

Marathon™ Terramax™ SCA (IE2) Motors At 50°C AMB

May 2025
India

Industrial Motors

Commercial &
Appliance Motors

Automation

Digital &
Systems

Energy

Transmission &
Distribution

Coatings





MARATHON™ TERRAMAX™ SCA (IE2) MOTORS 50°C AMB Ready For Tough Environments & Industrial Applications

TerraMAX SCA Series motors are IE2 efficient Totally Enclosed Fan Cooled (TEFC) cast iron motors built on the TerraMAX low voltage motor platform. The SCA series motors inherit the state of the art premium features of the TerraMAX motor platform family. The rugged construction of SCA motors aims to meet the general industry requirement for every tough and demanding application.

SPECIFICATIONS

- Output: 0.75kW to 375kW (1HP to 500HP)
- Pole: 2 to 8 Pole
- Frame: IEC®* 80 – 355
- Standards: Confirms to IS 12065 / IEC 60034
- Supply: Standard 415V , 50 Hz (Voltages 200V to 690V and frequency 60Hz on request)
- Ambient: 50°C (Higher ambient on request)
- Construction: Cast Iron with Integrally Cast Feet
- Drive Suitability: Suitable for variable torque duty (10:1)
- Terminal Box: Sheet metal up to 225, Cast Iron for 250 and above
- Connection: ≤ 3kW: Star Connection, > 3kW: Delta Connection
- Protection: IP55 (Higher degree protection on request)
- Insulation: Class F with Class B temperature rise
- Bearings: Ball bearing (roller & insulated bearing on request)
- Fan: Bi-directional fan
- Mounting: All standard mountings B3, B5, B35, V1 (B14 and B34 for IEC 80-132)

OPTIONAL ACCESSORIES

Space heater, RTD (for IEC 200 and above), BTD (for IEC 160 and above), Cable glands, Brakes (IEC 180 and above), Encoders and canopy for V1 mounting. For additional details, please contact our technical support team

APPLICATIONS

- | | |
|---------------------|------------------------------|
| ■ Pumps | ■ Packing equipments |
| ■ Machine tools | ■ Compressors |
| ■ Crane & hoist | ■ Plastic extruder |
| ■ Agitator | ■ Stone Processing Machinery |
| ■ Fans | ■ Oil Expeller |
| ■ Material handling | |
| ■ Textile Machinery | |

CERTIFICATIONS (ON REQUEST)



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2 POLE													
Model Number	Frame	Rated (kW)	Speed (RPM)	Full Load Amp 415V	Power factor	Efficiency			Starting Current (I _{LR} /I _{RATED})	Starting Torque (T _{LR} /T _{RATED})	Breakdown Torque (T _{BD} /T _{RATED})	Moment of Inertia (kgm ²)	Weight (kg)
						100%	75%	50%					
SCAP751A3111GAAD01	80M	0.75	2825	1.6	0.83	77.4	77.4	75.8	6.3	2.7	2.8	0.0008	16.0
SCA1P11A3111GAAD01	80M	1.1	2825	2.3	0.84	79.6	79.6	78.8	6.3	2.6	2.8	0.0010	17.0
SCA1P51A3111GAAD01	90S	1.5	2869	3.0	0.86	81.3	81.3	80.2	6.6	3.0	3.1	0.0018	23.1
SCA2P21A3111GAAD01	90L	2.2	2868	4.2	0.88	83.2	83.2	83.0	7.2	3.5	3.2	0.0023	27.0
SCA3P71A3111GAAD01	100L	3.7	2874	6.5	0.92	85.5	85.5	86.6	7.0	3.4	3.2	0.0044	42
SCA5P51A3111GAAD01	132S	5.5	2908	9.5	0.93	87.0	87.0	88.0	7.7	2.5	3.1	0.0140	70
SCA7P51A3111GAAD01	132S	7.5	2906	12.6	0.94	88.1	88.1	88.8	7.8	2.5	3.1	0.0155	74
SCA0111A3111GAAD01	160M	11	2940	19.2	0.89	89.4	89.4	88.2	7.5	2.4	2.9	0.0430	117
SCA0151A3111GAAD01	160M	15	2940	26.0	0.89	90.3	90.3	89.1	7.5	2.6	3.0	0.0520	127
SCA18P1A3111GAAD01	160L	18.5	2940	31.5	0.90	90.9	90.9	89.8	7.5	2.9	3.1	0.0650	149
SCA0221A3111GAAD01	180M	22	2946	36.4	0.92	91.3	91.3	91.8	7.2	2.4	3.2	0.0928	196
SCA0301A3111GAAD01	200L	30	2953	50.4	0.90	92.0	92.0	91.5	6.3	1.9	3.0	0.1687	258
SCA0371A3111GAAD01	200L	37	2953	61.8	0.90	92.5	92.5	92.2	6.5	2.0	3.1	0.1867	273
SCA0451A3111GAAD01	225M	45	2968	74.9	0.90	92.9	92.9	93.2	6.5	1.9	3.0	0.3376	383
SCA0551A3113GAAD01	250M	55	2973	92.2	0.89	93.2	93.2	92.8	6.7	1.9	3.2	0.4602	477
SCA0751A3113GAAD01	280S	75	2978	123.6	0.90	93.8	93.8	93.1	7.2	2.0	3.4	0.7438	609
SCA0901A3113GAAD01	280M	90	2979	147.8	0.90	94.1	94.1	93.6	7.6	2.3	3.5	0.8662	677
SCA1101A3113GAAD01	315S	110	2980	180.3	0.90	94.3	94.3	92.4	6.4	1.8	3.1	1.9330	908
SCA1321A3113GAAD01	315M	132	2980	213.3	0.91	94.6	94.6	93.0	6.3	1.8	3.0	2.1620	960
SCA1601A3113GAAD01	315L	160	2980	258.0	0.91	94.8	94.8	93.7	6.2	1.8	2.9	2.3716	1058
SCA2001A3113GAAD01	315L	200	2984	321.9	0.91	95.0	95.0	94.4	7.3	2.3	3.4	3.0911	1231
SCA2501A3113GAAD01	355M	250	2983	406.8	0.90	95.0	95.0	94.2	6.9	2.0	3.3	4.0729	1717
SCA3151A3113GAAD01	355L	315	2984	512.6	0.90	95.0	95.0	94.9	7.0	2.1	3.3	4.7428	1856
SCA3551A3113GAAD01	355L	355	2987	584.1	0.89	95.0	95.0	95.0	8.6	2.8	3.9	5.7956	2083
SCA3751A3113GAAD01	355L	375	2986	610.2	0.90	95.0	95.0	95.2	8.1	2.6	3.7	5.7956	2083

4 POLE													
Model Number	Frame	Rated (kW)	Speed (RPM)	Full Load Amp 415V	Power factor	Efficiency			Starting Current (I _{LR} /I _{RATED})	Starting Torque (T _{LR} /T _{RATED})	Breakdown Torque (T _{BD} /T _{RATED})	Moment of Inertia (kgm ²)	Weight (kg)
						100%	75%	50%					
SCAP752A3111GAAD01	80M	0.75	1415	1.7	0.75	79.6	79.6	77.2	5.8	3.1	3.3	0.0020	15.0
SCA1P12A3111GAAD01	90S	1.1	1438	2.4	0.80	81.4	81.4	78.7	6.1	2.6	2.5	0.0034	24.6
SCA1P52A3111GAAD01	90L	1.5	1434	3.2	0.80	82.8	82.8	80.1	6.1	2.8	2.5	0.0039	27.4
SCA2P22A3111GAAD01	100L	2.2	1441	4.5	0.81	84.3	84.3	82.3	6.4	2.7	3.0	0.0062	35
SCA0032A3111GAAD01	100L	3	1434	5.8	0.84	85.5	85.5	85.3	6.4	2.8	3.0	0.0074	38
SCA3P72A3111GAAD01	112M	3.7	1445	6.9	0.87	86.3	86.3	87.3	6.0	2.3	2.6	0.0145	48
SCA0042A3111GAAD01	112M	4	1450	7.7	0.84	86.6	86.6	86.5	7.3	2.7	3.0	0.0145	48
SCA5P52A3111GAAD01	132S	5.5	1444	10.1	0.86	87.7	87.7	89.0	7.1	2.7	3.0	0.0228	75
SCA7P52A3111GAAD01	132M	7.5	1451	14.0	0.84	88.7	88.7	88.9	8.3	3.4	3.5	0.0270	84
SCA0112A3111GAAD01	160M	11	1465	20.3	0.84	89.8	89.8	88.4	6.8	2.3	2.7	0.0900	122
SCA0152A3111GAAD01	160L	15	1465	27.1	0.85	90.6	90.6	89.3	6.5	2.4	2.6	0.1180	140
SCA18P2A3111GAAD01	180M	18.5	1469	32.4	0.87	91.2	91.2	91.7	6.2	2.2	2.7	0.1433	193
SCA0222A3111GAAD01	180L	22	1471	38.9	0.86	91.6	91.6	91.8	6.8	2.5	3.0	0.1694	215
SCA0302A3111GAAD01	200L	30	1471	53.2	0.85	92.3	92.3	93.0	6.2	2.2	2.8	0.2616	269
SCA0372A3111GAAD01	225S	37	1477	63.8	0.87	92.7	92.7	93.6	6.2	2.0	2.7	0.5062	344
SCA0452A3111GAAD01	225M	45	1475	77.3	0.87	93.1	93.1	94.0	6.2	2.1	2.7	0.5637	369
SCA0552A3113GAAD01	250M	55	1482	95.2	0.86	93.5	93.5	93.9	6.8	2.3	2.8	0.7712	484
SCA0752A3113GAAD01	280S	75	1483	126.1	0.88	94.0	94.0	94.0	5.8	1.8	2.6	1.6327	648
SCA0902A3113GAAD01	280M	90	1485	152.8	0.87	94.2	94.2	94.2	6.8	2.2	3.0	1.8419	721
SCA1102A3113GAAD01	315S	110	1485	184.0	0.88	94.5	94.5	94.9	5.7	1.6	2.6	2.9316	886
SCA1322A3113GAAD01	315M	132	1486	220.4	0.88	94.7	94.7	95.1	6.2	1.8	2.8	3.2416	937
SCA1602A3113GAAD01	315L	160	1487	266.5	0.88	94.9	94.9	95.5	6.3	1.9	2.8	3.9773	1086
SCA2002A3113GAAD01	315L	200	1486	328.7	0.89	95.1	95.1	95.9	6.1	1.9	2.6	5.0623	1243
SCA2502A3113GAAD01	355M	250	1490	410.9	0.89	95.1	95.1	95.7	6.5	1.9	2.5	8.4434	1728
SCA3152A3113GAAD01	355L	315	1489	517.8	0.89	95.1	95.1	96.1	6.2	1.8	2.3	9.2132	1813
SCA3552A3113GAAD01	355L	355	1490	577.0	0.90	95.1	95.1	96.2	6.9	2.1	2.5	10.945	1978
SCA3752A3113GAAD01	355L	375	1490	609.6	0.90	95.1	95.1	96.3	6.6	2.1	2.4	11.138	2003
SCA3552A3143GAAD01	355L	355	1490	577.0	0.90	95.1	95.1	96.2	6.9	2.1	2.5	10.945	1978
SCA3752A3143GAAD01	355L	375	1490	609.6	0.90	95.1	95.1	96.3	6.6	2.1	2.4	11.138	2003

The values shown are subject to change without prior notice.
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For more information, refer to manufacturer.

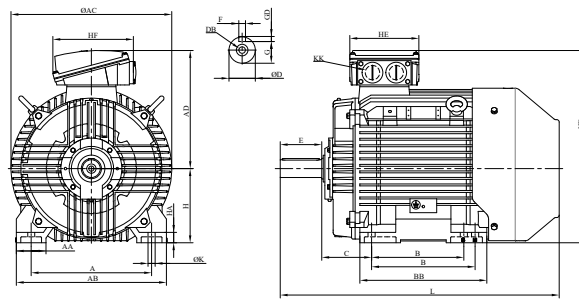


6 POLE													
Model Number	Frame	Rated (kW)	Speed (RPM)	Full Load Amp 415V	Power factor	Efficiency			Starting Current (I _{LR} /I _{RATED})	Starting Torque (T _{LR} /T _{RATED})	Breakdown Torque (T _{BD} /T _{RATED})	Moment of Inertia (kgm ²)	Weight (kg)
						100%	75%	50%					
SCAP753A3111GAAD01	90S	0.75	913	1.8	0.77	75.9	75.9	75.1	3.9	2.2	2.2	0.0036	22.9
SCA1P13A3111GAAD01	90L	1.1	912	2.6	0.76	78.1	78.1	77.5	4.1	2.4	2.4	0.0048	27.0
SCA1P53A3111GAAD01	100L	1.5	931	3.4	0.77	79.8	79.8	79.0	4.8	2.7	2.7	0.0058	37
SCA2P23A3111GAAD01	112M	2.2	962	4.8	0.78	81.8	81.8	80.2	6.0	2.3	2.6	0.0180	44
SCA0033A3111GAAD01	132S	3	957	6.4	0.78	83.3	83.3	83.6	6.1	2.5	2.8	0.0211	69
SCA3P73A3111GAAD01	132S	3.7	955	7.9	0.77	84.3	84.3	85.3	6.0	2.6	2.8	0.0256	76
SCA0043A3111GAAD01	132M	4	953	8.3	0.79	84.6	84.6	85.1	6.0	2.6	2.7	0.0256	78
SCA5P53A3111GAAD01	132M	5.5	956	11.6	0.77	86.0	86.0	85.3	6.7	3.1	3.2	0.0332	90
SCA7P53A3111GAAD01	160M	7.5	970	15.5	0.77	87.2	87.2	86.2	5.9	2.4	3.6	0.1140	119
SCA0113A3111GAAD01	160L	11	970	22.1	0.78	88.7	88.7	87.3	5.8	2.4	3.4	0.1530	139
SCA0153A3111GAAD01	180L	15	974	28.4	0.82	89.7	89.7	89.4	5.3	2.0	2.3	0.1992	201
SCA18P3A3111GAAD01	200L	18.5	977	34.3	0.83	90.4	90.4	90.9	5.1	1.7	2.1	0.3254	249
SCA0223A3111GAAD01	200L	22	977	40.6	0.83	90.9	90.9	91.4	5.3	1.8	2.2	0.3694	266
SCA0303A3111GAAD01	225M	30	983	54.8	0.83	91.7	91.7	92.6	5.6	2.0	2.3	0.7554	375
SCA0373A3113GAAD01	250M	37	987	66.5	0.84	92.2	92.2	92.2	6.7	2.3	2.9	1.0661	474
SCA0453A3113GAAD01	280S	45	984	78.5	0.86	92.7	92.7	93.6	5.7	2.0	2.4	1.9403	616
SCA0553A3113GAAD01	280M	55	984	95.6	0.86	93.1	93.1	93.9	5.7	2.0	2.3	2.2355	677
SCA0753A3113GAAD01	315S	75	989	134.2	0.83	93.7	93.7	94.4	5.1	1.6	2.2	3.3734	822
SCA0903A3113GAAD01	315M	90	990	160.5	0.83	94.0	94.0	94.7	5.2	1.7	2.2	3.9282	888
SCA1103A3113GAAD01	315L	110	990	193.2	0.84	94.3	94.3	95.0	5.4	1.8	2.2	4.7728	1012
SCA1323A3113GAAD01	315L	132	990	231.1	0.84	94.6	94.6	95.2	5.5	1.9	2.2	5.4662	1080
SCA1603A3113GAAD01	355M	160	991	273.0	0.86	94.8	94.8	95.5	6.1	1.9	2.5	8.5699	1609
SCA2003A3113GAAD01	355M	200	991	340.6	0.86	95.0	95.0	95.8	6.0	1.9	2.4	9.9148	1724
SCA2503A3113GAAD01	355L	250	991	420.8	0.87	95.0	95.0	95.7	6.1	2.0	2.4	11.708	1867

8 POLE													
Model Number (Top Mounting)	Frame	Rated (kW)	Speed (RPM)	Full Load Amp 415V	Power factor	Efficiency			Starting Current (I _{LR} /I _{RATED})	Starting Torque (T _{LR} /T _{RATED})	Breakdown Torque (T _{BD} /T _{RATED})	Moment of Inertia (kgm ²)	Weight (kg)
						100%	75%	50%					
SCAP754A3111GAAD01	100L	0.75	723	2.4	0.66	66.2	66.2	66.2	4.7	1.8	2.7	0.0149	36
SCA1P14A3111GAAD01	100L	1.1	722	3.3	0.66	70.8	70.8	70.8	4.9	2.0	2.7	0.0172	39
SCA1P54A3111GAAD01	112M	1.5	718	4.3	0.66	74.1	74.1	72.5	4.4	2.0	2.4	0.0200	52
SCA2P24A3111GAAD01	132S	2.2	709	5.7	0.69	77.6	77.6	76.9	4.0	1.9	2.2	0.0640	79
SCA0034A3111GAAD01	132M	3	706	7.6	0.69	80.0	80.0	79.5	4.1	2.0	2.3	0.0764	90
SCA3P74A3111GAAD01	160M	3.7	715	9.0	0.70	81.4	81.4	81.4	6.0	1.9	2.1	0.0890	102
SCA0044A3111GAAD01	160M	4	715	9.7	0.70	81.9	81.9	81.4	6.0	1.9	2.1	0.0890	102
SCA5P54A3111GAAD01	160M	5.5	720	12.7	0.72	83.8	83.8	83.3	6.0	2.0	2.1	0.1090	115
SCA7P54A3111GAAD01	160L	7.5	720	16.8	0.73	85.3	85.3	84.6	6.0	2.0	2.1	0.1450	135
SCA0114A3111GAAD01	180L	11	723	25.2	0.70	86.9	86.9	86.8	4.5	2.0	2.1	0.3646	236
SCA0154A3111GAAD01	200L	15	730	32.5	0.73	88.0	88.0	89.0	6.1	1.9	3.0	0.7327	300
SCA18P4A3111GAAD01	225S	18.5	737	40.9	0.71	88.6	88.6	89.1	4.7	1.9	2.4	1.0859	403
SCA0224A3111GAAD01	225M	22	736	46.4	0.74	89.1	89.1	89.7	4.3	1.7	2.1	1.1908	426
SCA0304A3113GAAD01	250M	30	738	60.4	0.77	89.8	89.8	90.8	4.9	1.9	2.3	2.1617	552
SCA0374A3113GAAD01	280S	37	738	77.0	0.74	90.3	90.3	92.6	4.6	1.9	2.3	3.2584	691
SCA0454A3113GAAD01	280M	45	738	86.3	0.80	90.7	90.7	93.1	4.7	1.9	2.1	3.5326	743
SCA0554A3113GAAD01	315S	55	742	116.8	0.72	91.0	91.0	91.3	4.3	1.8	2.0	3.7895	853
SCA0754A3113GAAD01	315M	75	743	156.0	0.73	91.6	91.6	92.1	4.4	1.9	2.0	4.8296	959
SCA0904A3113GAAD01	315L	90	743	184.1	0.74	91.9	91.9	92.5	4.5	1.9	2.0	5.6618	1042
SCA1104A3113GAAD01	355M	110	743	209.9	0.79	92.3	92.3	93.8	5.8	1.6	2.7	7.8323	1545
SCA1324A3113GAAD01	355M	132	743	247.9	0.80	92.6	92.6	94.2	5.9	1.6	2.6	8.9257	1636
SCA1504A3113GAAD01	355M	150	742	273.9	0.82	92.9	92.9	94.7	5.5	1.5	2.4	9.9098	1727
SCA1604A3113GAAD01	355M	160	743	299.2	0.80	93.0	93.0	94.4	6.1	1.8	2.7	10.466	1783
SCA2004A3113GAAD01	355L	200	742	358.5	0.83	93.5	93.5	95.1	5.8	1.7	2.5	13.190	2011
SCA2204A3113GAAD01	355L	220	743	394.4	0.83	93.5	93.5	95.1	5.9	1.7	2.5	14.721	2140

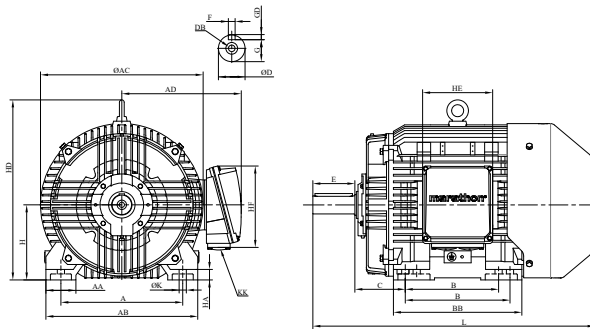
The values shown are subject to change without prior notice.
The information contained is reference values.

For more information, refer to manufacturer.



SCA - B3 TB TOP

Frame	Pole	A	AA	AB	AC	AD	B	BB	C	D	DB	E	F	GD	G	H	HA	HD	HE	HF	K	KK	L
80M	2-8P	125	30	152	182	162	100	125	50	19	M6	40	6	6	15.5	80	9	241	122	157	10	M20	281
90S	2-8P	140	35	165	199	170	100	125	56	24	M8	50	8	7	20	90	9	259	122	157	10	M20	307
90L	2-8P	140	35	165	199	170	100/125	150	56	24	M8	50	8	7	20	90	9	259	122	157	10	M20	332
100L	2-8P	160	32	192	229	183	140	170	63	28	M10	60	8	7	24	100	13	283	122	157	12	M20	398
112M	2-8P	190	38	222	256	194	140	170	70	28	M10	60	8	7	24	112	12	306	122	157	12	M25	399
132S	2-8P	216	40	255	295	227	140	172	89	38	M12	80	10	8	33	132	13	359	146	195	12	M25	465
132M	2-8P	216	40	255	295	227	140/178	210	89	38	M12	80	10	8	33	132	13	359	146	195	12	M25	503
160M	2-8P	254	65	315	352	260	210	244	108	42	M16	110	12	8	37	160	22	420	177	196	14.5	M32	622
160L	2-8P	254	65	315	352	260	210/254	288	108	42	M16	110	12	8	37	160	22	420	177	196	14.5	M32	666
180M	2-8P	279	75	354	399	282	241	322	121	48	M16	110	14	9	42.5	180	28	462	177	196	14.5	M32	712
180L	2-8P	279	75	354	399	282	241/279	360	121	48	M16	110	14	9	42.5	180	28	462	177	196	14.5	M32	750
200L	2-8P	318	80	398	446	330	305	361	133	55	M20	110	16	10	49	200	26	530	203	241	18.5	M40	769
225S	4-8P	356	90	446	491	355	286	380	149	60	M20	140	18	11	53	225	28	580	203	241	18.5	M40	837
225M	2P	356	90	446	491	355	286/311	405	149	55	M20	110	16	10	49	225	28	580	203	241	18.5	M40	832
225M	4-8P	356	90	446	491	355	286/311	405	149	60	M20	140	18	11	53	225	28	580	203	241	18.5	M40	862
250M	2P	406	100	506	542	398	311/349	428	168	60	M20	140	18	11	53	250	35	648	233	271	24	M50	941
250M	4-8P	406	100	506	542	398	311/349	428	168	65	M20	140	18	11	58	250	35	648	233	271	24	M50	941
280S	2P	457	100	557	595	422	368	519	190	65	M20	140	18	11	58	280	37.5	702	233	271	24	M50	1060
280S	4-8P	457	100	557	595	422	368	519	190	75	M20	140	20	12	67.5	280	37.5	702	233	271	24	M50	1060
280M	2P	457	100	557	595	422	368/419	570	190	65	M20	140	18	11	58	280	37.5	702	233	271	24	M50	1111
280M	4-8P	457	100	557	595	422	368/419	570	190	75	M20	140	20	12	67.5	280	37.5	702	233	271	24	M50	1111
315M	2P	508	120	628	652	519	406/457	607	216	65	M20	140	18	11	58	315	48.5	834	352	436	28	M63	1176
315M	4-8P	508	120	628	652	519	406/457	607	216	80	M20	170	22	14	71	315	48.5	834	352	436	28	M63	1206
315L	2P	508	120	628	652	519	457/508	718	216	65	M20	140	18	11	58	315	48.5	834	352	436	28	M63	1287
315L	4-8P	508	120	628	652	519	457/508	718	216	80	M20	170	22	14	71	315	48.5	834	352	436	28	M63	1317
355L	2P	610	120	730	762	643	560/630	770	254	75	M24	140	20	12	67.5	355	48	998	423	535	28	M63	1512
355L	4-8P	610	120	730	762	643	560/630	770	254	95	M24	170	25	14	86	355	48	998	423	535	28	M63	1542



SCA - B3 TB TOP

Frame	Pole	A	AA	AB	AC	AD	B	BB	C	D	DB	E	F	GD	G	H	HA	HD	HE	HF	K	KK	L
80M	2-8P	125	30	152	182	163	100	125	50	19	M6	40	6	6	15.5	80	9	174	131	150	10	M20	281
90S	2-8P	140	35	165	199	171	100	125	56	24	M8	50	8	7	20	90	9	190	131	150	10	M20	307
90L	2-8P	140	35	165	199	171	100/125	150	56	24	M8	50	8	7	20	90	9	190	131	150	10	M20	332
100L	2-8P	160	32	192	229	185	140	170	63	28	M10	60	8	7	24	100	13	254	131	150	12	M20	398
112M	2-8P	190	38	222	256	197	114/140	170	70	28	M10	60	8	7	24	112	12	276	131	150	12	M25	399
132S	2-8P	216	40	255	295	232	140	172	89	38	M12	80	10	8	33	132	13	322	161	180	12	M25	465
132M	2-8P	216	40	255	295	232	140/178	210	89	38	M12	80	10	8	33	132	13	322	161	180	12	M25	503
160M	2-8P	254	65	315	352	260	210	244	108	42	M16	110	12	8	37	160	22	388	177	196	14.5	M32	622
160L	2-8P	254	65	315	352	260	210/254	288	108	42	M16	110	12	8	37	160	22	388	177	196	14.5	M32	666
180M	2-8P	279	75	354	399	282	241	322	121	48	M16	110	14	9	42.5	180	30	447	177	196	14.5	M32	712
180L	2-8P	279	75	354	399	282	241/279	360	121	48	M16	110	14	9	42.5	180	28	447	177	196	14.5	M32	750
200L	2-8P	318	80	398	446	330	305/267	361	133	55	M20	110	16	10	49	200	23	492	203	241	18.5	M40	769
225S	4-8P	356	90	446	491	355	286	380	149	60	M20	140	18	11	53	225	29	546	203	241	18.5	M40	837
225M	2P	356	90	446	491	355	286/311	405	149	55	M20	110	16	10	49	225	29	546	203	241	18.5	M40	832
225M	4-8P	356	90	446	491	355	286/311	405	149	60	M20	140	18	11	53	225	29	546	203	241	18.5	M40	862
250M	2P	406	100	506	542	398	311/349	428	168	60	M20	140	18	11	53	250	35	600	233	271	24	M50	941
250M	4-8P	406	100	506	542	398	311/349	428	168	65	M20	140	18	11	58	250	35	600	233	271	24	M50	941
280S	2P	457	100	557	595	422	368	519	190	65	M20	140	18	11	58	280	38	680	233	271	24	M50	1060
280S	4-8P	457	100	557	595	422	368	519	190	75	M20	140	20	12	67.5	280	38	680	233	271	24	M50	1060
280M	2P	457	100	557	595	452	368/419	570	190	65	M20	140	18	11	58	280	38	680	233	271	24	M50	1111
280M	4-8P	457	100	557	595	452	368/419	570	190	75	M20	140	20	12	67.5	280	38	680	233	271	24	M50	1111
315M	2P	508	120	628	652	539	406/457	607	216	65	M20	140	18	11	58	315	48.5	736	352	436	28	M63	1176
315M	4-8P	508	120	628	652	539	406/457	607	216	80	M20	170	22	14	71	315	48.5	736	352	436	28	M63	1206
315L	2P	508	120	628	652	539	457/508	718	216	65	M20	140	18	11	58	315	48.5	736	352	436	28	M63	1287
315L	4-8P	508	120	628	652	539	457/508	718	216	80	M20	170	22	14	71	315	48.5	736	352	436	28	M63	1317
355L	2P	610	120	730	762	656	560/630	796	254	75	M24	140	20	12	67.5	355	48	864	423	535	28	M63	1512
355L	4-8P	610	120	730	762	656	560/630	796	254	95	M24	170	25	14	86	355	48	864	423	535	28	M63	1542

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