

RAM

WINCH AND HOIST

Winch Design / Performance Characteristics

Winch Model		DAUNTLESS K5UR50									
Layer No.	ROPE Capacity (ft)	Accumulated Capacity (ft)	Pitch Dia (in)	MAX Hp		Flange Clearance (in)	Stall Line Pull (lbs.)	Start Line Pull (lbs.)	FREE SPEED (fpm)	THE ACCUMULATED CAPACITY MEETS ANSI B30.7 WHICH REQUIRES A 1/2-INCH FLANGE CLEARANCE. THE UNSHADED CAPACITIES MEET EUROPEAN STANDARDS REQUIRING 2 1/2 DIAMETERS OF FLANGE DIAMETER.	
				Line pull (lbs)	Speed (fpm)						
Line Pull, lbs	5000	Line Speed, fpm	130	AT 90 PSI							
Wire Rope dia, in	1/2	Drum Dia, in	9	Flange Dia, in	20.50						
Drum Width, in	18			Drum Rpm	28.7						
				No. of Wraps	35						
1	87	87	9.50	9105	71	5.3	12839	10070	234		
2	95	182	10.37	8344	78	4.8	11765	9228	256		
3	103	285	11.23	7700	84	4.4	10858	8516	277		
4	111	396	12.10	7149	91	4.0	10080	7906	298		
5	119	515	12.97	6671	97	3.5	9406	7378	320		
6	127	641	13.83	6253	104	3.1	8817	6916	341		
7	135	776	14.70	5884	110	2.7	8297	6508	362		
8	143	919	15.57	5557	117	2.2	7835	6146	384		
9	151	1069	16.43	5264	123	1.8	7422	5822	405		
10	158	1228	17.30	5000	130	1.4	7050	5530	427		
11	166	1394	18.17	4761	137	0.9	6714	5266	448		
12	174	1568	19.03	4545	143	0.5	6408	5026	469		