PULLEY (SHEAVE) SELECTION TABLES CONTINUED

Equipment Speed in revolutions per minute (rpm) for motors turning 1725 rpm

Outside Diameter of Pulley on Motor	Outside Diameter of Pulley on Equipment														
	1.50	2.00	2.25	2.50	2.75	3.00	350	4.00	4.50	5.00	6.00	7.00	8.00	9.00	10.00
1.50	1725	1294	1150	1035	941	863	739	647	575	518	431	370	323	288	259
2.00	2300	1725	1533	1380	1255	1150	986	863	767	690	575	493	431	383	345
2.25	2588	1941	1725	1553	1411	1294	1109	970	863	776	647	554	485	431	388
2.50	2875	2156	1917	1725	1568	1438	1232	1078	958	863	719	616	539	479	431
2.75	3163	2372	2108	1898	1725	1581	1355	1186	1,054	949	791	678	593	527	474
3.00	3450	2588	2300	2070	1882	1725	1479	1294	1150	1035	863	739	647	575	518
3.50	4025	3019	2683	2415	2195	2013	1725	1509	1342	1208	1006	863	755	671	604
4.00	4600	3450	3067	2760	2509	2300	1971	1725	1533	1380	1150	986	863	767	690
4.50	5175	3881	3450	3105	2823	2588	2218	1941	1725	1553	1294	1109	970	863	776
5.00	5750	4313	3833	3450	3136	2875	2464	2156	1917	1725	1438	1232	1078	958	863
6.00	6900	5175	4600	4140	3764	3450	2957	2588	2300	2070	1725	1479	1294	1150	1035
7.00	8050	6038	5367	4830	4391	4025	3450	3019	2683	2415	2013	1725	1509	1342	1208
8.00	9200	6900	6133	5520	5018	4600	3943	3450	3067	2760	2300	1971	1725	1533	1380
9.00	10350	7763	6900	6210	5645	5175	4436	3881	3450	3105	2588	2218	1941	1725	1553
10.00	11500	8625	7667	6900	6273	5750	4929	4313	3833	3450	2875	2464	2156	1917	1725

Equipment Speed in revolutions per minute (rpm) for motors turning 3450 rpm

1.50	3450	2588	2300	2070	1882	1725	1479	1294	1150	1035	863	739	647	575	518
2.00	4600	3450	3067	2760	2509	2300	1971	1725	1533	1380	1150	986	863	767	690
2.25	5175	3881	3450	3105	2823	2588	2218	1941	1725	1553	1294	1109	970	863	776
2.50	5750	4313	3833	3450	3136	2875	2464	2156	1917	1725	1438	1232	1078	958	863
2.75	6325	4744	4217	3795	3450	3163	2711	2372	2108	1898	1581	1355	1186	1054	949
3.00	6900	5175	4600	4140	3764	3450	2957	2588	2300	2070	1725	1479	1294	1150	1035
3.50	8050	6038	5367	4830	4391	4025	3450	3019	2683	2415	2013	1725	1509	1342	1208
4.00	9200	6900	6133	5520	5018	4600	3943	3450	3067	2760	2300	1971	1725	1533	1380
4.50	10350	7763	6900	6210	5645	5175	4436	3881	3450	3105	2588	2218	1941	1725	1553
5.00	11500	8625	7667	6900	6273	5750	4929	4313	3833	3450	2875	2464	2156	1917	1725
6.00	13800	10350	9200	8280	7527	6900	5914	5175	4600	4140	3450	2957	2588	2300	2070
7.00	16100	12075	10733	9660	8782	8050	6900	6038	5367	4830	4025	3450	3019	2683	2415
8.00	18400	13800	12267	11040	10036	9200	7886	6900	6133	5520	4600	3943	3450	3067	2760
9.00	20700	15525	13800	12420	11291	10350	8871	7763	6900	6210	5175	4436	3881	3450	3105
10.00	23000	17250	15333	13800	12545	11500	9857	8625	7667	6900	5750	4929	4313	3833	3450

PRACTICAL LIFT FOR CENTRIFUGAL PUMPS

Pumping Water at Various Altitudes and Temperatures

Altitude Feet Above Sea Level	Practical Pump Lift in feet — Temperature of Water in °F															
	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135
0	-15.0	-14.0	-13.0	-11.5	-10.0	-9.0	-8.0	-7.0	-6.0	-5.0	-4.0	-2.5	-1.0	0.0	1.0	2.0
500	-14.3	-13.3	-12.3	-10.9	-9.5	-8.5	-7.5	-6.5	-5.5	-4.4	-3.3	-1.9	-0.5	0.5	1.5	2.5
1,000	-13.5	-12.5	-11.5	-10.3	-9.0	-8.0	-7.0	-6.0	-5.0	-3.8	-2.5	-1.3	0.0	1.0	2.0	3.0
1,500	-12.8	-11.8	-10.8	-9.6	-8.5	-7.5	-6.5	-5.5	-4.5	-3.1	-1.8	-0.6	0.5	1.5	2.5	3.5
2,000	-12.0	-11.0	-10.0	-9.0	-8.0	-7.0	-6.0	-5.0	-4.0	-2.5	-1.0	0.0	1.0	2.0	3.0	4.0
2,500	-11.5	-10.5	-9.5	-8.5	-7.5	-6.4	-5.3	-4.3	-3.3	-1.9	-0.5	0.5	1.5	2.6	3.8	4.8
3,000	-11.0	-10.0	-9.0	-8.0	-7.0	-5.8	-4.5	-3.5	-2.5	-1.3	0.0	1.0	2.0	3.3	4.5	5.5
3,500	-10.5	-9.5	-8.5	-7.5	-6.5	-5.1	-3.8	-2.8	-1.8	-0.6	0.5	1.5	2.5	3.9	5.3	6.3
4,000	-10.0	-9.0	-8.0	-7.0	-6.0	-4.5	-3.0	-2.0	-1.0	0.0	1.0	2.0	3.0	4.5	6.0	7.0
4,500	-9.5	-8.5	-7.5	-6.5	-5.5	-4.0	-2.5	-1.5	-0.5	0.5	1.5	2.5	3.5	5.0	6.5	7.5
5,000	-9.0	-8.0	-7.0	-6.0	-5.0	-3.5	-2.0	-1.0	0.0	1.0	2.0	3.0	4.0	5.5	7.0	8.0
5,500	-8.5	-7.5	-6.5	-5.5	-4.5	-3.0	-1.5	-0.5	0.5	1.5	2.5	3.5	4.5	6.0	7.5	8.5
6,000	-8.0	-7.0	-6.0	-5.0	-4.0	-2.5	-1.0	0.0	1.0	2.0	3.0	4.0	5.0	6.5	8.0	9.0
6,500	-7.5	-6.5	-5.5	-4.5	-3.5	-2.0	-0.5	0.5	1.5	2.5	3.5	4.5	5.5	7.0	8.5	9.5
7,000	-7.0	-6.0	-5.0	-4.0	-3.0	-1.5	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.5	9.0	10.0
7,500	-6.5	-5.5	-4.5	-3.5	-2.5	-1.0	0.5	1.5	2.5	3.5	4.5	5.5	6.5	8.0	9.5	10.5
8,000	-6.0	-5.0	-4.0	-3.0	-2.0	-0.5	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.5	10.0	11.0
8,500	-5.5	-4.5	-3.5	-2.5	-1.5	0.0	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.9	10.3	11.4
9,000	-5.0	-4.0	-3.0	-2.0	-1.0	0.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.3	10.5	11.8
9,500	-4.5	-3.5	-2.5	-1.5	-0.5	1.0	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.6	10.8	12.1
10,000	-4.0	-3.0	-2.0	-1.0	0.0	1.5	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.5