KARARA Project

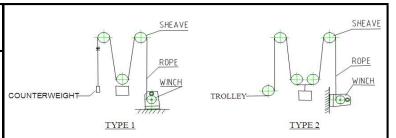
EQUIPMENT DATA SHEET: L262M-ME-DAS-0001

CLIENT: KARARA MINING LIMITED **PROJECT:** KARARA IRON ORE PROJECT

FACILITY: CONVEYORS

EQUIP TITLE: TAKE-UP SYSTEMS -

L262M WINCHES DATASHEET



	•	FIGURE 1						
CONVEYOR NUMBER	UOM	CV009	CV010					
General								
Winch Equipment No		1304-HT-039	1304-HT-040					
Take-up Mass	Tonne	21	21					
Mass/Trolley Travel Length		8143	8143					
	mm	56	56					
Total Rope Length (plus 3 turns of drum)	m							
Rope Falls		2	2					
Rope Design Criteria								
Static Load on Winch Rope	kN	120.1	120.1					
Rope Diameter	mm	26	26					
Rope Description	F	Teufelberger PE		/ Stool Cord G	alvanicad Wiro F	Popo II N O		
Rope Lay		Right Hand Lang		v, Steel Cold O	aivailiseu vviie i	tope 0.14.0		
	MDa		y Lay					
Rope Grade	MPa	1960	0.45		1	_		
Rope Breaking Force	kN	615	615					
Rope Safety Factor		5.1	5.1					
Winch and Sheave Design Criteria								
Wire Rope Sheave - No.off		3	3					
·						-		
- Dia	mm Tanna	630	630		1			
Winch Capacity reqd.	Tonne	15	15					
Class Hoisting		Supplier to Conf						
Class Structure		Supplier to Conf						
Hoisting Speed approx.	m/min							
Drum Type		Single Grooved						
Drum Diameter (min.)	mm	364						
Drum Capacity-usable		Supplier to Confirm						
Handing		Right Hand						
rianding		ragneriana						
Winch Drive								
		4 nole braked						
31		4 pole, braked						
power		Supplier to Confirm						
Gearbox		Supplier to Confirm						
Power Supply		415V, 50 Hz, Wilco GP plug to 63A welding outlet						
Control - Type		Pendent Control	Buttons plus Er	negrency stop				
Drive Unit								
Load Ratchet / Locking Pawl		To be fitted to secure load on drum whilst drive not operating						
Isolation Mechanism		Mechanical pin						
Protection Guard		To be included 2.5m from Ground Level(Refer Design Drawing)						
		To be included 2.5m from Ground Level(Refer Design Drawing) Torpedo Counterweight (Refer Drawing)						
Counter weight mass 300kg								
Arrangement Type (Refer Figure 1)		Type 1	Type 1					
Winch Plinth / Base Frame								
Cast-in steelwork footing details:								
- bolt gty		8	8					
- longitudinal spacing	mm	1295	1295					
- transverse spacing	mm	240	240					
Plinth height	mm	Supplier to Conf		estal)	1	1		
		- Cappilor to Com	(110000 pout					
Remarks								
Harvard for Torodon		00.1.05	C.	15		1		
Issued for Tender	D	20-Jun-25	SJ	JR		1		
		10-Jun-25	SJ	JR	1	LAD	ADA	
Issued for Internal Review	С							
Issued for Tender	В	28-Nov-16	NP	MK		KAR	AKA	
						KAK	MINING LTD	