

Frame Size Selection Tables 60 Hz

1165 RPM

Dimensions:	Frame Size	Page	Frame Size	Page
	1100	2.24	1400	2.27
	1200	2.25	1500	2.28
	1300	2.26	1600	2.29

Output RPM Ratio	233 5	166 7	116 10	97.1 12	77.7 15	58.2 20	46.6 25	38.8 30	29.1 40	23.3 50	19.4 60	14.6 80	11.6 100	Frame Size
Input HP	0.216	0.216	0.216	0.216	0.216	0.216	0.216	0.216	0.108	0.108	0.108	-	-	1120
Output Torque in·lbs	49.6	69.5	99.2	119	149	198	248	298	198	248	298	-	-	
Overhung Load lbs	143	165	187	198	209	231	243	265	287	298	298	-	-	
Input HP	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.216	0.216	0.216	-	-	1220
Output Torque in·lbs	99.2	139	198	238	298	397	496	595	397	496	595	-	-	
Overhung Load lbs	209	231	265	276	298	331	342	364	386	397	408	-	-	
Input HP	-	-	-	-	-	-	-	-	-	-	-	0.108	0.108	1230
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	397	496	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	408	408	
Input HP	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.432	0.432	0.432	-	-	1320
Output Torque in·lbs	198	278	397	476	595	794	992	1190	794	992	1190	-	-	
Overhung Load lbs	364	397	441	463	496	529	562	595	639	661	694	-	-	
Input HP	-	-	-	-	-	-	-	-	-	-	-	0.216	0.216	1330
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	794	992	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	694	694	
Input HP	-	-	-	-	-	-	-	-	-	-	-	-	-	1340
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	-	-	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	-	-	
Input HP	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	0.863	0.863	0.863	-	-	1420
Output Torque in·lbs	382	535	764	917	1150	1530	1910	2290	1590	1980	2380	-	-	
Overhung Load lbs	529	595	661	694	750	805	849	882	937	981	981	-	-	
Input HP	-	-	-	-	-	-	-	-	-	-	-	0.432	0.432	1430
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	1590	1980	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	981	981	
Input HP	-	-	-	-	-	-	-	-	-	-	-	-	-	1440
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	-	-	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	-	-	
Input HP	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	1.66	1.66	1.66	-	-	1520
Output Torque in·lbs	546	764	1090	1310	1640	2180	2730	3270	3060	3820	4580	-	-	
Overhung Load lbs	761	860	948	992	1060	1150	1220	1270	1360	1400	1400	-	-	
Input HP	-	-	-	-	-	-	-	-	-	-	-	0.863	0.863	1530
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	3180	3970	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	1400	1400	
Input HP	-	-	-	-	-	-	-	-	2.37	2.37	2.37	1.66	-	1531
Output Torque in·lbs	-	-	-	-	-	-	-	-	4370	5460	6550	6110	-	
Overhung Load lbs	-	-	-	-	-	-	-	-	1360	1400	1400	1400	-	
Input HP	-	-	-	-	-	-	-	-	-	-	-	-	-	1540
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	-	-	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	-	-	
Input HP	-	-	-	-	-	-	-	-	-	-	-	-	-	1640
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	-	-	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	-	-	

Speed Reducers Selection Tables

60 Hz Frame Size Selection Tables

1165 RPM

Dimensions:	Frame Size	Page	Frame Size	Page
	1100	2.24	1400	2.27
	1200	2.25	1500	2.28
	1300	2.26	1600	2.29

Output RPM Ratio	9.71 120	7.77 150	5.82 200	4.85 240	3.88 300	3.24 360	2.43 480	1.94 600	1.62 720	1.29 900	0.971 1200	0.809 1440	Frame Size
Input HP													1120
Output Torque in·lbs													
Overhung Load lbs													
Input HP													1220
Output Torque in·lbs													
Overhung Load lbs													
Input HP	0.108	0.108	0.094	0.079									1230
Output Torque in·lbs	595	744	868	868									
Overhung Load lbs	408	408	408	408									
Input HP	-	-	-	-	-	-	-	-	-	-	-	-	1320
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	-	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	-	
Input HP	0.216	0.216	0.188	0.156	-	-	-	-	-	-	-	-	1330
Output Torque in·lbs	1190	1490	1730	1730	-	-	-	-	-	-	-	-	
Overhung Load lbs	694	694	694	694	-	-	-	-	-	-	-	-	
Input HP	-	-	-	-	0.108	0.108	0.083	0.067	0.055	0.044	0.033	0.028	1340
Output Torque in·lbs	-	-	-	-	1400	1680	1730	1730	1730	1730	1730	1730	
Overhung Load lbs	-	-	-	-	694	694	694	694	694	694	694	694	
Input HP	-	-	-	-	-	-	-	-	-	-	-	-	1420
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	-	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	-	
Input HP	0.432	0.432	0.376	0.313	-	-	-	-	-	-	-	-	1430
Output Torque in·lbs	2380	2980	3450	3450	-	-	-	-	-	-	-	-	
Overhung Load lbs	981	981	981	981	-	-	-	-	-	-	-	-	
Input HP	-	-	-	-	0.216	0.216	0.166	0.133	0.111	0.089	0.067	0.055	1440
Output Torque in·lbs	-	-	-	-	2800	3360	3450	3450	3450	3450	3450	3450	
Overhung Load lbs	-	-	-	-	981	981	981	981	981	981	981	981	
Input HP	-	-	-	-	-	-	-	-	-	-	-	-	1520
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	-	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	-	
Input HP	0.863	0.863	0.704	0.587	-	-	-	-	-	-	-	-	1530
Output Torque in·lbs	4760	5950	6480	6480	-	-	-	-	-	-	-	-	
Overhung Load lbs	1400	1400	1400	1400	-	-	-	-	-	-	-	-	
Input HP	-	-	-	-	-	-	-	-	-	-	-	-	1531
Output Torque in·lbs	-	-	-	-	-	-	-	-	-	-	-	-	
Overhung Load lbs	-	-	-	-	-	-	-	-	-	-	-	-	
Input HP	-	-	-	-	0.432	0.416	0.312	0.249	0.208	0.166	0.125	0.104	1540
Output Torque in·lbs	-	-	-	-	5600	6480	6480	6480	6480	6480	6480	6480	
Overhung Load lbs	-	-	-	-	1400	1400	1400	1400	1400	1400	1400	1400	
Input HP	-	-	-	-	0.863	0.841	0.631	0.505	0.421	0.336	0.252	0.210	1640
Output Torque in·lbs	-	-	-	-	11200	13100	13100	13100	13100	13100	13100	13100	
Overhung Load lbs	-	-	-	-	2200	2200	2200	2200	2200	2200	2200	2200	

Speed
ReducersSelection
Tables