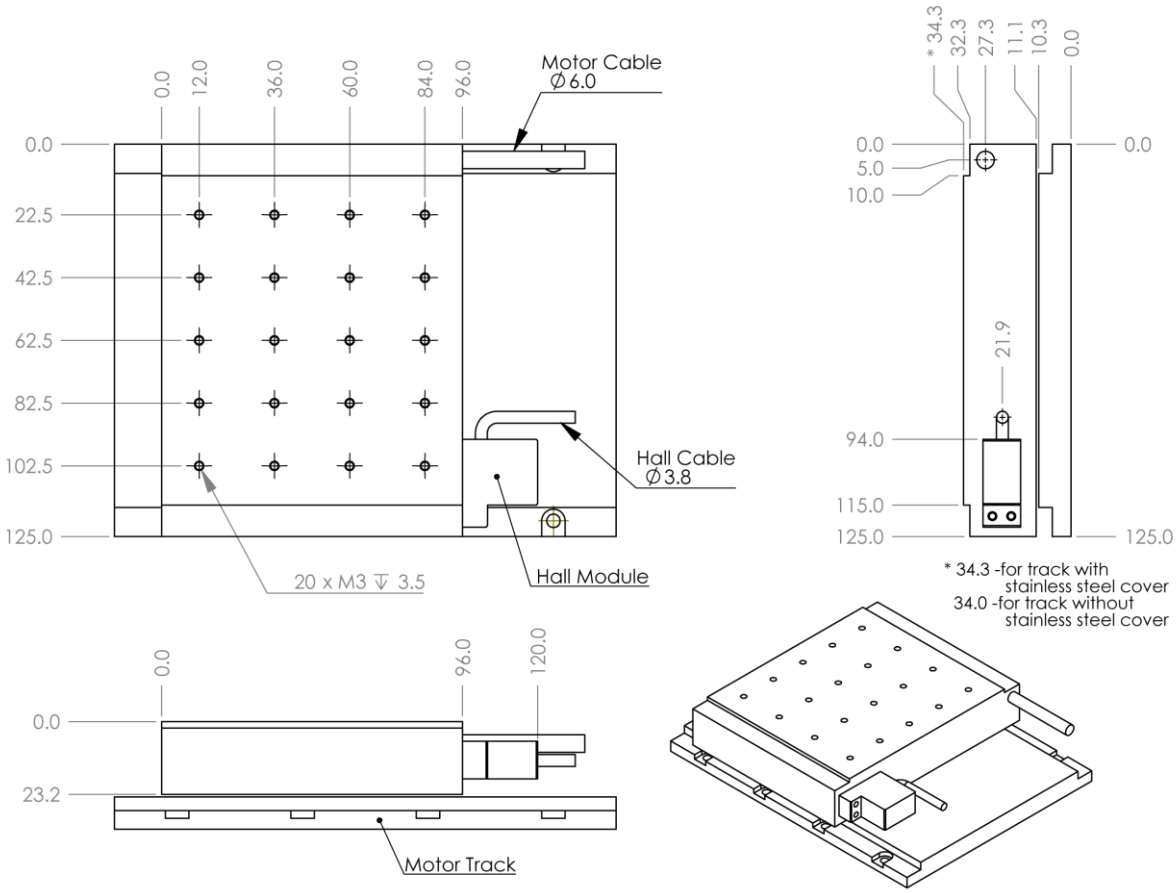
ACM1-S50



ACM1-S80



ACM1-S100



Part Numbering

Motor Coil

Model	Size	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
ACM1	S30, S50, S80, S100	J = Thermostat (standard) K = PT100 (RTD)	Blank[1] H9D[2] NH[3]	3.0	Blank[4] NFB[5]

Example: ACM1-S30-J-3.0 ; ACM1-S30-J-NH-3.0 ; ACM1-S30-J-H9D-3.0 ; ACM1-S30-J-H9D-3.0-NFB

Motor Track

Model	Size	Track Length
ACM1	S30, S50, S80, S100	TL80/ TL200/ TL400

Example: ACM1-S30-TL200

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.

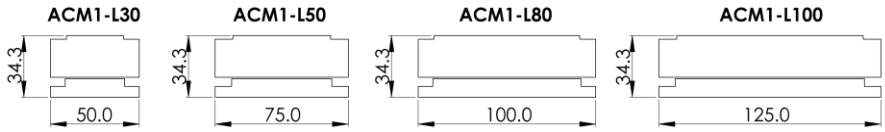
3 NH = comes without hall module.

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

5 NFB = motor cable terminated in flying leads.

ACM1-L Specifications

- Low cogging force
- Maximum continuous force 306.3 N
- Maximum peak force 1,321.8 N



Model		ACM1-L30	ACM1-L50	ACM1-L80	ACM1-L100
Performance Parameters	**Unit**				
Continuous Force	N	93.3	160.4	239.2	306.3
Peak Force	N	402.8	692.4	1032.3	1321.8
Motor Constant	N/Sqrt(W)	16.1	22.6	28.7	33.1
Continuous Power	W	33.5	50.3	69.7	85.6
Peak Power	W	624.2	936.2	1297.6	1593.3
Magnetic period	mm	20.0	20.0	20.0	20.0
Max Coil Temperature	°C	130.0	130.0	130.0	130.0
Continuous current	Arms	4.2	4.2	4.2	4.2
Peak current	Arms	19.2	19.2	19.2	19.2
Max bus voltage	Vdc	600.0	600.0	600.0	600.0
Force Constant	N/Arms	22.2	38.2	57.0	72.9
Back EMF Constant	Vpeak/m/s	18.1	31.2	46.5	59.5
Inductance	mH	6.8	10.4	14.4	18.2
Phase Resistance @25°C	ohms	1.9	2.9	4.0	4.9
Electical Time Constant	ms	3.6	3.6	3.6	3.8
Thermal Dissipation Constant	W/°C	0.4	0.7	0.9	1.1
Magnetic Attraction	N	942.0	1619.0	2413.8	3091.0

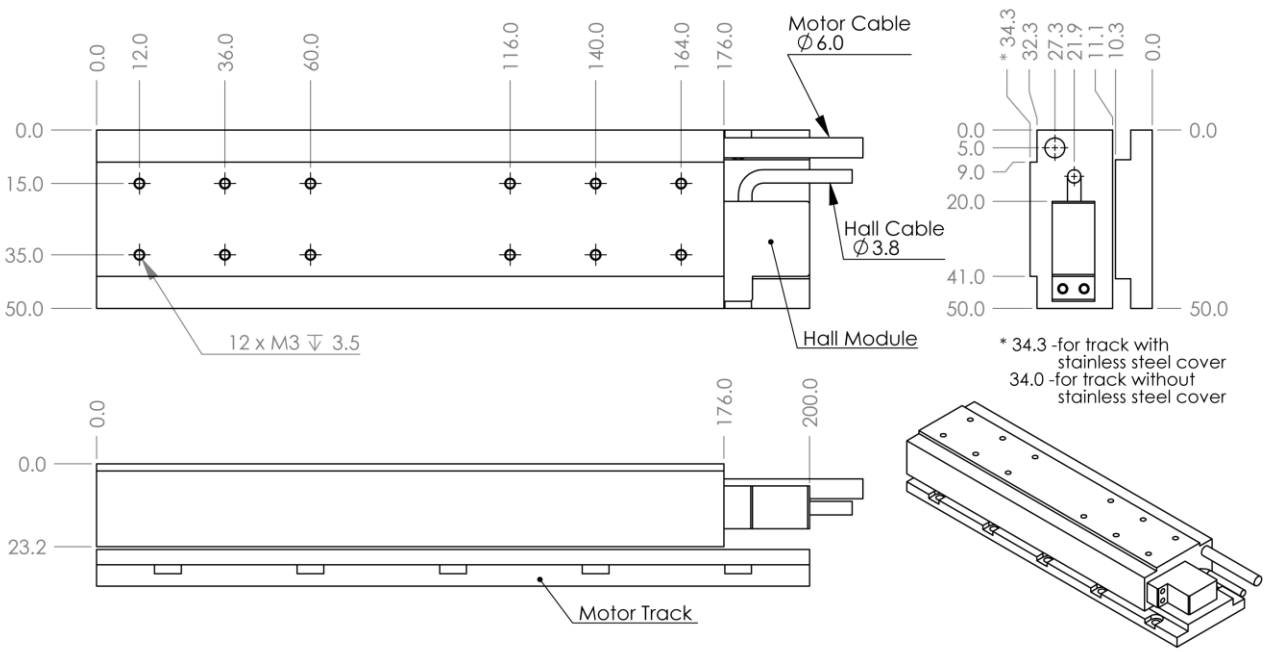
Motor Coil

	Without hall module		With hall module		
Size	**Coil Length (mm)**	**Mass (kg)**	**Coil Length (mm)**	**Mass (kg)**	**Coil Width (mm)**
L30	176.0	1.1	200.0	1.12	50.0
L50	176.0	1.7	200.0	1.72	75.0
L80	176.0	2.3	200.0	2.32	100.0
L100	176.0	2.9	200.0	2.92	125.0

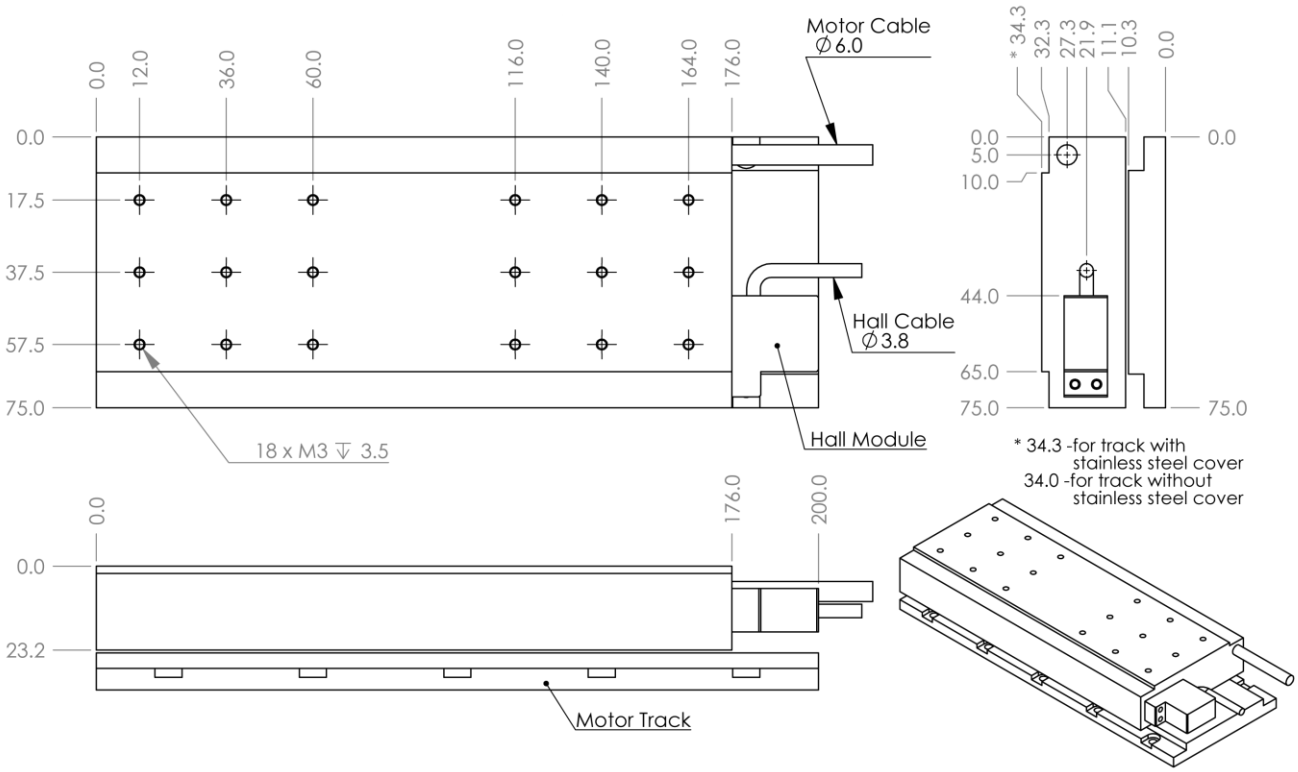
Motor Track

Size	Track Length (mm)	Track Width (mm)	Mass (kg)
L30-TL80	80	50	0.26
L30-TL200	200	50	0.65
L30-TL400	400	50	1.3
L50-TL80	80	75	0.4
L50-TL200	200	75	1
L50-TL400	400	75	2
L80-TL80	80	100	0.56
L80-TL200	200	100	1.4
L80-TL400	400	100	2.8
L100-TL80	80	125	0.7
L100-TL200	200	125	1.7
L100-TL400	400	125	3.5

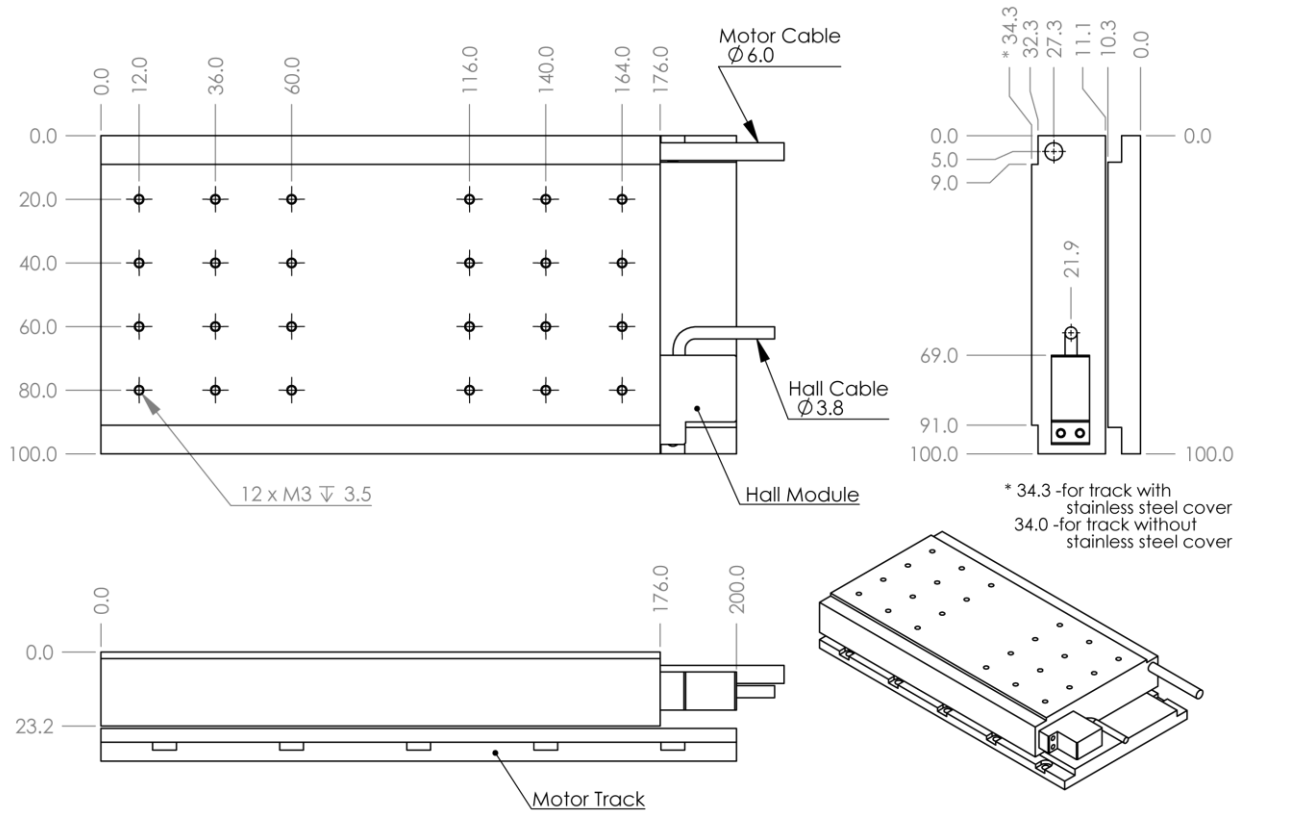
ACM1-L30



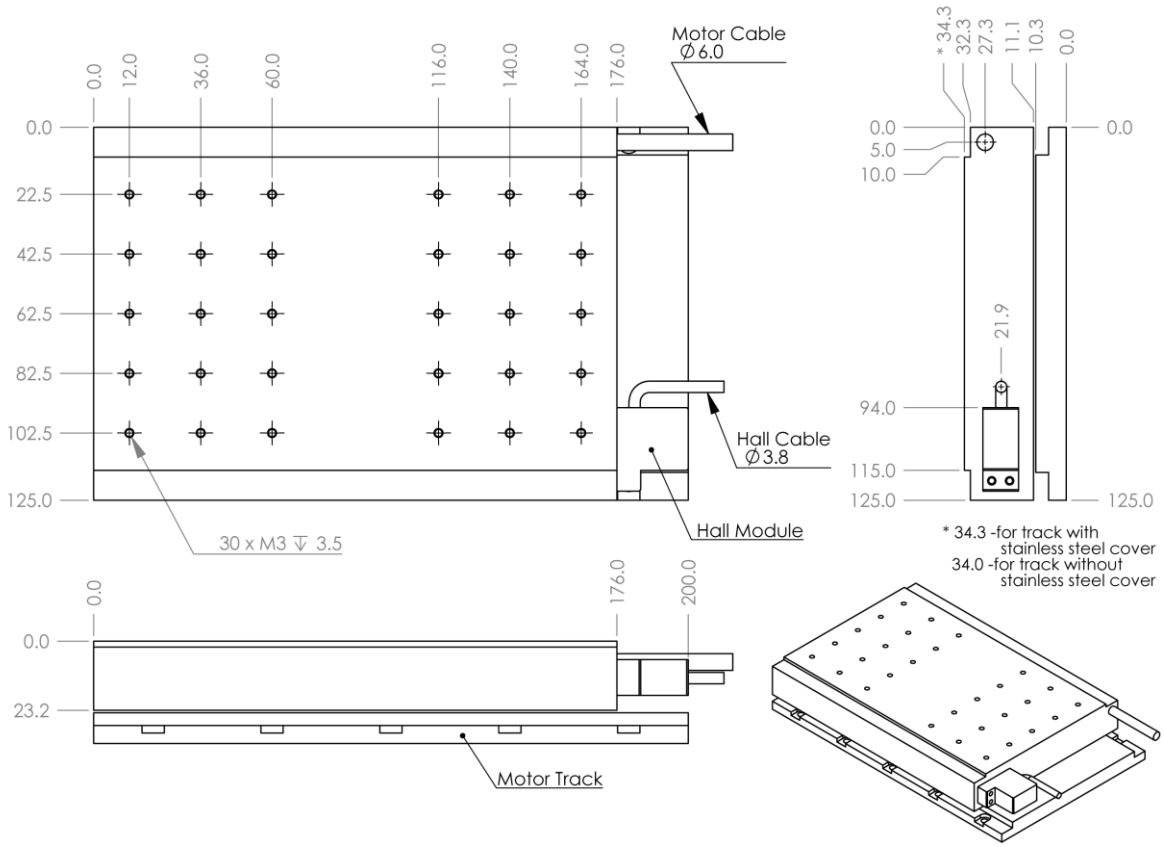
ACM1-L50



ACM1-L80



ACM1-L100



Part Numbering

Motor Coil

Model	Size	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
ACM1	L30, L50, L80, L100	J = Thermostat (standard) K = PT100 (RTD)	Blank[1] H9D[2] NH[3]	3.0	Blank[4] NFB[5]

Example: ACM1-L30-J-3.0 ; ACM1-L30-J-NH-3.0 ; ACM1-L30-J-H9D-3.0 ; ACM1-L30-J-H9D-3.0-NFB

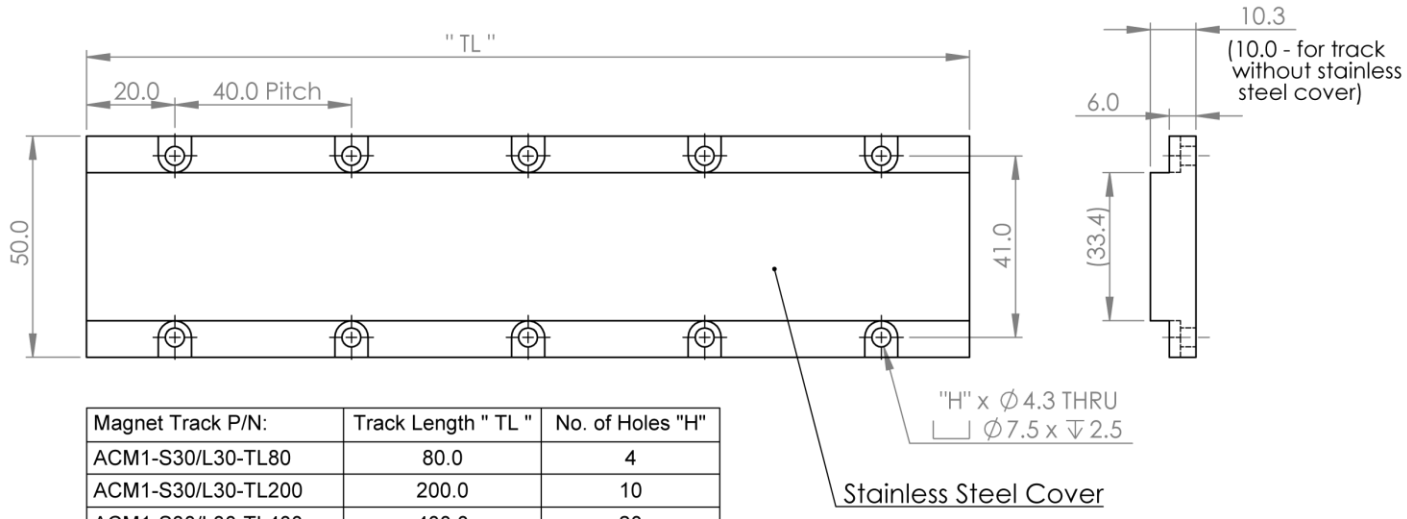
Motor Track

Model	Size	Track Length
ACM1	L30, L50, L80, L100	TL80/ TL200/ TL400

Example: ACM1-L30-TL200

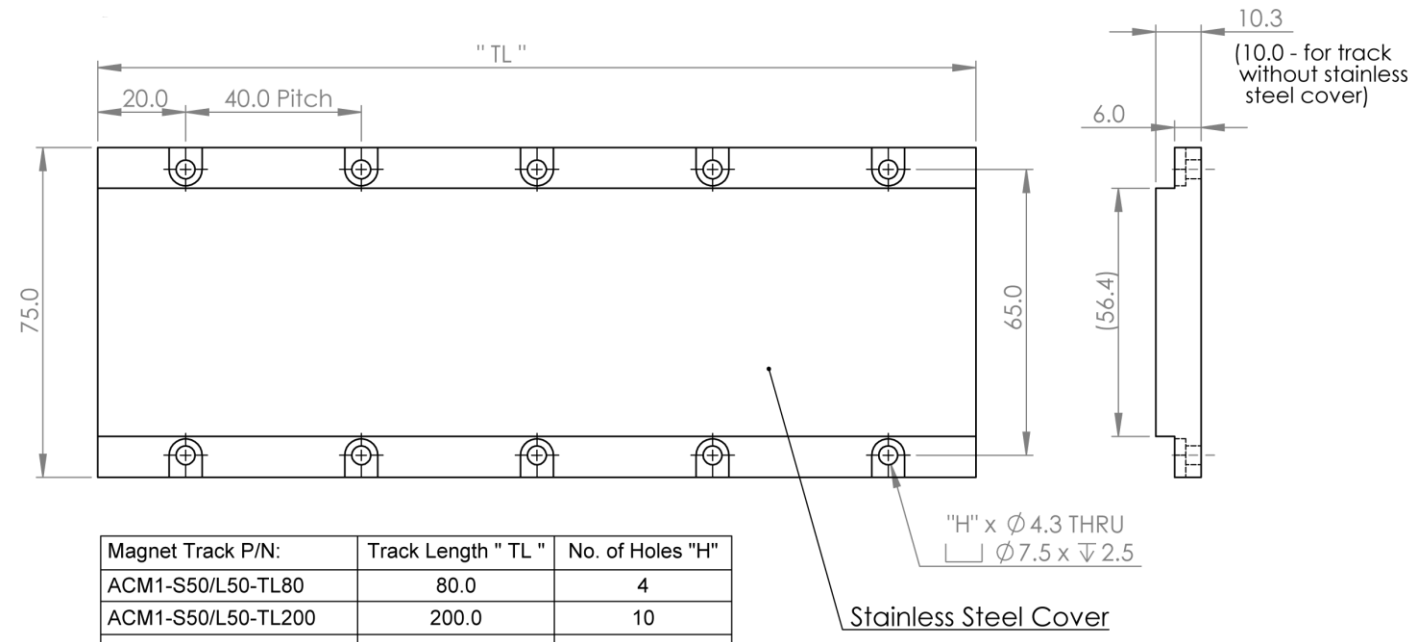
1. Blank = comes with hall module & hall cable terminated in flying leads. (standard)
2. H9D = comes with hall module & hall cable terminated with 9-Pins D-Sub connector.
3. NH = comes without hall module.
4. Blank = motor cable terminated with ferrite bead. (standard)
5. NFB = motor cable terminated in flying leads.

ACM1-S30/L30



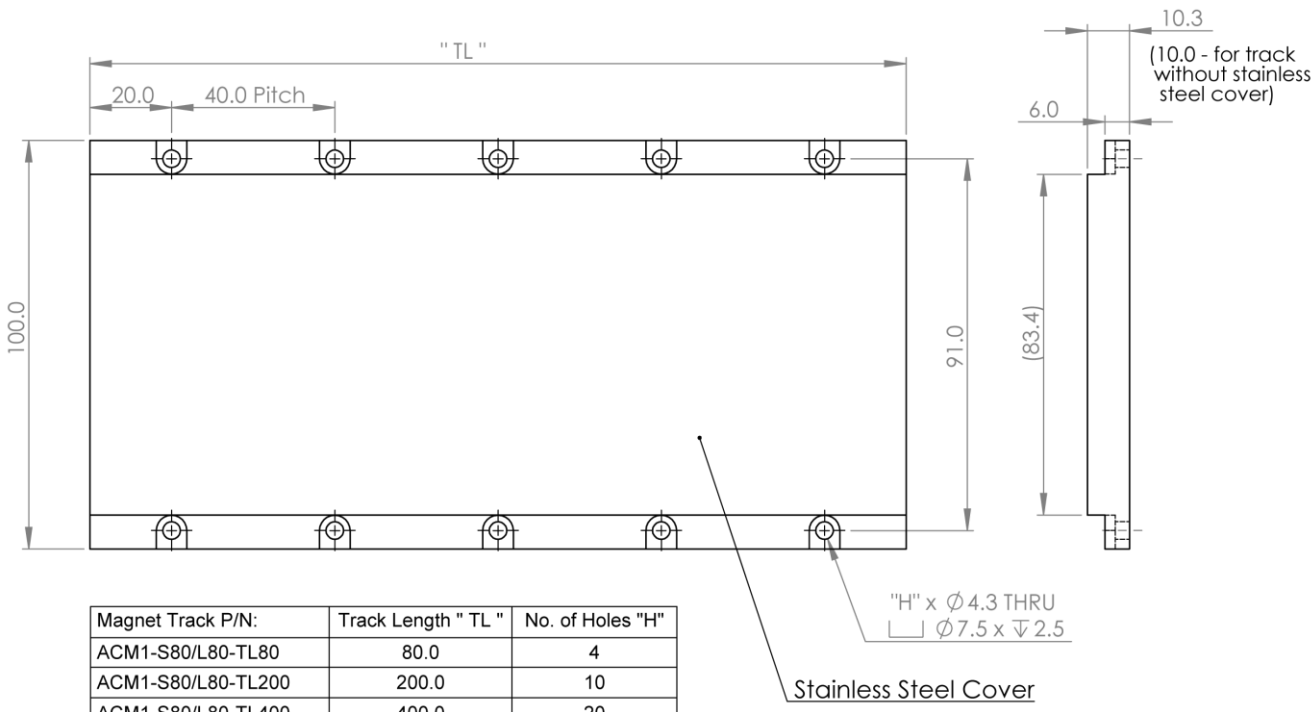
Magnet Track P/N:	Track Length " TL "	No. of Holes "H"
ACM1-S30/L30-TL80	80.0	4
ACM1-S30/L30-TL200	200.0	10
ACM1-S30/L30-TL400	400.0	20

ACM1-S50/L50



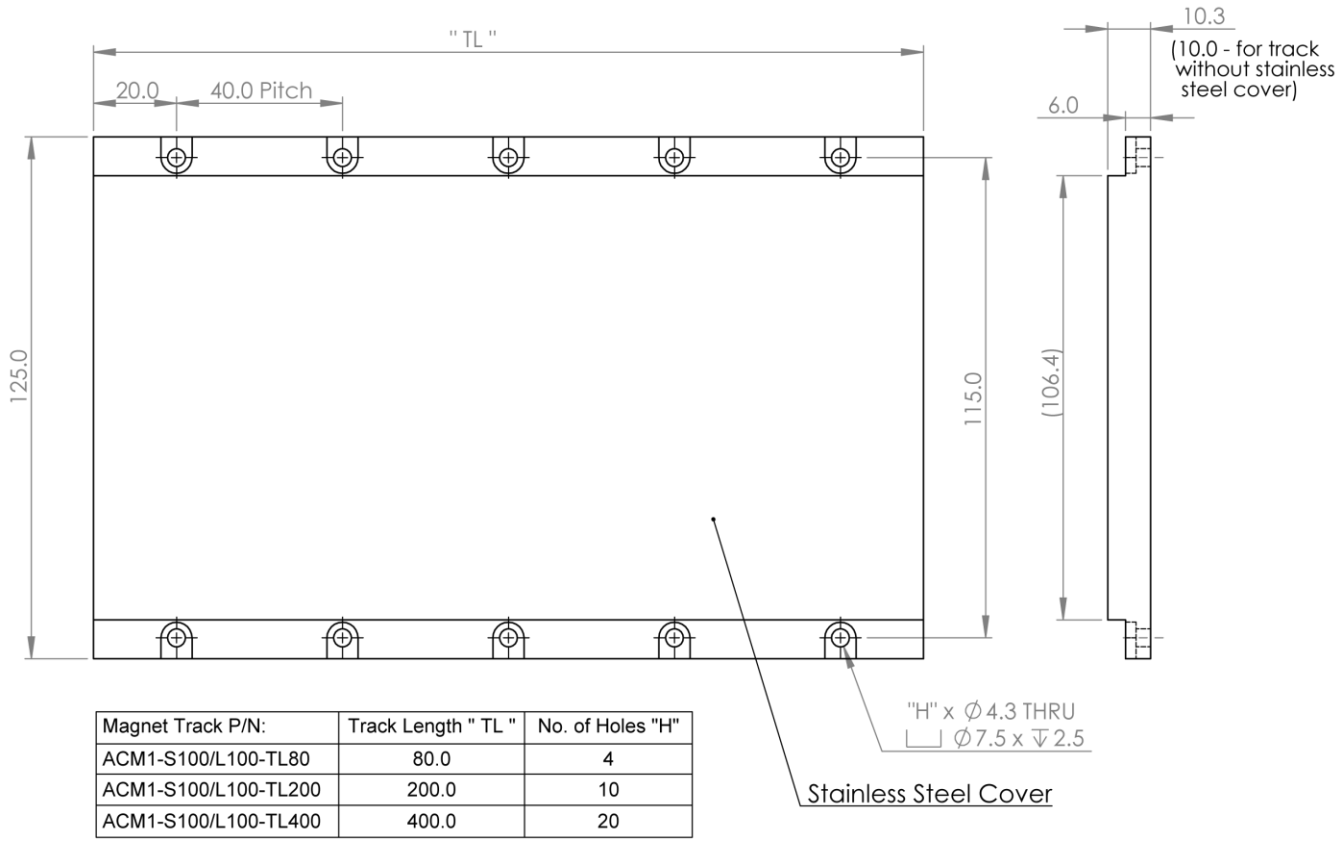
Magnet Track P/N:	Track Length " TL "	No. of Holes "H"
ACM1-S50/L50-TL80	80.0	4
ACM1-S50/L50-TL200	200.0	10
ACM1-S50/L50-TL400	400.0	20

ACM1-S80/L80



Magnet Track P/N:	Track Length " TL "	No. of Holes "H"
ACM1-S80/L80-TL80	80.0	4
ACM1-S80/L80-TL200	200.0	10
ACM1-S80/L80-TL400	400.0	20

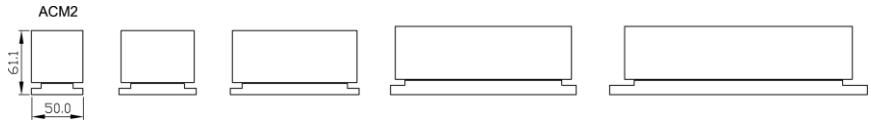
ACM1-S100/L100



Magnet Track P/N:	Track Length " TL "	No. of Holes "H"
ACM1-S100/L100-TL80	80.0	4
ACM1-S100/L100-TL200	200.0	10
ACM1-S100/L100-TL400	400.0	20

ACM2 Specifications

- Low cogging force
- High force and stiffness
- Coil length from 200mm
- Integrated with hall sensor
- Maximum continuous force of 753 N
- Maximum peak force of 884.9 N



Model		ACM2-S1	ACM2-W-S1	ACM2-S2	ACM2-W-S2
		Air Convection	Water Cooled	Air Convection	Water Cooled
Performance Parameters	Unit	Series	Series	Parallel	Parallel
Continuous Force, coil @100°C	N	170.5	341.0	341.0	682.0
Continuous Force, coil @130°C	N	188.3	376.5	376.5	753.0
Peak Force	N	442.4	442.4	884.9	884.9
Motor Constant	N/Sqrt(W)	19.9	19.9	28.1	28.1
Continuous Power	W	73.7	294.9	147.5	589.8
Peak Power	W	496.5	496.5	993.0	993.0
Magnetic period	mm	42.0	42.0	42.0	42.0
Max Coil Temperature	°C	130.0	130.0	130.0	130.0
Continuous current@100°C	Arms	4.8	9.6	9.6	19.2
Continuous current@130°C	Arms	5.3	10.6	10.6	21.2
Peak current	Arms	14.4	14.4	28.8	28.8
Max bus voltage	Vdc	600.0	600.0	600.0	600.0
Force Constant	N/Arms	35.5	35.5	35.5	35.5
Back EMF Constant	Vpeak/m/s	29.0	29.0	29.0	29.0
Inductance	mH	28.0	28.0	14.0	14.0
Phase Resistance @25°C	ohms	3.2	3.2	1.6	1.6
Electical Time Constant	ms	8.8	8.8	8.8	8.8
Thermal Dissipation Constant	W/°C	1.0	3.9	2.0	7.9
Magnetic Attraction	KN	0.8	0.8	1.5	1.5

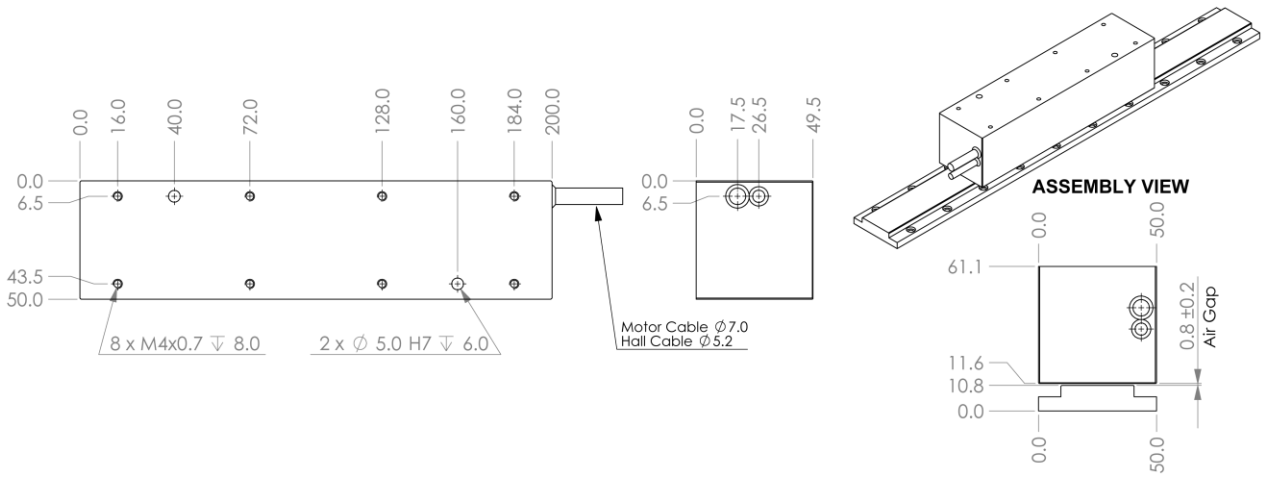
Motor Coil

Size	Length (mm)	Mass (kg)
S1	200.0	2.4
S2	368.0	4.8

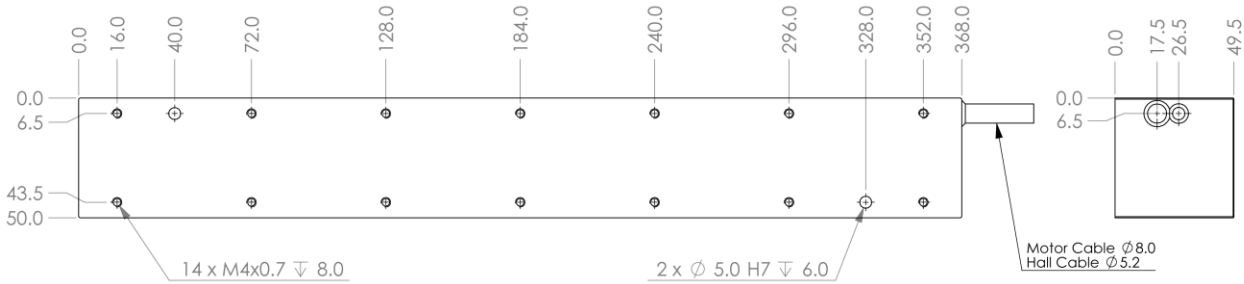
Motor Track

Size	Length (mm)	Mass (kg)
TL168	168.0	0.4
TL252	252.0	0.6
TL420	420.0	1.1

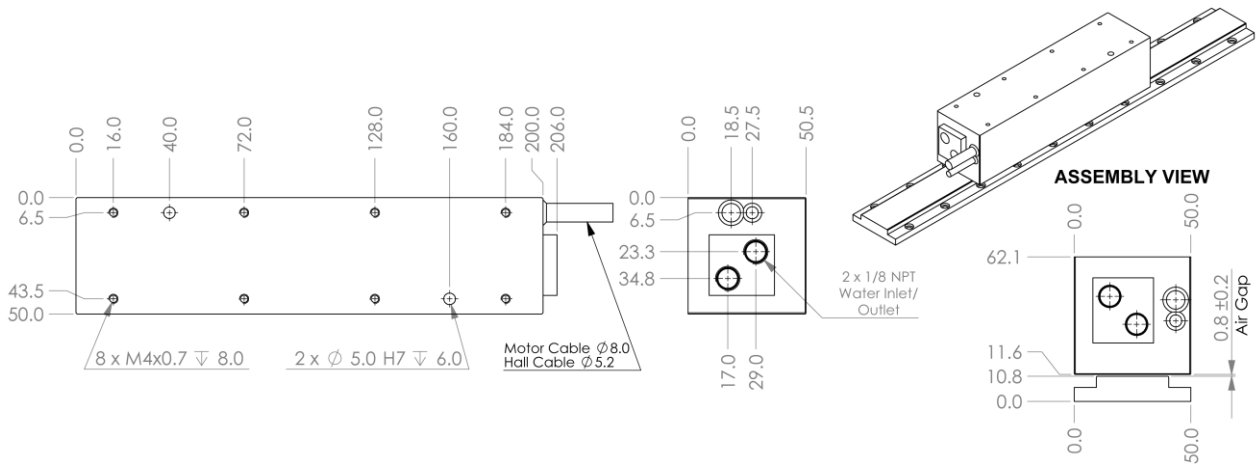
MOTOR COIL-ACM2-S1



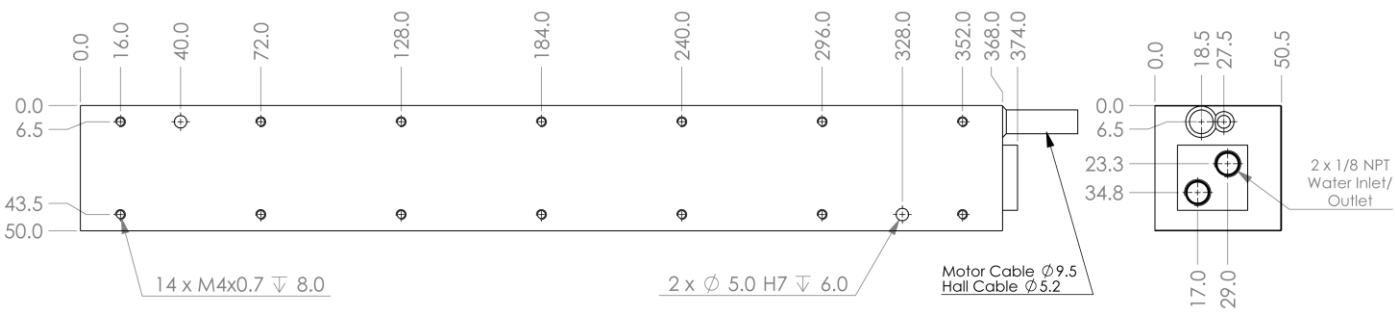
MOTOR COIL-ACM2-S2



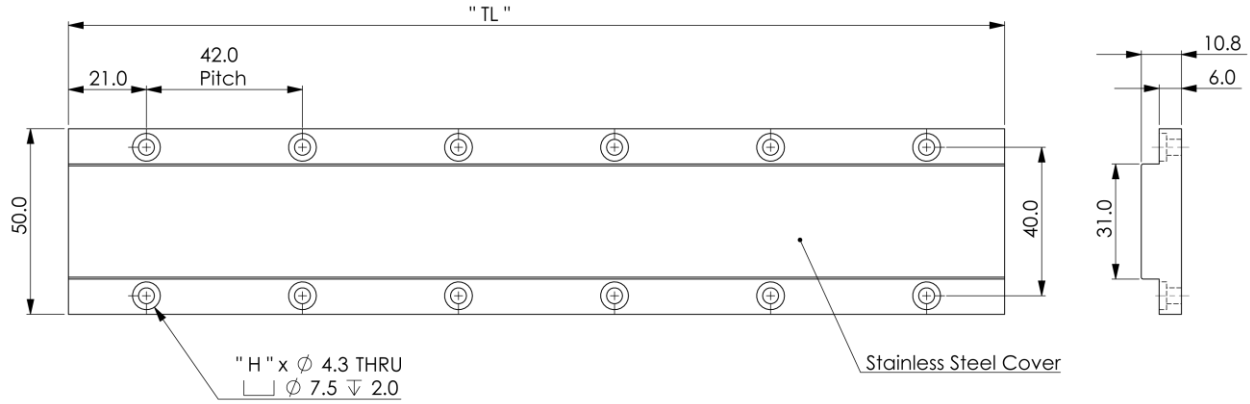
WATER COOLED MOTOR COIL-ACM2-W-S1



WATER COOLED MOTOR COIL-ACM2-W-S2



ACM2 MAGNET TRACK



Magnet Track P/N:	Track Length "TL"	No. of Holes "H"
ACM2-TL168	168.0	8
ACM2-TL252	252.0	12
ACM2-TL420	420.0	20

Part Numbering

Motor Coil

Model	Cooling Options	Segment	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
ACM2	Blank = Natural Convection W = Water Cooled	S1 or S2	J = Thermostat (standard) K = PT100 (RTD)	Blank[1] H9D[2]	3.0	Blank[3] NFB[4]

Example: ACM2-S1-J-3.0 ; ACM2-W-S1-J-3.0 ; ACM2-S1-J-H9D-3.0 ; ACM2-S1-J-H9D-3.0-NFB

Motor Track

Model	Track Length
ACM2	TL168/ TL252/ TL420

Example: ACM2-TL420

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

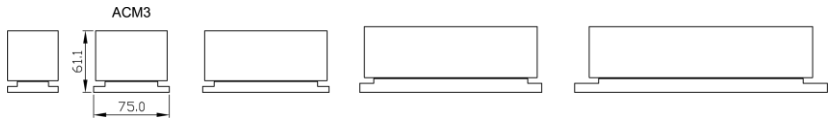
2 H9D = comes with built-in hall sensor & hall cable terminated with 9-Pins D-Sub connector.

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

4 NFB = motor cable terminated in flying leads.

ACM3 Specifications

- Low cogging force
- High force and stiffness
- Coil length from 200 mm
- Integrated with hall sensor
- Maximum continuous force of 1,255 N
- Maximum peak force of 1,479.9 N



Model		ACM3-S1	ACM3-W-S1	ACM3-S2	ACM3-W-S2
		Air Convection	Water Cooled	Air Convection	Water Cooled
Performance Parameters	Unit	Series	Series	Parallel	Parallel
Continuous Force, coil @100°C	N	284.2	568.3	568.3	1136.6
Continuous Force, coil @130°C	N	313.8	627.5	627.5	1255.0
Peak Force	N	737.4	737.4	1474.8	1479.9
Motor Constant	N/Sqrt(W)	28.5	28.5	40.4	40.4
Continuous Power	W	99.1	396.3	198.1	792.6
Peak Power	W	667.2	667.2	1334.3	1343.6
Magnetic period	mm	42.0	42.0	42.0	42.0
Max Coil Temperature	°C	130.0	130.0	130.0	130.0
Continuous current@100°C	Arms	4.8	9.6	9.6	19.2
Continuous current@130°C	Arms	5.3	10.6	10.6	21.2
Peak current	Arms	14.4	14.4	28.8	28.8
Max bus voltage	Vdc	600.0	600.0	600.0	600.0
Force Constant	N/Arms	59.2	59.2	59.2	59.2
Back EMF Constant	Vpeak/m/s	48.3	48.3	48.3	48.3
Inductance	mH	38.0	38.0	19.0	19.0
Phase Resistance @25°C	ohms	4.3	4.3	2.2	2.2
Electical Time Constant	ms	8.8	8.8	8.8	8.8
Thermal Dissipation Constant	W/°C	1.3	5.3	2.6	10.6
Magnetic Attraction	KN	1.5	1.5	2.9	2.9

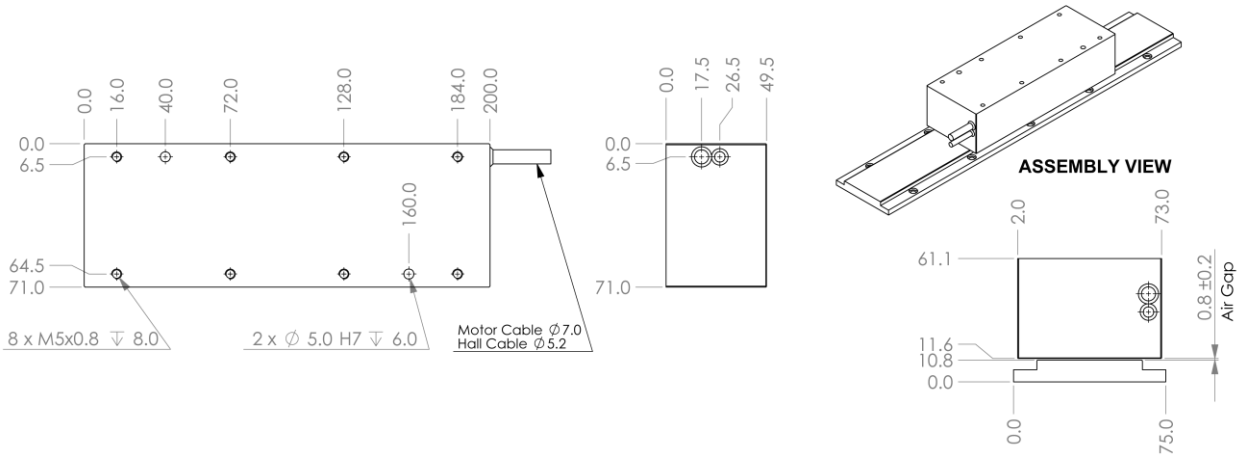
Motor Coil

Size	Length (mm)	Mass (kg)
S1	200.0	3.5
S2	368.0	6.7

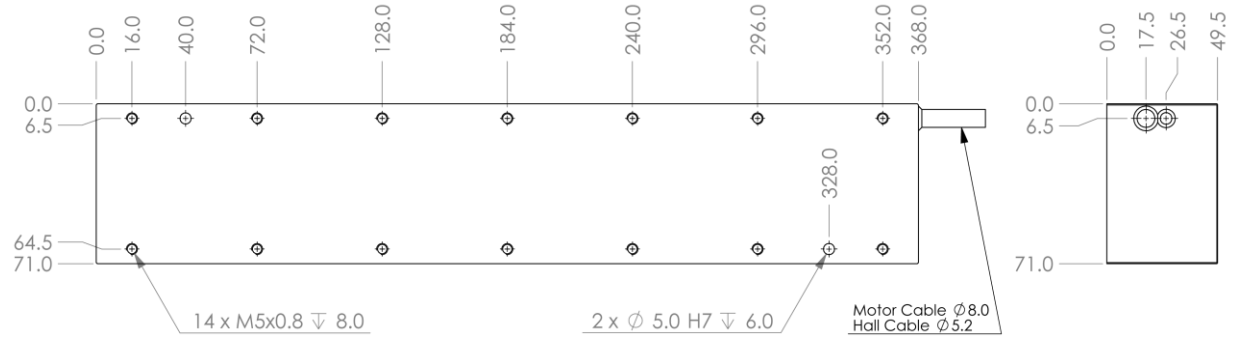
Motor Track

Size	Length (mm)	Mass (kg)
TL168	168.0	0.8
TL252	252.0	1.2
TL420	420.0	2.0

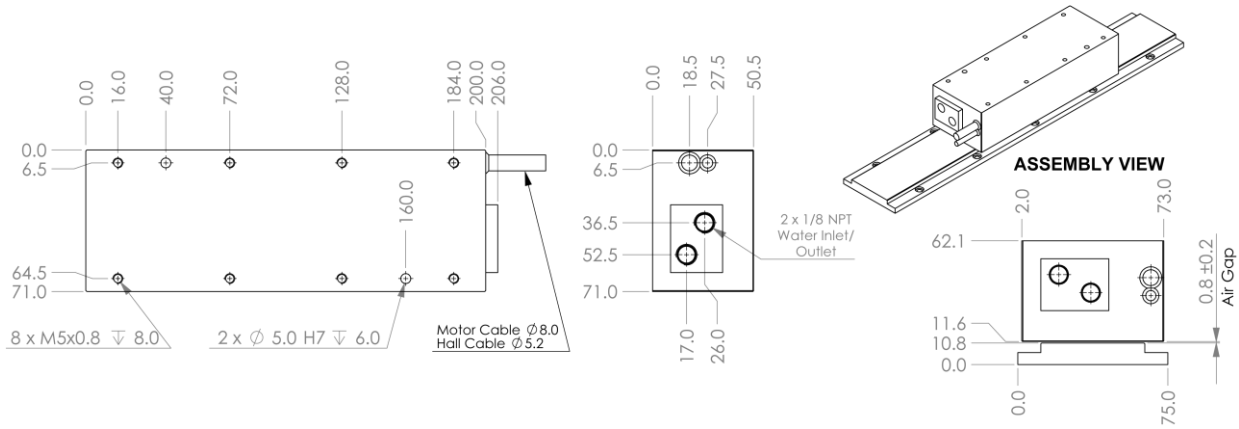
MOTOR COIL-ACM3-S1



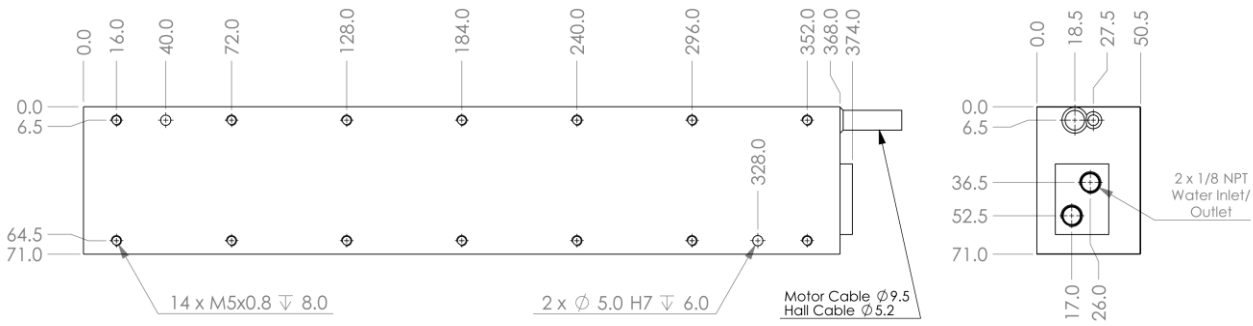
MOTOR COIL-ACM3-S2



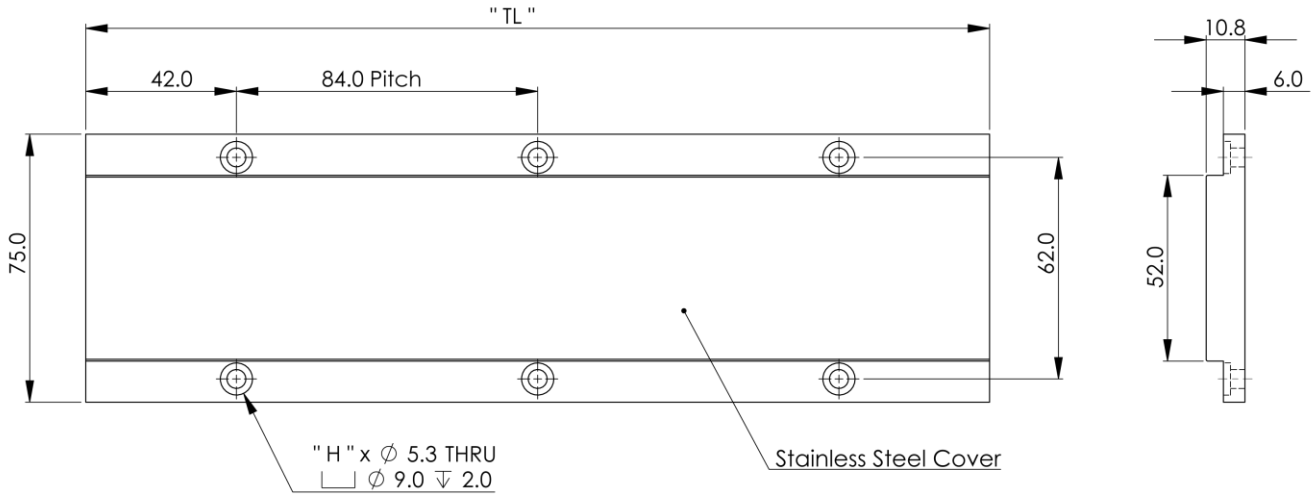
WATER COOLED MOTOR COIL-ACM3-W-S1



WATER COOLED MOTOR COIL-ACM3-W-S2



ACM3 MAGNET TRACK



Magnet Track P/N:	Track Length "TL"	No. of Holes "H"
ACM3-TL168	168.0	4
ACM3-TL252	252.0	6
ACM3-TL420	420.0	10

Part Numbering

Motor Coil

Model	Cooling Options	Segment	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
ACM3	Blank = Natural Convection W = Water Cooled	S1 or S2	J = Thermostat (standard) K = PT100 (RTD)	Blank[1] H9D[2]	3.0	Blank[3] NFB[4]

Example: ACM3-S2-J-3.0; ACM3-W-S2-J-3.0 ; ACM3-S1-J-H9D-3.0 ; ACM3-S1-J-H9D-3.0-NFB

Motor Track

Model	Track Length
ACM3	TL168/ TL252/ TL420

Example: ACM3-TL420

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

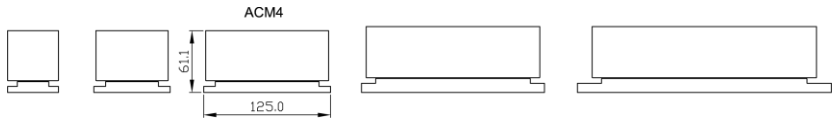
2 H9D = comes with built-in hall sensor & hall cable terminated with 9-Pins D-Sub connector.

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

4 NFB = motor cable terminated in flying leads.

ACM4 Specifications

- Low cogging force
- Coil length from 200 mm
- Integrated with hall sensor
- Maximum continuous force of 2,510.1 N
- Maximum peak force of 2,949.6 N



Model		ACM4-S1	ACM4-W-S1	ACM4-S2	ACM4-W-S2
		Air Convection	Water Cooled	Air Convection	Water Cooled
Performance Parameters	Unit	Series	Series	Parallel	Parallel
Continuous Force, coil @100°C	N	568.3	1136.6	1136.6	2273.3
Continuous Force, coil @130°C	N	627.5	1255.0	1255.0	2510.1
Peak Force	N	1474.8	1474.8	2949.6	2949.6
Motor Constant	N/Sqrt(W)	44.0	44.0	62.2	62.2
Continuous Power	W	166.8	667.2	333.6	1334.5
Peak Power	W	1123.3	1123.3	2246.6	2246.6
Magnetic period	mm	42.0	42.0	42.0	42.0
Max Coil Temperature	°C	130.0	130.0	130.0	130.0
Continuous current@100°C	Arms	4.8	9.6	9.6	19.2
Continuous current@130°C	Arms	5.3	10.6	10.6	21.2
Peak current	Arms	14.4	14.4	28.8	28.8
Max bus voltage	Vdc	600.0	600.0	600.0	600.0
Force Constant	N/Arms	118.4	118.4	118.4	118.4
Back EMF Constant	Vpeak/m/s	96.7	96.7	96.7	96.7
Inductance	mH	76.0	76.0	38.0	38.0
Phase Resistance @25°C	ohms	7.2	7.2	3.6	3.6
Electical Time Constant	ms	10.5	10.5	10.5	10.5
Thermal Dissipation Constant	W/°C	2.2	8.9	4.4	17.8
Magnetic Attraction	KN	2.9	2.9	5.8	5.8

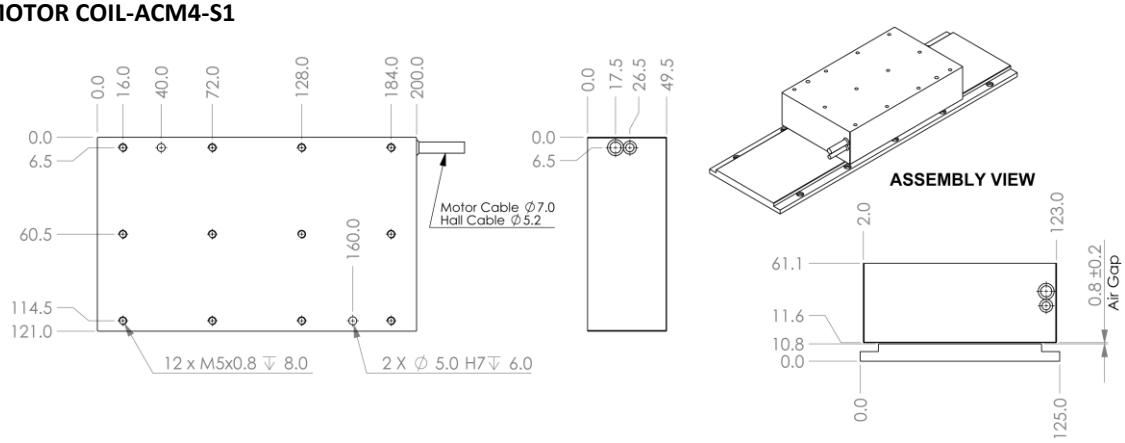
Motor Coil

Size	Length (mm)	Mass (kg)
S1	200.0	7.0
S2	368.0	13.3

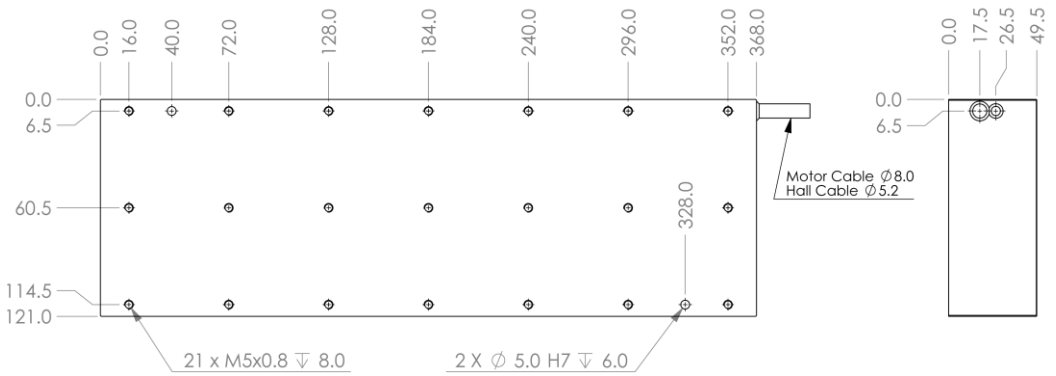
Motor Track

Size	Length (mm)	Mass (kg)
TL168	168.0	1.4
TL252	252.0	2.2
TL420	420.0	3.6

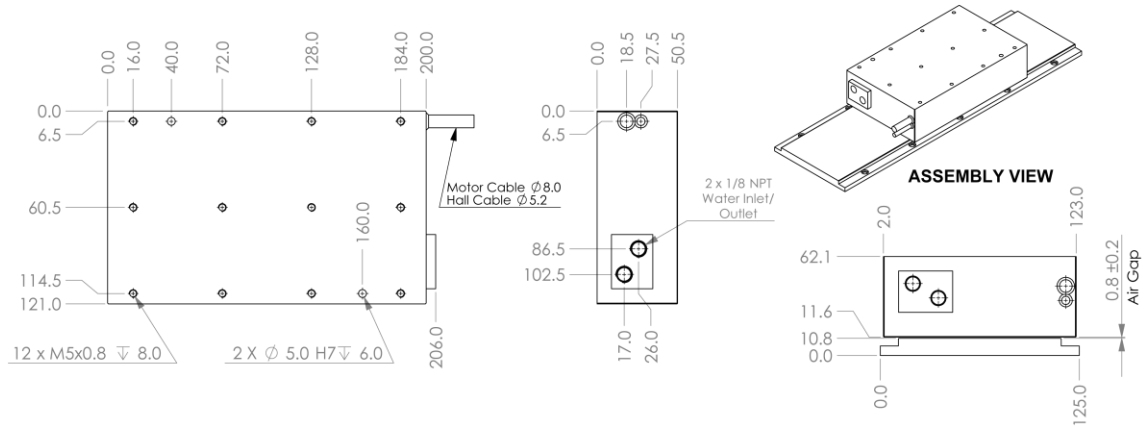
MOTOR COIL-ACM4-S1



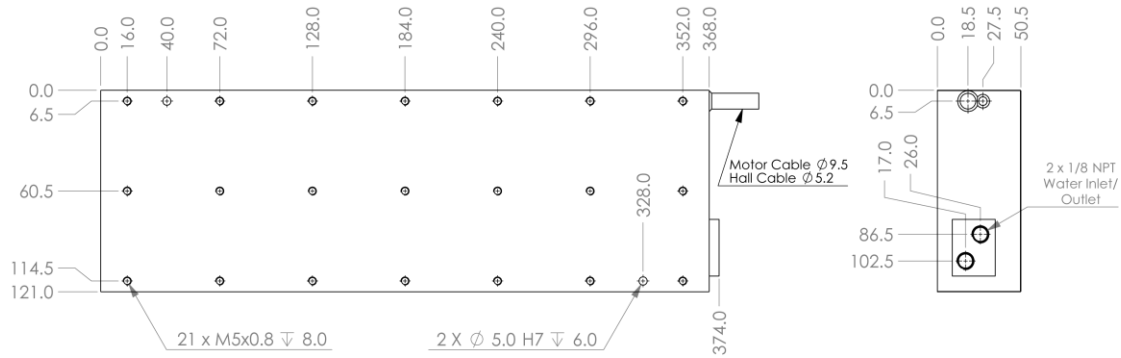
MOTOR COIL-ACM4-S2



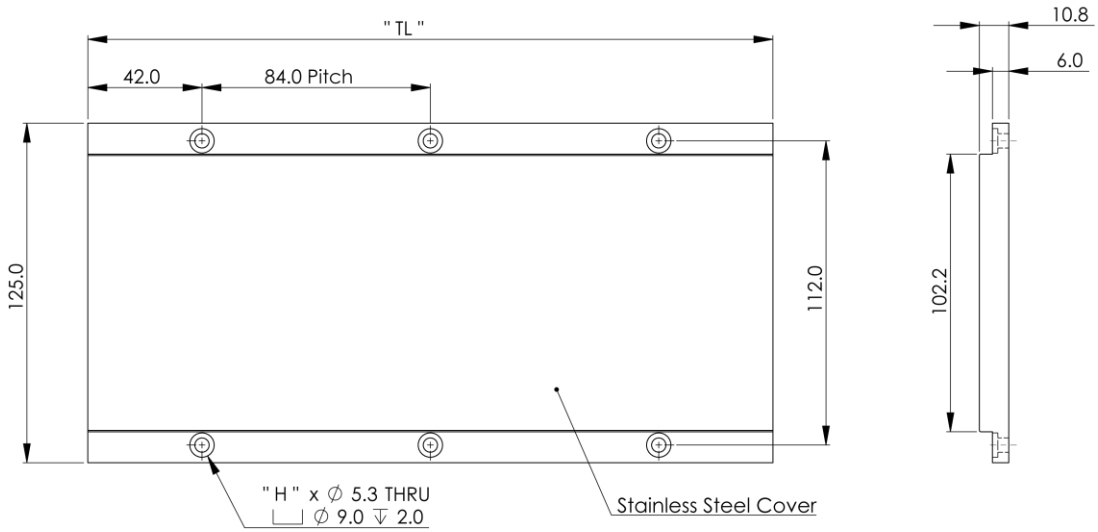
WATER COOLED MOTOR COIL-ACM4-W-S1



WATER COOLED MOTOR COIL-ACM4-W-S2



ACM4 MAGNET TRACK



Magnet Track P/N:	Track Length "TL"	No. of Holes "H"
ACM4-TL168	168.0	4
ACM4-TL252	252.0	6
ACM4-TL420	420.0	10

Part Numbering

Motor Coil

Model	Cooling Options	Segment	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
ACM4	Blank = Natural Convection W = Water Cooled	S1 or S2	J = Thermostat (standard) K = PT100 (RTD)	Blank[1] H9D[2]	3.0	Blank[3] NFB[4]

Example: ACM4-S1-J-3.0; ACM4-W-S1-J-3.0 ; ACM4-S2-J-H9D-3.0 ; ACM4-S2-J-H9D-3.0-NFB

Motor Track

Model	Track Length
ACM4	TL168/ TL252/ TL420

Example: ACM4-TL252

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

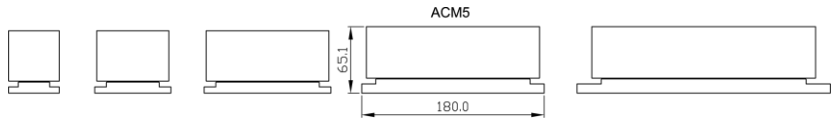
2 H9D = comes with built-in hall sensor & hall cable terminated with 9-Pins D-Sub connector.

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

4 NFB = motor cable terminated in flying leads.

ACM5 Specifications

- Low cogging force
- Coil length from 368 mm
- Integrated with hall sensor
- Maximum continuous force of 7,490.9 N
- Maximum peak force of 8,779.4 N



Model		ACM5-S2	ACM5-W-S2	ACM5-S4	ACM5-W-S4
		Air Convection	Water Cooled	Air Convection	Water Cooled
Performance Parameters	Unit	Parallel	Parallel	Parallel	Parallel
Continuous Force, coil @100°C	N	1679.9	3359.9	3359.9	6719.8
Continuous Force, coil @130°C	N	1872.7	3745.4	3745.4	7490.9
Peak Force	N	4389.7	4389.7	8779.4	8779.4
Motor Constant	N/Sqrt(W)	82.7	82.7	117.0	117.0
Continuous Power	W	412.3	1649.1	824.6	3298.3
Peak Power	W	2815.0	2815.0	5630.0	5630.0
Magnetic period	mm	42.0	42.0	42.0	42.0
Max Coil Temperature	°C	130.0	130.0	130.0	130.0
Continuous current@100°C	Arms	12.2	24.4	12.2	24.4
Continuous current@130°C	Arms	13.6	27.2	13.6	27.2
Peak current	Arms	36.6	36.6	36.6	36.6
Max bus voltage	Vdc	600.0	600.0	600.0	600.0
Force Constant	N/Arms	137.7	137.7	275.4	275.4
Back EMF Constant	Vpeak/m/s	112.4	112.4	224.9	224.9
Inductance	mH	36.0	36.0	72.0	72.0
Phase Resistance @25°C	ohms	2.8	2.8	5.5	5.5
Electical Time Constant	ms	13.0	13.0	13.0	13.0
Thermal Dissipation Constant	W/°C	5.5	22.0	11.0	44.0
Magnetic Attraction	KN	8.7	8.7	17.4	17.4

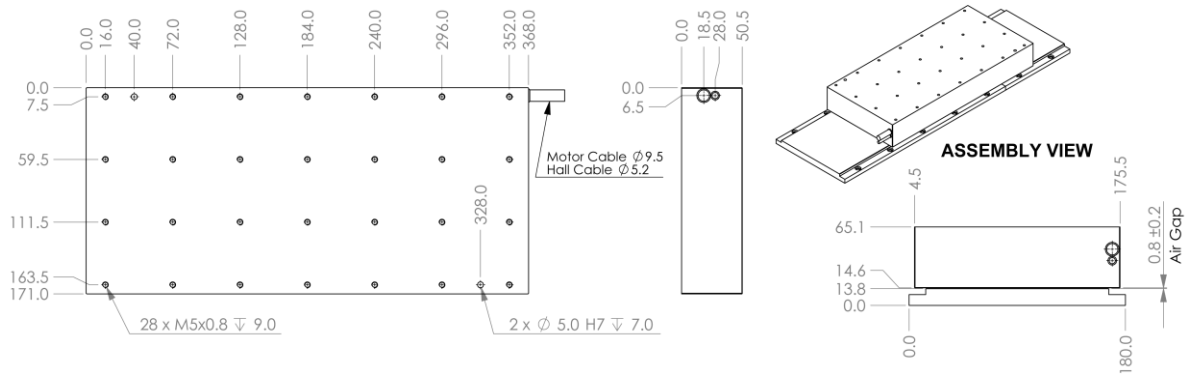
Motor Coil

Size	Length (mm)	Mass (kg)
S2	368.0	19.0
S4	704.0	37.0

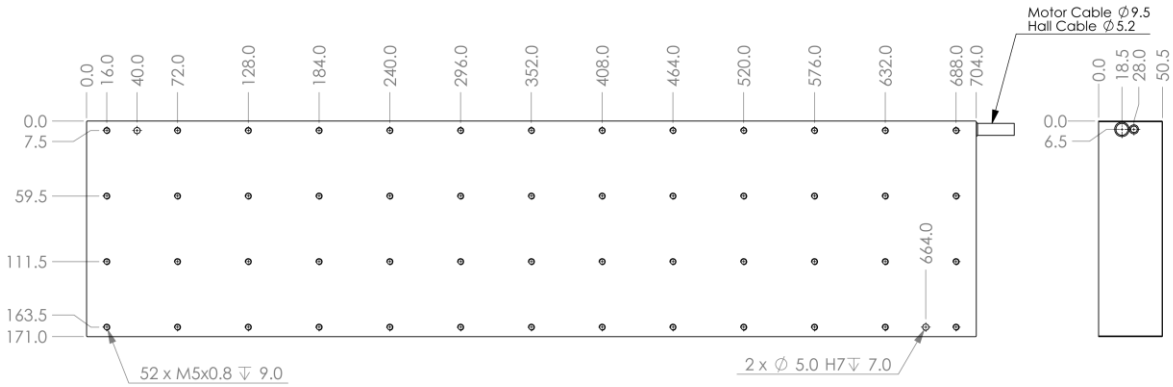
Motor Track

Size	Length (mm)	Mass (kg)
TL168	168.0	2.6
TL252	252.0	3.8
TL420	420.0	6.4

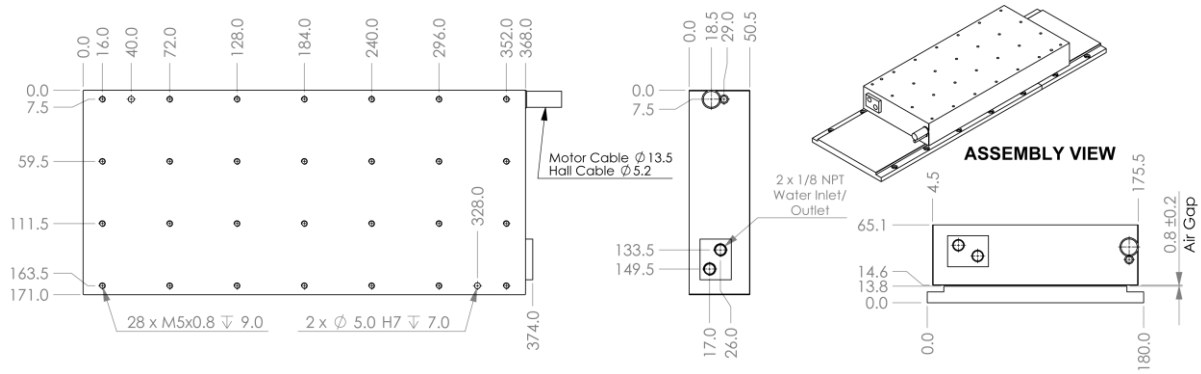
MOTOR COIL-ACM5-S2



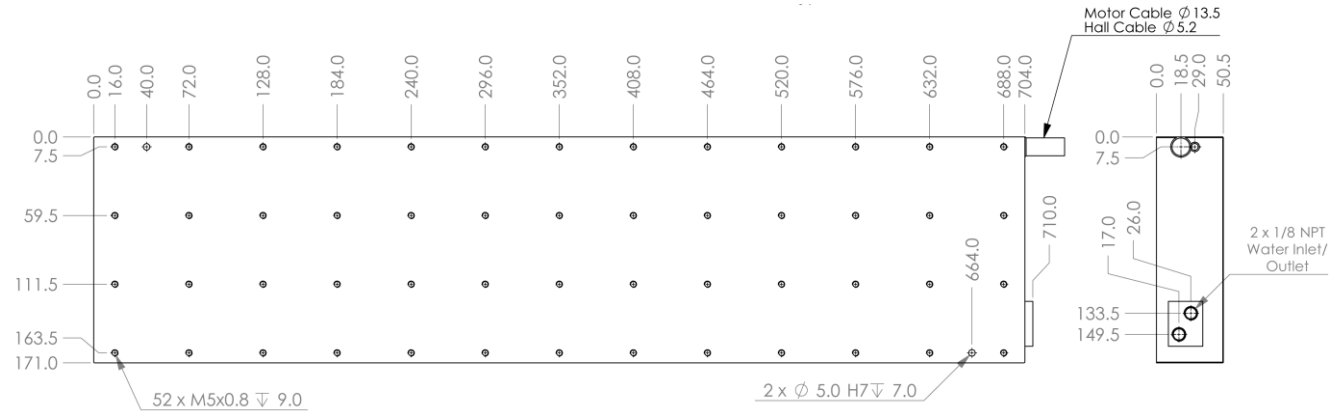
MOTOR COIL-ACM5-S4



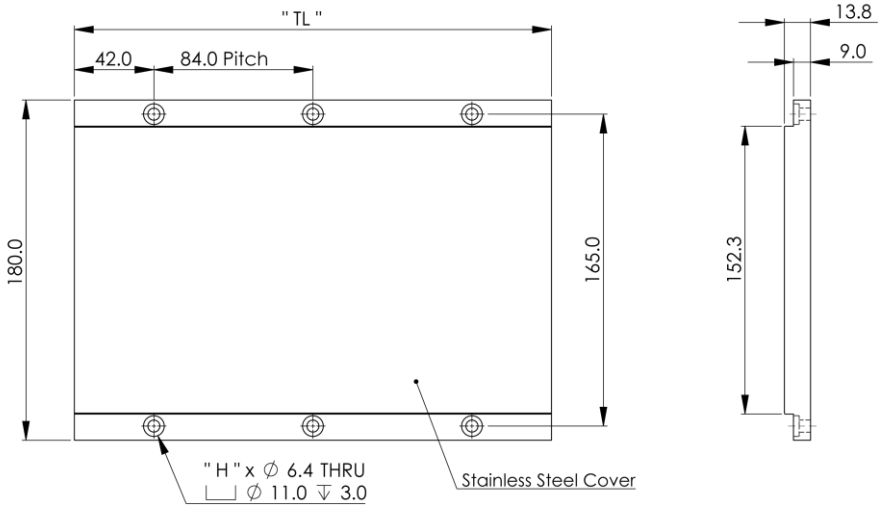
WATER COOLED MOTOR COIL-ACM5-W-S2



WATER COOLED MOTOR COIL-ACM5-W-S4



ACM5 MAGNET TRACK



Magnet Track P/N:	Track Length "TL"	No. of Holes "H"
ACM5-TL168	168.0	4
ACM5-TL252	252.0	6
ACM5-TL420	420.0	10

Part Numbering

Motor Coil

Model	Cooling Options	Segment	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
ACM5	Blank = Natural Convection W = Water Cooled	S2 or S4	J = Thermostat (standard) K = PT100 (RTD)	Blank[1] H9D[2]	3.0	Blank[3] NFB[4]

Example: ACM5-S2-J-3.0 ; ACM5-W-S2-J-3.0 ; ACM5-S1-J-H9D-3.0 ; ACM5-S1-J-H9D-3.0-NFB

Motor Track

Model	Track Length
ACM5	TL168/ TL252/ TL420

Example: ACM5-TL168

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

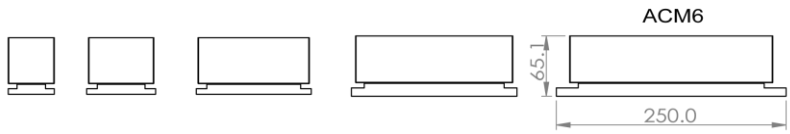
2 H9D = comes with Built-in hall sensor & hall cable terminated with 9-Pins D-Sub connector.

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

4 NFB = motor cable terminated in flying leads.

ACM6 Specifications

- Low cogging force
- Coil length from 368 mm
- Integrated with hall sensor
- Maximum continuous force of 9,914.7 N
- Maximum peak force of 11,705.8 N



Model		ACM6-S2	ACM6-W-S2	ACM6-S4	ACM6-W-S4
		Air Convection	Water Cooled	Air Convection	Water Cooled
Performance Parameters	Unit	Parallel	Parallel	Parallel	Parallel
Continuous Force, coil @100°C	N	2239.9	4479.8	4479.8	8959.7
Continuous Force, coil @130°C	N	2478.6	4957.2	4957.2	9914.4
Peak Force	N	5852.9	5852.9	11705.8	11705.8
Motor Constant	N/Sqrt(W)	101.1	101.1	142.9	142.9
Continuous Power dissipation	W	491.2	1964.7	982.3	3929.4
Peak Power	W	3353.6	3353.6	6707.2	6707.2
Magnetic period	mm	42.0	42.0	42.0	42.0
Max Coil Temperature	°C	130.0	130.0	130.0	130.0
Continuous current@100°C	Arms	12.2	24.4	12.2	24.4
Continuous current@130°C	Arms	13.5	27.0	13.5	27.0
Peak current	Arms	36.6	36.6	36.6	36.6
Max bus voltage	Vdc	600.0	600.0	600.0	600.0
Force Constant	N/Arms	183.6	183.6	367.2	367.2
Back EMF Constant	Vpeak/m/s	149.9	149.9	299.8	299.8
Inductance	mH	36.8	36.8	73.6	73.6
Phase Resistance @25°C	ohms	3.3	3.3	6.6	6.6
Electical Time Constant	ms	11.2	11.2	11.2	11.2
Thermal Dissipation Constant	W/°C	6.5	26.2	13.1	52.4
Magnetic Attraction	KN	11.4	11.4	22.8	22.8

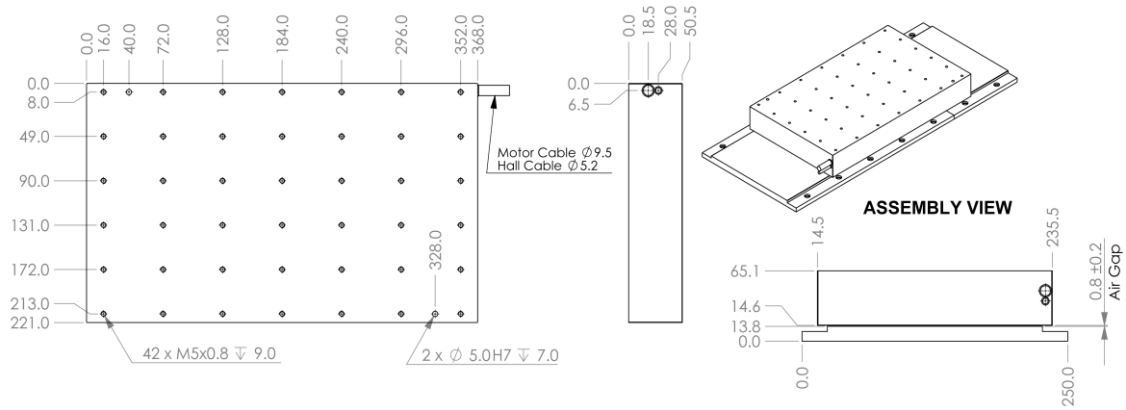
Motor Coil

Size	Length (mm)	Mass (kg)
S2	368.0	23.0
S4	704.0	45.0

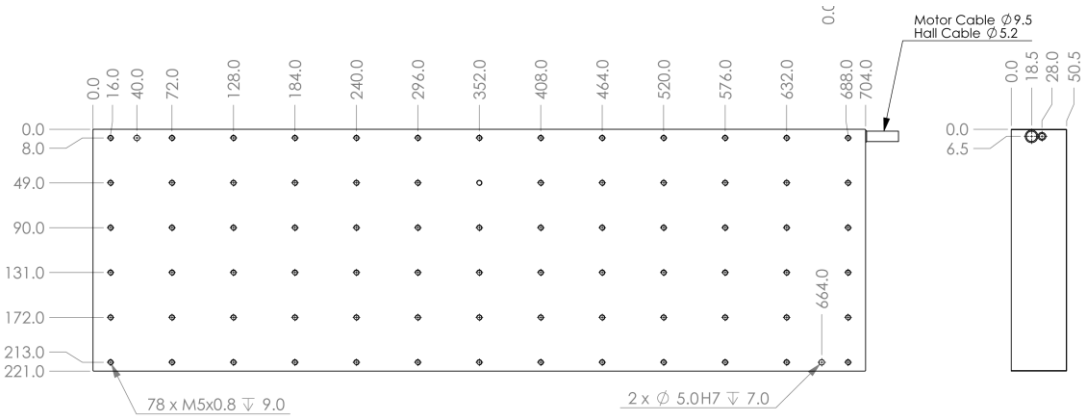
Motor Track

Size	Length (mm)	Mass (kg)
TL168	168.0	3.8
TL252	252.0	5.7
TL420	420.0	9.4

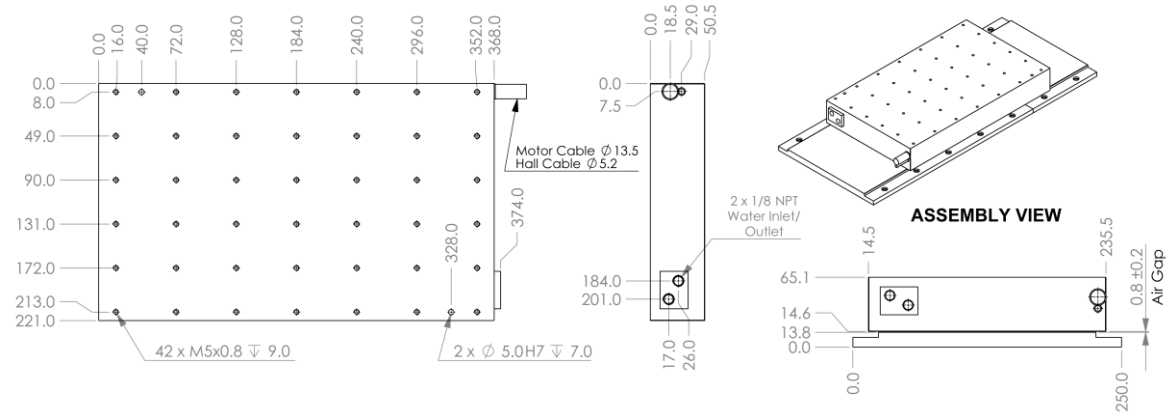
MOTOR COIL-ACM6-S2



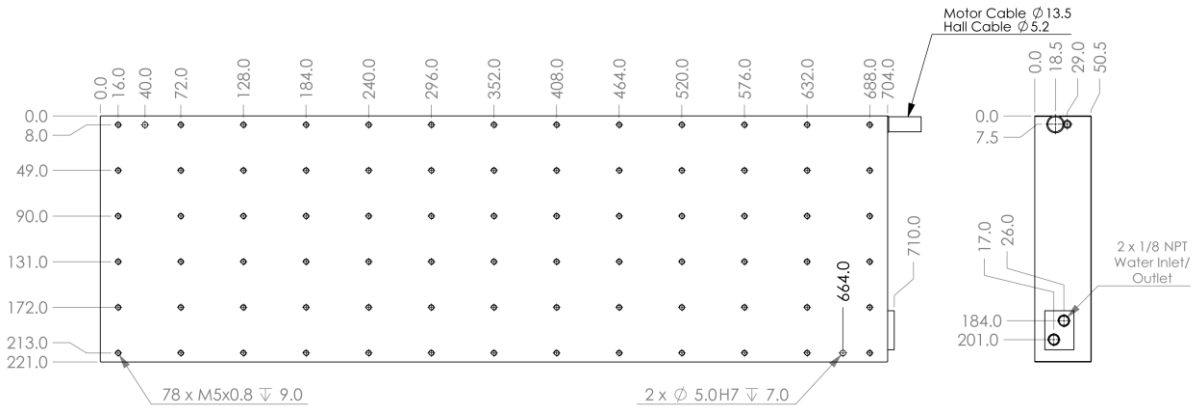
MOTOR COIL-ACM6-S4



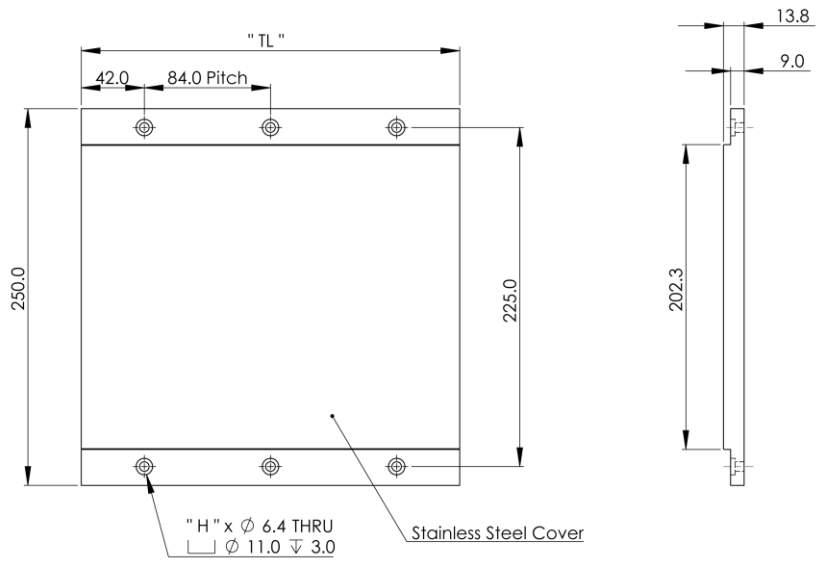
WATER COOLED MOTOR COIL-ACM6-W-S2



WATER COOLED MOTOR COIL-ACM6-W-S4



ACM6 MAGNET TRACK



Magnet Track P/N:	Track Length "TL"	No. of Holes "H"
ACM6-TL168	168.0	4
ACM6-TL252	252.0	6
ACM6-TL420	420.0	10

Part Numbering

Motor Coil

Model	Cooling Options	Segment	Thermal Sensor	Hall Options	Cable Length (m)	Ferrite Bead Options
ACM6	Blank = Natural Convection W = Water Cooled	S2 or S4	J = Thermostat (standard) K = PT100 (RTD)	Blank[1] H9D[2]	3.0	Blank[3] NFB[4]

Example: ACM6-S2-J-3.0 ; ACM6-W-S2-J-3.0 ; ACM6-S1-J-H9D-3.0 ; ACM6-S1-J-H9D-3.0-NFB

Motor Track

Model	Track Length
ACM6	TL168/ TL252/ TL420

Example: ACM6-TL420

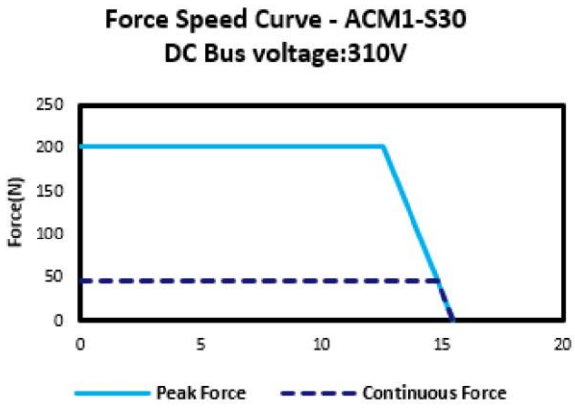
1 Blank = comes with built-in hall sensor & hall cable terminated in flying leads. (standard)

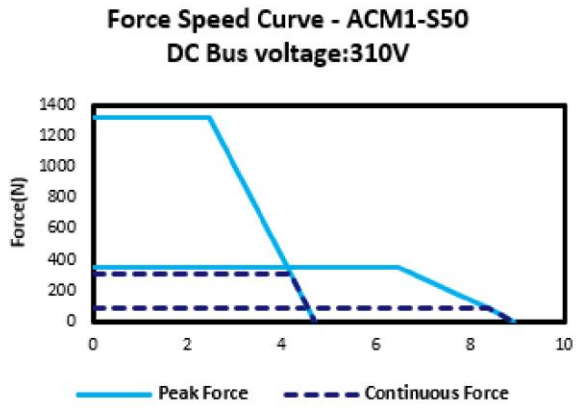
2 H9D = comes with built-in hall sensor & hall cable terminated with 9-Pins D-Sub connector.

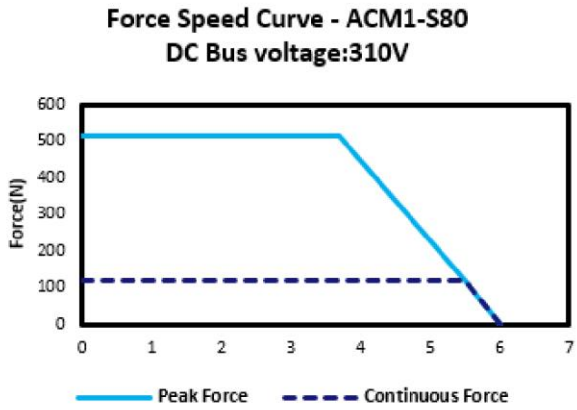
3 Blank = motor cable terminated with ferrite bead. (standard)

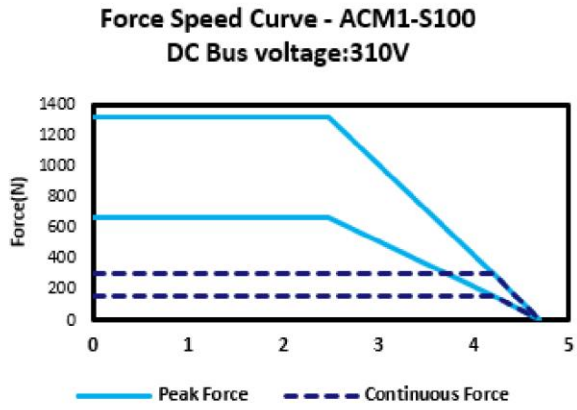
4 NFB = motor cable terminated in flying leads.

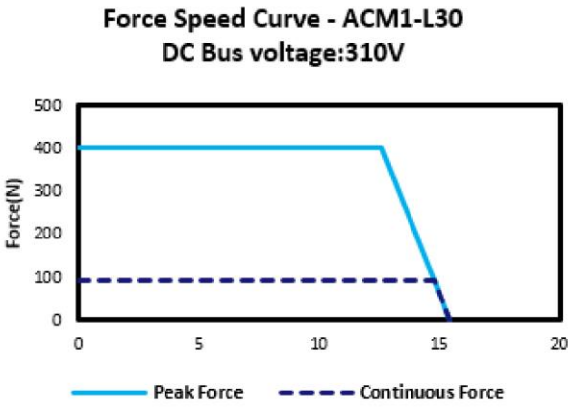
Force-Speed Curve

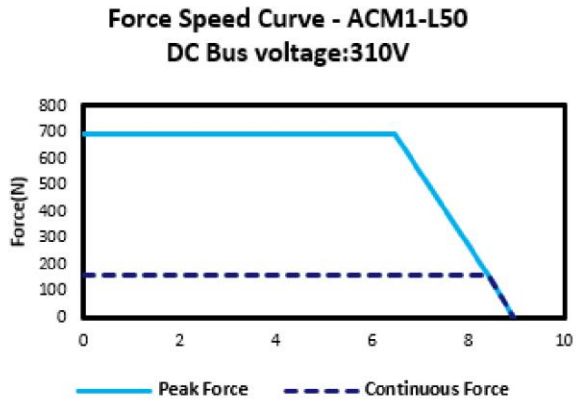




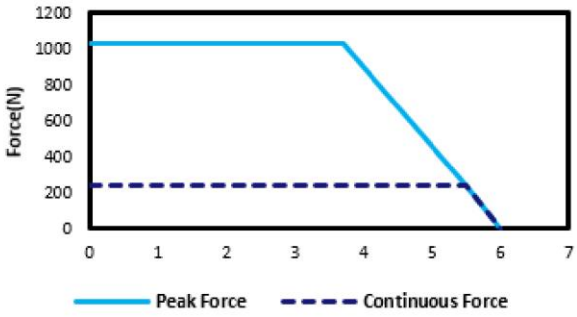




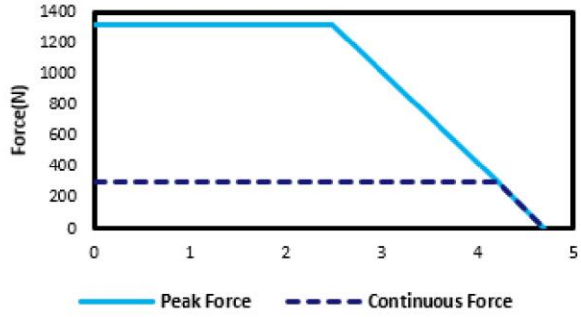




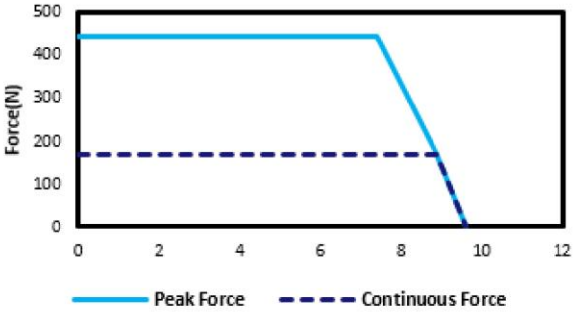
Force Speed Curve - ACM1-L80
DC Bus voltage:310V



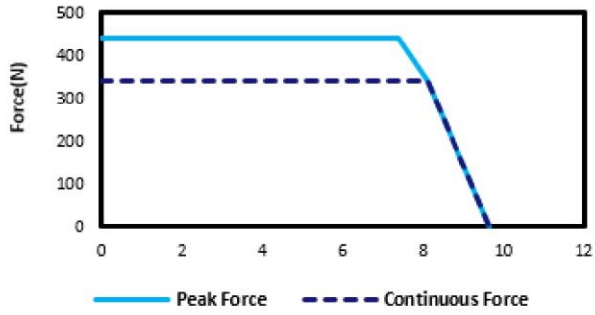
Force Speed Curve - ACM1-L100
DC Bus voltage:310V



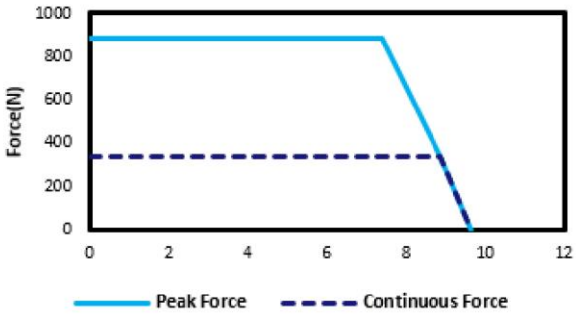
Force Speed Curve - ACM2-S1
DC Bus voltage:310V



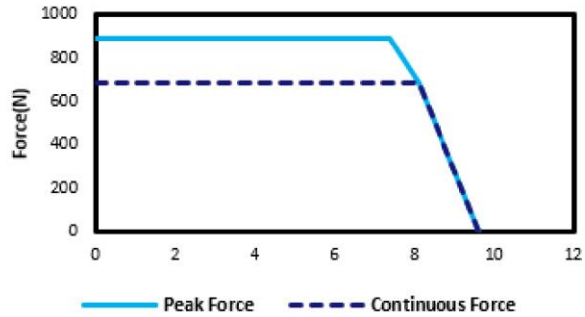
Force Speed Curve - ACM2-W-S1
DC Bus voltage:310V



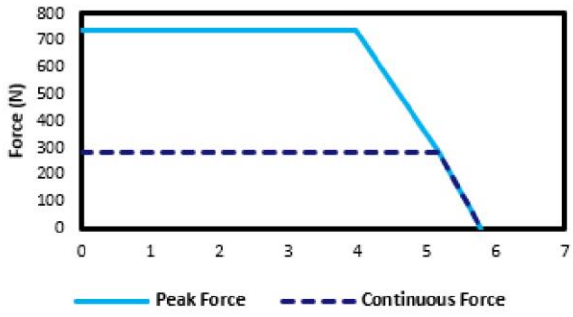
Force Speed Curve - ACM2-S2
DC Bus voltage:310V



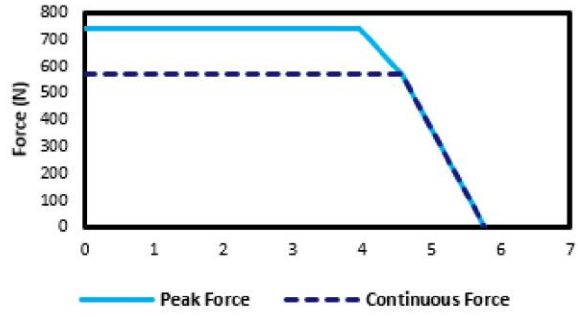
Force Speed Curve - ACM2-W-S2
DC Bus voltage:310V



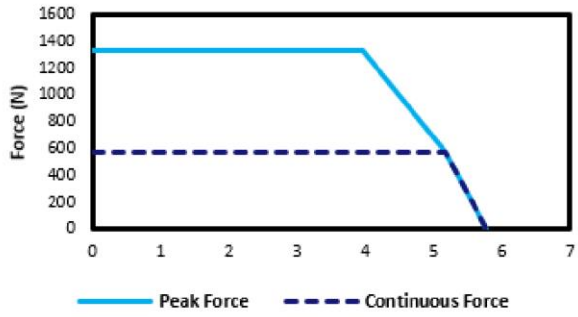
Force Speed Curve - ACM3-S1
DC Bus voltage:310V



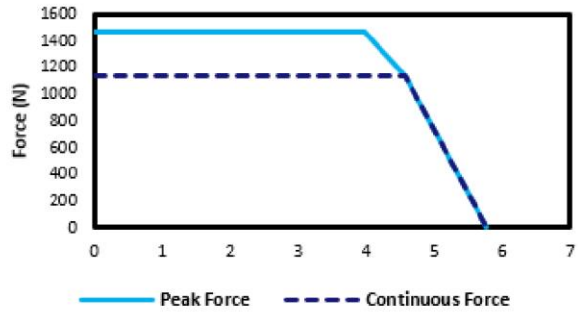
Force Speed Curve - ACM3-W-S1
DC Bus voltage:310V



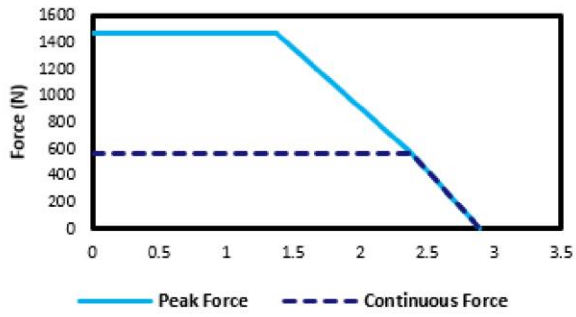
Force Speed Curve - ACM3-S2
DC Bus voltage:310V



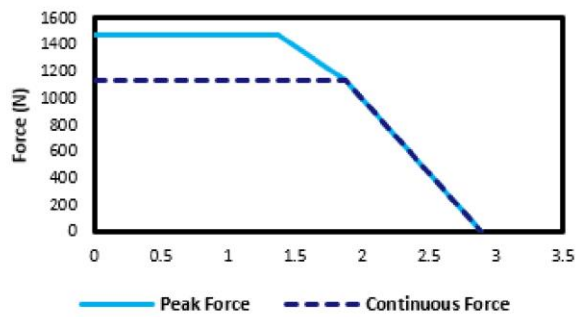
Force Speed Curve - ACM3-W-S2
DC Bus voltage:310V



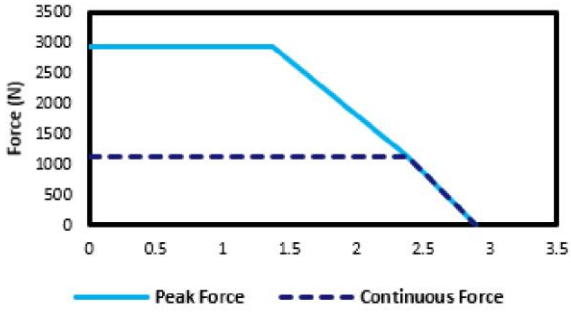
Force Speed Curve - ACM4-S1
DC Bus voltage:310V



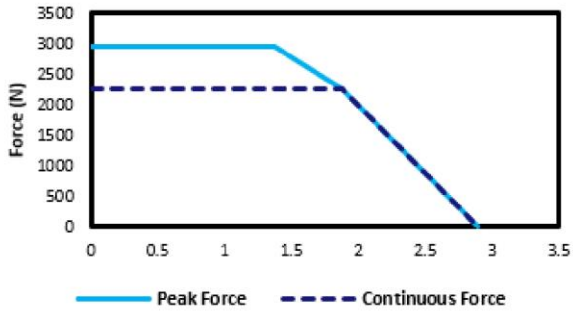
Force Speed Curve - ACM4-W-S1
DC Bus voltage:310V



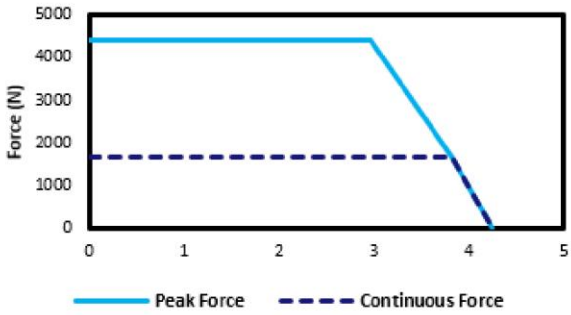
Force Speed Curve - ACM4-S2
DC Bus voltage:310V



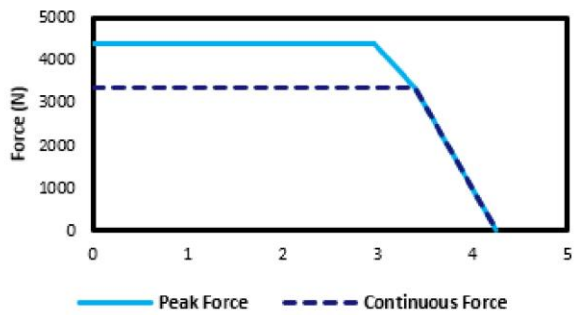
Force Speed Curve - ACM4-W-S2
DC Bus voltage:310V



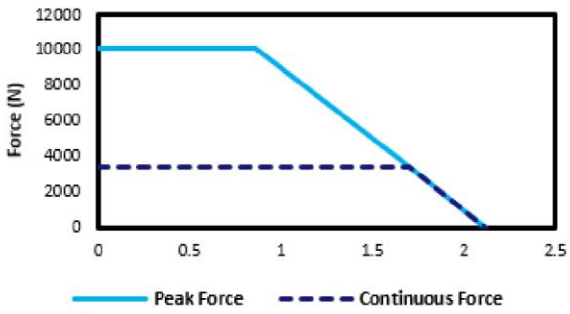
Force Speed Curve - ACM5-S2
DC Bus voltage:530V



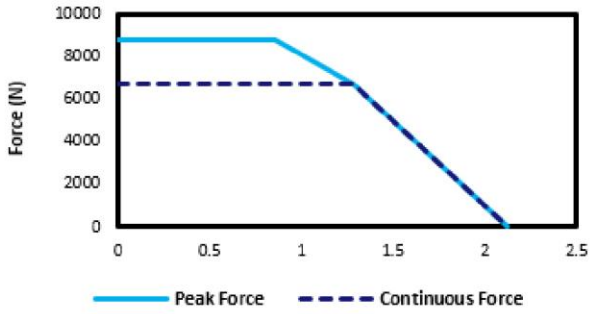
Force Speed Curve - ACM5-W-S2
DC Bus voltage:530V



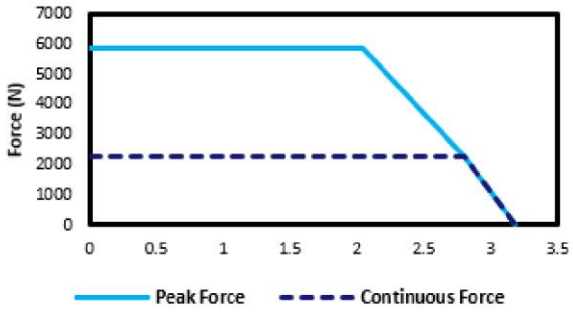
Force Speed Curve - ACM5-S4
DC Bus voltage:530V



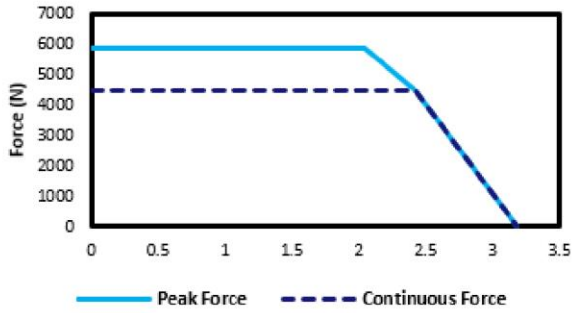
Force Speed Curve - ACM5-W-S4
DC Bus voltage:530V



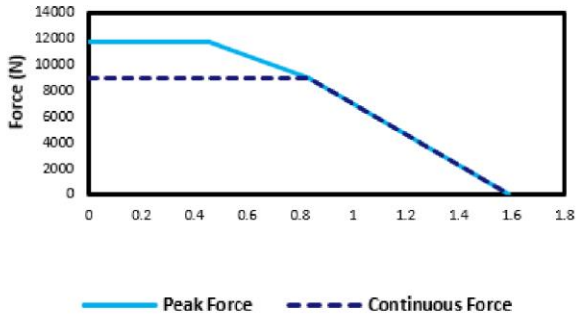
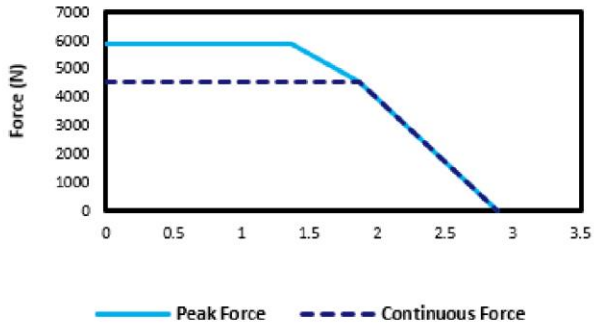
Force Speed Curve - ACM6-S2
DC Bus voltage:530V



Force Speed Curve - ACM6-W-S2
DC Bus voltage:530V



Force Speed Curve - ACM6-W-S4
DC Bus voltage:530V



Force Speed Curve - ACM4-D-W-S2
DC Bus voltage:310V