



Transmitting tubes triodes for industrial heating book 2 part 4

ceramic/metal construction range of high efficiency external anode power triodes

Type No.	Cooling	Approx. Output at Full Ratings (kW)	Max. Frequency at Full Ratings (MHz)	Max. Frequency at Reduced Ratings (MHz)	p_a Max. (kW)	V_a Max. (kV)	I_k Max. (A)	V_f (V)	I_f (A)	Base
YD1240 YD1244	Forced-air Forced-air	2.7	250	—	1.5	5.5	1.4	6.3	33	Coaxial
YD1150 YD1152	Forced-air Water (helix)	4.5	160	220	2.5	7.2	1.4	6.3	33	Coaxial
YD1160 YD1161 YD1162	Forced-air Water (separate jacket) Water (helix)	8.8	120	220	5.0	7.2	2.8	6.3	66	Coaxial
YD1173	Forced-air	13.2	50	—	10	12	2.5	5.4	65	Coaxial
YD1170 YD1171 YD1172	Forced-air Water (separate jacket) Water (helix)	15.4	120	—	10	7.2	4.8	5.8	130	Coaxial
YD1180 YD1182	Forced-air Water (integral jacket)	30	100	—	15 20	9.0	7.5	7.0	175	Coaxial
YD1190 YD1192 YD1193	Forced-air Water (integral jacket) Vapour cooled	60	30	—	30 40 40	9.6	14.5	8.4	235	Coaxial
YD1202 YD1203	Water (integral jacket) Vapour cooled	120	30	—	80	14.0	24	12.3	255	Coaxial
YD1212 YD1213	Water (integral jacket) Vapour cooled	240	30	—	120	16.8	34	12.6	380	Coaxial
YD1342	Water (integral jacket)	480	30	—	240	19.2	55	14	555	Coaxial