NTE953:

Line Regulation	T_J = 25°C, $V_{OUT} \le 10V$, $(V_{OUT}$ 2.5V) $\le V_{IN} \le (V_{OUT}$ +20V)		–	–	1.0	%(V_{OUT})
	T_J = 25°C, $V_{OUT} \ge 10V$, $(V_{OUT}$ +3V) $\le V_{IN} \le (V_{OUT}$ +15V) $(V_{OUT}$ +3V) $\le V_{IN} \le (V_{OUT}$ +7V)		– –	– –	0.75 0.67	%(V_{OUT})
Load Regulation	T_J = 25°C, $V_{IN} = V_{OUT}$ +5V	250mA $\le I_{OUT} \le$ 750mA	–	–	1.0	%(V_{OUT})
		5mA $\le I_{OUT} \le$ 1.5A	–	–	2.0	%(V_{OUT})
Ripple Rejection	8V $\le V_{IN} \le$ 18V, V_{OUT} = 5V, f = 120Hz		62	78	–	dB
Output Noise Voltage	T_J = 25°C, 10Hz $\le$ f $\le$ 100kHz, V_{OUT} = 5V, I_{OUT} = 5mA		–	8	40	$\mu V/V_{OUT}$

Symbol	Parameter	Test Conditions		LM117/LM217			LM317			Unit
				Min.	Typ.	Max.	Min.	Typ.	Max.	
ΔV_o	Line Regulation	$V_i - V_o$ = 3 to 40 V	T_j = 25 °C		0.01	0.02		0.01	0.04	%/V
					0.02	0.05		0.02	0.07	%/V
ΔV_o	Load Regulation	$V_o \le 5V$ I_o = 10 mA to I_{MAX}	T_j = 25 °C		5	15		5	25	mV
					20	50		20	70	mV
		$V_o \ge 5V$ I_o = 10 mA to I_{MAX}	T_j = 25 °C		0.1	0.3		0.1	0.5	%
					0.3	1		0.3	1.5	%
e_N	Output Noise Voltage (percentance of V_O)	B = 10Hz to 10KHz T_j = 25 °C			0.003			0.003		%
SVR	Supply Voltage Rejection (*)	T_j = 25 °C f = 120 Hz	C_{ADJ}=0		65			65		dB
			C_{ADJ}=10 µF	66	80		66	80		dB