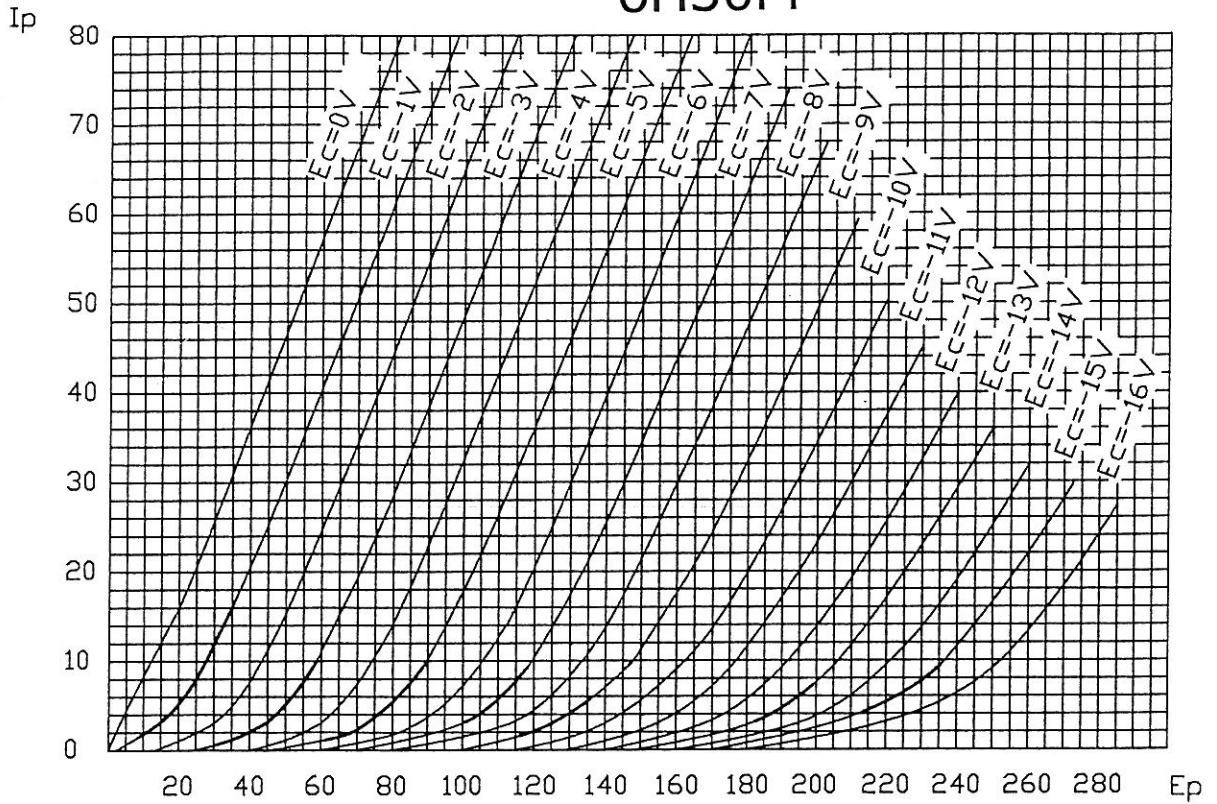
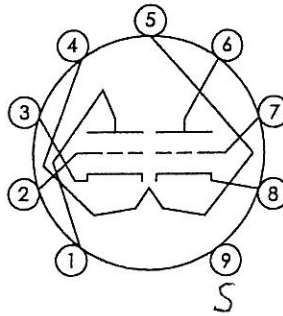


# SOVTEK

## 6H30Pi



The 6H30 is a medium- $\mu$  dual triode with a very high-perveance cathode. The low plate resistance, combined with superior linearity, and a true 4 watt per plate dissipation, make for a high performance voltage amp or driver.



Pin #	description
1	plate 2
2	grid 2
3	cathode 2
4,5	heater
6	plate 1
7	grid 1
8	cathode 1

Electrical Data	
Heater Voltage, not less than	6.0 V
Heater Voltage, not more than	6.6 V
Heater Current (nominal)	850 mA
Plate Voltage, not more than	250V
Heater to Cathode Voltage:	
positive, V not more than	100 V
negative, V not less than	200 V
Plate Current, not more than	100 mA peak, 50 mA cont.
Plate Dissipation, each triode, not more than	4.0 watts
Maximum grid circuit resistance:	
fixed bias, not more than	0.1 Mohm
self bias, not more than	0.6 Mohm
Amplification Factor (nominal)	15
Transconductance (nominal)	18 mA/V
Plate Resistance (nominal)	840 Ohms
Inter-electrode Capacitances:	
C, grid to plate	6 pF (triode 1 and 2)
C, grid to cathode and heater	6.3 pF (triode 1 and 2)
C, plate to cathode and heater	2.4 pF (1) and 0.38 (2)

6H30Pi  
 NEW SENSOR CORP.  
 tested by jcm

Drawing #  
**GT007**  
 Drawn by:  
 jcm