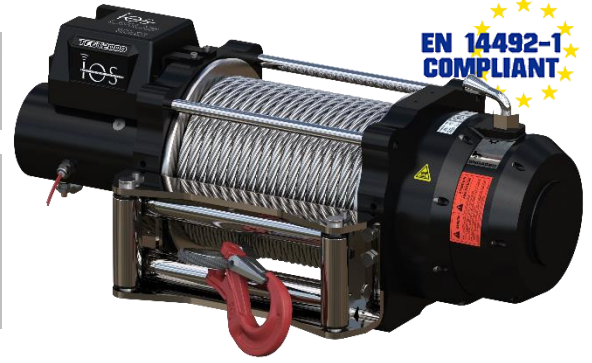


MODEL CODE	PART NUMBER	MOTOR TYPE
URUZ 12.5 VE6T1112	103112	24V DC



STANDARD COMPLIANCE

EN14492-2 :2019, SAE J706
 2006/42/EC - EN ISO 121000 :2010, ISO 7637-2 :2004
 2014/30/EU - EN50498 :2010, ISO7637-2 :2011, CISPR 25: 2008

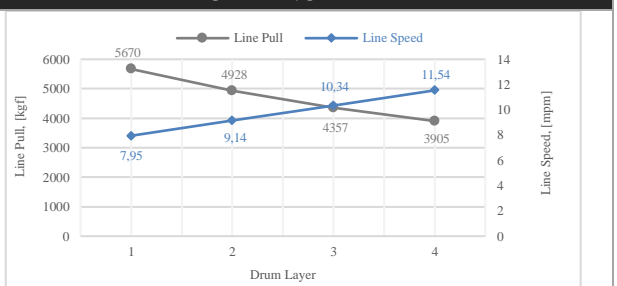
WINCH SPECIFICATIONS

Rated Pulling Force	5670 kgf	12500 lbf
Drum Barrel Diameter	126 mm	4.96 in
Drum Width	197 mm	7.76 in
Evaluated Rope Diameter	Ø12	½ in
Maximum Wire Rope Diameter	Ø14	9/16 in
Minimum Wire Rope Breaking Strength	11105 kgf	24482 lbf
Recommended Wire Rope Type	6 x 29 IWRC	
Maximum Layers of Wire Rope	4	
Gear Train, Reduction	3 Stage Planetary, 284:1	
Mounting Bolt Size	M12 X 1.75 Class 8.8	
Mounting Bolt Torque	63-69 Nm	46-51 lbf-ft
Duty Cycle (per EN 1449-2)	18.7 m	61.4 ft
Approximate Shipping Weight	62.5 kg	137.8 lb
Brake Type	Automatic Mechanical Brake	
Sealing	IP68	
UV Rating	1200kJ/m ² per ASTM G154	
Corrosion Resistance	408 hrs per ASTM B117	
Operating Temperature	-40°C to +60°C (-25.6°F to 131°F)	
Decibels	95 Db	

PERFORMANCE BY LAYER

Drum Layer	Line Pull		Line Speed		Rope Capacity	
	kgf	lbf	mpm	fpm	m	ft
1	5670	12500	7,95	26,08	6,9	22,64
2	4928	10864	9,14	29,99	14,4	47,24
3	4357	9605	10,34	33,92	23,4	76,77
4	3905	8609	11,54	37,86	32,5	106,6

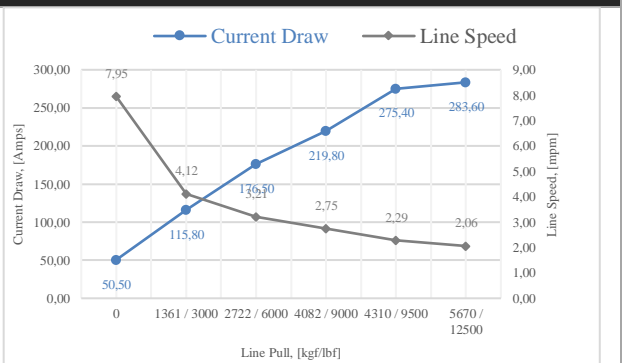
PERFORMANCE BY LAYER



FIRST LAYER PERFORMANCE

Line Pull	Line Speed	Current Draw	Duty Cycle
	24V	24V	24V
kgf	mpm	Amps	min/10min
0	7,95	50,50	5:00
1361 / 3000	4,12	115,80	2:00
2722 / 6000	3,21	176,50	0:50
4082 / 9000	2,75	219,80	0:30
4310 / 9500	2,29	275,40	0:10
5670 / 12500	2,06	283,60	0:10

FIRST LAYER PERFORMANCE



MODEL CODE	PART NUMBER	MOTOR TYPE
URUZ 12.5 VE6T1112	103112	24V DC

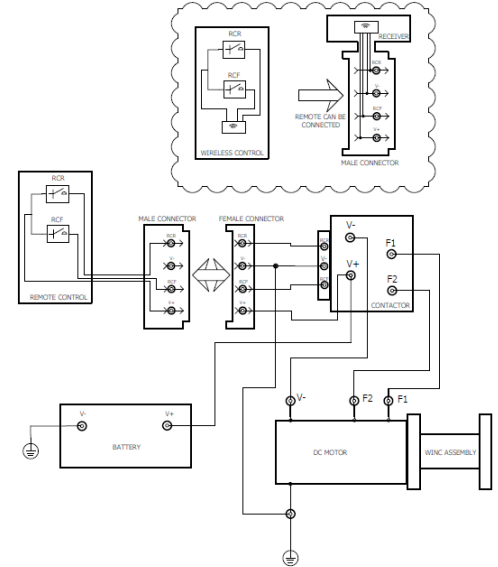
ELECTRICAL SYSTEM REQUIREMENTS	
Battery Voltage	24V
Minimum Battery Rating	650 CCA

THE SET INCLUDES:

- Wire rope
- Rope hook
- Control box
- Roller guides
- Mounting screws
- Remote control

* Order wireless remote control separately

ELECTRICAL WIRING DIAGRAM



DIMENSIONAL DRAWING

