



To be performed in addition to those applicable in K1001

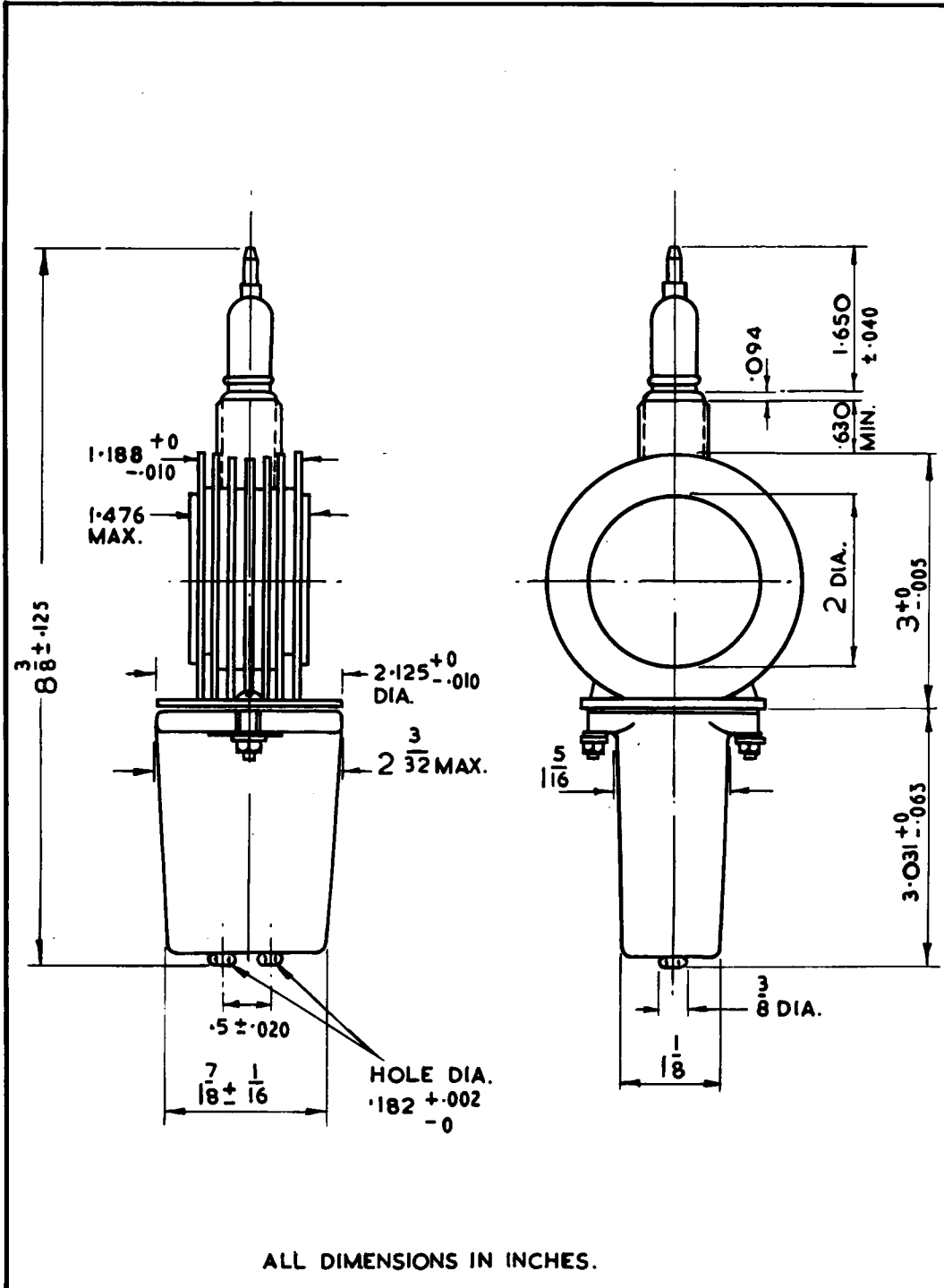
	Test Conditions		Test	Limits		No. Tested	Notes
	Vh (V)	Peak Ia (A)		Min.	Max.		
a	5.0	-	Ih (A)	2.3	2.9	100%	1
b	0	35	1. Peak Va (kV) 2. Frequency (Mc/s) CV3659 CV3660 CV3661 CV3662 3. Peak Output Power (kW)	24 3030 3005 2980 2940 400	30 3060 3030 3005 2980 -	100% 100%	2 2 & 3 2 & 4
c	0	Varied over the range from 30A to 40A  Other conditions as for Test (b).	Frequency Continuity Change in frequency (Mc/s)	-	5	100%	2 & 5
d	Waveguide plunger adjusted to produce the maximum possible frequency change.		1. Average batch frequency change (Mc/s) 2. Max. individual frequency change (Mc/s)	- -	28 35	5% or 5	2 6

NOTES

- Vh = 5V for starting only; for normal running Vh = 0.
- The valve is to be pulse-tested in an approved circuit.

No serious or persistent flashing, internally or externally, shall occur during the test.

- Grouping and Re-measurement. If, on a single re-measurement a valve falls within an adjacent group, action shall be taken according to the extent of the discrepancy:
  - by not more than 6 Mc/s, the grouping remains unchanged;
  - by more than 20 Mc/s, re-group accordingly;
  - by an amount between 6-20 Mc/s: make three more re-measurements. If the average of the four measurements shows a discrepancy of less than 6 Mc/s, the grouping remains unchanged; if the average is more than 6 Mc/s, re-group accordingly.
- The output power shall be measured by an approved method. The apparatus used for the measurement of output power shall be checked after every 500 valves tested, or once a month (whichever is the shorter period), against the calorimetric method of measurement.
- The frequency shall vary smoothly and without discontinuity.
- If the average frequency change over one month of production exceeds 28 Mc/s correcting action shall be taken, and the Approving Authority notified. However, deliveries may continue.



ALL DIMENSIONS IN INCHES.