

VALVE REVIEW

The 362 R.F.P. 60

THE 362 RFP60 is an R.F. transmitting pentode designed for use as an R.F. power amplifier or power frequency multiplier. The valve is manufactured by *Messrs. The 362 Radio Valve Co., Ltd.* It is fitted with a five-pin B.V.A. base and the anode is connected to a screw top cap. The suppressor grid is brought out separately and has characteristics suitable for suppressor grid modulation. At the time of review no curves or detailed operating figures were available from the makers, in consequence the data and curves below show our measured results.

Characteristics.	Makers.	Measured Sample.
Filament volts ...	6.0	6.0
" current (amps.) ...	2.0	2.05
Anode volts (max.) ...	1000	1000
Screen " " ...	500	500
Anode dissipation watts (max)	60	—
" input " " ...	100	—
Mutual Conductance (g) ...	8.0†	7.4 *
Amplification Factor (μ) ...	—	Not measured
Impedance (ohms) ...	—	Not measured
Inner μ ...	—	7.5*
Suppressor volts (telephony)	—	—170 approx.

* Taken at anode volts 1,000, screen volts 400, grid volts -10.

† Not stated.

Fig. 1 shows the anode current, grid voltage curves at various screen voltages, the dotted curve shows the screen current at a screen voltage of 400.

Fig. 2 shows the anode current, suppressor grid voltage curves.

Inter-Electrode Capacities.

Grid to all other electrodes (input capacity)	27 μ f
Anode to all other electrodes (output capacity) ...	15 μ f
Grid to anode ...	Not measured

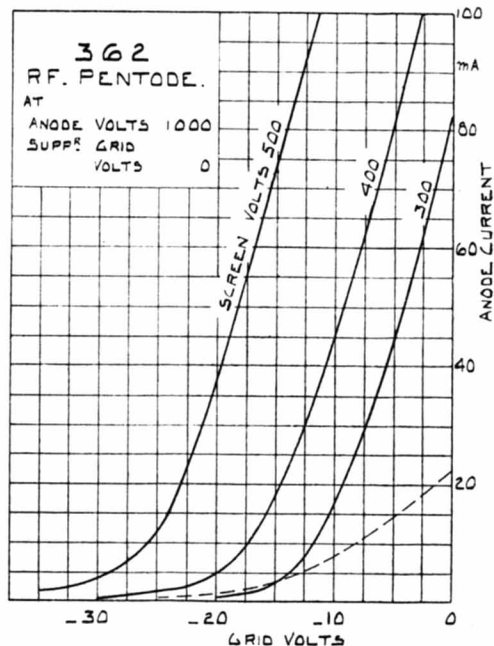


Fig. 1.