

# 7016 (606) FULL WAVE RECTIFIER TUBE

## TECHNICAL INFORMATION

Description: An argon-mercury vapor, full wave, rectifier tube designed especially for industrial power rectifier applications up to 250 volts d. c.

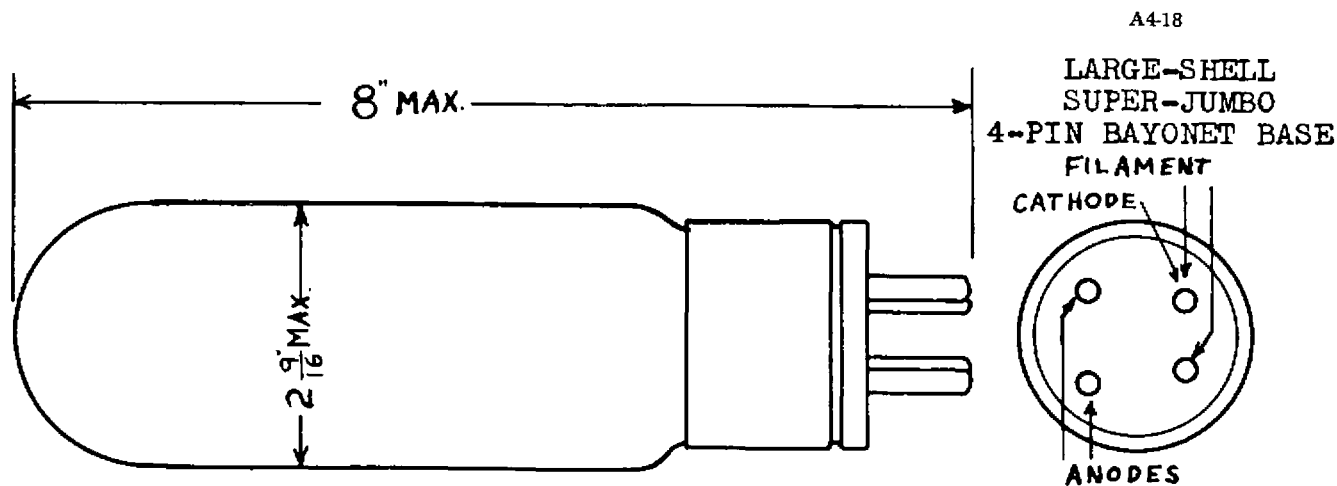
dc Amperes output (maximum) .....	6.4
Instantaneous Amperes output (maximum) .....	25.6
Maximum time of averaging anode current (seconds) .....	5
Maximum peak inverse volts .....	.900
Filament volts .....	2.5
Filament amperes .....	17 ± 2
Filament heating time (seconds) .....	40
Typical arc drop at 9 amperes peak (volts) .....	10
Typical Anode starting voltage (volts) .....	10
Maximum ac short circuit current (amperes) .....	360
Condensed mercury temperature limits (°C) * .....	0 to +90
Approx. temp. rise, cond. merc. above ambient, no load (°C) .....	30
Approx. temp. rise, cond. merc. above ambient, full load (°C) .....	40
Mounting position .....	vertical, base down
Net weight (ounces) .....	8
Approx. shipping weight (lbs.) .....	3

\*Satisfactory operation will be obtained between 0 and +90°C. For long life the tube should be operated between +40 and +90°C condensed mercury, or approximately 0 to +50°C ambient.

ALL DATA ARE BASED ON RETURNS TO FILAMENT CENTER TAP

### LIGHT FILAMENT BEFORE APPLYING LOAD

### OUTLINE DRAWING



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