

# Technical Specification 2005

Trimmers, Brushcutters, Backpacks,  
Edgers under 30cc



	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 Tomgångsvarvtal	Engagement Eingriffsdrehzahl Régime d'embrayage Régimen de acoplamiento Ingreppsvärvtal	No load free speed Höchstzahl Nombre de tours max. A maxima revolución Max rusvarvtal	Spark plug Zündkerze Bougie Buja Tändstift	Electrode gap Elektrodenabstand Ecartement des électrodes Distancia entre electrodos Elektrodstavstånd	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 regulación Förgäsarart och inställning	Fuel tank volume Füllmenge des Kraftstofftanks Débit du réservoir de carburant Capacidad del tanque de combustible Tankvolyum bränsle	Weight Gewicht Poids Vikt	Angle gear reduction Unterstützung des Winkelgetriebes Démultiplication du carter de renvoi Desmultiplicación Unvæxlingsforhållende	Shaft thread Gewinde der Antriebswelle Filet d'axe Eje de fleete Åxelgånga	Blade hole diameter Durchmesser der Schraube des Blattbolzens Diamètre d'alesage de lame Diámetro de agujero central de hoja Klinglochsdiämter	Blade diameter Blattdurchmesser Diámetro de hoja Klingdiameter	Angle Winkel Angle Ángulo Vinkel	Max. shaft speed Höchstzahl der Antriebswelle 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		
<b>123C</b>	24.5	34.0	27.0	0.65 (0.85) 7 800	2 700	3 800	11 700	Champion RCJ 6Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 24	H=2* L=1*	0.50	4.0	1:1.00	3/8-24(R)	—	37°	11 700	
<b>123L/LD</b>	24.5	34.0	27.0	0.65 (0.85) 7 800	2 700	3 800	11 700	Champion RCJ 6Y	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL 24	H=2* L=1*	0.50	4.2	1:1.46	M10x1.25	—	30°	8 000	
<b>223</b>	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 24	H=2* L=1*	0.50	4.2	1:1.46	M10x1.25	—	30°	8 000	
<b>326C</b>	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 24	H=2* L=1*	0.50	4.6	1:1.00	3/8-24(R)	—	37°	11 700	
<b>326L.326L/LD** X-Series</b>	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 24	H=2* L=1*	0.50	4.4/4.8	1:1.46	M10x1.25	25.4 1"	200-255	30°	8 000
<b>326RJ X-Series 326R X-Series</b>	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 24	H=2* L=1*	0.50	4.9	1:1.46	M10x1.25	25.4 1"	200-255	30°	8 000
<b>326E X-Series</b>	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 24	H=2* L=1*	0.50	5.4	1:1.40	M10x1.25	25.4 1"	200	—	7 860- 8 360
<b>326S X-Series</b>	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 24	H=2* L=1*	0.50	9.0	1:40	—	—	—	—	292
<b>323C.325C X-Series</b>	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 24	H=2* L=1	0.50	4.2/4.1/4.0	1:1.00	3/8-24(R)	—	37°	11 700	
<b>325E X-Series</b>	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 24	H=2* L=1	0.50	5.1	1:1.40	M10x1.25	25.4 1"	200	—	7 860- 8 360
<b>323L/LD/325L X-Series/LD** X-Series</b>	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 24	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
<b>325R** X-Series RJ** X-Series/RD** X-Series</b>	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 24	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
<b>323R/RJ</b>	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 24	H=2* L=1	0.50	4.5/4.2	1:1.46	M10x1.25	25.4 1"	200-255	30°	8 000
<b>324L/LD X-Series</b>	25.0	35.0	26.0	0.8 (1.1) 7 000	3 100	4 200	11 000**	NGK CMR 5H	0.6 0.025	Ikeda	0.3 0.012	WALBRO WYB 6B	H=FIXED L=FIXED	0.50	5.1/5.4	1:1.46	M10x1.25	25.4 1"	—	30°	8 300
<b>324R X-Series</b>	25.0	35.0	26.0	0.8 (1.1) 7 000	3 100	4 200	11 000**	NGK CMR 5H	0.6 0.025	Ikeda	0.3 0.012	WALBRO WYB 6B	H=FIXED L=FIXED	0.50	5.5	1:1.46	M10x1.25	25.4 1"	200-255	30°	8 300
<b>125C</b>	28.0	35.0	28.7	0.8 (1.1) —	3 000	4 200	10 000**	Champion RCJ 8Y	0.6 0.025	WALBRO MBU-7	0.3 0.012	ZAMA C1Q W31	H=FIXED L=FIXED	0.40	4.4	1:1.00	3/8-24(R)	—	37°	10 000	
<b>125L</b>	28.0	35.0	28.7	0.8 (1.1) —	3 000	4 200	10 000**	Champion RCJ 8Y	0.6 0.025	WALBRO MBU-7	0.3 0.012	ZAMA C1Q W32	H=FIXED L=FIXED	0.40	4.8	1:1.46	M10x1.25	25.4 1"	255	30°	6 850
<b>232L</b>	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
<b>232R</b>	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
<b>132RJ.132R</b>	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
<b>333R/335Rx</b>	34.6	38.0	30.5	1.6 (2.2) 8 400	2 800	4 000	11 500**	NGK CMR 6A	0.5 0.02	WALBRO CD	0.3 0.012	ZAMA C1Q EL30	H=2* L=1 1/2*	0.60	6.1/6.2	1:1.40	M12x1.75	25.4 1"	200-300	35°	8 220

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### Trimmers, Brushcutters, Backpacks, Edgers -35cc

◇ 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 72-01  
 \* Basic setting. Only applies to needles without caps fitted.  
 \*\* Regulated ignition system.  
 \*\*\* Only U.S. Ca.