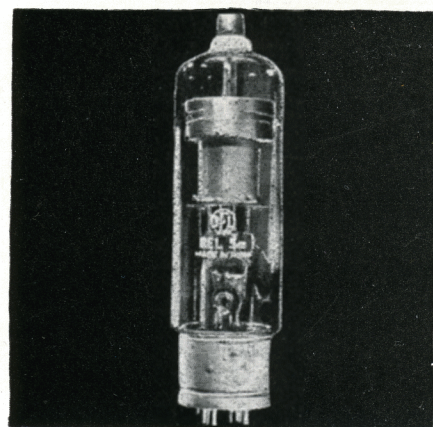
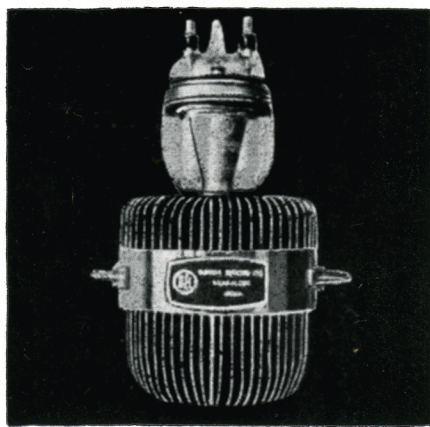
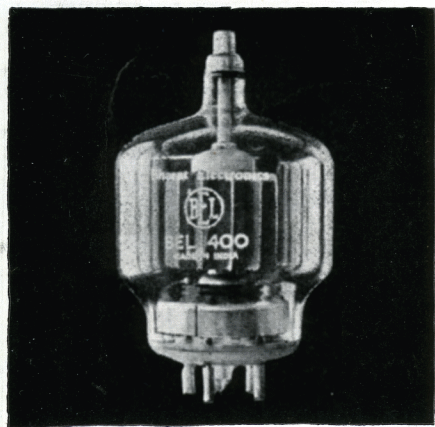


BEL TRANSMITTING TUBES

FOR COMMUNICATION
BROADCAST &
INDUSTRIAL
APPLICATIONS



BEL TRANSMITTING TUBES

In order to meet the growing demand for transmitting tubes, BEL started manufacturing transmitting tubes in 1967. BEL transmitting tubes form a vital part of many defence equipment, civil communication equipment, broadcast transmitters and other industrial applications like induction heating, plastic moulding and RF welding equipment.

BEL has a modern, self-sufficient plant complete with exhaustive test facilities which ensure the production of reliable transmitting tubes meeting international standards. We provide a good range of both power and rectifier transmitting tubes. Details of popular types along with an equivalent chart are given below.

Specially selected popular types

POWER TUBES

BEL Type No.	American Equivalent	Description	Dimension Length × Dia	Filament		Anode		Frequency max.
				Voltage	Current	Dissipation max.	Voltage max.	
BEL 25	807	Beam Power Tetrode	133.0 mm 39.7 mm	6.3 V	0.9 amps	25 W	600 V	60 MHz
BEL 100	813	Beam Power Tetrode	191.0 mm 67.0 mm	10.0 V	5 amps	100 W	2250 V	30 MHz
BEL 300	833A	Triode	228.0 mm 118.0 mm	10.0 V	10 amps	300 W	300 V	30 MHz
BEL 400 C1136	4-400A	Tetrode	150.0 mm 92.0 mm	5.0 V	14 amps	400 W	4000 V	110 MHz
BEL 450	450TH	Triode	320.0 mm 130.0 mm	7.5 V	12 amps	450 W	6000 V	40 MHz

RECTIFIERS:

BEL No.	Dimension Length × Dia	Peak inverse Anode Voltage	Peak Anode Current	Ambient Temp. range	Frequency (max.)
BEL 2a GXU1 (American Eqv. 3B28)	153 ± 5 mm 52 mm	10 kV	1 amp	-75 to 90°C	150 Hz
BEL 5a GXU2 (American Eqv. 4B32)	213 mm 59 mm	10 kV	5 amps	-55 to 70°C	150 Hz.
BEL 40a AH205/857B (American Eqv. 857B)	520 mm 185 mm	20 kV	40 amps	30 to 40°C	150 Hz.

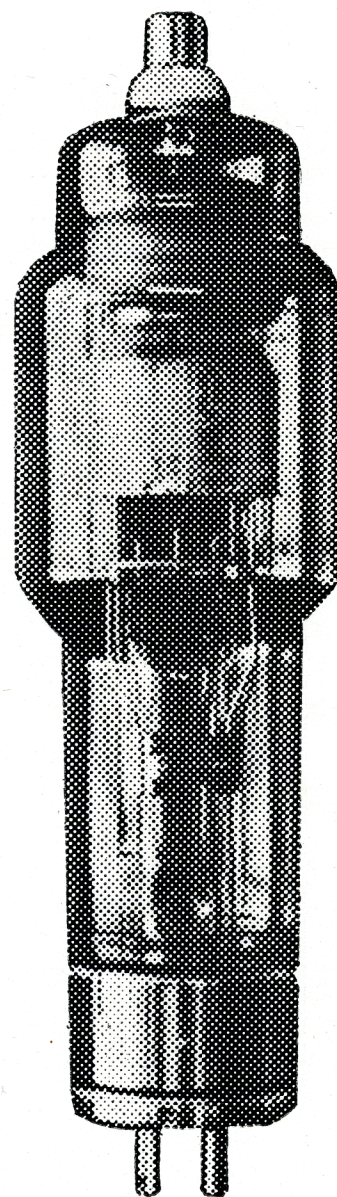
If you are using any of the following transmitting tubes, BEL can give you an equivalent.

INDIA	U.S.A.				UNITED KINGDOM					EUROPE			JAPAN
B.E.L.	E.I.A.	R.C.A.	EIMAC	Westing-house	C.V.	S.T.C.	E.E.	Mullard	Osram	Philips	Brown Boveri	Siemens	NEC
BEL 25	5933	807	..	350-A	124	5B/250A	..	QV05-25	..	QE06/50	..	..	2B33
BEL 25A	..	4604	..	..	..	..	..	..	..	..	..	..	..
BEL 25B	..	8042	..	..	..	..	..	..	..	QCO5/35	..	..	..
BEL 100	..	813	..	WL-813	26	5C/100A	C-143	QY2-100	TT10	QB2/250	P120-1	RS-337	4B13
BEL 125	6155	4D21	4-125A	..	2130	..	C-1108	QY3-125	TT16	QB3/300GA	Q160-1	RS-1007	..
BEL 135	5866	..	..	..	1924	..	..	TY2-125	..	TB2.5/300	T130-1	*RS-1006B	..
BEL 250	6156	5D22	4-250A	..	2131	..	C-1112	QY4-250	..	QB3.5/750	..	RS-1002	5F22A
BEL250CX (Ceramic)	7203	..	4CX250B	WL-4CX 250B	6137 8973 9089	..	..	..	..	..	..	4CX250B	5F20RA
BEL 300	..	833A	..	357-A	635	..	B-142	TY4-350	..	*TB4/1250	T300-1	*RS-1016	5T33
BEL 400	8438	..	4-400A	..	3879	..	C-1136	QY4-400	..	QB4/1100GA	Q400-1	RS-1002A	5F23A
BEL 450	..	..	450 TH	..	2572	..	..	..	..	..	..	..	5T31
BEL 450A	..	..	450 TL	..	..	..	..	..	..	..	..	..	5T30
BEL 1000	..	..	..	..	28	3J/121E	BR152B	..	ACT9	..	..	..	..
BEL 3000	5762	7C24	..	..	2383	..	BR191B	*TY6- 5000A	..	*TBL6/6000	BTL3-1	..	7T25R
BEL 5000	..	892R	..	..	904	..	BR175	*ESA- 892C	..	..	..	..	8T92R
BEL 6000	..	..	..	..	..	..	..	..	..	..	..	..	8T30R
BEL 6000A	..	..	..	..	..	..	..	..	..	..	*BTL-6-1	..	..
BEL- 15000V (Vapotron)	..	..	..	..	..	..	..	..	..	..	..	..	8T29
BEL 25000	5671	5671	..	WL-5891	..	..	..	..	..	..	..	..	8T71R
BEL- 25000A	..	..	..	..	..	..	..	..	..	..	*BTL25-1	..	..
BEL- 75000V (Vapotron)	..	..	..	..	..	..	..	..	..	..	..	..	9T70A
BEL 40a	..	857B	..	857-B	2673	..	AH205	..	..	*DCG7/100B	DQ-7	..	7H57
BEL 10a	6508	869B	869B	869-B	2723	..	AH213	..	..	*DCG9/20	DQ-6	GLE20000/ 2,5/10	5H69A
BEL 6a	..	673	673	673	..	..	..	..	..	*DCG6/18	DQ-5	GLE 15000/ 3/12	4H73
BEL 5a	..	4B32	..	WL-8008	2518	2G/472B	AX230	RR3-1250	GXU2	DCX4/5000	..	..	4H32
BEL 5a-1	..	872A	872	..	642	4064B	AH217	..	..	DCG5/5000GB	DQ4	GLE 13000/ 1,5/6	4H72
BEL 2a	6277	3B28	..	..	1835	2G/402A	AX224	RR3-250	GXU1	DCX4/1000	DX-2	..	2H28
BEL 2a-1	..	866/ 866A	866A/866	..	32	2V/400A	AH201	RG3-250	..	DCG4/1000G	*DQ-2	*GLE 1000/ 025/1	2H66
BEL 03a	..	3B24WA	..	..	812	..	A239	..	..	..	..	..	1K24
BEL 5544 (Thyratron)	5877	..	..	WL-22994	2210	..	MT- 5544	..	..	PL5544	..	..	..

*Near Equivalent. Note: 1. C.V.—British General Post Office Specifications. 2. E.E.—English Electric. 3. E.I.A.—Electronic Industries Association, U.S.A. 4. N.E.C.—Nippon Electric Company Ltd., Japan. 5. R.C.A.—Radio Corporation of America. 6. S.T.C.—Standard Telephones & Cables Ltd., U.K.

SPECIAL FEATURES

- RUGGED & RELIABLE
- GUARANTEED LIFE
- CONFORMS TO INTERNATIONAL STANDARDS
- DIRECT REPLACEMENT FOR MOST OF THE TYPES



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