

NEW DC Worm Gear



KXE

Series of Worm Gear Winches

Worm gear is the choice of professionals that need an ultra-robust system with unmatched braking capabilities. We've added faster line speeds, buttery-smooth tapered bearings and more to this updated classic.



New design! Our worm gear drive shaft is aligned with tapered bearings extending winch life and service ability.

Our worm gear wheel uses an advanced copper alloy for enhanced abrasion resistance.

New modular design keeps maintenance to a minimum plus a simpler repair process.

Precision machining of parts is only possible from our factory's expert craftspeople.

Built from the ground up, our new clutch is based on lessons learned in on lessons learned in planetary products.



NEW! WORM GEAR DESIGN

Updating a Classic



High-torque tapered bearings



Precision machining for longer service life

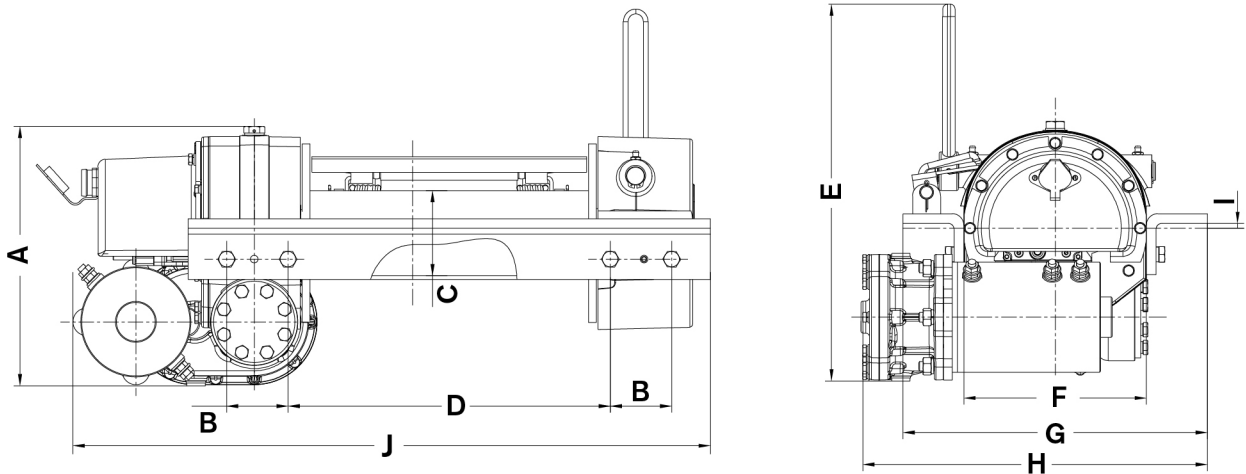


Advanced metallurgy yields stronger parts

NOVAWINCH.COM

KXE12000

Designed to universal mounting standards, the KXE12000 is compact and robust. Fit and finish of this quality winch is evident, even before installation.



Dimensions							
A	10.57"(268.5mm)	D	13.12"(333.3mm)	G	12.39"(314.8mm)	J	25.98"(660mm)
B	2.5"(63.5mm)	E	15.35"(390mm)	H	14.07"(357.3mm)		
C	3.46"(Ø88mm)	F	7.43"(188.8mm)	I	0.2"(5mm)		

KXE12000	
Rated line pull	12000lb(5443kg)Single Line
Voltage	DC 24V / DC 12V
Motor{Series wound}	DC 24V / DC 12V: 3.4hp(2.5kW)
Gear train	Worm Gear
Gear ratio	671:1
Clutch	Lever Style,Manual
Braking action	Mechanical,Automatic Lock
Wire rope	13/32"×68.9"(10.3mm×21m), Min. breaking strength:102KN
Drum size	3.5"×11.3"(88mm×288.1mm)
Dimensions	25.98"×14.03"×15.35" (660mm×356.3mm×390mm)

PERFORMANCE				
Layer of cable	Rated line pull per layer		Cable capacity per layer	
	lb	kg	Ft	M
1	12000	5443	25.9	7.9
2	9920	4410	55.44	16.9
3	8455	3759	68.9	21

12V DC Line speed and motor current (first layer)				
Line Pull		Line Speed		Current
lb	kg	FPM	MPM	Amps
0	0	9.8	3	60
3000	1360	5.5	1.7	160
6000	2721	3.9	1.2	220
9000	4082	2.5	0.9	300
12000	5443	1.9	0.6	380

24V DC Line speed and motor current (first layer)				
Line Pull		Line Speed		Current
lb	kg	FPM	MPM	Amps
0	0	9.8	3	35
3000	1360	5.2	1.6	70
6000	2721	3.9	1.2	105
9000	4082	2.5	0.9	145
12000	5443	2.2	0.7	190