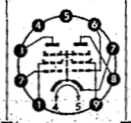
Type	Allgemeine Daten General data		Betriebswerte Typical operation	Grenzwerte Maximum ratings
ELL 80 (Fortsetzung) (continuation)			$I_{a\ ausgest.}$ = 2x21,5 2x28,5 mA I_{g2o} = 2x1,8 2x2,3 mA $I_{g2\ ausgest.}$ = 2x6 2x8,8 mA k = 5 5 % $U_{g1\ eff}$ (50 mW) = 0,7 0,6 V	
			Kapazitäten · Capacitances System I System II c_e = 7 = 7 pF c_a = 4,5 = 4,5 pF $c_{g1/a}$ < 0,2 < 0,15 pF $c_{g1/f}$ < 0,2 < 0,25 pF zwischen System I und System II between system I and system II $c_{aI/g1II}$ < 0,008 pF $c_{aII/g1I}$ < 0,008 pF $c_{aI/aII}$ < 0,18 pF	
ELL 80 NF-Doppel-Leistungs-pentode 2 Kanal- oder Gegentakt-schaltungen AF twin power pentode 2 channel or push-pull circuits	Pico 9 Noval Größe 12 Outlines 12 Stift · Pin 1 g_{2I} 2 g_{1I} 3 a_I 4 f 5 f 6 g_{1II} 7 k, g_{3I}, g_{3II}, s 8 a_{II} 9 g_{2II} 	U_f = 6,3 V I_f ca. 550 mA indirekt geheizt indir. heated per System U_a = 250 V U_{g2} = 250 V U_{g1} = −9 V I_a = 24 mA I_{g2} = 4,5 mA S = 6 mA/V μ_{g2g1} = 17 R_i = 80 kΩ	**Beide Systeme Eintakt-A-Betrieb** The two systems class A amplifier U_a = 200 250 V U_{g2} = 200 250 V R_k [1] = 68 160 Ω I_a = 30 24 mA I_{g2} = 6,5 4,5 mA R_a = 6 10 kΩ $U_{g1\ eff}$ = 3,8 4,2 V N = 2,6 3 W k = 10 10 % $U_{g1\ eff}$ (50 mW) = 0,4 0,4 V [1] gemeinsam common [2] per System **Beide Systeme Gegentakt-B-Betrieb** The two systems push-pull, class B U_a = 200 250 V U_{g2} = 200 250 V U_{g1} = −8,5 −12 V I_{ao} = 2x9 2x11 mA R_{aa} = 11 10 kΩ $U_{g1\ eff}$ [2] = 7 8,5 V N = 5,5 9,2 W	**Beide Systeme Gegentakt-AB-Betrieb** The two systems push-pull, class AB U_a = 200 250 V U_{g2} = 200 250 V R_k = 100 180 Ω I_{ao} = 2x24 2x21 mA $I_{a\ ausgest.}$ = 2x25 2x26 mA I_{g2o} = 2x4,5 2x4,2 mA $I_{g2\ ausgest.}$ = 2x6,5 2x9 mA R_{aa} = 12 11 kΩ $U_{g1\ eff}$ [2] = 4,8 8 V N = 5 8,5 W k = 5 5 % $U_{g1\ eff}$ (50 mW) = 0,5 0,5 V	per System U_a = 300 V N_a = 6 W U_{g2} = 300 V N_{g2} = 1,25 W $N_{g2\ ausgest.}$ = 2,5 W I_k = 40 mA R_{g1} = 2 MΩ $U_{f/k}$ = 100 V $R_{f/k}$ = 20 kΩ