NARN Industrial Winch     Series 30% Hydraulic Winch     T780     Lydraulic Minch       Image: Series X, Paries X,									Mode		Part Numb	ber Motor	Туре
<image/>	INDUSTRIAL	WARN Industrial Winch						Hydraulic Winch			10.4 ci (1	170cc)	
Enclands     Standards Statch Block XL-60K LB     Pert Number T7532 Statch Block XL-60K LB     T7532 7532 7535       Enclands     Enclands     Statch Block XL-60K LB     Drum Rotation     T7532 7535       Enclands     Statch Block XL-60K LB     Drum Rotation     Standards Compliance Compliance     Standards Compliance Compliance     Standards Compliance       Durn Brange Diamoter:     6.25     10     1360     14/     1307     16/     1.98.700     1.98.700       Blance Btayes     5.0     1.0     1.98.9700     1.98.700     1.98.700     1.98.700       Blance Btayes     5.0     1.98.700			<u></u>					high effic with a pe superior are also tension p mounting Warn Se	tiency hydra rmanently lu intermittent- available wit blate is stand g options to f	lic motor, an ibricated and duty performa h manual or a lard along wit it a variety of hes are not s	d a robust 2X rate hardened 2-stage ance for loads up air clutches and 2 h bi-directional op applications.	ed load braking sy e planetary gear t to 30,000 lbs.Wir drum widths. A n peration and a van	ystem rain for nches roller
Engineering Data     Drum Rotation     Standards Compliance       Ated Pulling Force:     0.000     16/     150%     6/     775.22       Drum Rotation     0.000     16/     150%     6/     775.22     775.22       Drum Rotation     0.000     16/     150%     6/     775.22     775.22       Drum Rotation     0.000     16/     150%     6/     775.22     775.22       Drum Rotation     0.000     16/     150%     6/     76     76       Drum Rotation     0.000     16/     200     76     76     76       Seconrended Maxmum Wite Rope Breaking Strength:     41200     14/     1989     8/     76       Seconrended Maxmum Wite Rope Breaking Strength:     4120     16/     1000 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Acc</th> <th>essories</th> <th></th> <th></th>										Acc	essories		
Rated   Quinty Force:								Fairlead Wire Rop	SRS-XL-ST	5/8''x140' Ell	77532 PS 77453	mber	
Name   1300   in   1300   in   1300   in   1300   in   343   mm     Drum Flange Diameter:   13.50   in   343   mm   in   343   mm     Drum Flange Diameter:   6.25   in   15.9   mm   in   20.3   mm     Recommended Minimum Wire Rope Breaking Strength   41200   th   1988   kgr   mm     Approximate Shipping Weight:   322   ib   146   kgr   mm     Approximate Shipping Weight:   322   ib   146   kgr   mm     Maximum Layers of Wire Rope:   5   5   5   5   5     Gear Reduction:   5   5   5   5   5   5     Oratact / Renote Type:   NA   100   10 <td></td> <td>Engineer</td> <td>ing Da</td> <td>ta</td> <td></td> <td></td> <td></td> <td colspan="2">Drum Rotation</td> <td colspan="2"></td> <td></td>		Engineer	ing Da	ta				Drum Rotation					
Link     Link <thlink< th="">     Link     Link     <th< td=""><td>Rated Pulling Force:</td><td></td><td>30000</td><td>lb</td><td>f</td><td>13608</td><td>kgf</td><td></td><td></td><td></td><td>Co</td><td>mpliance</td><td></td></th<></thlink<>	Rated Pulling Force:		30000	lb	f	13608	kgf				Co	mpliance	
Drum Flange Diameter:   13.50   in   343   mm     Distance Between Flanges:   8.0   in   203   mm     Distance Between Flanges:   6.0   in   203   mm     Secontmended Mainum Wire Rope Diameter:   5/8   in   15.9   mm     Recommended Mainum Wire Rope Breaking Strength:   41200   lbd   18868   kgt     Approximate Shipping Weight:   322   lb   146   kg     Outry Cycle (intermittent per SAE J706 section 6.2):   1000   rft   30.48   mm     Askinum Uyers of Wire Rope:   -   -   -   -     Safe Type:   -   36.1   xm/n   N/m     Askinum Layers of Wire Rope:   -   -   -   -     Safe Type:   -   -   -   -   -     Safe Type:   -   N/m   1   0   0   -   -     Drum Layer   Ibf   kgf   KN   ft/min	Drum Barrel Diameter:		6.25	ir	ı	159	mm					iroctivo 08/27/EC op	d
Recommended Maximum Wire Rope Diameter:   5/8   in   15.9   mm     Recommended Maximum Wire Rope Diameter:   322   lb   146   kg     Augo Cycle (intermittent per SAE J706 section 6.2):   1000   ft   304.8   m     Advanting Bolt Torque:   159   ft'lbf   216   N'm     Aaximum Layers of Wire Rope:   5   5   5     Sear Reduction:   36:1   Torque:   Newed from Motor End     Strake Type:   Spring Applied Diak   Torque:   Newed from Motor End     Tortue Layer   End Kathann Layers of Wire Rope:   5   Torque:   Newed from Motor End     Tortue Layer   Performance By Layer-5/8" (15.9 mm) dia. rope   Newed from Motor End   Newed from Capacity     Notactor / Remote Type:   Notactor / Remote Type:   Notactor / Remote Type   Notactor / Remote Type     Drum Layer   Line Load *   Line Speed 15 GPM Line Speed 20 GPM   Drum Capacity   Notactor / Remote Type     1   30000   13608   1312   16.7   5.1   25.9   7.9   4.4   13.4     3   22000   9979   97.9   15   10.4	Drum Flange Diameter:		13.50	ir	ı	343	mm						u
Recommended Minimum Wire Rope Breaking Strength:   4120   bf   18888   kgf     Approximate Shipping Weight:   322   ib   146   kg     Duty Cycle (intermittent per SAE J706 section 6.2):   1000   ft   304.8   m     davinting Both Torque:   159   ft"lib/   216   N°m     davinting Both Torque:   5   -   -   -     Baar Reduction:   36:1   N°m   -   -   -     Strate Type:   Spring Applied Disk   -   -   -   -     Torque:   Notice of the Rober   -   -   -   -   -     Torque:   Notice of the Rober   -				ir	n		mm						
http://windersteiningenergies/provimates/hipping/Weight:   322   ib   146   kg     Duty Cycle (intermittent per SAE J706 section 6.2):   1000   ft   304.8   m     Adaunting Bolt Torque:   159   ft ftb/l   216   N*m     Adauntun Layers of Wire Rope:   5		-											
Duty Cycle (intermittent per SAE J706 section 6.2):   1000   t   304.8   m     Adounting Bolt Torque:   159   ft"lbf   216   N"m     Adating Bolt Torque:   36:1		pe Breaking Strength:					-		A P	NA <sub>b</sub>			
Mounting Bolt Torque:     159     ft Ib     216     N'm       Aaximum Layers of Wire Rope:     5     7     5     7     5     7     5     15     6     3     9     9     7     2     9     3     22000     97     9     2     5     2     9     9     1     72     2     15     6PM     10.3     10.4     41.1     4.3     2     9     1     72     2     9     1     72     2     9     1     72     2     9     1     72     1.5     6     7     2     1							-						
Maximum Layers of Wire Rope:   5     Gear Reduction:   36:1     True Laser Type:   Spring Applied Disk     Contactor / Remote Type:   NA     Viewed from Motor End     Performance By Layer- 5/8" (15.5 mm) dia. rope     Prum Layer   Line Load*   Line Speed 15 GPM   Drum Capacity     1   30000   13608   133.4   14.1   4.3   2.9   6.7   2.0   6.1     2   25385   11514   112.9   16.7   5.1   25.9   7.9   4.4   13.4     3   22000   9979   97.9   19.2   5.9   28.9   9.1   7.2   21.9     4   19412   8805   86.3   21.8   6.6   33.9   10.3   10.4   31.7     'Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended.   Image: Second 15.6   Must 2.7   N/4   13.4   14.1   4.2   20.6   Must 2.6   N/4   13.4   14.1   4.3   14.0   42.7   14.0   42.7   15.6   Must 2.6   15.6   Must 2.6   10.3		1706 Section 6.2):											
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			159	π-1		216	N^M	-	667 6				
$ \begin{array}{ c c c c c c } \hline                                    $								-					
Contactor / Remote Type:     N/A       Performance By Layer- 5/8" (15.9 mm) dia. rope       Drum Layer     Line Load '     Line Speed 15 GPM     Drum Capacity       1     30000     13608     133.4     14.1     4.3     21.9     6.7     20     6.1       2     25385     11514     112.9     16.7     5.1     25.9     7.9     44     13.4       3     22000     9979     97.9     19.2     5.9     29.9     9.1     72     21.9       4     19412     8805     86.3     21.8     6.6     33.9     10.3     10.4     31.7       5     17368     7878     77.3     24.3     7.4     37.8     11.5     140     42.7       Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended.     Pressure Drop at 20 GPM     Duty Cycle     0     0     0     875     60.3     975     67.2     N/A       1bit     kgf     psi     BAR     psi     BAR     min/10min     0/4     15 </td <td></td> <td></td> <td></td> <td>Sr</td> <td></td> <td></td> <td></td> <td>Vi</td> <td>ewed from Mo</td> <td>tor End</td> <td></td> <td></td> <td></td>				Sr				Vi	ewed from Mo	tor End			
Performance By Layer- 5/8" (15.9 mm) dia. rope       Drum Layer     Line Load *     Line Speed 15 GPM     Drum Capacity       1     30000     13608     133.4     14.1     4.3     21.9     6.7     20     6.1       2     25385     11514     112.9     16.7     5.1     25.9     7.9     444     13.4       3     22000     9979     97.9     19.2     5.9     29.9     9.1     72     21.9       4     19412     8805     86.3     21.8     6.6     33.9     10.3     104     31.7       5     17368     7878     77.3     24.3     7.4     37.8     11.5     1400     42.7       Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended.       Pressure Drop at 15 GPM     Pressure Drop at 20 GPM     Duty Cycle       1bf     kgf     psi     BAR     psi     BAR     min/10min       0     0     875     60.3     975     67.2     N/A     750	,,			Sh		eu Disk		- "					
Drum Layer     Line Load *     Line Speed 15 GPM     Line Speed 20 GPM     Drum Capacity       1     30000     13608     133.4     14.1     4.3     21.9     6.7     20     6.1       2     25385     11514     112.9     16.7     5.1     25.9     7.9     44     13.4       3     22000     9979     97.9     19.2     5.9     29.9     9.1     72     21.9       4     19412     8805     86.3     21.8     6.6     33.9     10.3     104     31.7       5     17368     7878     77.3     24.3     7.4     37.8     11.5     140     42.7       Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended.     Invert     First Layer Performance     Invert     5     0     22.5     0     1     2     3     4       0     0     875     60.3     975     67.2     N/A     1500     150     150     150     150     150     150     150 <td>Sonacion / Remote Type.</td> <td>Performanc</td> <td>e By La</td> <td>wer- F</td> <td></td> <td>5 9 mm)</td> <td>dia ror</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Sonacion / Remote Type.	Performanc	e By La	wer- F		5 9 mm)	dia ror	10					
Drum Layer     bf     kgf     kN     ft/min     m/min     ft/min     m/min     ft     m       1     30000     13608     133.4     14.1     4.3     21.9     6.7     20     6.1       2     25385     11514     112.9     16.7     5.1     25.9     7.9     44     13.4       3     22000     9979     97.9     19.2     5.9     29.9     9.1     72     21.9       4     19412     8805     86.3     21.8     6.6     33.9     10.3     1044     31.7       5     17368     787     77.3     24.3     7.4     37.8     11.5     140     42.7       Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended.     Issue Performance     Eine Load     Pressure Drop at 15 GPM     Pressure Porp at 20 GPM     Duty Cycle     1     2     3     4       15000     6804     1900     131.0     2050     141.3     N/A     15 GPM     15 GPM     15 GPM     15				iyon c			-		Drum	Capacity	40.0		
2   25385   11514   112.9   16.7   5.1   25.9   7.9   44   13.4     3   22000   9979   97.9   19.2   5.9   29.9   9.1   72   21.9     4   19412   8805   86.3   21.8   6.6   33.9   10.3   104   31.7     5   17368   7878   77.3   24.3   7.4   37.8   11.5   140   42.7     Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended.   Pressure Drop at 20 GPM   Duty Cycle   1   2   3   4     0   0   875   60.3   975   67.2   N/A     7500   3402   1250   86.2   1533   105.7   N/A     15000   6804   1900   131.0   2050   141.3   N/A     2500   10206   2500   172.4   2600   179.3   N/A     30000   13608   3000   206.8   295.0   203.4   N/A     0   0   0   0   0   0 <th< th=""><th>Drum Layer</th><th>lbf</th><th>kgf</th><th>kN</th><th></th><th>1</th><th></th><th>1</th><th></th><th></th><th></th><th></th><th>_</th></th<>	Drum Layer	lbf	kgf	kN		1		1					_
2   25385   11514   112.9   16.7   5.1   25.9   7.9   44   13.4     3   22000   9979   97.9   19.2   5.9   29.9   9.1   72   21.9     4   19412   8805   86.3   21.8   6.6   33.9   10.3   104   31.7     5   17368   7878   77.3   24.3   7.4   37.8   11.5   140   42.7     6   17368   7878   77.3   24.3   7.4   37.8   11.5   140   42.7     7   9   4   4   13.4   40.7   40.7   40.7   40.7   40.7   40.7     7   9   9.7   9.1   7.2   21.9   9.1   10.3   10.4   42.7     7   9   9.7   9.1   7.3   24.3   7.4   37.8   11.5   140   42.7     10   9.7   9.7   9.7   9.7   9.7   9.7   9.7   9.7   9.7   9.7     11   0   9.7   <	1		-		14.1						0.0 <b>⊈</b>	29 GPM	
4   19412   8805   86.3   21.8   6.6   33.9   10.3   104   31.7     5   17368   7878   77.3   24.3   7.4   37.8   11.5   140   42.7     Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended.   Trist Layer Performance   Presure Drop at 20 GPM   Duty Cycle   0   1   2   3   4     1bf   kgf   psi   BAR   psi   BAR   min/10min   0   0   3402   115.1   140.3   N/A     15000   6804   190/   131.0   205/   141.3   N/A   15   20 GPM   15 GPM     2500   10206   250/   172.4   260/   179.3   N/A   N/A     30000   13608   300/   206.8   295/   203.4   N/A	2	25385	11514	112.9	16.7	5.1	25.9	7.9	44	13.4	20.0		
5 17368 7878 77.3 24.3 7.4 37.8 11.5 140 42.7   Never exceed the Rated Pulling Force. Installation of a Rated Capacity Limiter is recommended. Instantiation of a Rated Capacity Limiter is recommended.   Line Load Presure Drop at 20 GPM Duty Cycle North Capacity Rated Capacity Limiter is recommended. Instantiation of a Rated Capacity Limiter is recommended. Instantiation of a Rated Capacity Limiter is recommended.   O O Presure Drop at 20 GPM Duty Cycle Instantiation of a Rated Capacity Limiter is recommended. Instantiation of a Rated Capacity Limiter is recommended.   0 0 875 60.3 975 67.2 N/A   15000 6804 1900 131.0 2050 141.3 N/A   22500 10206 2500 172.4 260.0 179.3 N/A   30000 13608 3000 206.8 295.0 203.4 N/A   0 0 0 0 20.00 20.00	3	22000	9979	97.9	19.2	5.9	29.9	9.1	72	21.9	Spe	15 GPM	
5 17368 7878 77.3 24.3 7.4 37.8 11.5 140 42.7   1	4	19412	8805	86.3	21.8	6.6	33.9	10.3	104	31.7	10.0 E		
First Layer Performance     Layer       Line Load     Pressure Drop at 15 GPM     Pressure Drop at 20 GPM     Duty Cycle       bbf     kgf     psi     BAR     psi     BAR     min/10min       0     0     875     60.3     975     67.2     N/A       7500     3402     1250     86.2     1533     105.7     N/A       15000     6804     1900     131.0     2050     141.3     N/A       22500     10206     2500     172.4     2600     179.3     N/A       30000     13608     3000     206.8     2950     203.4     N/A							37.8	11.5	140	42.7			
Line Load     Pressure Drop at 15 GPM     Pressure Drop at 20 GPM     Duty Cycle       Ibf     kgf     psi     BAR     psi     BAR     min/10min       0     0     875     60.3     975     67.2     N/A       7500     3402     1250     86.2     1533     105.7     N/A       15000     6804     1900     131.0     2050     141.3     N/A       22500     10206     2500     172.4     2600     179.3     N/A       30000     13608     3000     206.8     2950     203.4     N/A	Never exceed the Rated Pulling										1 2		5
Ibf     kgf     psi     BAR     psi     BAR     min/10min       0     0     875     60.3     975     67.2     N/A       7500     3402     1250     86.2     1533     105.7     N/A       15000     6804     1900     131.0     2050     141.3     N/A       22500     10206     2500     172.4     2600     179.3     N/A       30000     13608     3000     206.8     2950     203.4     N/A			1	-								Layer	
0     0     875     60.3     975     67.2     N/A       7500     3402     1250     86.2     1533     105.7     N/A       15000     6804     1900     131.0     2050     141.3     N/A       22500     10206     2500     172.4     2600     179.3     N/A       30000     13608     3000     206.8     2950     203.4     N/A       0     10000     20000     10000     20000					rop at 15								
0     0     875     60.3     975     67.2     N/A       7500     3402     1250     86.2     1533     105.7     N/A       15000     6804     1900     131.0     2050     141.3     N/A       22500     10206     2500     172.4     2600     179.3     N/A       30000     13608     3000     206.8     2950     203.4     N/A       0     10000     20000     10000     20000											2250		-
30000     13608     3000     206.8     2950     203.4     N/A     0        0     10000     20000     10000     20000     10000     20000											ବୁ 20 G	PM	
30000     13608     3000     206.8     2950     203.4     N/A     0        0     10000     20000     10000     20000     10000     20000											1500 g	15 GPM	
30000     13608     3000     206.8     2950     203.4     N/A     0      0      0     10000     20000											<b>NSS</b> 750		
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		10000											
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