

▲ Waterproof Solenoid

▲ Softer Wire Rope
Low Noise Brake

▲ Low Amp Waterproof Motor

▲ High Efficiency
Waterproof Gear Box

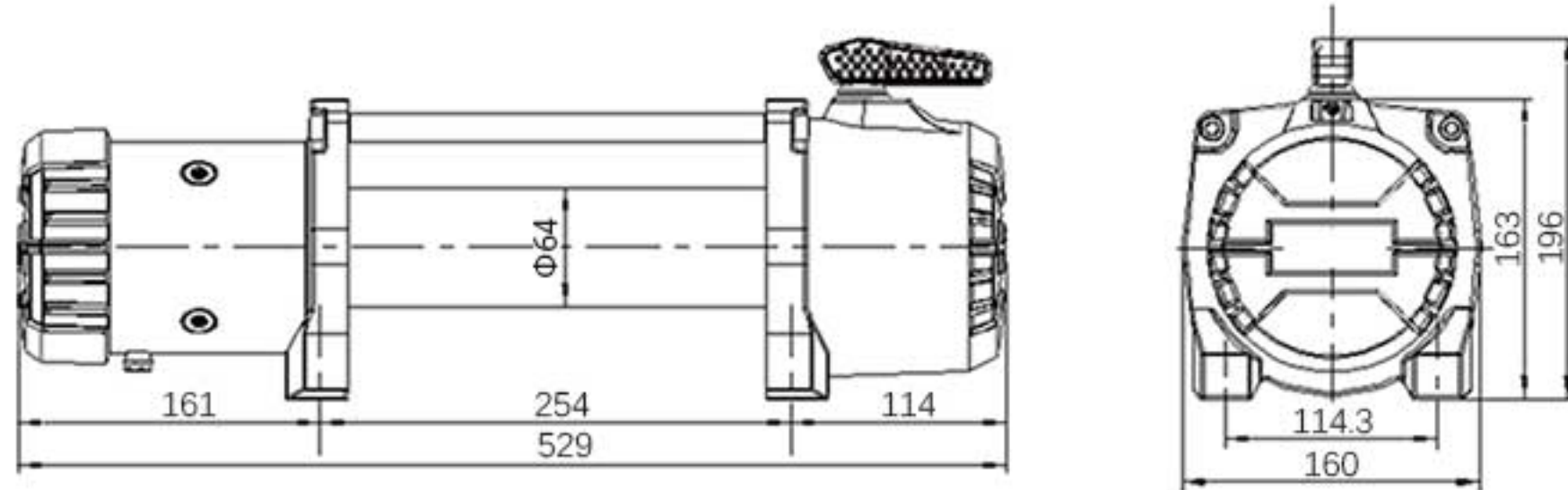
▲ High Speed
▲ Long Working Duty



MuscleLift®



MUSCLELIFT EW-9500



Part Number: 7329104(12V)/7330104(24V)

Rated Line Pull:	9500Lbs (4309kgs) single-line
Motor:	6.6hp/12V Series Wound/ 6.6hp/24V Series Wound
Control:	Remote Switch, 12'(3.7m) lead
Gear Train:	3-Stage Planetary
Gear Ratio:	161.28
Clutch:	Sliding Ring Gear
Brake:	Automatic In The Drum
Drum Size:	Diameter2.5"(63.5mm)Length8.75"(222mm)
Wire Rope:	94' 5/16" Diameter(28.5m,8mm Diameter)
Fairlead:	4-Way Roller
Remote Control:	Included
Recommended Battery:	650CCA minimum for winching
Battery Leads:	25mm2, 72"(1.83m)
Finish:	Black
Weight:	77Lbs (35Kg)
Overall Dimension:	(L×W×H)20.83"×6.3"×7.8"(529×160×196)
Mounting Bolt Pattern:	10.00±0.015IN×4.50±0.010IN (254.0×114.3mm)

Line Pull & Cable Capacity

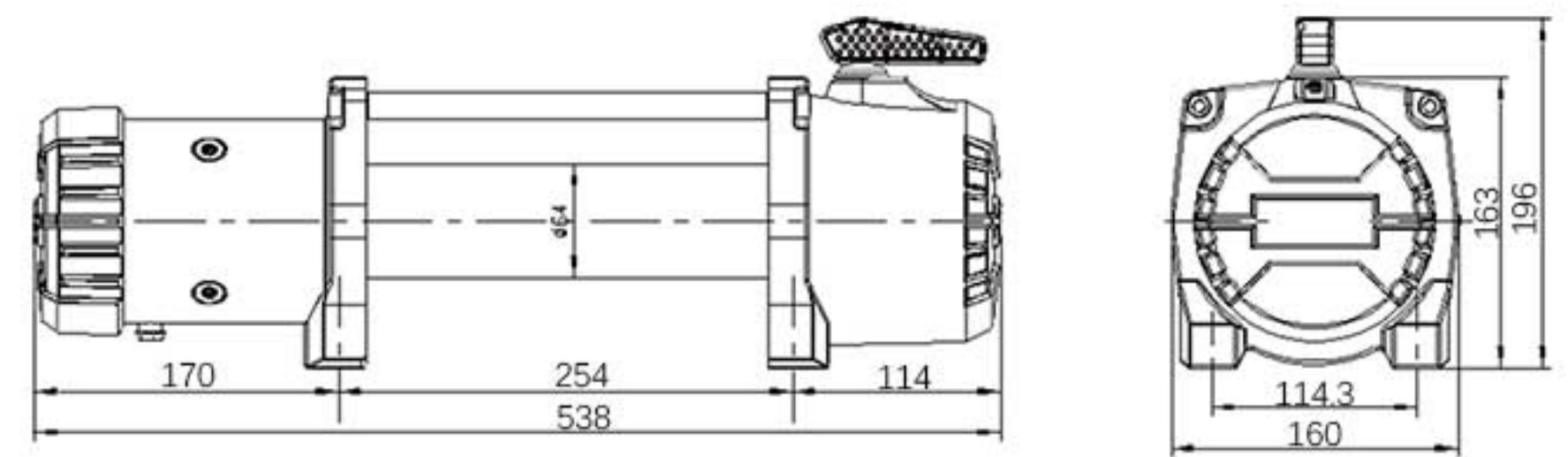
Layers Of Cable			1	2	3	4
Rated Line pull per layer	lbs		9500	8435	7640	7086
	kg		4309	3822	3460	3212
Cable capacity per Layer	ft		16	42	72	94
	mpm		5	12	21	28

Line Speed & Amp Draw–First Layer

Line Pull	lbs		No	2000	4000	6000	8000	9500
	kg		Load	907	1814	2721	3628	4309
Line Speed	ft/min	12V	35.42	20.34	15.09	11.15	9.68	6.89
		24V	41	21.32	19.02	14.10	12.63	11.81
	m/min	12V	10.8	6.2	4.6	3.4	2.95	2.1
		24V	12.5	6.5	5.8	4.3	3.85	3.6
Motor	Amps	12V	80	155	224	303	365	415
		24V	48	86	121	159	193	215



MUSCLELIFT EW-12500



Part Number: 7345104(12V)/7346104(24V)

Rated Line Pull:	12500Lbs.(5670Kgs.)single-line
Motor:	6.6hp/12V Series Wound/ 6.6hp/24V Series Wound
Control:	Remote Switch, 12'(3.7m) lead
Gear Train:	3-Stage Planetary
Gear Ratio:	193.2
Clutch:	Sliding Ring Gear
Brake:	Automatic In The Drum
Drum Size:	Diameter2.5"(63.5mm)Length8.75"(222mm)
Wire Rope:	85' 3/8" diameter(26m,9 . 2mm diameter)
Fairlead:	4-Way Roller
Remote Control:	Included
Recommended Battery:	650CCA minimum for winching
Battery Leads:	25mm2, 72"(1.83m)
Finish:	Black
Weight:	83Lbs(38Kg)
Overall Dimension:	(L×W×H)21.2"×6.3"×7.8"(538×160×196)
Mounting Bolt Pattern:	10.00±0.015IN×4.50±0.010IN (254.0×114.3mm)

Line Pull & Cable Capacity

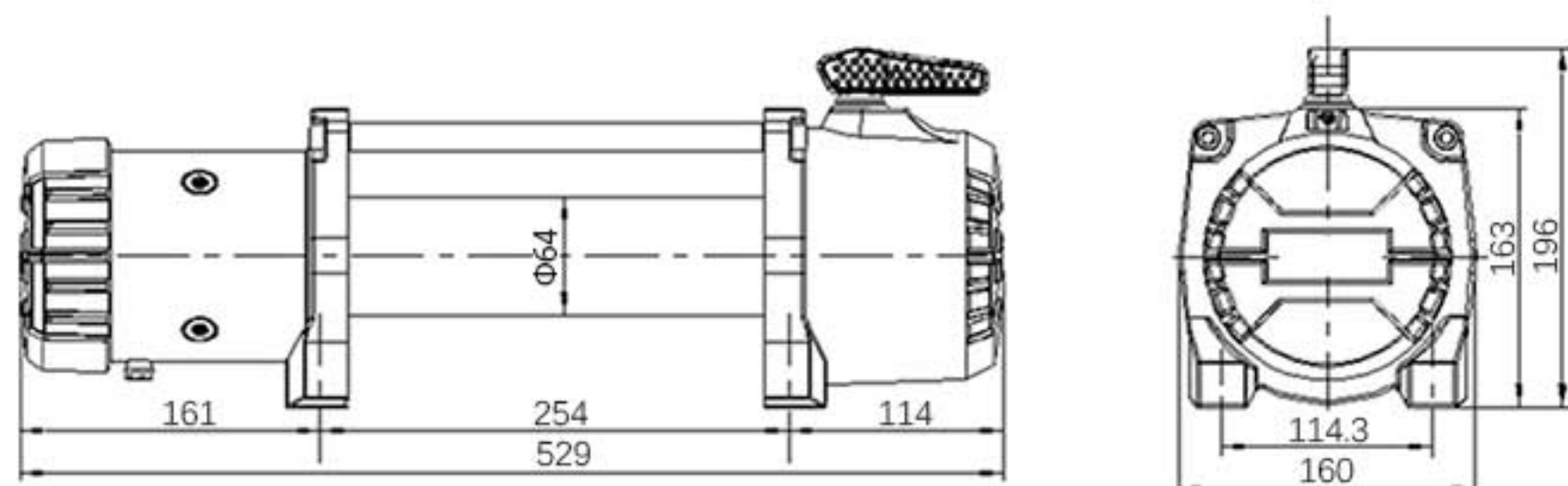
Layers Of Cable			1	2	3	4
Rated Line pull per layer	lbs		12500	10700	9575	8800
	kg		5670	4853	4343	3991
Cable capacity per Layer	ft		17.1	36.7	60.6	85
	mpm		5.27	11.2	18.5	26

Line Speed & Amp Draw–First Layer

	lbs		No	2000	4000	6000	8000	10000	12000	12500
	kg		Load	907	1814	2721	3629	4536	5443	5670
Line Speed	ft/min	12V	28.208	13.45	9.84	8.856	7.872	6.888	5.904	5.412
		24V	33.456	17.06	14.43	12.14	10.82	9.02	8.2	8.036
	m/min	12V	8.6	4.1	3.0	2.7	2.4	2.1	1.8	1.65
		24V	10.2	5.2	4.4	3.7	3.3	2.75	2.5	2.45
Motor	Amps	12V	68	122	174	226	278	330	385	395
		24V	38	70	94	122	151	178	203	206



MUSCLELIFT EW-9500



Part Number: 9229104(12V)/9230104(24V)

Rated Line Pull:	9500Lbs (4309kgs) single-line
Motor:	6.6hp/12V Series Wound/ 6.6hp/24V Series Wound
Control:	Remote Switch, 12'(3.7m) lead
Gear Train:	3-Stage Planetary
Gear Ratio:	161.28
Clutch:	Sliding Ring Gear
Brake:	Automatic In The Drum
Drum Size:	Diameter2.5"(63.5mm)Length8.75"(222mm)
Wire Rope:	94' 3/8" Diameter(28.5m,9.4mm Diameter)9194281
Fairlead:	A.F.L
Remote Control:	Included
Recommended Battery:	650CCA minimum for winching
Battery Leads:	25mm2, 72"(1.83m)
Finish:	Black
Weight:	57Lbs (26Kg)
Overall Dimension:	(L×W×H)20.83"×6.3"×7.8"(529×160×196)
Mounting Bolt Pattern:	10.00±0.015IN×4.50±0.010IN (254.0×114.3mm)

Line Pull & Cable Capacity

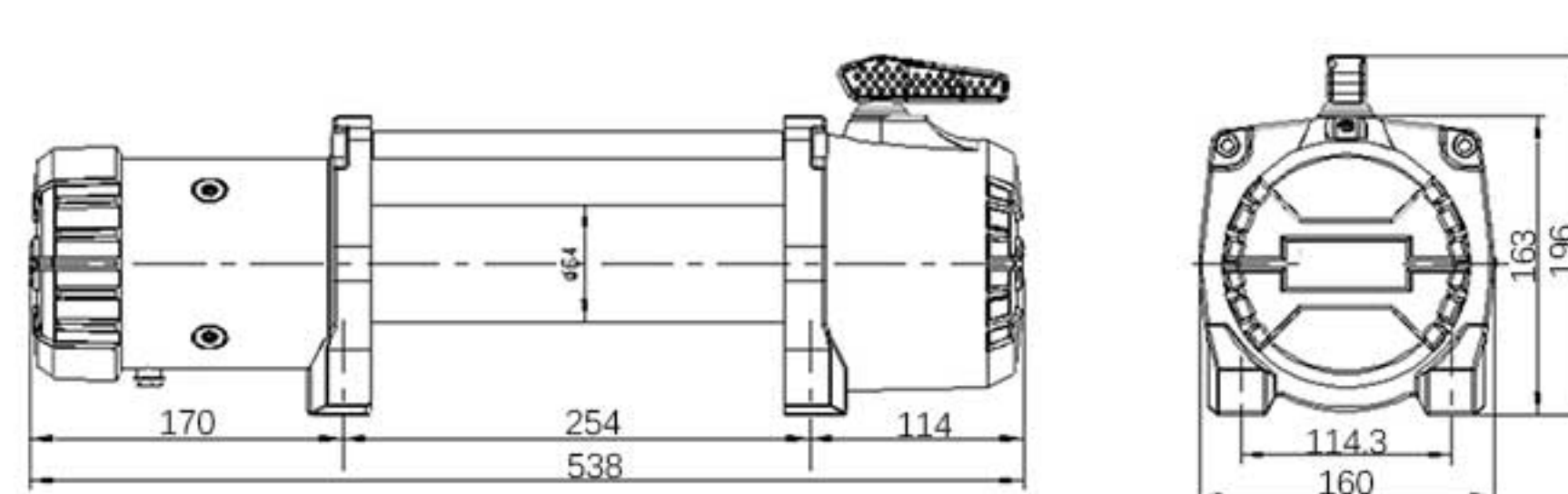
Layers Of Cable		1	2	3	4
Rated Line pull per layer	lbs	9500	8435	7640	7086
	kg	4309	3822	3460	3212
Cable capacity per Layer	ft	16	42	72	94
	mpm	5	12	21	28

Line Speed & Amp Draw–First Layer

Line Pull	lbs		No	2000	4000	6000	8000	9500
	kg		Load	907	1814	2721	3628	4309
Line Speed	ft/min	12V	35.42	20.34	15.09	11.15	9.68	6.89
		24V	41	21.32	19.02	14.10	12.63	11.81
	m/min	12V	10.8	6.2	4.6	3.4	2.95	2.1
		24V	12.5	6.5	5.8	4.3	3.85	3.6
Motor	Amps	12V	80	155	224	303	365	415
		24V	48	86	121	159	193	215



MUSCLELIFT EW-12500



Part Number: 9245104(12V)/9246104(24V)

Rated Line Pull:	12500Lbs.(5670Kgs.)single-line
Motor:	6.6hp/12V Series Wound/ 6.6hp/24V Series Wound
Control:	Remote Switch, 12'(3.7m) lead
Gear Train:	3-Stage Planetary
Gear Ratio:	193.2
Clutch:	Sliding Ring Gear
Brake:	Automatic In The Drum
Drum Size:	Diameter2.5"(63.5mm)Length8.75"(222mm)
Wire Rope:	88' 7/16" diameter(27m,11mm diameter)9111271
Fairlead:	A.F.L
Remote Control:	Included
Recommended Battery:	650CCA minimum for winching
Battery Leads:	25mm2, 72"(1.83m)
Finish:	Black
Weight:	61Lbs(27.6Kg)
Overall Dimension:	(L×W×H)21.2"×6.3"×7.8"(538×160×196)
Mounting Bolt Pattern:	10.00±0.015IN×4.50±0.010IN (254.0×114.3mm)

Line Pull & Cable Capacity

Layers Of Cable		1	2	3	4
Rated Line pull per layer	lbs	12500	10700	9575	8800
	kg	5670	4853	4343	3991
Cable capacity per Layer	ft	17.1	36.7	60.6	85
	mpm	5.27	11.2	18.5	26

Line Speed & Amp Draw–First Layer

	lbs		No	2000	4000	6000	8000	10000	12000	12500
	kg		Load	907	1814	2721	3629	4536	5443	5670
Line Speed	ft/min	12V	28.208	13.45	9.84	8.856	7.872	6.888	5.904	5.412
		24V	33.456	17.06	14.43	12.14	10.82	9.02	8.2	8.036
	m/min	12V	8.6	4.1	3.0	2.7	2.4	2.1	1.8	1.65
		24V	10.2	5.2	4.4	3.7	3.3	2.75	2.5	2.45
Motor	Amps	12V	68	122	174	226	278	330	385	395
		24V	38	70	94	122	151	178	203	206



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