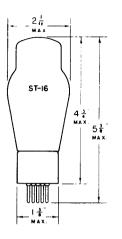
TUNG-SOL -



TRIODE POWER AMPLIFIER

COATED FILAMENT 6.3 VOLTS 1.0 AMPERE AC OR DC

4 D

GLASS BULB

BOTTOM VIEW

MEDIUM 4 PIN BASE

THE TUNG-SOL 6A3 IS A FILAMENT TYPE TRIODE POWER AMPLIFIER DESIGN-ED FOR SERVICE IN THE OUTPUT STAGE OF AUDIO AMPLIFIERS WHERE HIGH OUTPUT AND LOW HARMONIC DISTORTION ARE DESIRED. ITS RATINGS AND CHARACTERISTICS ARE SIMILAR TO THOSE OF THE 2A3 AND 6B4G.

OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A1	AMPLIFIER - ONE TUBE	
PLATE VOLTAGE MAX.	250	VOLTS
GRID VOLTAGE G	-45	VOLTS
GRID CIRCUIT RESISTANCE MAX.		
FIXED BIAS	0.05	ме донм
SELF BIAS	0.5	MEGOHM
PLATE CURRENT	60	MA.
PLATE RESISTANCE	800	OHMS
TRANSCONDUCTANCE	5250	µмноs
AMPLIFICATION FACTOR	4.2	
LOAD RESISTANCE	2500	OHMS
POWER OUTPUT	3.2	WATTS
SECOND HARMONIC DISTORTION	5	PER CENT

CLASS AB1 PUSH - PULL AMPLIFIER VALUES FOR TWO TUBES

	FIXED BIAS	SELF BIAS	
PLATE VOLTAGE MAX.	325	325	VOLTS
GRID VOLTAGE G	68	-	VOLTS
SELF BIAS RESISTOR	-	850	OHMS
ZERO-SIGNAL PLATE CURRENT PER TUBE	40	40	MA.
LOAD RESISTANCE PER TUBE	750	1250	OHMS
EFFECTIVE LOAD RESISTANCE PLATE TO PLATE	3000	5000	OHMS
TOTAL HARMONIC DISTORTION	2.5	5	PER CENT
POWER OUTPUT	15	10	WATTS

G GRID VOLTAGE MEASURED FROM MID-POINT OF AC OPERATED FILAMENT.