

Gold SERIES SINGLE OUTPUT

LINEAR REGULATED
AC-DC

SERIES A (High Performance)

- All Models U.L. Recognized
- 



Series A power supplies offer unusually high performance—many models have regulation of $\pm 0.005\%$. Electronic current limiting and provision for remote voltage sensing are standard features; overvoltage

protection is available as a built-in option. Rugged extruded aluminum cases include threaded mounting holes on bottom, back, and side, permitting mounting in any position.

SERIES A: HIGH PERFORMANCE POWER SUPPLIES

STANDARD FEATURES

- Provision for remote sensing and/or external output adjustment
- Short circuit proof with automatic recovery (electronic current limiting)
- Can be mounted on any of three surfaces (case sizes H8, H11 and H16; two surfaces)

SPECIFICATIONS

Input Voltage: 105-125 VAC, 50-400 Hz, single phase.

Output Specifications: See pages 48 and 49. Series A supplies have model numbers beginning with the letter A.

Remote Voltage Adjustment/Sensing: Provision for sensing the output voltage across the load, so that drops in the load line are compensated, is a standard feature. This feature also permits the use of an externally located potentiometer to adjust output voltage.

Polarity: Output is floating; either positive or negative terminal may be grounded or floated up to 300 volts above ground.

Temperature Coefficient: 0.015%/°C (Typical).

Ambient Operating Temperature: -20 to +71°C.

Storage Temperature: -55 to +85°C.

Response Time: Less than 20 microseconds.

OPTIONS

Under/Overvoltage Alarm Contacts: To control a horn or light, or to signal your PLC. Available on models with nominal outputs of 5 Vdc to 125 Vdc. SPDT contacts switch if the power supply's output deviates by

- 1.0 volt or more: 5 volt models.
- 2.0 volts or more: 6 to 48 volt models.
- 3.0 volts or more: 50 to 125 volt models.

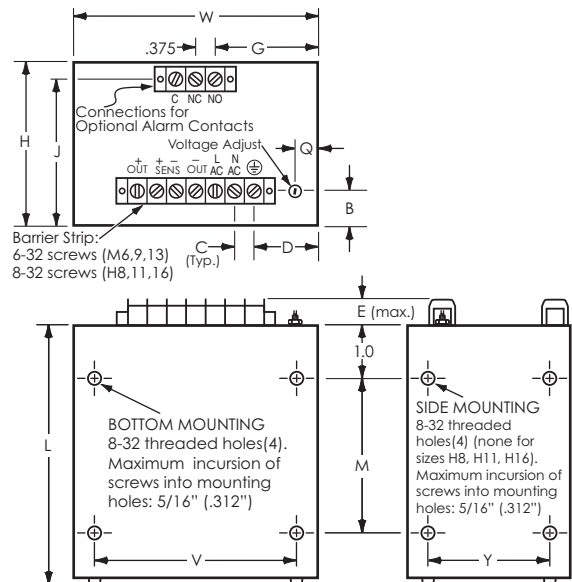
Contact ratings: 120 VAC, 8A / 60 Vdc, 1A. (To comply with SELV requirements, limit switched voltage to 60Vdc/42 VAC.) To order, add suffix "L" to model number and \$35.00 to price. Models with this option are not yet UL Recognized/CE certified.

Overvoltage Protection: An internal preset overvoltage protector is available. To order, add prefix "V" to the model number

Terminal Strip Cover: Clips on. To order, add suffix "M" to model number and \$5.00 to price.

230 Volt Input: All models can be alternately furnished for operation on inputs of 210-250 VAC, 50-400 Hz. To order, add suffix "-230" to model number and \$25.00 to price. (For models in case sizes H8, H11 and H16, add \$40.00.) The "-230" option requires two additional days.

Mounting: Threaded mounting holes permit mounting to a chassis, cabinet wall or bracket. To mount from the power supply side of the mounting surface or for DIN rail mounting, see accessory Mounting Kits on page 91.



Case Size	L	W	H	M	V	Y	Q	B	E	C	D	G	J	Approx. Weight
M6	6.59	5.12	3.44	4.0	4.5	3.0	.5	.75	.58	.375	1.44	2.19	3.09	4 lb. 4 oz.
M9	9.25	5.12	3.44	6.0	4.5	3.0	.5	.75	.58	.375	1.44	2.19	3.09	7 lb. 4 oz.
M13	13.25	5.12	3.44	10.0	4.5	3.0	.5	.75	.58	.375	1.44	2.19	3.09	11 lb.
H8	8.75	7.37	5.12	6.0	6.75	4.56	1.12	1.25	.78	.562	2.25	3.57	4.72	15 lb. 8 oz.
H11	11.25	7.37	5.12	8.0	6.75	4.56	1.12	1.25	.78	.562	2.25	3.57	4.72	18 lb. 4 oz.
H16	16.00	7.37	5.12	11.0	6.75	4.56	1.12	1.25	.78	.562	2.25	3.57	4.72	26 lb.

Gold SERIES
SINGLE OUTPUT
 LINEAR REGULATED
 AC-DC

SERIES B (General Purpose)



- All Models U.L. Recognized
- CE

Series B power supplies are ideal for powering digital circuitry, test sets, instrument bridges, and process control transmitters. Many models have regulation of $\pm 0.1\%$ or better. All components are generously derated

to insure a long and trouble-free life, and they use the same rugged construction as the Series A line. Overvoltage protection and other options are available.

SERIES B: GENERAL PURPOSE POWER SUPPLIES

STANDARD FEATURES

- Short circuit proof (electronic current limiting)
- May be mounted on any of three surfaces
- Completely serviceable

SPECIFICATIONS

Input Voltage: 105-125 VAC, 50-400 Hz, single phase.

Output Specifications: See pages 48 and 49. Series B supplies have model numbers beginning with the letter B.

Remote Voltage Adjustment/Sensing: Available as an option. See below.

Polarity: Output is floating; either positive or negative terminal may be grounded or floated up to 300 volts above ground.

Temperature Coefficient: 0.02%/°C (Typical).

Ambient Operating Temperature: 0 to +71°C.

Storage Temperature: -55 to +85°C.

OPTIONS

Under/Overvoltage Alarm Contacts: To control a horn or light, or to signal your PLC. Available on models with nominal outputs of 5 Vdc to 125 Vdc. SPDT contacts switch if the power supply's output deviates by

- 1.0 volt or more: 5 volt models.
- 2.0 volts or more: 6 to 48 volt models.
- 3.0 volts or more: 50 to 125 volt models.

Contact ratings: 120 VAC, 8A / 60 Vdc, 1A. (To comply with SELV requirements, limit switched voltage to 60Vdc/42 VAC.) To order, add suffix "L" to model number and \$35.00 to price. Models with this option are not yet UL Recognized/CE certified.

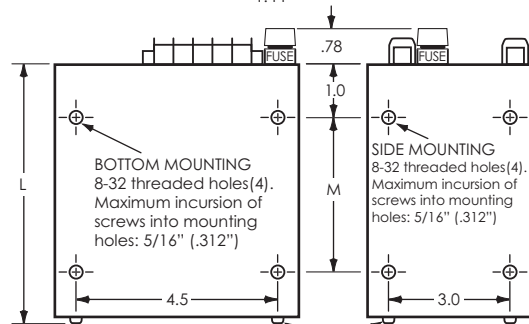
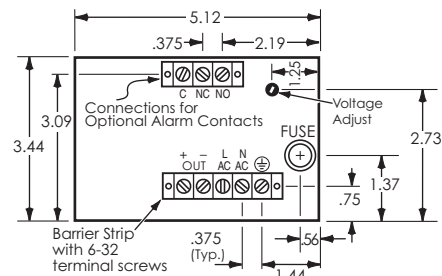
Overvoltage Protection: An internal preset overvoltage protector is available. To order, add prefix "V" to the model number, and add \$25.00 to the standard price of models with outputs of 1.5 to 70 volts; \$35.00, for 75 to 200 volt outputs.

Remote Voltage Sensing: Provision for sensing the output voltage across the load, so that drops in the load lines are compensated, is available on all models. (This option also permits the use of an externally located potentiometer to adjust output voltage.) To order, add prefix "R" to the model number. No increase in price.

Terminal Strip Cover: Clips on. To order, add suffix "M" to model number and \$5.00 to price.

230 Volt Input: All models can be alternately furnished for operation on inputs of 210-250 VAC, 50-400 Hz. To order, add suffix "-230" to model number and \$25.00 to price. The "-230" option requires two additional days.

Mounting: Threaded mounting holes permit mounting to a chassis, cabinet wall or bracket. To mount from the power supply side of the mounting surface or for DIN rail mounting, see accessory Mounting Kits on page 91.



For REAR MOUNTING, remove original screws(4) and use 8-32 Type F self-tapping screws. They should extend at least 5/16" (0.312") into the power supply case.

Case Size	L	M	Approx. Weight
G3	3.71	1.62	3 lb. 2 oz.
G5	5.09	3.0	4 lb. 14 oz.
G6	6.59	4.0	5 lb. 8 oz.
G9	9.25	6.0	7 lb. 4 oz.
G13	13.25	10.0	11 lb.

SERIES A & B

Nominal Output Voltage	Ad-just ±V	Output Current Amps. at			Regulation		Ripple mV RMS	Model	Case Size
		40°C	55°C	71°C	Load ± %*	Line ± %*			
1.5	.5	6.0	4.3	3.5	.005	.005	.250	A1.5MT600	M6
1.5	.5	9.0	7.2	5.5	.005	.005	.250	A1.5MT900	M9
1.5	.5	12.0	10.0	8.0	.005	.005	.250	A1.5MT1200	M13
1.5	.5	22.0	18.5	15.5	.005	.005	.250	A1.5H2200	H11
1.5	.5	32.0	27.0	22.5	.005	.005	.250	A1.5H3200	H16
2	.5	6.0	4.3	3.5	.005	.005	.250	A2MT600	M6
2	.5	12.0	10.0	8.0	.005	.005	.250	A2MT1200	M13
3	.5	.500	.500	.500	.2	.1	1	B3G50	G3
3	.5	1.2	1.1	1.0	.2	.1	1	B3G120	G3
3	.5	2.1	2.1	2.0	.5	.1	1	B3G210	G5
3	.5	4.0	3.5	3.0	.5	.1	1.5	B3G400	G6
3	.5	6.0	4.3	3.5	.005	.005	.250	A3MT600	M6
3	.5	9.0	7.2	5.5	.005	.005	.250	A3MT900	M9
3	.5	12.0	10.0	8.0	.005	.005	.250	A3MT1200	M13
3	.5	17.0	14.5	12.0	.005	.005	.250	A3H1700	H8
3	.5	20.0	16.5	13.5	.005	.005	.250	A3H2000	H11
3	.5	30.0	25.0	20.0	.005	.005	.250	A3H3000	H16
3.3	.5	.500	.500	.500	.2	.1	1	B3.3G50	G3
3.3	.5	1.2	1.1	1.0	.2	.1	1	B3.3G120	G3
3.3	.5	2.1	2.1	2.0	.5	.1	1.5	B3.3G210	G5
3.3	.5	4.0	3.5	3.0	.5	.1	1.5	B3.3G400	G6
3.3	.5	6.0	4.3	3.5	.005	.005	.250	A3.3MT600	M6
3.3	.5	7.0	5.9	4.9	.5	.1	1.5	B3.3G700	G9
3.3	.5	9.0	7.2	5.5	.005	.005	.250	A3.3MT900	M9
3.3	.5	12.0	10.0	8.0	.005	.005	.250	A3.3MT1200	M13
3.3	.5	17.0	14.5	12.0	.005	.005	.250	A3.3H1700	H8
3.3	.5	22.0	18.5	15.5	.005	.005	.250	A3.3H2000	H11
3.3	.5	32.0	27.0	22.5	.005	.005	.250	A3.3H3200	H16
5	.5	.500	.500	.500	.1	.1	1	B5G50	G3
5	.5	1.2	1.1	1.0	.1	.1	1	B5G120	G3
5	.5	1.7	1.5	1.3	.2	.1	1.5	B5G170	G3
5	.5	2.1	2.1	2.0	.2	.1	1.5	B5G210	G5
5	.5	4.0	3.5	3.0	.3	.1	1.5	B5G400	G6
5	.5	5.0	4.4	3.0	.4	.1	1.5	B5G500	G6
5	.5	5.1	3.6	2.6	.005	.005	.250	A5MT510	M6
5	.5	6.0	4.3	3.5	.005	.005	.250	A5MT600	M6
5	.5	8.0	7.0	5.0	.4	.1	1.5	B5G800	G9
5	.5	9.0	7.2	5.5	.005	.005	.250	A5MT900	M9
5	.5	10.0	9.0	7.0	.4	.1	1.5	B5G1000	G13
5	.5	12.0	10.0	8.0	.005	.005	.250	A5MT1200	M13
5	.5	17.0	14.5	12.0	.005	.005	.250	A5H1700	H8
5	.5	22.0	18.5	15.0	.005	.005	.250	A5H2200	H11
5	.5	32.0	27.0	22.0	.005	.005	.250	A5H3200	H16
6	1	.500	.500	.500	.1	.1	1	B6G50	G3
6	.5	1.2	1.1	1.0	.1	.1	1	B6G120	G3
6	.5	1.7	1.5	1.3	.2	.1	1.5	B6G170	G3
6	.5	3.2	3.1	3.0	.3	.1	1.5	B6G320	G6
6	.5	4.9	3.5	2.5	.005	.005	.250	A6MT490	M6
6	.5	6.0	4.5	3.5	.005	.005	.250	A6MT600	M6
6	.5	8.5	7.5	5.2	.005	.005	.250	A6MT850	M9
6	.5	11.0	9.3	7.5	.005	.005	.250	A6MT1100	M13
6	.5	16.0	13.6	11.2	.005	.005	.250	A6H1600	H8
6	.5	21.0	17.0	14.0	.005	.005	.250	A6H2100	H11
6	.5	28.0	23.0	19.0	.005	.005	.250	A6H2800	H16
7	1	.500	.500	.500	.1	.05	1	B7G50	G3
7	1	1.0	1.0	1.0	.1	.1	1	B7G100	G3
7	.5	2.0	2.0	2.0	.2	.1	1.5	B7G200	G5
7	.5	3.0	2.7	2.5	.3	.1	1.5	B7G300	G6
7	.5	5.0	4.0	3.0	.005	.005	.250	A7MT500	M6
7	.5	6.5	5.2	4.0	.4	.1	1.0	B7G650	G9
7	.5	8.0	6.5	5.0	.005	.005	.250	A7MT800	M9
7	.5	10.0	8.0	7.0	.4	.1	1.5	B7G1000	G13
7	.5	10.0	8.8	7.0	.005	.005	.250	A7MT1000	M13
8	1	.500	.500	.500	.1	.05	1	B8G50	G3
8	1	1.0	1.0	1.0	.1	.1	1	B8G100	G3
8	.5	2.0	2.0	2.0	.2	.1	1.5	B8G200	G5
8	.5	3.0	2.7	2.5	.2	.1	1.5	B8G300	G6
8	.5	5.0	4.0	3.5	.005	.005	.250	A8MT500	M6
8	.5	6.5	5.2	4.0	.3	.1	1.5	B8G650	G9
8	.5	8.0	6.5	5.0	.005	.005	.250	A8MT800	M9
8	.5	10.0	8.0	7.0	.4	.1	1.5	B8G1000	G13
8	.5	10.5	8.8	7.0	.005	.005	.250	A8MT1050	M13
8	.5	20.0	16.8	13.5	.005	.005	.250	A8H2000	H11
8	.5	28.0	23.0	19.0	.005	.005	.250	A8H2800	H16
9	1	.500	.500	.500	.1	.05	1	B9G50	G3
9	1	1.0	1.0	1.0	.1	.1	1	B9G100	G3
9	.5	2.0	2.0	2.0	.2	.1	1.5	B9G200	G5
9	.5	3.0	2.7	2.5	.2	.1	1.5	B9G300	G6
9	.5	6.5	5.2	4.0	.3	.1	1.5	B9G650	G9
9	.5	10.0	8.3	7.0	.005	.005	.250	A9MT1000	M13

*or 2 mv, whichever is greater

Nominal Output Voltage	Ad-just ±V	Output Current Amps. at			Regulation		Ripple mV RMS	Model	Case Size
		40°C	55°C	71°C	Load ± %*	Line ± %*			
10	1	.500	.500	.500	.1	.05	1	B10G50	G3
10	1	1.0	1.0	1.0	.1	.1	1	B10G100	G3
10	.5	2.0	2.0	2.0	.2	.1	1.5	B10G200	G5
10	.5	3.0	2.7	2.5	.2	.1	1.5	B10G300	G6
10	.5	4.5	3.6	2.7	.005	.005	.250	A10MT450	M6
10	.5	6.0	5.0	4.0	.3	.1	1.5	B10G600	G9
10	.5	7.5	6.0	4.5	.005	.005	.250	A10MT750	M9
10	.5	10.0	8.3	7.0	.4	.1	1.5	B10G1000	G13
10	.5	10.0	8.3	7.0	.005	.005	.250	A10MT1000	M13
10	.5	14.0	11.9	9.8	.005	.005	.250	A10H1400	H8
10	.5	18.0	15.0	12.0	.005	.005	.250	A10H1800	H11
10	.5	25.0	20.0	16.5	.005	.005	.250	A10H2500	H16
12	1	.500	.500	.500	.1	.05	1	B12G50	G3
12	1	1.0	1.0	1.0	.1	.1	1	B12G100	G3
12	.5	2.0	1.7	1.5	.2	.1	1.5	B12G200	G5
12	.5	3.0	2.7	2.5	.2	.1	1.5	B12G300	G6
12	.5	3.8	3.3	2.6	.2	.1	1.5	B12G380	G6
12	.5	4.0	3.3	2.6	.005	.005	.250	A12MT400	M6
12	.5	6.5	5.3	4.0	.3	.1	1.5	B12G650	G9
12	.5	6.5	5.3	4.0	.005	.005	.250	A12MT650	M9
12	.5	9.0	7.5	6.0	.4	.1	1.5	B12G900	G13
12	.5	9.0	7.5	6.0	.005	.005	.250	A12MT900	M13
12	.5	13.0	11.0	9.1	.005	.005	.250	A12H1300	H8
12	.5	17.0	14.3	11.5	.005	.005	.250	A12H1700	H11
12	.5	21.0	17.5	14.5	.005	.005	.250	A12H2100	H16
13	1	.500	.500	.500	.1	.05	1	B13G50	G3
13	1	1.5	1.4	1.3	.1	.1	1.5	B13G150	G3
13	.5	2.0	2.0	2.0	.2	.1	1.5	B13G200	G5
13	.5	3.0	2.7	2.5	.2	.1	1.5	B13G300	G6
13	.5	3.5	3.0	2.5	.005	.005	.250	A13MT350	M6
13	.5	5.0	4.5	4.0	.2	.1	1.5	B13G500	G9
13	.5	8.0	7.5	7.0	.3	.1	1.5	B13G800	G13
13	.5	8.0	7.5	7.0	.005	.005	.250	A13MT800	M13
14	1	.500	.500	.500	.1	.05	1	B14G50	G3
14	1	1.5	1.4	1.3	.1	.1	1.5	B14G150	G3
14	.5	2.0	2.0	2.0	.2	.1	1.5	B14G200	G5
14	.5	3.0	2.7	2.5	.2	.1	1.5	B14G300	G6
14	.5	3.0	2.7	2.5	.005	.005	.250	A14MT300	M6
14	.5	5.0	4.5	4.0	.2	.1	1.5	B14G500	G9
14	.5	7.0	6.5	6.0	.3	.1	1.5	B14G700	G13
14	.5	8.0	7.5	7.0	.005	.005	.250	A14MT800	M13
15	1	.750	.750	.750	.1	.1	1	B15G75	G3
15	1	1.0	1.0	1.0	.1	.1	1	B15G100	G3
15	1	1.5	1.4	1.3	.1	.1	1.5	B15G150	G3
15	.5	2.0	1.7	1.5	.1	.1	1.5	B15G200	G5
15	.5	3.0	2.8	2.5	.1	.1	1.5	B15G300	G6
15	.5	3.0	2.8	2.5	.005	.005	.250	A15MT300	M6
15	.5	4.2	3.8	3.0	.15	.1	1.5	B15G420	G9
15	.5	5.5	4.7	4.0	.005	.005	.250	A15MT550	M9
15	.5	6.0	5.0	4.0	.2	.1	1.5	B15G600	G9
15	.5	7.0	6.0	5.0	.2	.1	1.5	B15G700	G13
15	.5	8.0	6.5	5.5	.005	.005	.250	A15MT800	M13
15	.5	11.5	9.7	8.0	.005	.005	.250	A15H1150	H8
15	.5	15.0	12.8	10.5	.005	.005	.250	A15H1500	H11
15	.5	19.0	16.3	13.5	.005	.005	.250	A15H1900	H16
16	1	.300	.300	.300	.05	.05	1	B16G30	G3
16	.5	1.0	1.0	1.0	.1	.1	1	B16G100	G3
16	.5	3.0	2.5	2.0	.15	.1	1	B16G300	G9
16	.5	5.0	5.0	5.0	.2	.1	1.5	B16G500	G9
16	.5	6.5	6.0	5.5	.005	.005	.250	A16MT650	M13
18	1	.300	.300	.300	.05	.05	1	B18G30	G3
18	1	.750	.750	.750	.1	.1	1	B18G75	G3
18	.5	1.1	1.1	1.0	.1	.1	1	B18G110	G5
18	.5	2.1	2.0	1.8	.1	.1	1	B18G210	G5
18	.5	2.1	2.1	2.0	.005	.005	.250	A18MT210	M6
18	.5	3.0	2.8	2.5	.15	.1	1	B18G300	G9
18	.5	4.5							

SERIES A & B

Nominal Output Voltage	Adj-just ±V	Output Current Amps. at			Regulation		Ripple mV RMS	Model	Case Size
		40°C	55°C	71°C	Load ± %	Line ± %			
24	1	.300	.300	.300	.05	.05	1	B24G30	G3
24	1	.750	.750	.750	.1	.05	1	B24G75	G3
24	1	1.1	1.1	1.0	.1	.1	1.5	B24G110	G5
24	.5	1.7	1.7	1.5	.1	.1	1.5	B24G170	G5
24	.5	2.1	2.0	2.0	.1	.1	1.5	B24G210	G5
24	.5	2.1	2.0	2.0	.005	.005	.250	A24MT210	M6
24	.5	3.5	3.0	2.5	.15	.1	1.5	B24G350	G9
24	.5	3.5	3.0	2.5	.005	.005	.250	A24MT350	M9
24	.5	5.0	5.0	5.0	.15	.1	1.5	B24G500	G13
24	.5	5.5	5.0	4.5	.005	.005	.250	A24MT550	M13
24	.5	8.5	7.2	5.9	.005	.005	.250	A24H850	H8
24	.5	12.0	10.5	9.0	.005	.005	.250	A24H1200	H11
24	.5	15.0	13.0	11.0	.005	.005	.250	A24H1500	H16
25	1	.300	.300	.300	.05	.05	1	B25G30	G3
25	1	.750	.750	.750	.1	.05	1	B25G75	G3
25	1	1.1	1.1	1.1	.1	.1	1.5	B25G110	G5
25	.5	1.7	1.7	1.5	.1	.1	1.5	B25G170	G5
25	.5	2.1	2.1	2.0	.1	.1	1.5	B25G210	G5
25	.5	3.5	3.0	2.5	.15	.1	1.5	B25G350	G9
25	.5	5.0	5.0	5.0	.15	.1	1.5	B25G500	G13
28	1	.300	.300	.300	.05	.05	1	B28G30	G3
28	1	.500	.500	.500	.05	.05	1	B28G50	G3
28	1	.800	.800	.800	.1	.05	1	B28G80	G5
28	1	1.1	1.1	1.0	.1	.05	1	B28G110	G5
28	.5	1.8	1.6	1.5	.1	.1	1.5	B28G180	G5
28	.5	2.1	2.1	2.0	.1	.1	1.5	B28G210	G5
28	.5	2.1	2.1	2.0	.005	.005	.250	A28MT210	M6
28	.5	3.0	2.7	2.5	.15	.1	1.5	B28G300	G9
28	.5	3.0	2.7	2.5	.005	.005	.250	A28MT300	M9
28	.5	5.0	5.0	5.0	.15	.1	1.5	B28G500	G13
28	.5	5.0	5.0	5.0	.005	.005	.250	A28MT500	M13
28	.5	8.0	6.8	5.6	.005	.005	.250	A28H800	H8
28	.5	11.0	9.5	8.0	.005	.005	.250	A28H1100	H11
28	.5	14.0	12.0	10.0	.005	.005	.250	A28H1400	H16
30	1	.300	.300	.300	.05	.05	1	B30GT30	G3
30	1	.500	.500	.500	.05	.05	1	B30GT50	G3
30	1	1.1	1.1	1.0	.1	.1	1	B30GT110	G5
30	.5	1.7	1.6	1.5	.1	.1	1.5	B30GT170	G5
30	.5	2.1	2.1	2.0	.1	.1	1.5	B30G210	G6
30	.5	2.1	2.1	2.0	.005	.005	.250	A30MT210	M6
30	.5	3.0	2.7	2.5	.005	.005	.250	A30MT300	M9
30	.5	5.0	5.0	5.0	.15	.1	1.5	B30G500	G13
30	.5	5.0	5.0	5.0	.005	.005	.250	A30MT500	M13
30	.5	7.5	6.3	5.2	.005	.005	.250	A30H750	H8
30	.5	10.0	9.0	8.0	.005	.005	.250	A30H1000	H11
30	.5	14.0	12.0	10.0	.005	.005	.250	A30H1400	H16
32	1	.300	.300	.300	.05	.05	1	B32GT30	G3
32	1	.500	.500	.500	.05	.05	1	B32GT50	G3
32	1	1.0	1.0	1.0	.1	.1	1	B32GT100	G5
32	1	1.5	1.5	1.5	.1	.1	1.5	B32GT150	G5
32	.5	1.8	1.6	1.3	.005	.005	.250	A32MT180	M6
32	.5	2.5	2.1	1.7	.005	.005	.250	A32MT250	M9
32	.5	9.0	7.5	6.0	.005	.005	.250	A32HT900	H11
34	1	.300	.300	.300	.05	.05	1	B34GT30	G3
34	1	.800	.800	.800	.1	.1	1	B34GT80	G5
34	1	1.5	1.5	1.5	.1	.1	1.5	B34GT150	G5
35	1	.100	.100	.100	.05	.05	1	B35GT10	G3
35	1	.300	.300	.300	.05	.05	1	B35GT30	G3
35	1	.500	.500	.500	.05	.05	1	B35GT50	G3
35	1	.600	.600	.600	.1	.05	1	B35GT60	G3
35	1	.800	.800	.800	.1	.1	1.5	B35GT80	G5
36	1	.100	.100	.100	.05	.05	1	B36GT10	G3
36	1	.500	.500	.500	.05	.05	1	B36GT50	G3
36	1	.800	.750	.700	.1	.05	1	B36GT80	G5
36	.5	1.3	1.3	1.3	.1	.1	1.5	B36GT130	G6
36	.5	1.3	1.3	1.3	.005	.005	.250	A36MT130	M6
36	.5	2.3	2.0	1.8	.1	.1	1.5	B36GT230	G9
36	.5	2.3	2.0	1.8	.005	.005	.250	A36MT230	M9
36	.5	4.0	3.2	2.5	.005	.005	.250	A36MT400	M13
36	.5	8.0	6.6	5.3	.005	.005	.250	A36HT800	H11
36	.5	11.0	9.1	7.2	.005	.005	.250	A36HT1100	H16
40	1	.200	.200	.200	.05	.05	1	B40GT20	G3
40	1	.400	.400	.400	.05	.05	1	B40GT40	G3
40	1	.500	.500	.500	.1	.05	1	B40GT50	G5
40	1	1.0	1.0	1.0	.1	.1	1.5	B40GT100	G6
45	1	.200	.200	.200	.05	.05	1	B45GT20	G3
45	1	.400	.400	.400	.05	.05	1	B45GT40	G3
48	1	.200	.200	.200	.05	.05	1	B48GT20	G3
48	1	.400	.400	.400	.05	.05	1	B48GT40	G3
48	1	.600	.600	.600	.1	.1	1	B48GT60	G5
48	1	1.1	1.0	.600	.1	.1	1.5	B48GT110	G6
48	1	1.2	1.0	.800	.005	.005	.250	A48MT120	M6
48	1	1.8	1.6	1.2	.005	.005	.250	A48MT180	M9
48	1	3.0	2.6	2.1	.005	.005	.250	A48MT300	M13
48	1	6.0	5.0	4.0	.005	.005	.250	A48HT600	H11
48	1	8.5	7.2	5.5	.005	.005	.250	A48HT850	H16
50	1	.400	.400	.400	.05	.05	1	B50GT40	G3
50	1	.500	.500	.500	.05	.05	1	B50GT50	G5
50	1	1.0	.800	.700	.005	.005	.250	A50MT100	M6
50	1	1.5	1.3	1.0	.005	.005	.250	A50MT150	M9
50	1	2.7	2.3	1.8	.005	.005	.250	A50MT270	M13
50	1	6.0	5.0	4.0	.005	.005	.250	A50HT600	H11
50	1	8.0	6.6	5.2	.005	.005	.250	A50HT800	H16
55	1	.500	.500	.500	.05	.05	1	B55GT50	G5
60	1	.200	.200	.200	.05	.05	1	B60GT20	G3
60	1	.300	.300	.300	.05	.05	1	B60GT30	G3
60	1	.400	.400	.400	.05	.05	1	B60GT40	G5
60	1	.850	.720	.600	.005	.005	.250	A60MT85	M6
60	1	1.2	1.0	.800	.005	.005	.250	A60MT120	M9
60	1	2.5	2.1	1.7	.005	.005	.250	A60MT250	M13
60	1	5.0	4.1	3.3	.005	.005	.250	A60HT500	H11
60	1	7.0	5.8	4.6	.005	.005	.250	A60HT700	H16
65	1	.300	.300	.300	.05	.05	1	B65GT30	G3
70	1	.100	.100	.100	.05	.05	1	B70GT10	G3
70	1	.300	.300	.300	.05	.05	1	B70GT30	G3
75	1	.050	.050	.050	.05	.05	1	B75GT05	G3
75	1	.200	.200	.200	.05	.05	1	B75GT20	G3
75	1	.600	.500	.400	.005	.005	.250	A75MT60	M6
75	1	1.0	.830	.660	.005	.005	.250	A75MT100	M9
75	1	2.0	1.8	1.5	.005	.005	.250	A75MT200	M13
75	1	4.0	3.3	2.6	.01	.01	1	A75HT400	H11
75	1	5.6	4.6	3.6	.01	.01	1	A75HT560	H16
80	1	.100	.100	.100	.05	.05	1	B80GT10	G3
80	1	.200	.200	.200	.05	.05	1	B80GT20	G3
85	1	.200	.200	.200	.05	.05	1	B85GT20	G3
90	1	.200	.200	.200	.05	.05	1	B90GT20	G3
90	1	.500	.400	.300	.005	.005	.250	A90MT50	M6
90	1	.800	.700	.600	.005	.005	.250	A90MT80	M9
90	1	1.5	1.3	1.0	.005	.005	.250	A90MT150	M13
90	1	3.3	2.7	2.1	.01	.01	1	A90HT330	H11
90	1	4.4	3.6	2.9	.01	.01	1	A90HT440	H16
95	1	.200	.200	.200	.05	.05	1	B95GT20	G3
100	1	.100	.100	.100	.05	.05	1	B100GT10	G3
100	1	.200	.200	.200	.05	.05	1	B100GT20	G3
100	1	.460	.460	.340	.1	.1	1.5	B100GT46	G6
100	1	.650	.650	.650	.1	.1	1.5	B100G65	G6
100	1	.700	.600	.500	.005	.005	.250	A100M70	M6
100	1	1.3	1.2	1.0	.005	.005	.250	A100MT130	M13
100	1	3.0	2.5	2.0	.01	.01	1	A100HT300	H11
100	1	4.0	3.3	2.6	.01	.01	1	A100HT400	H16
110	1	.200	.200	.200	.05	.05	1	B110GT20	G3
120	1	.100	.100	.100	.05	.05	1	B120GT10	G3
120	1	.200	.200	.200	.05	.05	1	B120GT20	G3
120	1	.400	.400	.300	.1	.1	1.5	B120GT40	G6
120	1	.550	.550	.550	.1	.1	1.5	B120G55	G6
120	1	.600	.500	.400	.005	.005	.250	A120M60	M6
120	1	1.2	1.1	1.0	.005	.005	.250	A120MT120	M13
120	1	2.5	2.0	1.6	.01	.01	1	A120HT250	H11
120	1	3.5	2.9	2.3	.01	.01	1	A120HT350	H16
125	1	.200	.200	.200	.05	.05	1	B125GT20	G3
125	1	.400	.400	.300	.1	.1	1.5	B125GT40	G6
125	1	.500	.400	.300	.005	.005	.250	A125MT50	M6
125	1	.550	.550	.550	.1	.1	1.5	B125G55	G6
125	1	1.2	1.1	1.0	.005	.005	.250	A125MT120	M13
125	1	2.5	2.0	1.6	.01	.01	1	A125HT250	H11
125	1	3.5	2.9	2.3	.01	.01	1	A125HT350	H16
130	1	.200	.200	.200	.05	.05	1	B130GT20	G3
135	1	.200	.200	.200	.05	.05	1	B135GT20	G3
140	1	.200	.200	.200	.05	.05	1	B140GT20	G3
150	1	.100	.100	.100	.05	.05	1	B150GT10	G3
150	1	.200	.200	.20					