MAX RPM & DYNAMIC BALANCE CHART

MASTERDRIVE™

A/B SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
1B34SH	8557	6616
1B36SH	8337	6281
1B38SH	8134	5978
1B40SH	7945	5703
1B42SH	7768	5453
1B44SH	7603	5223
1B46SDS	7448	5012
1B48SDS	7302	4817
1B50SDS	7164	4637
1B52SDS	7034	4470
1B54SDS	6910	4315
1B56SDS	6793	4170
1B58SDS	6682	4034
1B60SDS	6576	3907
1B62SDS	6475	3788
1B64SDS	6378	3675
1B66SDS	5879	3570
1B68SDS	5797	3470
1B70SDS	5717	3375
1B74SDS	5568	3201
1B80SDS	5364	2971
1B86SDS	5181	2772
1B90SDS	5069	2653
1B94SDS	4964	2545
1B110SDS	4601	2186
1B124SDS	4341	1946
1B136SDS	4150	1778
1B154SK	3906	1575
1B160SK	3833	1517
1B184SK	3580	1323
1B200SK	3436	1219
1B250SF	3079	979
1B300SF	2814	817

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
2B34SH	6051	6616
2B36SH	5985	6281
2B38SH	5752	5978
2B40SH	5618	5703
2B42SH	5493	5453
2B44SH	5376	5223
2B46SDS	5266	5012
2B48SDS	5163	4817
2B50SDS	5066	4637
2B52SDS	4974	4470
2B54SDS	4886	4315
2B56SDS	4803	4170
2B58SDS	4725	4034
2B60SDS	4650	3907
2B62SDS	4578	3788
2B64SDS	4510	3675
2B66SDS	4444	3570
2B68SDS	4382	3470
2B70SK	4322	3375
2B74SK	4209	3201
2B80SK	4055	2971
2B86SK	3917	2772
2B90SK	3832	2653
2B94SK	3752	2545
2B110SK	3478	2186
2B124SK	3281	1946
2B136SK	3137	1778
2B154SK	2952	1575
2B160SK	2898	1517
2B184SK	2706	1323
2B200SF	2597	1219
2B250SF	2327	979
2B300SF	2127	817
2B380SF	1892	647

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
3B34SH	5062	6616
3B36SH	4932	6281
3B38SH	4812	5978
3B40SH	4700	5703
3B42SH	4596	5453
3B44SH	4498	5223
3B46SD	4406	5012
3B48SD	4320	4817
3B50SD	4238	4637
3B52SD	4161	4470
3B54SD	4088	4315
3B56SD	4019	4170
3B58SD	3953	4034
3B60SD	3890	3907
3B62SD	3830	3788
3B64SD	3773	3675
3B66SD	3719	3570
3B68SD	3666	3470
3B70SK	3616	3375
3B74SK	3521	3201
3B80SK	3392	2971
3B86SK	3277	2772
3B90SK	3206	2653
3B94SK	3139	2545
3B110SK	2910	2186
3B124SK	2745	1946
3B136SK	2625	1778
3B154SK	2470	1575
3B160SK	2424	1517
3B184SK	2264	1323
3B200SF	2173	1219
3B250SF	1947	979
3B300SF	1779	817
3B380E	1583	647

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MAX RPM & DYNAMIC BALANCE CHART

MASTERDRIVE™

A/B SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
4B34SD	4440	6616
4B36SD	4326	6281
4B38SD	4221	5978
4B40SD	4122	5703
4B42SD	4031	5453
4B44SD	3945	5223
4B46SD	3864	5012
4B48SD	3789	4817
4B50SD	3717	4637
4B52SD	3650	4470
4B54SD	3586	4315
4B56SD	3525	4170
4B58SD	3467	4034
4B60SD	3412	3907
4B62SD	3359	3788
4B64SD	3309	3675
4B66SD	3261	3570
4B68SD	3215	3470
4B70SK	3171	3375
4B74SK	3088	3201
4B80SK	2975	2971
4B86SK	2874	2772
4B90SK	2812	2653
4B94SK	2754	2545
4B110SK	2552	2186
4B124SK	2408	1946
4B136SK	2302	1778
4B154SF	2166	1575
4B160SF	2126	1517
4B184SF	1986	1323
4B200SF	1906	1219
4B250E	1708	979
4B300E	1561	817
4B380E	1388	647

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
5B34SD	4002	6616
5B36SD	3899	6281
5B38SD	3804	5978
5B40SD	3716	5703
5B42SD	3633	5453
5B44SD	3556	5223
5B46SD	3483	5012
5B48SD	3415	4817
5B50SD	3351	4637
5B52SD	3290	4470
5B54SD	3232	4315
5B56SD	3177	4170
5B58SD	3125	4034
5B60SD	3075	3907
5B62SD	3028	3788
5B64SD	2983	3675
5B66SD	2940	3570
5B68SD	2898	3470
5B70SK	2859	3375
5B74SK	2784	3201
5B80SK	2682	2971
5B86SK	2591	2772
5B94SK	2482	2545
5B110SK	2300	2186
5B124SK	2170	1946
5B136SK	2075	1778
5B154SF	1953	1575
5B160SF	1917	1517
5B184SF	1790	1323
5B200SF	1718	1219
5B250E	1539	979
5B300E	1407	817
5B380E	1251	647

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
6B34SD	3673	6616
6B36SD	3578	6281
6B38SD	3491	5978
6B40SD	3410	5703
6B42SD	3334	5453
6B44SD	3263	5223
6B46SD	3197	5012
6B48SD	3134	4817
6B50SD	3075	4637
6B52SD	3019	4470
6B54SD	2966	4315
6B56SD	2916	4170
6B58SD	2868	4034
6B60SD	2822	3907
6B62SD	2779	3788
6B64SD	2737	3675
6B66SD	2698	3570
6B68SD	2660	3470
6B70SK	2623	3375
6B74SK	2555	3201
6B80SK	2461	2971
6B86SK	2377	2772
6B94SK	2278	2545
6B110SK	2111	2186
6B124SK	1992	1946
6B136SK	1904	1778
6B154SF	1792	1575
6B160SF	1759	1517
6B184SF	1642	1323
6B200SF	1577	1219
6B250E	1413	979
6B300E	1291	817
6B380E	1148	647

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MAX RPM & DYNAMIC BALANCE CHART

MASTERDRIVE™

A/B SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
7B54SK	2756	4315
7B56SK	2710	4170
7B58SK	2665	4034
7B60SK	2623	3907
7B62SF	2582	3788
7B64SF	2544	3675
7B66SF	2507	3570
7B68SF	2472	3470
7B70SF	2438	3375
7B74SF	2374	3201
7B86E	2209	2772
7B94E	2117	2545
7B110E	1962	2186
7B124E	1851	1946
7B136E	1770	1778
7B154E	1665	1575
7B160E	1635	1517
7B184F	1526	1323

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
8B54SK	2586	4315
8B56SK	2542	4170
8B58SK	2500	4034
8B60SK	2460	3907
8B62SF	2423	3788
8B64SF	2386	3675
8B66SF	2352	3570
8B68SF	2319	3470
8B70SF	2287	3375
8B74SF	2227	3201
8B86E	2072	2772
8B94E	1986	2545
8B110E	1840	2186
8B124E	1736	1946
8B136E	1660	1778
8B154E	1562	1575
8B160E	1533	1517
8B184F	1432	1323
8B200F	1374	1219
8B250F	1231	979
8B300F	1125	817
8B380F	1001	647

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
10B54SK	2322	4315
10B56SK	2383	4170
10B58SK	2245	4034
10B60SK	2209	3907
10B62SF	2176	3788
10B64SF	2143	3675
10B66SF	2112	3570
10B68SF	2082	3470
10B70SF	2054	3375
10B74SF	2000	3201
10B86E	1861	2772
10B94E	1783	2545
10B110E	1653	2186
10B124E	1559	1946
10B136F	1491	1778
10B154F	1403	1575
10B160F	1377	1517
10B184F	1286	1323
10B200F	1234	1219
10B250F	1106	979
10B300F	1011	817
10B380J	899	647

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MASTERDRIVE™

C SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
1C60SK	5225	3876
1C70SF	4859	3353
1C75SF	4703	3140
1C80SF	4561	2953
1C85SF	4431	2788
1C90SF	4311	2639
1C95SF	4201	2506
1C100SF	4099	2385
1C105SF	4004	2276
1C110SF	3915	2176
1C120SF	3754	2001
1C130SF	3611	1851
1C140SF	3483	1723
1C150SF	3368	1611
1C160SF	3264	1513
1C180SF	3082	1348
1C200SF	2927	1216
1C240SF	2676	1017

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
2C60SF	3976	3876
2C70SF	3697	3353
2C75SF	3578	3140
2C80SF	3470	2953
2C85SF	3371	2788
2C90SF	3280	2639
2C95SF	3197	2506
2C100SF	3119	2385
2C105SF	3046	2276
2C110SF	2979	2176
2C120SF	2856	2001
2C130SF	2748	1851
2C140SF	2650	1723
2C150SF	2563	1611
2C160SF	2484	1513
2C180SF	2345	1348
2C200SF	2227	1216
2C240SF	2036	1017
2C270F	1921	905
2C300F	1824	816

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
3C50SD	3631	4594
3C50SK	3631	4594
3C54SD	3503	4277
3C55SD	3474	4205
3C56SD	3444	4135
3C60SF	3335	3876
3C70SF	3102	3353
3C75SF	3002	3140
3C80E	2911	2953
3C85E	2828	2788
3C90E	2752	2639
3C95E	2681	2506
3C100E	2616	2385
3C105E	2556	2276
3C110E	2499	2176
3C120E	2396	2001
3C130E	2305	1851
3C140E	2223	1723
3C150E	2150	1611
3C160E	2083	1513
3C180E	1967	1348
3C200E	1868	1216
3C240E	1708	1017
3C270F	1612	905
3C300F	1530	816
3C360F	1398	682
3C440F	1266	559
3C500F	1188	492

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MAX RPM & DYNAMIC BALANCE CHART

MASTERDRIVE™

C SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
4C50SD	3189	4594
4C50SK	3189	4594
4C54SD	3077	4277
4C55SD	3051	4205
4C56SD	3025	4135
4C60SF	2929	3876
4C70SF	4724	3353
4C75SF	2637	3140
4C80E	2557	2953
4C85E	2484	2788
4C90E	2417	2639
4C95E	2355	2506
4C100E	2298	2385
4C105E	2245	2276
4C110E	2195	2176
4C120E	2104	2001
4C130E	2024	1851
4C140E	1953	1723
4C150E	1888	1611
4C160E	1830	1513
4C180E	1728	1348
4C200E	1641	1216
4C240F	1500	1017
4C270F	1416	905
4C300F	1344	816
4C360F	1228	682
4C440J	1112	559
4C500J	1044	492

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
5C50SK	2877	4594
5C60SF	2643	3876
5C70SF	2458	3353
5C75SF	2379	3140
5C80E	2307	2953
5C85E	2241	2788
5C90E	2181	2639
5C95E	2125	2506
5C100E	2073	2385
5C105E	2025	2276
5C110E	1980	2176
5C120E	1899	2001
5C130E	1826	1851
5C140E	1762	1723
5C150E	1704	1611
5C160E	1651	1513
5C180E	1559	1348
5C200F	1480	1216
5C240F	1353	1017
5C270F	1277	905
5C300F	1213	816
5C360J	1108	682
5C440J	1003	559
5C500J	942	492

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
6C50SK	2642	4594
6C60SF	2427	3876
6C70SF	2257	3353
6C75SF	2184	3140
6C80E	2118	2953
6C85E	2058	2788
6C90F	2002	2639
6C95F	1951	2506
6C100F	1904	2385
6C105F	1859	2276
6C110F	1818	2176
6C120F	1743	2001
6C130F	1677	1851
6C140F	1618	1723
6C150F	1564	1611
6C160F	1516	1513
6C180F	1431	1348
6C200F	1359	1216
6C240F	1243	1017
6C270J	1173	905
6C300J	1113	816
6C360J	1018	682
6C440J	921	559
6C500M	865	492

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MASTERDRIVE™

C SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
7C70SF	2098	3353
7C80E	1969	2953
7C85E	1913	2788
7C90F	1862	2639
7C95F	1814	2506
7C100F	1770	2385
7C105F	1729	2276
7C110F	1690	2176
7C120F	1621	2001
7C130F	1559	1851
7C140F	1504	1723
7C150F	1454	1611
7C160F	1409	1513
7C180F	1331	1348

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
8C70SF	1969	3353
8C80E	1848	2953
8C85E	1795	2788
8C90F	1747	2639
8C95F	1702	2506
8C100F	1661	2385
8C105F	1622	2276
8C110F	1586	2176
8C120F	1521	2001
8C130F	1463	1851
8C140F	1411	1723
8C150F	1365	1611
8C160F	1323	1513
8C180F	1249	1348
8C200J	1186	1216
8C240J	1084	1017
8C270J	1023	905
8C300J	971	816
8C360M	888	682
8C440M	804	559
8C500M	754	492

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
10C80E	1660	2953
10C85E	1613	2788
10C90J	1570	2639
10C95J	1529	2506
10C100J	1492	2385
10C105J	1458	2276
10C110J	1425	2176
10C120J	1367	2001
10C130J	1315	1851
10C140J	1268	1723
10C160J	1188	1513
10C180J	1122	1348
10C200J	1065	1216
10C240M	974	1017
10C300M	873	816
10C360M	798	682
10C440M	722	559
10C500M	678	492

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MAX RPM & DYNAMIC BALANCE CHART

MASTERDRIVE™

3V SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
1/3V220JA	12067	11277
1/3V235JA	11675	10557
1/3V250JA	11320	9924
1/3V265JA	10995	9362
1/3V280JA	10696	8860
1/3V300JA	10333	8270
1/3V315JA	10084	7976
1/3V335JA	9779	7406
1/3V365SH	9368	6797
1/3V412SH	8818	6022
1/3V450SH	8437	5513
1/3V475SH	8212	5223
1/3V500SH	8004	4962
1/3V530SH	7774	4681
1/3V560SH	7563	4430
1/3V600SH	7307	4135
1/3V650SH	7020	3817
1/3V690SH	6814	3596
1/3V800SDS	6328	3101
1/3V1060SDS	5497	2340
1/3V1400SK	4596	1772
1/3V1900SK	3945	1306

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
2/3V220JA	9992	11277
2/3V235JA	9668	10557
2/3V250JA	9374	9924
2/3V265JA	9104	9362
2/3V280JA	8857	8860
2/3V300JA	8557	8270
2/3V315JA	8351	7976
2/3V335SH	8097	7406
2/3V365SH	7758	6797
2/3V412SH	7302	6022
2/3V450SH	6987	5513
2/3V475SH	6800	5223
2/3V500SH	6628	4962
2/3V530SH	6438	4681
2/3V560SH	6263	4430
2/3V600SH	6051	4135
2/3V650SDS	5813	3817
2/3V690SDS	5642	3596
2/3V800SDS	5240	3101
2/3V1060SK	4552	2340
2/3V1400SK	3961	1772
2/3V1900SK	3400	1306
2/3V2500SF	2964	992

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
3/3V250JA	8004	9924
3/3V265JA	7774	9362
3/3V280JA	7563	8860
3/3V300SH	7307	8270
3/3V315SH	7131	7976
3/3V335SH	6915	7406
3/3V365SH	6624	6797
3/3V412SH	6235	6022
3/3V450SDS	5966	5513
3/3V475SDS	5807	5223
3/3V500SDS	5660	4962
3/3V530SDS	5497	4681
3/3V560SDS	5348	4430
3/3V600SDS	5167	4135
3/3V650SDS	4964	3817
3/3V690SDS	4818	3596
3/3V800SK	4474	3101
3/3V1060SK	3887	2340
3/3V1400SK	3382	1772
3/3V1900SF	2903	1306
3/3V2500SF	2531	992
3/3V3350SF	2187	741

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MASTERDRIVE™

3V SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
4/3V265JA	6896	9362
4/3V280JA	6709	8860
4/3V300SH	6482	8270
4/3V315SH	6325	7976
4/3V335SH	6134	7406
4/3V365SH	5876	6797
4/3V412SH	5531	6022
4/3V450SDS	5292	5513
4/3V475SDS	5151	5223
4/3V500SDS	5021	4962
4/3V530SDS	4876	4681
4/3V560SDS	4744	4430
4/3V600SK	4583	4135
4/3V650SK	4403	3817
4/3V690SK	4274	3596
4/3V800SK	3969	3101
4/3V1060SK	3448	2340
4/3V1400SK	3000	1772
4/3V1900SF	2576	1306
4/3V2500SF	2245	992
4/3V3350E	1940	741

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
5/3V475SDS	4677	5223
5/3V500SDS	4558	4962
5/3V530SK	4427	4681
5/3V560SK	4307	4430
5/3V600SK	4161	4135
5/3V650SK	3998	3817
5/3V690SK	3880	3596
5/3V800SK	3604	3101
5/3V1060SK	3131	2340
5/3V1400SF	2724	1772
5/3V1900SF	2338	1306
5/3V2500E	2039	992
5/3V3350E	1761	741

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
6/3V475SK	4313	5223
6/3V500SK	4204	4962
6/3V530SK	4083	4681
6/3V560SK	3972	4430
6/3V600SK	3838	4135
6/3V650SK	3687	3817
6/3V690SK	3579	3596
6/3V800SK	3324	3101
6/3V1060SF	2887	2340
6/3V1400SF	2512	1772
6/3V1900E	2157	1306
6/3V2500E	1880	992
6/3V3350E	1624	741

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MAX RPM & DYNAMIC BALANCE CHART

MASTERDRIVE™

3V SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
7/3V475SK	4023	5223
7/3V500SK	3921	4962
7/3V530SK	3809	4681
7/3V560SK	3705	4430
7/3V600SK	3580	4135
7/3V650SK	3439	3817
7/3V690SK	3338	3596
7/3V800SF	3100	3101
7/3V1060SF	2693	2340
7/3V1400E	2343	1772
7/3V1900E	2012	1306

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
8/3V475SK	3785	5223
8/3V500SK	3689	4962
8/3V530SK	3583	4681
8/3V560SK	3486	4430
8/3V600SK	3367	4135
8/3V650SK	3235	3817
8/3V690SK	3140	3596
8/3V800SF	2916	3101
8/3V1060SF	2533	2340
8/3V1400E	2204	1772
8/3V1900E	1892	1306
8/3V2500E	1650	992
8/3V3350F	1425	741

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
10/3V475SK	3412	5223
10/3V500SK	3326	4962
10/3V530SK	3230	4681
10/3V560SK	3143	4430
10/3V600SK	3036	4135
10/3V650SK	2917	3817
10/3V690SK	2831	3596
10/3V800SF	2629	3101
10/3V1060E	2284	2340
10/3V1400E	1988	1772
10/3V1900E	1706	1306
10/3V2500F	1487	992
10/3V3350F	1285	741

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MAX RPM & DYNAMIC BALANCE CHART

MASTERDRIVE™

5V SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
2/5V440SH	5688	5638
2/5V465SDS	5533	5335
2/5V490SDS	5390	5063
2/5V520SDS	5232	4771
2/5V550SDS	5088	4511
2/5V590SDS	4912	4205
2/5V630SK	4754	3938
2/5V670SK	4610	3703
2/5V710SK	4478	3494
2/5V750SK	4357	3308
2/5V800SK	4219	3101
2/5V850SK	4093	2919
2/5V900SK	3977	2757
2/5V925SK	3923	2682
2/5V975SK	3821	2545
2/5V1030SK	3718	2409
2/5V1090SK	3614	2276
2/5V1130SK	3550	2196
2/5V1180SK	3474	2102
2/5V1250SF	3375	1985
2/5V1320SF	3284	1879
2/5V1400SF	3189	1772
2/5V1500SF	3081	1654
2/5V1600SF	2983	1551
2/5V1870SF	2759	1327
2/5V2120SF	2591	1170
2/5V2360E	2456	1051
2/5V2800E	2255	886

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
3/5V440SDS	4975	5638
3/5V465SDS	4664	5335
3/5V490SDS	4544	5063
3/5V520SDS	4411	4771
3/5V550SDS	4289	4511
3/5V590SDS	4141	4205
3/5V630SK	4007	3938
3/5V670SK	3886	3703
3/5V710SF	3775	3494
3/5V750SF	3673	3308
3/5V800SF	3556	3101
3/5V850SF	3450	2919
3/5V900SF	3353	2757
3/5V925SF	3307	2682
3/5V975SF	3221	2545
3/5V1030SF	3134	2409
3/5V1090SF	3046	2276
3/5V1130SF	2992	2196
3/5V1180SF	2928	2102
3/5V1250E	2845	1985
3/5V1320E	2768	1879
3/5V1400E	2688	1772
3/5V1500E	2597	1654
3/5V1600E	2514	1551
3/5V1870E	2326	1327
3/5V2120E	2184	1170
3/5V2360E	2070	1051
3/5V2800E	1901	886
3/5V3150F	1792	788
3/5V3750F	1642	662
3/5V5000F	1422	496

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
4/5V440SD	4222	5638
4/5V465SD	4107	5335
4/5V490SD	4001	5063
4/5V520SD	3884	4771
4/5V550SD	3777	4511
4/5V590SD	3646	4205
4/5V630SK	3529	3938
4/5V670SK	3422	3703
4/5V710SF	3324	3494
4/5V750SF	3234	3308
4/5V800E	3131	3101
4/5V850E	3038	2919
4/5V900E	2952	2757
4/5V925E	2912	2682
4/5V975E	2837	2545
4/5V1030E	2760	2409
4/5V1090E	2683	2276
4/5V1130E	2635	2196
4/5V1180E	2578	2102
4/5V1250E	2505	1985
4/5V1320E	2438	1879
4/5V1400E	2367	1772
4/5V1500E	2287	1654
4/5V1600E	2214	1551
4/5V1870E	2048	1327
4/5V2120E	1924	1170
4/5V2360F	1823	1051
4/5V2800F	1674	886
4/5V3150F	1578	788
4/5V3750F	1446	662
4/5V5000J	1253	496

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MAX RPM & DYNAMIC BALANCE CHART

MASTERDRIVE™

5V SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
5/5V440SD	3816	5638
5/5V465SD	3712	5335
5/5V490SD	3616	5063
5/5V520SD	3510	4771
5/5V550SD	3413	4511
5/5V590SK	3295	4205
5/5V630SK	3189	3938
5/5V670SF	3092	3703
5/5V710SF	3004	3494
5/5V750SF	2923	3308
5/5V800E	2830	3101
5/5V850E	2745	2919
5/5V900E	2668	2757
5/5V925E	2632	2682
5/5V975E	2563	2545
5/5V1030E	2494	2409
5/5V1090E	2424	2276
5/5V1130E	2381	2196
5/5V1180E	2330	2102
5/5V1250E	2264	1985
5/5V1320E	2203	1879
5/5V1400E	2139	1772
5/5V1500E	2067	1654
5/5V1600E	2001	1551
5/5V1870F	1851	1327
5/5V2120F	1738	1170
5/5V2360F	1648	1051
5/5V2800F	1513	886
5/5V3150J	1426	788
5/5V3750J	1307	662
5/5V5000J	1132	496

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
6/5V440SD	3508	5638
6/5V465SD	3412	5335
6/5V490SD	3324	5063
6/5V520SD	3227	4771
6/5V550SD	3137	4511
6/5V590SK	3029	4205
6/5V630SK	2932	3938
6/5V670SF	2843	3703
6/5V710SF	2761	3494
6/5V750SF	2687	3308
6/5V800E	2601	3101
6/5V850E	2524	2919
6/5V900E	2453	2757
6/5V925E	2419	2682
6/5V975E	2356	2545
6/5V1030E	2293	2409
6/5V1090E	2229	2276
6/5V1130E	2189	2196
6/5V1180E	2142	2102
6/5V1250F	2081	1985
6/5V1320F	2025	1879
6/5V1400F	1967	1772
6/5V1500F	1900	1654
6/5V1600F	1840	1551
6/5V1870F	1702	1327
6/5V2120F	1598	1170
6/5V2360J	1515	1051
6/5V2800J	1391	886
6/5V3150J	1311	788
6/5V3750J	1202	662
6/5V5000M	1041	496

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
7/5V710SF	2570	3494
7/5V750SF	2500	3308
7/5V800E	2421	3101
7/5V850E	2348	2919
7/5V900E	2282	2757
7/5V925F	2251	2682
7/5V975F	2193	2545
7/5V1030F	2133	2409
7/5V1090F	2074	2276
7/5V1130F	2037	2196
7/5V1180F	1993	2102
7/5V1250F	1937	1985
7/5V1320F	1885	1879
7/5V1400F	1830	1772
7/5V1500F	1768	1654
7/5V1600F	1712	1551
7/5V1870J	1583	1327

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MASTERDRIVE™

5V SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
8/5V710SF	2413	3494
8/5V750SF	2348	3308
8/5V800E	2273	3101
8/5V850E	2205	2919
8/5V900E	2143	2757
8/5V925F	2114	2682
8/5V975F	2059	2545
8/5V1030F	2003	2409
8/5V1090F	1947	2276
8/5V1130F	1913	2196
8/5V1180F	1872	2102
8/5V1250F	1818	1985
8/5V1320F	1770	1879
8/5V1400F	1718	1772
8/5V1500F	1660	1654
8/5V1600F	1607	1551
8/5V1870J	1487	1327
8/5V2120J	1396	1170
8/5V2360J	1323	1051
8/5V2800J	1215	886
8/5V3150M	1145	788
8/5V3750M	1050	662
8/5V5000M	909	496

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
10/5V800E	2044	3101
10/5V850E	1983	2919
10/5V900F	1927	2757
10/5V925F	1901	2682
10/5V975F	1852	2545
10/5V1030F	1801	2409
10/5V1090F	1751	2276
10/5V1130F	1720	2196
10/5V1180F	1683	2102
10/5V1250J	1635	1985
10/5V1320J	1591	1879
10/5V1400J	1545	1772
10/5V1500J	1493	1654
10/5V1600J	1445	1551
10/5V1870J	1337	1327
10/5V2120J	1256	1170
10/5V2360M	1190	1051
10/5V2800M	1093	886
10/5V3150M	1030	788
10/5V3750M	944	662
10/5V5000M	818	496

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MAX RPM & DYNAMIC BALANCE CHART

MASTERDRIVE™

8V SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
4/8V1250F	1986	1985
4/8V1320F	1932	1879
4/8V1400F	1876	1772
4/8V1500F	1813	1654
4/8V1600F	1755	1551
4/8V1700F	1703	1459
4/8V1800F	1655	1378
4/8V1900F	1611	1306
4/8V2000J	1570	1240
4/8V2120J	1525	1170
4/8V2240J	1483	1108
4/8V2480M	1410	1000
4/8V3000M	1282	827
4/8V3550M	1178	699
4/8V4000M	1110	620
4/8V4450M	1052	558
4/8V5000M	964	468

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
5/8V1250F	1790	1985
5/8V1320F	1742	1879
5/8V1400F	1691	1772
5/8V1500F	1634	1654
5/8V1600F	1582	1551
5/8V1700J	1535	1459
5/8V1800J	1491	1378
5/8V1900J	1452	1306
5/8V2000J	1415	1240
5/8V2120J	1374	1170
5/8V2240M	1337	1108
5/8V2480M	1271	1000
5/8V3000M	1155	827
5/8V3550M	1062	699
5/8V4000M	1001	620
5/8V4450N	949	558
5/8V5300N	869	468

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
6/8V1250F	1642	1985
6/8V1320F	1598	1879
6/8V1400F	1552	1772
6/8V1500J	1499	1654
6/8V1600J	1452	1551
6/8V1700J	1408	1459
6/8V1800J	1369	1378
6/8V1900J	1332	1306
6/8V2000M	1298	1240
6/8V2120M	1261	1170
6/8V2240M	1227	1108
6/8V2480M	1166	1000
6/8V3000M	1060	827
6/8V3550N	975	699
6/8V4000N	918	620
6/8V4450N	870	558
6/8V5300N	798	468
6/8V6300P	732	394
6/8V7100P	689	349

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MASTERDRIVE™

8V SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
7/8V1250J	1526	1985
7/8V1320J	1485	1879
7/8V1400J	1442	1772
7/8V1500J	1393	1654
7/8V1600J	1349	1551
7/8V1700M	1309	1459
7/8V1800M	1272	1378
7/8V1900M	1238	1306
7/8V2000M	1207	1240

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
8/8V1250J	1432	1985
8/8V1320J	1393	1879
8/8V1400J	1353	1772
8/8V1500J	1307	1654
8/8V1600J	1266	1551
8/8V1700M	1228	1459
8/8V1800M	1193	1378
8/8V1900M	1161	1306
8/8V2000M	1132	1240
8/8V2120M	1099	1170
8/8V2240M	1070	1108
8/8V2480N	1017	1000
8/8V3000N	924	827
8/8V3550N	850	699
8/8V4000N	800	620
8/8V4450P	759	558
8/8V5300P	695	468
8/8V6300P	638	394
8/8V7100W	601	349

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
10/8V1250J	1286	1985
10/8V1320J	1251	1879
10/8V1400J	1215	1772
10/8V1500M	1174	1654
10/8V1600M	1137	1551
10/8V1700M	1103	1459
10/8V1800M	1072	1378
10/8V1900M	1043	1306
10/8V2000M	1017	1240
10/8V2120M	987	1170
10/8V2240N	961	1108
10/8V2480N	913	1000
10/8V3000N	830	827
10/8V3550P	763	699
10/8V4000P	719	620
10/8V4450P	681	558
10/8V5300P	625	468
10/8V6300W	573	394
10/8V7100W	540	349

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.

MASTERDRIVE

8V SECTION QD SHEAVES

Part#	Max RPM for Static Balancing	Max RPM for Cast Iron
12/8V1250M	1177	1985
12/8V1320M	1145	1879
12/8V1400M	1112	1772
12/8V1500M	1074	1654
12/8V1600M	1040	1551
12/8V1700M	1009	1459
12/8V1800M	981	1378
12/8V1900N	955	1306
12/8V2000N	930	1240
12/8V2120N	904	1170
12/8V2240N	879	1108
12/8V2480N	836	1000
12/8V3000P	760	827
12/8V3550P	698	699
12/8V3550W	698	699
12/8V4000P	658	620
12/8V4450P	624	558
12/8V5300W	572	468
12/8V6300W	524	394
12/8V7100W	494	349

Dynamic balancing is recommended for speeds equal to or greater than the Max RPM for Static Balancing listed for each sheave.

If the RPM of a sheave exceeds the Max RPM for Cast Iron listed Please Consult Factory

Note: To insure balance accuracy, the sheave and bushing that will be used on the drive should be balanced as an assembly.