

Winch serial number:

2403278-DBW6

Always refer to your winch with this number when requesting service or information from A.G.O.

Overall dimensions:	28.5in H x 42in L x 29in W
Mounting hole pattern:	22in (558.8mm) W x 24in (609.6mm) L
Winch weight (sans cable):	315lbs (142.9kgs)
Winch input power:	208-220VAC 1-ph 50/60Hz input power, 3kW max required

Maximum capability and performance ratings:

Winch has only been rated for use with the following payload: 100lb Surface array instruments
Using other payloads and/or cables than those listed here may risk overloading the winch.

	Core	Full drum
Line speed:	0.23m/s (calculated)	0.57m/s (calculated)
Line pull:	855lbs (387.8kgs) (tested)	335lbs (152kgs) (calculated)
Electric brake holding load:	3043lbs (1380kgs) (calculated)	1190lbs (539.7kgs) (calculated)

Drum and Levelwind:

Drum size:	22.5" flange diameter x 6.625" core diameter x 12" width (571.5mm flange diameter x 168.28mm core diameter x 304.8mm width)
Rated cable capacity:	1500m of 0.197" (5mm) cable

It may be possible to fit more than the specified amount of cable on the drum, but the capabilities listed in this document only apply to when the winch is loaded and used with the rated amount of cable specified here.

Drivetrain:

Motor:	TechTop DC81 2HP 1800RPM N140 180VDC
Electric brake:	KEB 12 ft-lb
Gearbox:	Varvel RT70 28:1

Sprockets:

Main drivetrain:	40B28-1.25 (drive)	40A70 (drum)
Levelwind:	N/A	N/A
Manual backup:	35B15-5/8 (input)	35B45-1.25 (dog axle)

Other components:

Slip ring model:	N/A
Motor driver model number:	KBRC-240D
Winch controller configuration:	Local E-stop on winch + 3m wired remote handheld joystick controller with E-stop

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Date: March 14, 2024