Drum Barrel Diameter: 4.25 in 108 mm Drum Flange Diameter: 8.25 in 210 mm Distance Batween Flanges: 3.79 in 96 mm Recommended Munimum Wire Rope Diameter: 104 in 6.4 mm Recommended Munimum Wire Rope Diameter: 50.0 lb 22.7 kg Dury Cycle (intermittent per SAE J706 section 6.2): N/A ft N/A mm Maximum Layers of Wire Rope: 5							Model		Part Nu	mber	Motor T	уре
	INDUSTRIAI		Indu	istria	I Hoist						24 Vol Perman Magne	lt ent et
						sealing and c means years mechanical b up to the eler large frame d	ur proven 3-s of trouble fre- rake that holo nents and loc esign with a c	tage all meta e service. All ds full rated lo ks great. Th cast alumunu	l geartrain. Pe WARN hoists bad. The durate e DC1600 hois m drum to prov	rmanent g incorpora ble powder t is built o vide plenty	grease lubricat te an automati r coated finish n WARN's rob	tion ic stand
Contraint Park-24/4 (Standard bracket) 60752 Contactor Ohy-24/4 (Wancket for bracket) 34968 Contactor Ohy-24/4 (Wancket for brocket) 34968 1'2 volt model above in plate) Engineering Date Drum Rotation Red Capacity: 400 lpi 726 kgl Drum Blange Diameter: 4.28 in 100 mm Data Eableween Flanges: 3.78 in 60 mm Data Cabekeen Flanges: 3.78 in 60 mm Bearmended Maximum Wire Roge Blameter: 14 in 6.4 mm Dury Cycle (intermitting per SAL 706 section 6.2) NA in NA in Makering Bot Torge Status 6 mm 100 mm (here Seet for section 6.2) NA in Bake Type: Automatic Cone Viewed from Motor End 100 mm Torde Status 110 mm 15.8 mm 16.8 mm 100 mm Bake Type: No Inclusient No Inclusient 100 mm 100 mm Torde Status 100 mm 100 mm 100 mm 100 mm 100 mm Status 110 mm 100 mm 100 mm 100 mm 100 mm St								Acc	essories			
Rate Gapacity: 1600 1726 Kgl Compliance Drum Barrel Diameter: 4.25 in 108 mm 20100 2010 <td>*12 volt model shown in photo</td> <td></td> <td></td> <td></td> <td></td> <td>Control Pack Contactor On Contactor On Contactor Co Contactor Co</td> <td>ly-24V (Stand ly-24V (w/ braver ver (with rem ver (no plug)</td> <td>acket for cove</td> <td>637 349 er) 349 366 351</td> <td>752 968 974 948 169</td> <td></td> <td></td>	*12 volt model shown in photo					Control Pack Contactor On Contactor On Contactor Co Contactor Co	ly-24V (Stand ly-24V (w/ braver ver (with rem ver (no plug)	acket for cove	637 349 er) 349 366 351	752 968 974 948 169		
Name No N		Engineering	Data			Dru	um Rotat	ion				
Drum Hange Dometer: 8.25 in 210 mm Diatance Between Flanges: 3.79 in 96 mm Recommended Maximum Wire Rope Diameter: 114 in 6.4 mm Recommended Maximum Wire Rope Beaking Strength: 50.0 is 22.7 kg Approximate Stripping Weight: 50.0 is 22.7 kg Dury Cycle (intermitter) per SAE J706 section 6.2): NA ft NA ft Maximum Layers of Wire Rope: 5 - - Gaser Reduction: 281 i - - Drum Layers of Wire Rope: 5 - - Contractor/Remote Type: Not Included - - The Root Data Streps: - - - - Contractor/Remote Type: Not Included - - - - Table Coold Kef Kif Kif - - - 1 1600 726 7.1 14.3 4.4 16 4.9 2 1440 683 6.4 15.9 4.8 34 10.4	Rated Capacity:		1600	lbf	726 kgf				-	Compl	liance	
Drum Flage Diameter: 8.25 in 210 mm 200 mm <t< td=""><td>Drum Barrel Diameter:</td><td></td><td>4.25</td><td>in</td><td>108 mm</td><td></td><td>_</td><td></td><td></td><td></td><td>ve 98/37/EC and</td><td></td></t<>	Drum Barrel Diameter:		4.25	in	108 mm		_				ve 98/37/EC and	
Database D.3 m	Drum Flange Diameter:		8.25	in	210 mm				2 CE Electro		ompatibility	
Recommended Minimum Wire Rope Breaking Strength: 7000 lb/ 3175 kg/ Approximate Shipping Weight: 50.0 lb 22.7 kg Duty Cycle (intermittent per SAE J706 section 6.2): N/A ft N/A m Maximum Layers of Wire Rope: 5	Distance Between Flanges:		3.79	in	96 mm		\frown			.5		
Approximate Shipping Weight: 50.0 b 22.7 kg Duty Cycle (intermittent per SAE J706 section 6.2): NA ft NA m Mounting Bolt Torque: 35 - 40 ft/lbf 47 - 54 Nrm Mounting Bolt Torque: 261 Viewed from Motor End Brake Type: 201 Viewed from Motor End Contactor/Remote Type: Not Included Viewed from Motor End Drum Layer of Wire Rope: Def formance Dy Layer Drum Capacity Viewed from Motor End 1 1600 726 7.1 14.3 4.4 16 4.9 2 3 1312 55 6 5.8 17.5 5.3 53 16.2 4.0 0.0 6.3 97 29.6 0.0						- 11						
Duty Cycle (intermittent per SAE J706 section 6.2): NA ft N/A m Maximun Layers of Wire Rope: 5 - Gar Reduction: 261 - Brake Type: Automatic Cone Viewed from Motor End Contactor/Remote Type: Not Included Performance By Layer - Mutual Layers of Wire Rope: 63 1 1600 726 1 1600 726 1 1600 726 1 1600 726 2 14440 653 6.4 3 1312 595 5.8 17.5 4 1200 544 5.3 191 5.8 74 22.6 1 104 501 4.9 20.6 6.3 97 29.6 Never exceed the Rated Capacity. Installation of a Rated Capacity. Limiter is recommended. Errist Layer Performance - </td <td></td> <td>Rope Breaking Strength:</td> <td></td> <td>-</td> <td>•</td> <td>- afill</td> <td>23</td> <td>A</td> <td></td> <td></td> <td></td> <td></td>		Rope Breaking Strength:		-	•	- afill	23	A				
Mounting Bolt Torque: 35 - 40 ft 'lbf 47 - 54 N'm Mounting Bolt Torque: 35 - 40 ft 'lbf 47 - 54 N'm Barke Type: 261 261 Viewed from Motor End Brake Type: Automatic Cone Viewed from Motor End Contactor/Remote Type: Not Included Viewed from Motor End Performance By Layer Drum Layer Line Load * No Load Line Speed Drum Capacity 1 1600 726 7.1 14.3 4.4 16 4.9 2 1440 663 6.4 15.9 4.8 34 10.4 3 1312 595 5.8 17.5 5.3 53 16.2 4 1200 544 5.3 19.1 5.8 74 22.6 'Never exceed the Reate Capacity. Installation of a Rated Capacity Uniter is recommended. Erist Layer Performance Dury Cycle 0 4.0 0 0 6 14.3 4.4 Continuous 6.8 97 28.6 0 97 28.6 0 97 28.6 0 0 0 0 0 <td>Approximate Shipping Weight:</td> <td></td> <td></td> <td></td> <td>, , , , , , , , , , , , , , , , , , ,</td> <td>4((</td> <td>~ ~</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Approximate Shipping Weight:				, , , , , , , , , , , , , , , , , , ,	4 ((~ ~					
Maximum Layers of Wire Rope: 5 Image: Section of the section of t		J706 section 6.2):		-		- W		¥ •				
Gear Reduction: 261 Viewed from Motor End Brake Type: Automatic Cone Viewed from Motor End Ortmatic Viewed from Motor End Performance By Layer Drum Capacity Drum Capacity 1 1600 726 7.1 14.3 4.4 16 4.9 2 1440 653 6.4 15.9 4.8 34 10.4 3 1312 595 5.8 17.5 5.3 53 16.2 4 1200 544 5.3 19.1 5.8 74 22.6 *Never exceed the Rated Capacity. Installation of a Rated Capacity Limiter is recommended. Erist Layer Performance 0.0 0 4.0 0.0 4.0 0.0 4.00 160 14.3 4.4 Continuous 0 0 6 14.3 4.4 Continuous 6.4 0.0 4.0 0.0 4.0 0.0 4.0 0.0 4.0 0.0 0 0 0 0 0 0					47 - 54 N*m							
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Customer Service (North America): 1 800 543 9276												

	WARN Industrial Hoist	DC1600	05450	DC Electric
			85159	24 Volt Permanent Magnet
Ø4.80 [122] G		Ø4.04 [103]		k. 45 215]
16X M12 X 1. TAPPED			8.44	
	.65 4X 6.00	2X 4.50 [114] 2X 6 [16] 5.20		
[1	194] [152] Units are given in inches	[132]		
Recommended Mo	ounting (Always Observe Correct E	Drum Rotation)	Electrical System Spe	cifications
Pull from bottom of hoist	Pull from bottom of hoist		lectrical Cable Gauge Size Chart for ca ctrical connections must be clean and t	
		front powe Conn	Electrical System Wiring provided without electrical controls. page for control kits. r IN (Hoisting)- Connect motor termi ect motor terminal #1 to negative (Gr	See accessories on inal #2 to positive. round).
Feet down Pull from top of hoist	Feet forward Pull from top of hoist	Feet forward Powe Conn Pull from top of hoist	r OUT (Lowering)- Connect motor te ect motor terminal #2 to negative (Gr	rminal #1 to positive. round).
C		JCOPP	с.	
Feet down without angle brace	Feet down with angle brace	Angle Braces Only		