								Mode		Part Number	Motor Typ
INDUSTRIA		RN Ind	dust	rial V	Vinch		Hy	Series 3 draulic \ anual C	Ninch	77890	Hydraulic 10.4 ci (170cc
							high effic with a person superior are also tension p mounting Warn Se	ciency hydra ermanently lu intermittent- available wir plate is stand g options to	ulic motor, an ubricated and duty performa th manual or a dard along wit fit a variety of thes are not s	combines durable cast of a robust 2X rated loa hardened 2-stage plai ance for loads up to 3C air clutches and 2 drur th bi-directional operat applications.	ad braking system netary gear train fo 0,000 lbs.Winches n widths. A roller ion and a variety o
							Accessories				
							Wire Rop	SRS-XL-LO	/ 5/8''x245' Ell	Part Number 77869 PS 77454 80858	
Engineering Data						Drum Rotation			Standards Compliance		
ated Pulling Force:	30000 lbf		f	13608	kgf					liance	
Drum Barrel Diameter:		6.25 in			159 mm		_			1SAE J706 2CE Machinery Directive	e 98/37/EC and
Drum Flange Diameter:		13.50 in			343 mm					2006/42/EC	
Distance Between Flanges:				356 mm							
Recommended Maximum Wire Rope Diameter:		5/8 in			15.9 m						
Recommended Minimum Wire Rope Breaking Strength:		41200 lbf			18688 kgf			M ( 1 7 9			
		361 lb			164	kg					
outy Cycle (intermittent per SAE J706 section 6.2):		1000 ft 159 ft*lbf				m N*m			1		
aximum Layers of Wire Ro	ne.	139	11 1	5	210						
ear Reduction:	pe.			36:1							
arake Type:		Spring Applied Disk					Viewed from Motor End				
ontactor / Remote Type:			66	N/A			_				
	Performanc	e By La	ver- 5	-	i.9 mm)	dia. ror	)e				
	te By Layer- 5/8" (15.9 mm) dia. ro								40.0		
Drum Layer	lbf	kgf	kN	ft/min	m/min	ft/min	m/min	ft	m	Ē	
1	30000	13608	133.4	14.1	4.3	21.9	6.7	36	11.0	0.00 (H ) (H	M
2	25385	11514	112.9	16.7	5.1	25.9	7.9	78	23.8	8 20.0	
3	22000	9979	97.9	19.2	5.9	29.9	9.1	127	38.7	s s	15 GPM
4	19412	8805	86.3	21.8	6.6	33.9	10.3	183	55.8	0.01 <b>E</b>	
5	17368	7878	77.3	24.3	7.4	37.8	11.5	245	74.7	0.0	
Never exceed the Rated Pu	ulling Force. Installation of a	· · ·	· ·							1 2	3 4 5
		First La	-			-			-		Layer
Line		Pressure Drop		op at 15			sure Drop a	at 20 GPM BAR	Duty Cycle		
lbf	kgf	psi			BAR		psi		min/10min	(isi 2250	
	0	875			60.3		975		N/A	d 20 GPM	1
0	3402	1250			86.2		1533		N/A	1500 L	15 GPM
0 7500		1900			131.0 172.4		2050 2600		N/A	750	
0 7500 15000	6804		2500			26	UUU	179.3	N/A	20 GPM	
0 7500 15000 22500	6804 10206	25		_			50	000	A 1 / -	1 <b>u</b>	
0 7500 15000	6804	25	500 000		206.8		950	203.4	N/A	0	20000 300
0 7500 15000 22500	6804 10206	25					950	203.4	N/A	0 10000	20000 300 Load (lbf)
0 7500 15000 22500	6804 10206	25					950	203.4	N/A	0 10000	

