

Technical Specification 2005

Trimmers, Brushcutters, Backpacks,
Edgers over 35cc



	Displacement Hubraum Cylindrée Slagvolyum	Bore Bohrung Diámetro de cilindro Cylinderdiameter	Stroke Hub Course Slaglängd	Max power of speed Höchstleistung bei Puissance max. à Potencia máxima a Max effekt vid	Idle speed Leerlaufdrehzahl Régime de ralenti Régimen de ralentí Tomgångsvarvtal	Engagement Eingriffsdrehzahl Régime d'embrayage Régimen de acoplamiento Ingreppsvartal	No load free speed Höchstzahl Nombre de tours max. A máxima revolución Max rusvarvtal	Spark plug Zündkerze Bougie Buja Tändstift	Electrode gap Elektrodenabstand Ecartement des électrodes Distancia entre electrodos Elektodavstånd	Ignition system Zündanlage Système d'allumage Sistema de encendido Tändsystem	Air gap Luftspalt Ecartement Distancia Luftgap	Type of carburetor and setting Vergaserart 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 Tankvolyum bränsle	Weight Gewicht Poids Peso Vikt	Angle gear reduction Unterstützung des Winkelgetriebes Démultiplication du carter de renvoi Desmultiplicación Unväxlingsförhållande	Shaft thread Gewinde der Antriebswelle Filet d'axe Eje de fleete Axeåtgånga	Blade hole diameter Durchmesser der Schürung des Blattblatts Diamètre d'alésage de Diameter de agujero central de hoja Klingdurchmesser	Blade diameter Blattdurchmesser Diámetro de hoja Klingdiameter	Angle Winkel Angle Ángulo Vinkel	Max. shaft speed Höchstzahl der Antriebswelle Vitesse max. de axe Velocidad max. de eje Max axelhastighet	
	cc	Ø mm	mm	kW(HP) rpm	rpm	rpm	** rpm	NGK Champion	mm inch	type	mm inch	type	set *	liters	kg		mm inch	mm	deg	rpm	
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
240F/R	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	8.4/8.6	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 BPM R6Y	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
345Fx/345FxT	43.0	41.0	32.5	2.1 (2.8) 9 600	2 800	3 800	13 500	Champion RCJ 6Y	0.5 0.02	SEM AM 49	0.3 0.012	ZAMA C1Q EL 21	H=1 L=1	0.90	7.9/8.0	1:1.29	M12x1.75	20.0	200-300	24°	10 500
343R/345Rx	45.0	42.0	32.5	2.0 (2.7) 9 000	2 800	3 800	12 500	Champion RCJ 6Y	0.5 0.02	SEM AM 49	0.3 0.012	ZAMA C1Q EL 22	H=1 L=1	0.90	8.2/8.0	1:1.40	M12x1.75	25.4 1"	200-300	35°	8 900
343F	45.0	42.0	32.5	2.0 (2.7) 9 000	2 800	3 800	13 500	Champion RCJ 6Y	0.5 0.02	SEM AM 49	0.3 0.012	ZAMA C1Q EL 21	H=1 L=1	0.90	7.9	1:1.29	M12x1.75	20.0	200-300	24°	10 500
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 R6Y	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	50.9	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***	50.9	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

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◇ 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. 544 19 72-02

* Basic setting. Only applies to needles without caps fitted.

** Regulated ignition system.

*** Only U.S. Ca.