								Model		Part Number	Motor Typ
INDUSTRIA		RN Ind	lustr	ial W	/inch		Нус	Series 20 draulic V Air Clute	Vinch	74750	Hydraulic 7.9 ci (130c
				S			high effic with a pe superior i are also a tension p mounting Warn Se	iency hydrau rmanently lu intermittent-o available with late is stand poptions to fi	lic motor, ar bricated and duty performa h manual or ard along wit it a variety of hes are not s	combines durable cast of a robust 2X rated lo I hardened 2-stage pla ance for loads up to 30 air clutches and 2 drur th bi-directional operat i applications. suitable for hoisting ap	ad braking system netary gear train 0,000 lbs.Winches m widths. A roller tion and a variety
			_	ð					Aco	cessories	
							Wire Rop	SRS-XL-STE	9/16"x140' E	Part Number 77532 EIPS 77451 80858	
Engineering Data							Drum Rotation			Standards	
ated Pulling Force:		20000	lbf		9072	kgf				Comp	liance
orum Barrel Diameter:		5.75	in		146	mm				1SAE J706 2CE Machinery Directiv	09/27/EC and
rum Flange Diameter:		12.25	in		311	mm				2006/42/EC	e 90/37/EC and
Distance Between Flanges:		8 in			203 mm						
Recommended Maximum Wire Rope Diameter:		9/16 in		14.3 mm		mm					
Recommended Minimum Wire Rope Breaking Strength:		33600 lbf		15241 kgf		kgf		HAD	MA.		
Approximate Shipping Weight:		297 lb			135 kg			9	//// ▼		
Duty Cycle (intermittent per SAE J706 section 6.2):		2760 ft			841.2 m				y •		
		159	ft*lbf		216	N*m	_				
Nounting Bolt Torque:				5			_				
Nounting Bolt Torque: Naximum Layers of Wire Rop	be:		28.5:1				Viewed from Motor End				
	De:				l Disk			owed from Mot	or End		
Maximum Layers of Wire Rop Gear Reduction: Brake Type:	96:		Spri	ng Applied	BIOIR		Vie	swed norm mot			
laximum Layers of Wire Rop Gear Reduction:				N/A							
laximum Layers of Wire Rop ear Reduction: rake Type:	Performanc		ver- 9/1	N/A	.3 mm)		pe				
laximum Layers of Wire Rop ear Reduction: rake Type:	Performanc Line Load	1* *	ver- 9/1	N/A 16" (14 Line Spee	.3 mm) d 15 GPM	Line Spee	pe ed 20 GPM	Drum C	Capacity	60.0	
laximum Layers of Wire Rop iear Reduction: rake Type: ontactor / Remote Type: Drum Layer	Performanc Line Load	t * kgf	ver- 9/1	N/A I6" (14 Line Spee ft/min	.3 mm) d 15 GPM m/min	Line Spee	pe ed 20 GPM m/min	Drum C ft	Capacity m		РМ
taximum Layers of Wire Rop iear Reduction: rake Type: contactor / Remote Type: Drum Layer 1	Performanc Line Load Ibf 20000	kgf 9072	ver- 9/1 kN 89.0	N/A 16" (14 Line Spee ft/min 22.8	.3 mm) d 15 GPM m/min 6.9	Line Spee ft/min 28.5	pe ed 20 GPM m/min 8.7	Drum C ft 21	Capacity m 6.4		PM
aximum Layers of Wire Rop ear Reduction: rake Type: ontactor / Remote Type: Drum Layer	Performanc Line Load	t * kgf	ver- 9/1	N/A I6" (14 Line Spee ft/min	.3 mm) d 15 GPM m/min	Line Spee	pe ed 20 GPM m/min	Drum C ft	Capacity m		PM 15 GPM
aximum Layers of Wire Rop ear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2	Performanc Line Load Ibf 20000 16975	kgf 9072 7700	ver- 9/1 kN 89.0 75.5	N/A 16" (14 Line Spee ft/min 22.8 26.9	.3 mm) d 15 GPM m/min 6.9 8.2	Line Spee ft/min 28.5 33.5	pe ad 20 GPM m/min 8.7 10.2	Drum C ft 21 46	Capacity m 6.4 14.0	20 G	
taximum Layers of Wire Rop iear Reduction: rake Type: contactor / Remote Type: Drum Layer 1 2 3	Performanc Line Load Ibf 20000 16975 14745	kgf 9072 7700 6688	k N 89.0 75.5 65.6	N/A I6" (14 Line Spee ft/min 22.8 26.9 31.0	.3 mm) dd 15 GPM m/min 6.9 8.2 9.4	Line Spee ft/min 28.5 33.5 38.6	PE ad 20 GPM m/min 8.7 10.2 11.8	Drum C ft 21 46 74	Capacity m 6.4 14.0 22.6	20 G 40.0 40.0 20 G 20 G 20.0 20.0	
laximum Layers of Wire Rop iear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4	Performanc Line Load Ibf 20000 16975 14745 13032 11676	kgf 9072 7700 6688 5911 5296	kN 89.0 75.5 65.6 58.0 51.9	N/A I 6" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9	Line Spee ft/min 28.5 33.5 38.6 43.7	m/min 8.7 10.2 11.8 13.3	Drum C ft 21 46 74 106	m 6.4 14.0 22.6 32.3	20 G	
aximum Layers of Wire Rop ear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4 5	Performanc Line Load Ibf 20000 16975 14745 13032 11676 Illing Force. Installation of a	kgf 9072 7700 6688 5911 5296	kN I kN 89.0 75.5 65.6 58.0 51.9 city Limite 51.9	N/A N/A I6" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1 ris recommendation	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9 mended.	Line Spee ft/min 28.5 33.5 38.6 43.7	m/min 8.7 10.2 11.8 13.3	Drum C ft 21 46 74 106	m 6.4 14.0 22.6 32.3	Europe e e e e e e e e e e e e e e e e e e	15 GPM
aximum Layers of Wire Rop ear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4 5	Performanc Line Load Ibf 20000 16975 14745 13032 11676 Iling Force. Installation of a	kgf 9072 7700 6688 5911 5296 Rated Capac First Lay	kN kN 89.0 75.5 65.6 58.0 51.9 city Limite yer Pe	N/A N/A I6" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1 ris recommendation	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9 mended. ance	Line Spee ft/min 28.5 33.5 38.6 43.7 48.8	m/min 8.7 10.2 11.8 13.3	Drum C ft 21 46 74 106 142	m 6.4 14.0 22.6 32.3	20 G 20 G	15 GPM 3 4
aximum Layers of Wire Rope ear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4 5 Never exceed the Rated Pu	Performanc Line Load Ibf 20000 16975 14745 13032 11676 Iling Force. Installation of a	kgf 9072 7700 6688 5911 5296 Rated Capac First Lay	kN I kN 89.0 75.5 65.6 58.0 51.9 city Limited yer Peessure Droport	N/A 16" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1 r is recommendation r or second r or manual formation r or manual forma	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9 mended. ance	Line Spee ft/min 28.5 33.5 38.6 43.7 48.8 Pres	pe d 20 GPM m/min 8.7 10.2 11.8 13.3 14.9	Drum C ft 21 46 74 106 142	Capacity m 6.4 14.0 22.6 32.3 43.3	E 20 G 20 G	15 GPM 3 4
aximum Layers of Wire Rop ear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4 5 Never exceed the Rated Pu Line I	Performanc Line Load Ibf 20000 16975 14745 13032 11676 Illing Force. Installation of a	kgf 9072 7700 6688 5911 5296 Rated Capace First Lay Pres	kN I kN 89.0 75.5 65.6 58.0 51.9 city Limite yer Pe ssure Drossi 51.9	N/A 16" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1 r is recommendation rformation pat 15 G	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9 mended. ance PM	Line Spee ft/min 28.5 33.5 38.6 43.7 48.8 Pres	pe d 20 GPM m/min 8.7 10.2 11.8 13.3 14.9 sure Drop a	Drum C ft 21 46 74 106 142 at 20 GPM	Capacity m 6.4 14.0 22.6 32.3 43.3 43.3	E 20 G ± 40.0 geoderation 20 G uii 0.0 1 2	15 GPM 3 4
aximum Layers of Wire Rop ear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4 5 Never exceed the Rated Pu Line I Ibf	Performanc Line Load Ibf 20000 16975 14745 13032 11676 Illing Force. Installation of a .oad kgf	kgf 9072 7700 6688 5911 5296 Rated Capace First Lay Pres	kN k 89.0 75.5 65.6 58.0 51.9 51.9 city Limited yer Peessure Drossi si 70	N/A 16" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1 r is recommendation rformation pat 15 Ger	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9 mended. ance PM BAR	Line Spee ft/min 28.5 33.5 38.6 43.7 48.8 Pres P	pe d 20 GPM m/min 8.7 10.2 11.8 13.3 14.9 sure Drop a si	Drum C ft 21 46 74 106 142 142 at 20 GPM BAR	m 6.4 14.0 22.6 32.3 43.3 Duty Cycle min/10min	E 20 G ± 40.0 geoderation 20 G uii 0.0 1 2 30000 1 (iii) 2250 30000 3000 page	15 GPM 3 4
aximum Layers of Wire Rop ear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4 5 Never exceed the Rated Pu Line L Ibf 0	Performanc Line Load Ibf 20000 16975 14745 13032 11676 Illing Force. Installation of a .oad kgf 0	kgf 9072 7700 6688 5911 5296 Rated Capace First Lay ps 87	kN kN 89.0 75.5 65.6 58.0 51.9 51.9 city Limited yer Person ssure Drossi 70 56 56	N/A 16" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1 rt is recommended pat 15 Generation 0 0	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9 mended. ance PM BAR 60.0	Line Spec ft/min 28.5 33.5 38.6 43.7 48.8 Pres P 10 10	PC d 20 GPM m/min 8.7 10.2 11.8 13.3 14.9 sure Drop a si 55	Drum C ft 21 46 74 106 142 142 142 8 8 8 8 8 8 8 72.7	m 6.4 14.0 22.6 32.3 43.3 Duty Cycle min/10min N/A	E 20 G ± 40.0 geoderation 20 G uii 0.0 1 2 30000 1 (iii) 2250 30000 3000 page	15 GPM 3 4
aximum Layers of Wire Rop ear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4 5 Never exceed the Rated Pu Line L 1 bf 0 5000	Performanc Line Load Ibf 20000 16975 14745 13032 11676 Iling Force. Installation of a .coad kgf 0 2268	kgf 9072 7700 6688 5911 5296 Rated Capace First Lay Pres 87 124	kN kN 89.0 75.5 65.6 58.0 51.9 51.9 city Limited yer Person si 70 55 55	N/A 16" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1 rt is recommended rformal pp at 15 GB 0 1	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9 mended. ANCE PM BAR 60.0 86.6	Line Spec ft/min 28.5 33.5 38.6 43.7 48.8 Pres P 10 10 15 20	Pe d 20 GPM m/min 8.7 10.2 11.8 13.3 14.9 sure Drop a si 55 500	Drum C ft 21 46 74 106 142 142 8 8 8 8 8 8 72.7 103.4	m 6.4 14.0 22.6 32.3 43.3 Duty Cycle min/10min N/A	E 20 G ± 40.0 geoderation 20 G uii 0.0 1 2 30000 1 (iii) 2250 30000 3000 page	15 GPM 3 4 Layer
aximum Layers of Wire Rope ear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4 5 Never exceed the Rated Put Line L 1 0 5000 10000	Performanc Line Load 1bf 20000 16975 14745 13032 11676 Illing Force. Installation of a .coad kgf 0 2268 4536	kgf 9072 7700 6688 5911 5296 Rated Capace First Lay Pres 87 123 185	kN kN 89.0 75.5 65.6 58.0 51.9 51.9 city Limite 90 ssure Dro 51 55 55 70 56	N/A I6" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1 r is recommended rformat pa at 15 G 0 1 1 1	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9 mended. Ance PM BAR 60.0 86.6 27.9	Line Spec ft/min 28.5 33.5 38.6 43.7 48.8 Pres P 10 10 15 20 20 20	pe 20 GPM m/min 8.7 10.2 11.8 13.3 14.9	Drum C ft 21 46 74 106 142 at 20 GPM BAR 72.7 103.4 142.7	Image: model m 6.4 14.0 22.6 32.3 43.3 43.3 Duty Cycle min/10min N/A N/A	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	15 GPM 3 4 Layer 5 GPM
aximum Layers of Wire Ropear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4 5 Never exceed the Rated Pu Line L blf 0 5000 10000 15000	Performanc Line Load Ibf 20000 16975 14745 13032 11676 Illing Force. Installation of a .coad kgf 0 2268 4536 6804	kgf 9072 7700 6688 5911 5296 Rated Capac First Lay Pres 87 123 188 243	kN kN 89.0 75.5 65.6 58.0 51.9 51.9 city Limite 90 ssure Dro 51 55 55 70 56	N/A I6" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1 r is recommended rformat pa at 15 G 0 1 1 1	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9 mended. BAR 60.0 88.6 27.9 70.3	Line Spec ft/min 28.5 33.5 38.6 43.7 48.8 Pres P 10 10 15 20 20 20	Pe → 20 GPM m/min 8.7 10.2 11.8 13.3 14.9 × × × × × × × × × × × × ×	Drum C ft 21 46 74 106 142 at 20 GPM BAR 72.7 103.4 142.7 181.3	Duty Cycle min/10min N/A N/A	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	15 GPM 3 4 Layer 5 GPM 10000 15000 20
aximum Layers of Wire Ropear Reduction: rake Type: ontactor / Remote Type: Drum Layer 1 2 3 4 5 Never exceed the Rated Pu Line L blf 0 5000 10000 15000	Performanc Line Load Ibf 20000 16975 14745 13032 11676 Illing Force. Installation of a .coad kgf 0 2268 4536 6804	kgf 9072 7700 6688 5911 5296 Rated Capac First Lay Pres 87 123 188 243	kN kN 89.0 75.5 65.6 58.0 51.9 51.9 city Limite 90 ssure Dro 51 55 55 70 56	N/A I6" (14 Line Spee ft/min 22.8 26.9 31.0 35.0 39.1 r is recommended rformat pa at 15 G 0 1 1 1	.3 mm) d 15 GPM m/min 6.9 8.2 9.4 10.7 11.9 mended. BAR 60.0 88.6 27.9 70.3	Line Spec ft/min 28.5 33.5 38.6 43.7 48.8 Pres P 10 10 15 20 20 20	Pe → 20 GPM m/min 8.7 10.2 11.8 13.3 14.9 × × × × × × × × × × × × ×	Drum C ft 21 46 74 106 142 at 20 GPM BAR 72.7 103.4 142.7 181.3	Duty Cycle min/10min N/A N/A	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	15 GPM 3 4 Layer 5 GPM

