

Marlow®

DATASHEET

REBEL K.E.R.R

Marlow's REBEL Kinetic Energy Recovery Rope (K.E.R.R) is made from 100% UV stabilised Nylon which offers unrivalled elongation characteristics.

REBEL K.E.R.R's are designed for vehicle recovery by transfer of kinetic energy, often referred to as 'snatch' recovery. Kinetic energy created by the recovery vehicle is transferred into the rope, which subsequently transfers to the stuck vehicle, increasing the energy used in the pull and freeing the stuck vehicle more easily.

REBEL K.E.R.R's have the following advantages over other recovery ropes:

- ArmourCoat PU coating along the whole length, which protects the rope from abrasion and dirt, ArmourCoat is applied at yarn level increasing protection throughout the rope
- Factory spliced eyes direct from the factory
- DCS ChafeGear eye protection made from 100% Dyneema which protects the eyes whilst remaining lightweight and soft
- TFH ChafeGear moveable rope protection along the rope for added piece of mind if required.

REBEL KERR's for Off Road use are available in two sizes:

- 22mm (7/8") for vehicles 1 – 3 Tonnes
- 28mm (1 1/8") for vehicles 3 – 5.5 Tonnes

K.E.R.R's are to be used in combination with the appropriate vehicle recovery eyes, shackles and if required a bridle to allow the use of dual recovery points.

ROPE PROPERTIES:

Diameter		Unit weight		Average strength			Minimum strength		
mm	Inches	g/m	lb/100 ft	kg	lb	kN	kg	lb	kN
22	7/8	306.0	20.52	14,100	30,900	138	12,600	27,800	124
28	1 1/8	489.0	32.79	22,500	49,500	221	20,200	44,500	198

ROPE PROPERTIES: SPLICED ASSEMBLIES

Diameter		Length		Unit weight		Average strength		Minimum strength	
mm	Inches	Meters	Feet	kg	lb	kg	lb	kg	lb
22	7/8"	6.1m	20'	2.3	5.0	12,700	27,900	11,300	25,000
22	7/8"	9.2m	30'	3.2	7.1	12,700	27,900	11,300	25,000
28	1 1/4"	9.2m	30'	5.1	11.3	20,300	44,600	18,200	40,100

Testing method:

- Apply check load according to BS EN ISO 2307.
- Measure sample length and weight G/M according to BS EN ISO 2307.
- Measure rope pitch according to BS EN ISO 2307
- Break in tensile testing machine.

WARNING:

Kinetic energy (snatch) recovery is dangerous. The consequences of incorrect selection and use of equipment can result in damage, serious injury or death. Marlow Kinetic Energy Recovery Ropes should be used only by trained and competent persons, or the user should be under the direct supervision of a trained and competent person.

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