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Superwinch new Hydraulic small frame SI Series Conform EN 14492-1



SI Small Frame Hydraulic EN 14492	8K			10K			12K		
	Narrow	Standard	Wide	Narrow	Standard	Wide	Narrow	Standard	Wide
Part Numbers	S100431	S100428	S100434	S100432	S100429	S100435	S100433	S100430	S100436
Motor Type	80cc Hydraulic Gear Motor			120cc Hydraulic Gear Motor			160cc Hydraulic Gear Motor		
Pulling Force By Layer: Layer 1 (Max)	8000 lb (35.5 kN)			10000 lb (44.4 kN)			12000 lb (53.4 kN)		
Layer 2	6715 lb (29.8 kN)			8333 lb (37.0 kN)			9999 lb (45.5 kN)		
Layer 3	5785 lb (25.4 kN)			7143 lb (31.7 kN)			8571 lb (38.96 kN)		
Layer 4	5082 lb (22.2 kN)			---			---		
Gear train	2 Stage Planetary								
Gear Ratio	16:1								
Clutch	Multi Position Manual Pull & Turn Available Pneumatic and Cable								
Brake	Spring Applied Hydraulic Release Multi Disc								
Fairlead	Available Heavy Duty Roller Fairlead								
Dimensional Data									
Drum Barrel Diameter	90mm			99mm			99mm		
Rope Attachment	2 Points (for right or left lay rope) Pass Through to Retain Safety Wraps			2 Points (for right or left lay rope) Pass Through to Retain Safety Wraps			2 Points (for right or left lay rope) Pass Through to Retain Safety Wraps		
Recommended Rope	10mm			11mm			11mm 1960 Grade Verone Verotech 10		
Minimum Breaking Strength	16000 lb (71.2kN)			20000 lb (89.0 kN)			24000 lb (106.8 kN)		
Drum Capacity	98 ft 29.8 m	122 ft 37.2 m	146 ft 44.6 m	68 ft 20.6 m	84 ft 25.7 m	101 ft 30.9 m	68 ft 20.6 m	84 ft 25.7 m	101 ft 30.9 m
Approximate Shipping Weight (without rope)	103 lb	108 lb	112 lb	109 lb	114 lb	120			
Hydraulic System Specifications									
Maximum Input Pressure	2200 PSI (150 bar)			2050 PSI (142 bar)					
Maximum Input Flow	15GPM (57 LPM)			15GPM (57 LPM)			15GPM (57 LPM)		
Duty Cycle	Intermittent per SAE J706 Section 6.2: 200°F (93 C)								
Lubrication	Synthetic Grease (P/N S102307)								
Standards Compliance	EN 14492-1								
Load Block	Superblock Bi-Directional Load Control Valve Brake Controller								



PERFORMANCE CHARTS

