WARN. INDUSTRIA										ype
		Indu	stria	l Hoist		DC1600		33503	DC Electr 12 Volt Permane Magnet	nt
					sealing and o means years mechanical b up to the elem large frame de	ur proven 3-s of trouble fre rake that hole nents and loc esign with a c	tage all meta e service. All ds full rated lo ks great. The cast alumunu	permanent magnet DC I geartrain. Permanent WARN hoists incorpor ad. The durable powd e DC1600 hoist is built n drum to provide plen ilable separately.	grease lubrication ate an automation er coated finish so on WARN's robu	on Stand
							Acce	essories		
		_			Description: Control Pack- Contactor On Contactor On Contactor Co Contactor Co Remote Cont	ly-12V (Stand ly-12V (w/ bra ver (with rem ver (no plug)	acket for cove	Part Number 40709 34440 er) 34973 36648 35169 88528		
Engineering Data						um Rotat	ion	Standards Compliance		
Rated Capacity:		1600	lbf	726 kgf				Comp	bliance	
Drum Barrel Diameter:		4.25 in		108 mm			<ol> <li>CE Machinery Directive 98/37/EC and 2006/42/EC</li> <li>CE Electromagnetic Compatibility</li> </ol>			
Drum Flange Diameter:		8.25 in		210 mm						
Distance Between Flanges:		3.79 in		96 mm		$\sim$		2004/108/EC 3 ASME B30.5		
Recommended Maximum Wire Rope Diameter:		1/4 in		6.4 mm						
Recommended Minimum Wire Rope Breaking Strength:		7000 lbf		3175 kgf						
pproximate Shipping Weight:		50.0 lb		22.7 kg	))]][6					
Duty Cycle (intermittent per SAE J706 section 6.2):		N/A ft		N/A m	<i>W</i>		y 🔻			
lounting Bolt Torque:				47 - 54 N*m						
laximum Layers of Wire Rope:		5								
Gear Reduction:	ear Reduction:		61							
rake Type:		Automatic		tic Cone	Viev	ved from Motor	End			
Contactor/Remote Type:			Not In	cluded						
	P	erform	ance E	By Layer		-				
Drum Layer Line Loa		d *		No Load L	ine Speed Drum Capacity		Capacity	16.0		
	lbf	kgf	kN	ft/min	m/min	ft	m	E 12.0		_
1	1600	726	7.1	14.7	4.5	16	4.9	12.0 ( <b>t</b> ) <b>b</b> <b>b</b> <b>b</b> <b>b</b> <b>b</b> <b>b</b> <b>b</b> <b>b</b> <b>b</b> <b>b</b>		
2	1440	653	6.4	16.3	5.0	34	10.4	8.0		$\neg$
3	1312	595	5.8	18.0	5.5	53	16.2	a 4.0		
4	1200	544	5.3	19.6	6.0	74	22.6	ii		
5	1104	501	4.9	21.2	6.5	97	29.6	0.0		
Never exceed the Rated Ca			•					0 400	800 1200 e Load (Ibf)	160
				ormance		1			2 LOAD (IDI)	
Line Load		Current Draw			Speed		/ Cycle	100		
lbf	kgf	Amps		ft/min	m/min	min/10min		₹ <sup>80</sup>		-
0	0	13		14.7	4.5	Continuous		<u>8</u> 60		
400	181		1	13.8	4.2	Continuous		08 (V) 00 muteut 00 02 muteut 02 02 02 02 02 02 02 02 02 02 02 02 02 0		
800	363		3	13.4	4.1	5.8				
1200	544		4	12.9	3.9		3.6	3 20		
1600	726	95		12.5	3.8 2.6		2.6	0 400 800 1200		16
					<u> </u>				e Load (lbf)	
WARN INDU				ervice (North A		E 42 0070				

		Model	Part Number	Motor Type	
INDUSTRIAL	VARN Industrial Hoist	DC1600	33503	DC Electric 12 Volt Permanent Magnet	
		Ø4.04 [103]		k. 45 215]	
16X M12 X 1.7 TAPPED			_ 8.44		
		2X 4.50 [114] 2X 6. [165			
• [19	[152]	[ 1 3 2 ]►			
Recommended Mou	Inting (Always Observe Correct D	rum Rotation)	Electrical System Specifications		
Pull from bottom of hoist	Pull from bottom of hoist		Pull from top of hoist See Electrical Cable Gauge Size Chart for cable sizing All electrical connections must be clean and tight		
		Hoist pro front page Power IN Connect	Electrical System Wirin wided without electrical controls. e for control kits. I (Hoisting)- Connect motor term motor terminal #1 to negative (G	See accessories on inal #2 to positive. round).	
Feet down Pull from top of hoist	Feet forward Pull from top of hoist	Feet forward Power O Pull from top of hoist	UT (Lowering)- Connect motor te motor terminal #2 to negative (G	rminal #1 to positive. round).	
<b>C</b>	<b>C</b>	LCC			
		Notes:			