

Performance Data

Conforms to SAE J706 except as noted



Winch Model	Recommended Wire Rope Size INCHES MM	Minimum System Pressure for Rated Pull (PSI)	Maximum System Flow (GPM)	Worm Gear Ratio	1st Layer			2nd Layer			3rd Layer			4th Layer			5th Layer		
					Rated Line Pull (LBS) (KGS)	Cable Cap. (Ft) (M)	Line Speed (FPM) (MPM)	Rated Line Pull (LBS) (KGS)	Cable Cap. (Ft) (M)	Line Speed (FPM) (MPM)	Rated Line Pull (LBS) (KGS)	Cable Cap. (Ft) (M)	Line Speed (FPM) (MPM)	Rated Line Pull (LBS) (KGS)	Cable Cap. (Ft) (M)	Line Speed (FPM) (MPM)	Rated Line Pull (LBS) (KGS)	Cable Cap. (Ft) (M)	Line Speed (FPM) (MPM)
LOW MOUNT																			
* H-7	1/4 6	750	15	38:1	3000 1350	10 3	16.7 5.0	2600 1170	20 6	19.3 5.8	2200 990	35 10	21 6.3	2000 900	50 15	24 7.2	1800 810	70 21	27 8.2
* HX-7	1/4 6	750	15	38:1	3000 1350	15 4	16.7 5.0	2600 1170	40 12	19.3 5.8	2200 990	65 19	21 6.3	2000 900	95 28	24 7.2	1800 810	125 38	27 8.2
* H-8B	5/16 8	1000	15	38:1	4000 1810	15 4	17.1 5.1	3300 1490	30 9	20 6.0	2900 1310	55 16	23 6.9	2500 1130	80 24	26 7.9			
** H-200						25 7	12.6	6700	60 18	15.1	5700	95 28	17.5	5000	140 42	20	4500	190 57	22
** HY-200	3/8 9	1550	15	60:1	8000 3620	15 4	3.8	3030	30 9	4.5	2580	55 16	5.3	2260	75 22	6.0	2030	105 31	6.6
** H-246						25 7	16.5	6700	60 18	19.7	5700	95 28	22	5000	140 42	26	4500	190 57	29
** HY-246	3/8 9	1800	15	46:1	8000 3620	15 4	5.0	3030	30 9	5.9	2580	55 16	6.6	2260	75 22	7.9	2030	105 31	8.8
** HD-200						25 7	32	6600	60 18	38	5600	95 28	45	5000	140 42	51	4400	190 57	56
** HYD-200	3/8 9	1700	15	30:1	8000 3620	15 4	9.7	2980	30 9	11.5	2520	55 16	13.7	2260	75 22	15.5	1980	105 31	17.0
** HD-234						25 7	28	6600	60 18	34	5600	95 28	39	5000	140 42	44	4400	190 57	49
** HYD-234	3/8 9	2375	15	34:1	8000 3620	15 4	8.5	2980	30 9	10.3	2520	55 16	11.8	2260	75 22	13.3	1980	105 31	14.8
** H-300						25 7	12.6	7500	60 18	15.1	6400	95 28	17.5	5600	140 42	20	5000	190 57	22
** HY-300	3/8 9	1750	15	60:1	9000 4070	15 4	3.8	3390	30 9	4.5	2890	55 16	5.3	2530	75 22	6.0	2290	106 31	6.6
** H-346						25 7	16.5	7500	60 18	19.7	6400	95 28	22	5600	140 42	26	5000	190 57	29
** HY-346	3/8 9	2000	15	46:1	9000 4070	15 4	5.0	3390	30 9	5.9	2890	55 16	6.6	2530	75 22	7.9	2290	105 31	8.8
A H-400	7/16 11	2800	23	29:1	10,000 4530	25 7	30	8200	55 16	37	6900	90 27	44	6000	130 39	50			
A HG-400																			
A* HY-400	7/16 11	3000	23	29:1	10,000 4530	20 6	33 10	8300 3760	45 13	40 12	7100 3210	70 21	47 14	6200 2800	105 31	53 16			
A* HYG-400																			
A* H-600						20 6			55 16			90 27			130 39			180 54	
A* HY-600	1/2 13	2750	25	40:1	12,000 5430	15 4	25 7.6	9800 4430	40 12	31 9.4	8300 3750	65 19	37 11.2	7200 3260	95 28	42 12.7	6300 2850	130 39	48 14.5
A* HX-600						30 9			65 19			110 33			165 50			225 68	
A* H-700	9/16 14	2750	30	35:1	15,000 6790	20 6	27	12,300	50 15	33	10,500	85 25	38	9100	125 38	44	8100	170 51	50
A* HX-700						35 10	8.2	5570	75 22	10.0	4750	125 38	11.5	4120	185 56	13.3	3660	250 76	15.2
A* H-800	5/8 16	2200	30	40:1	20,000 9070	35 10	19 5.7	16,600 7520	75 22	22 6.6	14,300	125 38	25 7.6	12,500	185 56	29 8.8	11,100	240 72	32 9.7
A* HY-800						20 6	18.4 5.5		45 13	21 6.3	6480	75 22	25 7.6	5660	110 33	28 8.5	5030	150 45	31 9.4
H-930	3/4 19	2500	35	41:1	30,000 13,590	25 7	13 3.9	24,500 11,090	65 19	17.6 5.3	20,700 9370	105 31	20 6	18,000 8150	155 47	24 7.2			

*Last layer does not conform to SAE Standard J706.

**Winch only conforms to SAE J706. For SAE qualifications of mounting angles, if applicable, consult Ramsey Engineering.

A-Standard rating listed. Higher SAE J706 ratings available—contact factory.