



Layer	Line pull by layer		Cable Capacity	
	lbs	kgs	ft	m
1	9500	4313	15	4.5
2	7500	3405	38	11.6
3	6200	2815	64	19.5
4	5300	2406	92	28.0

RES9500 Winch performance data (first layer of the drum)

Line pull		Line speed 12V		Line speed 24V		Motor current (amp)	
Lbs	kgs	Ft/min	m/min	Ft/min	m/min	12V	24V
0	0	21.0	6.4	22.5	6.9	86	65
4000	1810	12.5	3.8	14.8	4.5	205	145
6000	2720	10.5	3.2	12.5	3.8	235	190
8000	3630	8.6	2.6	10.5	3.2	252	220
9500	4313	7.9	2.4	9.2	2.8	330	275

Specifications

Model	RES9500			
	E16E09	E16E10	E16E11	E16E12
Rated line pull	9500 lbs (4313 kgs), single line			
Motor(permanent magnet)	12V DC input power: 4.9Hp(3.6kw)		24V DC input power: 4.9Hp(3.6kw)	
Gear Ratio	210:1			
Gear train	3-stage planetary			
Brake	Automatic load-holding brake			
Power in and power out	Yes			
Free Spooling	Yes			
Drum	Ø2.64"x8.35"(Ø67mmx212mm)			
Rope material	Steel cable	Synthetic rope	Steel cable	Synthetic rope
Rope dia. & length	Ø3/8"x92'(Ø9.5mmx28m)			
Hook(with safety latch)	3/8"			
Fairlead	Roller fairlead	Aluminum hawse fairlead	Roller fairlead	Aluminum hawse fairlead
Winch dimension	21.3"x6.34"x8.54" (540mmX161mmX217mm)			
Mounting bolt pattern	10"x4.5"x7.86" (254x114.3mm)			
IP rating	IP67			
N.W.(kgs)	37.2	28.6	37.2	28.6