



SERIES G2 PRODUCT DATA SHEET

MODEL	PART NUMBER	MOTOR TYPE
SG2 15-A-E12V-10DL-WR00-MC	104520	Electric 12V
SG2 15-C-E12V-10DL-WR00-MC	104525	Electric 12V
SERIAL NUMBER	INSPECTED BY	DATE

ENGINEERING DATA

Rated Pulling Force:	15000 lbf	6804 kgf
Drum Barrel Diameter:	4 in	101.6 mm
Drum Flange Diameter:	8.24 in	209.3 mm
Drum Width:	9.95 in	252.7 mm
Evaluated Rope Diameter:	1/2 in	12.7 mm
Maximum Wire Rope Diameter:	1/2 in	12.7 mm
Minimum Wire Rope Breaking Strength:	26600 lbf	12065 kgf
Maximum Layers of Wire Rope:	3 with 1/2in rope	
Gear Train:	Planetary	
Gear Reduction:	321:1	
Mounting Bolt Size:	M12 X 1.75 Class 8.8	
Mounting Bolt Torque:	46-51 lbf-ft	63-69 Nm
Duty Cycle (per SAE J706 section 6.2):	12.4 ft	3.8 m
Approximate Shipping Weight:	99.4 lbf	45.1 kg
Brake Type:	Automatic Disk Brake per SAE J706 Sec. 4.2	
Sealing:	IP68/IP69K	
UV Rating:	1200 kJ/m ² per ASTM G154	
Corrosion Resistance:	408 hrs per ASTM B117	
Operating Temperature:	-40°F to 158°F (-40°C to 70°C)	
Decibels:	85.5 dB	
EMC Emissions:	CISPR 25:2008	
EMC Immunity:	ISO 7637-2:2004	

PERFORMANCE BY LAYER

DRUM LAYER	LINE LOAD*			LINE SPEED	
	lbf	kgf	kN	ft/min	m/min
1	15000	6804	66.7	19.1	5.8
2	12273	5567	54.6	20.2	6.2
3	10385	4710	46.2	21.3	6.5

*Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended

FIRST LAYER PERFORMANCE

LINE LOAD		CURRENT DRAW	LINE SPEED (AT LOAD)		DUTY CYCLE
lbf	kgf	AMPS	ft/min	m/min	min/10min
0	0	103.4	19.1	5.8	2:30
3000	1361	217.2	10.3	3.1	1:50
6000	2722	310.7	7.7	2.3	1:20
9000	4082	401.9	6.7	2.0	1:00
12000	5443	495.2	5.4	1.6	0:50
15000	6804	579.7	4.8	1.5	0:30



DESCRIPTION

SeriesG2 Electric winches provide new levels of performance, durability, and efficiency to help get jobs done quickly and reliably time after time.

ACCESSORIES

SeriesG2 winches represents an all-new level of modular design, customization, and versatility, no matter the application. Please visit www.warn.com/industrial for all available accessories and options.

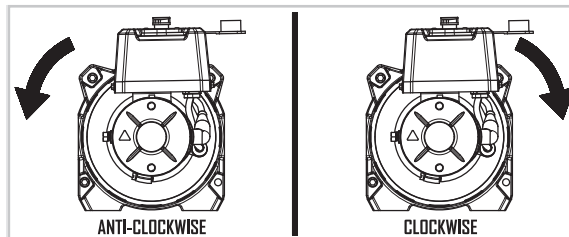
STANDARDS COMPLIANCE

2006/42/EC - EN ISO 12100:2010, EN 60529:1992+A2:2013, EN 14492-1:2006*
2014/30/EU - EN 50498:2010, ISO 7637-2:2011, CISPR 25
2011/65/EU - EN 63000:2018

Also complies with:
SAE J706

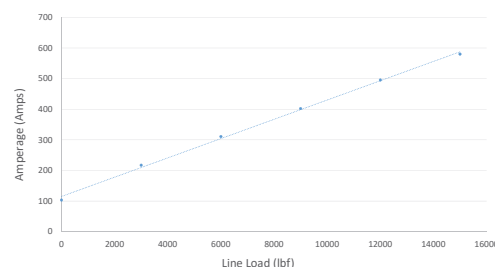
*Conforms with exceptions

DRUM ROTATION



As viewed from motor end

FIRST LAYER PERFORMANCE



WARN INDUSTRIES, INC
INDUSTRIAL PRODUCTS

Customer Service (North America): 1.800.543.9276
Customer Service (International): 1.503.722.3008
www.warn.com

12900 S.E. Capps Road,
Clackamas, OR USA 97015



SERIES G2 PRODUCT DATA SHEET

MODEL	PART NUMBER	MOTOR TYPE
SG2 15-A-E12V-10DL-WR00-MC	104520	Electric 12V
SG2 15-C-E12V-10DL-WR00-MC	104525	Electric 12V

DRUM CAPACITY BY LAYER

DRUM LAYER	DRUM LENGTH							
	6.5"		8"		10"		12.5"	
	ft	m	ft	m	ft	m	ft	m
1	16	4.9	16	4.9	20	6.1	27	8.2
2	36	11.0	36	11.0	45	13.7	61	18.6
3	60	18.3	60	18.3	75	22.9	100	30.5

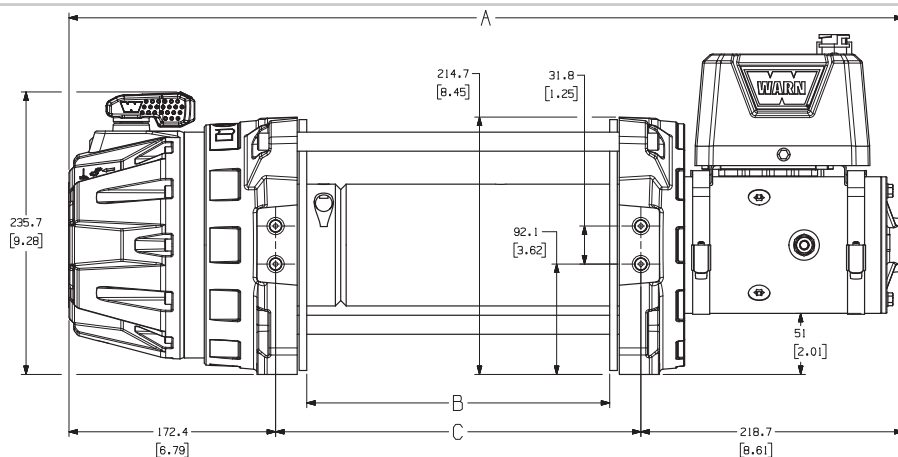
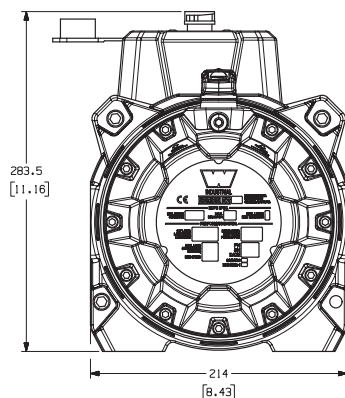
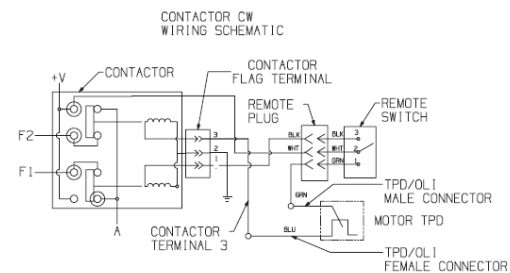
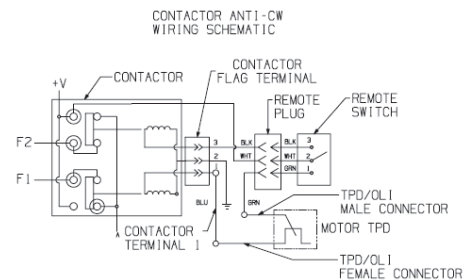
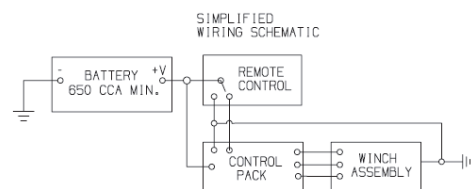
TOTAL DRUM CAPACITY

ROPE DIAMETER	DRUM LENGTH							
	6.5"		8"		10"		12.5"	
	ft	m	ft	m	ft	m	ft	m
1/2	60	18.3	60	18.3	75	22.9	100	30.5

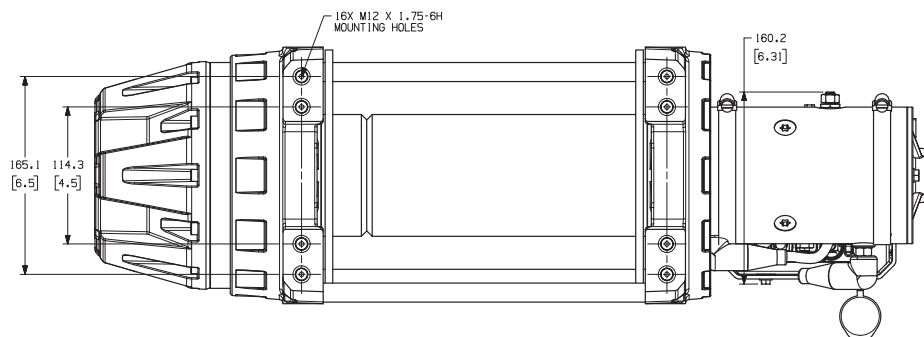
ELECTRICAL SYSTEM SPECIFICATIONS

Battery Voltage:	12V
Minimum Battery Rating:	650 CCA
Maximum Rated Input Speed:	5204 RPM

WIRING SCHEMATIC



DRUM SIZE	UNITS	A	B WIRE	B SYNTH.	C
6.5" DRUM	mm	606.9	163.8	151.1	215.8
	in	23.89	6.45	5.95	8.50
8" DRUM	mm	645.0	201.9	189.2	253.9
	in	25.39	7.95	7.45	10.00
10" DRUM	mm	695.8	252.7	240.0	304.7
	in	27.39	9.95	9.45	12.00
12.5" DRUM	mm	759.3	316.2	303.5	368.2
	in	29.89	12.45	11.95	14.50



WARN INDUSTRIES, INC
INDUSTRIAL PRODUCTS

Customer Service (North America): 1.800.543.9276
Customer Service (International): 1.503.722.3008
www.warn.com

12900 S.E. Capps Road,
Clackamas, OR USA 97015

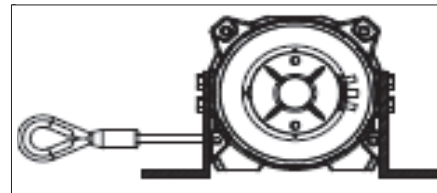
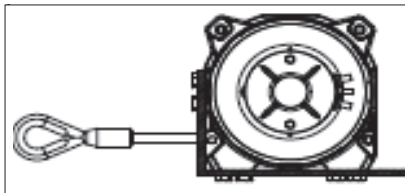
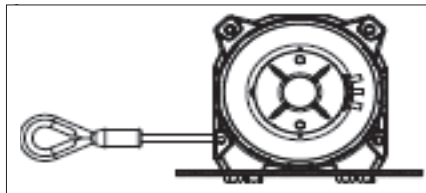


SERIES G2 PRODUCT DATA SHEET

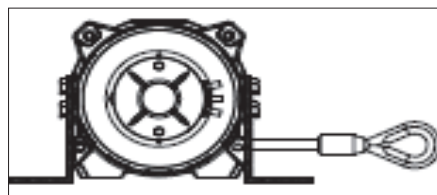
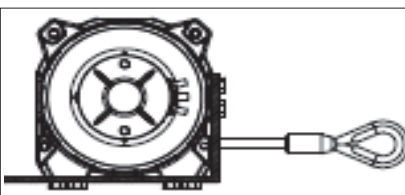
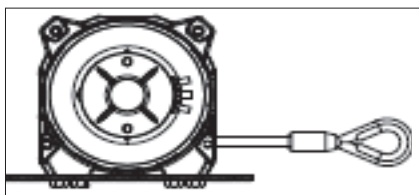
MOUNTING CONFIGURATIONS

MODEL	PART NUMBER	MOTOR TYPE	ALL MOUNTING MUST BE OBSERVED FROM MOTOR END
SG2 15-A-E12V-10DL-WR00-MC	104520	Electric 12V	
SG2 15-C-E12V-10DL-WR00-MC	104525	Electric 12V	

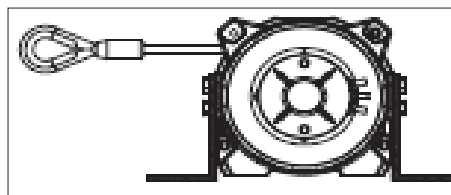
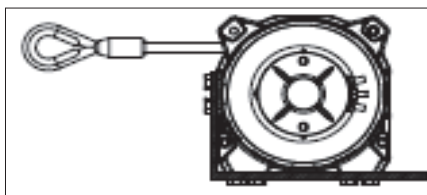
FEET DOWN, ROPE UNDER DRUM, COMING IN FROM THE LEFT (DUL) - ANTI-CLOCKWISE ROTATION



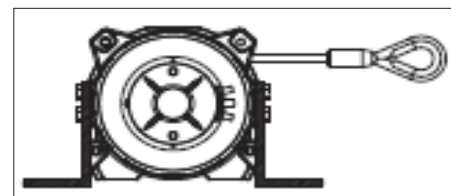
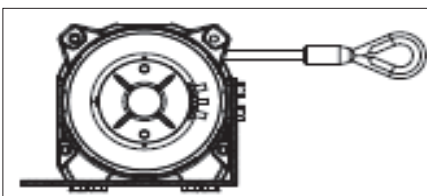
FEET DOWN, ROPE UNDER DRUM, COMING IN FROM THE RIGHT (DUR) - CLOCKWISE ROTATION



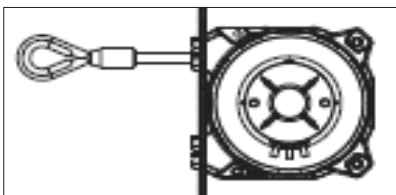
FEET DOWN, ROPE OVER DRUM, COMING IN FROM THE LEFT (DOL) - CLOCKWISE ROTATION



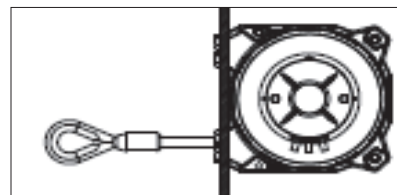
FEET DOWN, ROPE OVER DRUM, COMING IN FROM THE RIGHT (DOR) - ANTI-CLOCKWISE ROTATION



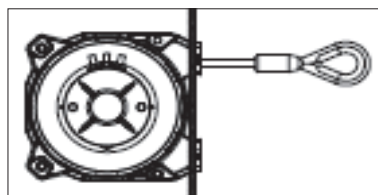
FEET FORWARD, ROPE OVER DRUM, COMING IN FROM THE LEFT (FOL) - CLOCKWISE



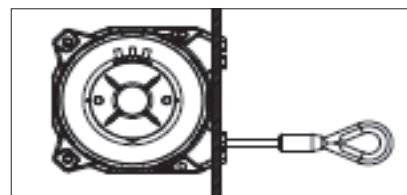
FEET FORWARD, ROPE UNDER DRUM, COMING IN FROM THE LEFT (FUL) - ANTI-CLOCKWISE



FEET FORWARD, ROPE OVER DRUM, COMING IN FROM THE RIGHT (FOR) - ANTI-CLOCKWISE



FEET FORWARD, ROPE UNDER DRUM, COMING IN FROM THE RIGHT (FUR) - ANTI-CLOCKWISE



WARN INDUSTRIES, INC
INDUSTRIAL PRODUCTS

Customer Service (North America): 1.800.543.9276
Customer Service (International): 1.503.722.3008
www.warn.com

12900 S.E. Capps Road,
Clackamas, OR USA 97015