

Technical Specification 2003

**Trimmers, Brushcutters, Backpacks,
Edgers**



	Displacement Hubraum Cylindrie Cilindrada Slagvolum	Bore Bohrung Alésage Diámetro de cilindro Cylinderdiameter	Stroke Hub Course Carrera Slaglängd	Max power of speed Höchstleistung bei Puissance max. à Potencia máxima a Max effekt vid	Idling speed Leerlaufdrehzahl Régime de ralenti Régimen de ralentí Tomgångsvarvtal	Engagement Eingriffsdrehzahl Régime d'embrayage Régimen de acoplamiento Ingreppsvartal	No load free speed Höchstleistung Nombre de tours max. A maxima revolución Max rusvarvtal	Spark plug Zündkerze Bougie Bujía Tändstift	Electrode gap Elektrodenabstand Ecartement des électrodes Distancia entre electrodos Elektodavstånd	Ignition system Zündanlage Système d'allumage Carburador y reglaje Tändsystem	Air gap Luftspalt Ecartement Distancia Luftgap	Type of carburettor and setting Vergasertyp und Einstellung Carburateur et réglage Carburador y reglaje Förgasartyp och inställning		Fuel tank volume Füllmenge des Kraftstofftanks Débit du réservoir de carburant Capacidad del tanque de combustible Tankvolum bränsle	Weight Gewicht Poids Vikt	Angel gear reduction Unterstützung des Winkelgetriebes Demultiplication du Carter de renvoi Desmultiplicación Utvaxlingsförhållande	Shaft thread Gewinde der Antriebswelle Filet d'axe Eje de filete Axelgänga	Blade hole diameter Durchmesser der Sohlung des Sägeblatts Diámetro de alésage de la Diametero de agujero central de hoja Klingbohrer	Blade diameter Blattdurchmesser Diámetro de hoja Klingdiameter	Angle Winkel Angle Vinkel	Max. shaft speed Höchstleistung Antriebswelle Vitesse max. de axe Velocidad max. de eje Max axelhastighet
	cc	Ø mm	mm	kW(HP) rpm	rpm	rpm	rpm	mm inch	mm inch	mm inch	type	set *	liters	kg		mm inch	mm	deg	rpm		
E-tech II 326C	24.5	34.0	27.0	0.9 (1.2) 8 400	2 700	3 800	11 700	Champion RCJ 6Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 12	H=2* L=1*	0.50	4.6	1:1.00	3/8-24(R)	—	37°	11 700	
E-tech II 326L.326L/LD** X-Series	24.5	34.0	27.0	0.9 (1.2) 8 400	2 700	3 800	11 700 10 500**	Champion RCJ 6Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 12	H=2* L=1*	0.50	4.4/4.8	1:1.46	M10x1.25	25.4 1"	200-255	30°	8 000
E-tech II 326R X-Series	24.5	34.0	27.0	0.9 (1.2) 8 400	2 700	3 800	11 700**	Champion RCJ 6Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 12	H=2* L=1*	0.50	4.9	1:1.46	M10x1.25	25.4 1"	200-255	30°	8 000
E-tech II 326E X-Series	24.5	34.0	27.0	0.9 (1.2) 8 400	2 700	3 800	11 700**	Champion RCJ 6Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 12	H=2* L=1*	0.50	5.4	1:1.40	M10x1.25	25.4 1"	200	—	7 860- 8 360
E-tech II 326S X-Series	24.5	34.0	27.0	0.9 (1.2) 8 400	2 700	3 800	11 700**	Champion RCJ 6Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 12	H=2* L=1*	0.50	9.0	1:40	—	—	—	—	292
323C.325C X-Series	24.5	34.0	27.0	0.9 (1.2) 9 000	2 700	3 800	11 700	Champion RCJ 7Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 12	H=2* L=1	0.50	4.2/4.1/4.0	1:1.00	3/8-24(R)	—	—	37°	11 700
325E X-Series	24.5	34.0	27.0	0.9 (1.2) 9 000	2 700	3 800	11 700**	Champion RCJ 7Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 12	H=2* L=1	0.50	5.1	1:1.40	M10x1.25	25.4 1"	200	—	7 860- 8 360
323L/LD/325L X-Series/ LD** X-Series	24.5	34.0	27.0	0.9 (1.2) 9 000	2 700	3 800	11 700 10 500**	Champion RCJ 7Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 12	H=2* L=1	0.50	4.0/4.1/4.4	1:1.46	M10x1.25	25.4 1"	200-255	30°	8 000
325R** X-Series/ RJ** X-Series/ RD** X-Series	24.5	34.0	27.0	0.9 (1.2) 9 000	2 700	3 800	11 700** 10 500**	Champion RCJ 7Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 12	H=2* L=1	0.50	4.8/4.5 5.0/5.0	1:1.46	M10x1.25	25.4 1"	200-255	30°	8 000
323R/RJ	24.5	34.0	27.0	0.9 (1.2) 9 000	2 700	3 800	11 700**	Champion RCJ 7Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 12	H=2* L=1	0.50	4.5/4.2	1:1.46	M10x1.25	25.4 1"	200-255	30°	8 000
232L	30.8	35.0	32.0	1.1 (1.5) 8 400	2 700	3 800	11 500**	Champion RCJ 7Y	0.5 0.02	WALBRO CD	0.3 0.012	WALBRO WT 548	H=1* L=2*	0.50	6.2	1:1.40	M10x1.25	25.4 1"	—	35°	8 500
232R	30.8	35.0	32.0	1.1 (1.5) 8 400	2 700	3 800	11 500**	Champion RCJ 7Y	0.5 0.02	WALBRO CD	0.3 0.012	WALBRO WT 548	H=1* L=2*	0.50	6.5	1:1.40	M10x1.25	25.4 1"	200-275	35°	8 500
132R	31.8	38.0	28.0	0.9 (1.2) 6 500	3 000	3 900	11 000**	NGK BPM 6Y	0.7 0.03	IKED TCI	0.3 0.012	WALBRO WYJ	H=FIXED L=FIXED	0.80	6.1	1:1.33	M12x1.75	25.4 1"	200-255	35°	9 000
235R/RII	36.3/40.0	38.0/40.0	32.0	1.3 (1.7) 9 000	2 700	3 800	11 500**	Champion RCJ 7Y	0.5 0.02	WALBRO CD	0.3 0.012	WALBRO WT 548	H=1* L=2*	0.50	7.3	1:1.53	M12x1.75	25.4 1"	200-300	35°	7 800
240R	40.2	40.0	32.0	1.8 (2.4) 9 000	2 700	3 700	12 500	Champion RCJ 7Y	0.5 0.02	ELECTROLUX ET	0.3 0.012	WALBRO WT 99	H=1-1 1/4 L=1-1 1/4	0.80	8.6	1:1.36	M12x1.75	20.0	200-300	30°	9 190
240R EPA***	40.2	40.0	32.0	1.8 (2.4) 9 000	2 700	3 700	12 500	Champion RCJ 7Y	0.5 0.02	ELECTROLUX ET	0.3 0.012	ZAMA C1Q EL 10	H=1 1/10* L=1 1/4*	0.80	8.6	1:1.36	M12x1.75	20.0	200-300	30°	9 190
142R/142RB/142RJ	41.5	40.0	33.0	1.3 (1.7) 6 500	2 600	3 400	11 000**	NGK BPM 6Y	0.7 0.03	IKED TCI	0.3 0.012	WALBRO WYJ	H=FIXED L=FIXED	1.00	7.7/11.5 7.7	1:1.29	M12x1.75	25.4 1"	200-300	35°	9 300
245RX/245R	44.3	42.0	32.0	2.0 (2.7) 9 000	2 700	3 700	12 500	Champion RCJ 7Y	0.5 0.02	ELECTROLUX ET	0.3 0.012	WALBRO WT 99	H=1-1 1/4 L=1-1 1/4	0.80	8.4/8.6	1:1.36	M12x1.75	20.0	200-300	30°	9 190
245RX/245R EPA***	44.3	42.0	32.0	2.0 (2.7) 9 000	2 700	3 700	12 500	Champion RCJ 7Y	0.5 0.02	ELECTROLUX ET	0.3 0.012	ZAMA C1Q EL 10	H=1 1/10* L=1 1/4*	0.80	8.4/8.6	1:1.36	M12x1.75	20.0	200-300	30°	9 190
250R	48.7	44.0	32.0	2.1 (2.8) 9 000	2 700	4 300	12 500	Champion RCJ 7Y	0.5 0.02	ELECTROLUX ET	0.3 0.012	WALBRO HDA 142	H=1-1 1/4 L=1-1 1/4	0.80	9.2	1:1.36	M12x1.75	20.0	200-300	30°	9 190
152RB/152RJ	50.2	44.0	33.0	1.5 (2.0) 6 500	2 600	3 400	11 000**	NGK BPM 6Y	0.7 0.03	IKED TCI	0.3 0.012	WALBRO WYJ	H=FIXED L=FIXED	1.00	11.5/7.7	1:1.29	M12x1.75	25.4 1"	200-300	35°	9 300
252RX	50.8	45.0	32.0	2.4 (3.2) 9 000	2 700	4 300	14 000	Champion RCJ 7Y	0.5 0.02	ELECTROLUX ET	0.3 0.012	WALBRO HDA 142	H=1-1 1/4 L=1-1 1/4	0.80	8.9	1:1.36	M12x1.75	20.0	200-300	30°	10 300
252RX EPA***	50.8	45.0	32.0	2.4 (3.2) 9 000	2 700	4 300	13 500**	Champion RCJ 7Y	0.5 0.02	ELECTROLUX ET	0.3 0.012	WALBRO HDA 187	H=4/5* L=1 1/2*	0.80	8.9	1:1.36	M12x1.75	20.0	200-300	30°	9 930
265RX	65.1	48.0	36.0	3.0 (4.0) 8 400	2 250	3 500	11 500	Champion RCJ 7Y	0.5 0.02	SEM GA5 CD	0.3 0.12	TILLOTSON HS 121A	H=1-1 1/4 L=1-1 1/4	1.00	10.8	1:1.26	M12x1.75	20.0	200-300	25°	9 120
265RX EPA***	65.1	48.0	36.0	3.0 (4.0) 8 400	2 250	3 500	11 000**	Champion RCJ 7Y	0.5 0.02	SEM GA5 CO	0.3 0.12	TILLOTSON HS 304A	H=FIXED L=FIXED	1.00	10.8	1:1.26	M12x1.75	20.0	200-300	25°	8 730

◇ Do not exceed the max no load free speed or engine damage may occur. This figure is for broken in unit. Reduce rpm by 600-700 rpm for a new product. 106 23 62-72
 * Basic setting. Only applies to needles without caps fitted.
 ** Regulated ignition system.
 *** Only U.S. Ca.