



Technical Specification

Spare parts
Ersatzteile
Pièces détachées
Reserve onderdelen
Repuestos
Reservdelar



	Displacement Hubraum Cylindrada Slagvolyt	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 Ingreppvarvtal	No load free speed Höchstleerzahl Nombre de tours max. A máxima revolución Max rusvarvtal	Spark plug Zündkerze Bougie Bujía Tändstift	Electrode gap Elektrodenabstand Écartement des électrodes Distancia entre electrodos Elektrodstavstånd	Ignition system Zündanlage Système d'allumage Sistema de encendido Tändsystem	Air gap Luftspalt Écartement Distancia Luftgap	Type of carburetor and setting Vergasertyp und Einstellung Carburateur et réglage Carburador y réglaje Förgasartyp och inställning	Fuel tank volume Füllmenge des Kraftstofftanks Débit du réservoir de carburant Capacidad del tanque de combustible Tankvolyt bränsle	Weight Poids Peso Vikt	Angle gear reduction Vinkelgetriebe Cambio de velocidad Desmultiplicación Övrigt Uväxlingsförhållande	Shaft thread Gewinde der Antriebswelle Filet d'axe Eje de filete Åxelgänga	Blade hole diameter Durchmesser der Bohrung des Blattes Diámetro d'aleasaje de la parte central de hoja Klingdurchmesser	Blade diameter Diamètre de lame Diámetro de hoja Klingdiameter	Angle Vinkel Ángulo Vinkel	Max. shaft speed Höchstzahl der Antriebswelle Velocidad max. de eje Max axelhastighet	
	cc	Ø mm	mm	kW(HP) rpm	rpm	rpm	rpm	mm inch	mm inch	type	mm inch	type	set *	liters	kg		mm inch	mm	deg	rpm	
223L	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 MB 51	0.3 0.012	ZAMA C1Q EL 24	H=2* L=1*	0.50	4.2	1:1.46	M10x1.25	—	—	30Y	8 000
323R	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 MB 51	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	30Y	8 000
325R** X-Series, 325RD** 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 MB 51	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	30Y	8 000
323L, 325LD** 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 MB 51	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	30Y	8 000
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 MB 51	0.3 0.012	ZAMA C1Q EL 24	H=2* L=1*	0.50	4.6	1:1.00	3/8-24(R)	—	—	37Y	11 700
326RJ X-Series, 326R X-Series, 326LS, 326L, 326/LD** 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 MB 51	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	30Y	8 000
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 MB 51	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
326ES	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 MB 51	0.3 0.012	ZAMA C1Q EL 24	H=2 L=1	0.50	5.2	1:2.538	M8x1.00	25.4 1"	200	90Y	4 610
327R, 327RD X-Series, 323RII, 327RJ 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 MB 51	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	30Y	8 000
324L/LD X-Series	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"	—	30Y	8 300
324R X-Series	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	30Y	8 300
124C, 125C	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=2 1/4 L=2	0.40	4.4	1:1.00	3/8-24(R)	—	—	37Y	10 000
125R, 125RJ, 125LD X-Series, 125L	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=2 1/4 L=2	0.40	4.8	1:1.40	M10x1.25	25.4 1"	255	30Y	6 850
132RJ	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	IKEDA 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	35Y	8 270
133R	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	IKEDA TCI	0.3 0.012	WALBRO WYJ	H=FIXED L=FIXED	0.80	6.1	1:1.46	M10x1.25	25.4 1"	200-300	30Y	7 534
335FR, 333R, 335R X-Series,	34.6	38.0	30.5	1.6 (2.2) 8 400	2 800	4 000	11 500**	Champion RCJ 6Y	0.5 0.02	WALBRO MBU 10	0.3 0.012	ZAMA C1Q EL30	H=2* L=1 1/2*	0.60	6.2	1:1.40	M12x1.75	25.4 1"	200-300	35Y	8 220
333RJ, 335LS, 335RJ X-Series	34.6	38.0	30.5	1.6 (2.2) 8 400	2 800	4 000	11 800**	Champion RCJ 6Y	0.5 0.02	WALBRO MBU 10	0.3 0.012	ZAMA C1Q EL30	H=2 L=1 1/2	0.60	6.1	1:1.29	M12x1.75	25.4 1"	200-300	35Y	8 900
235FR, 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	35Y	7 800
241R	40.3	41.0	30.5	1.4 (1.9) 8 400	2 800	4 000	11 600	NGK BPMR7A	0.5 0.02	SEM C1Q	0.3 0.012	ZAMA C1QEL	H=1.1 L=1.0	0.90	6.8	1:1.40	M12x1.75	25.0 1"	200-330	35Y	8 285
143R	41.5	40.0	33.0	1.3 (1.7) 6 500	2 600	3 400	11 000**	NGK BPM 6Y BPM 6Y	0.7 0.03	IKEDA TCI	0.3 0.012	WALBRO WYJ	H=FIXED L=FIXED	1.00	7.7/11.5 7.7	1:1.40	M12x1.75	25.4 1"	200-300	35Y	7 857
142RB, 142RJ	41.5	40.0	33.0	1.3 (1.7) 6 500	2 600	3 400	11 000**	NGK BPM 6Y BPM 6Y	0.7 0.03	IKEDA 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	35Y	9 300
143RII	41.5	40.0	33.0	1.5 (2.0)	2 500	3 300	12 000**	NGK BPMR7A	0.6 0.025	CDI IKEDA	0.3 0.012	WALBRO WYJ	H=FIXED L=FIXED	0.95	7.3	1:1.40	M12x1.75	25.4	200-300	35Y	8 571
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	25.4	200-300	24Y	10 500
343FRM, 343FR, 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 21	H=1 L=1	0.90	8.2/8.0	1:1.40	M12x1.75	25.4 1"	200-300	35Y	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	25.4	200-300	24Y	10 500
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	IKEDA 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	35Y	9 300
153R	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	IKEDA TCI	0.3 0.012	WALBRO WYJ	H=FIXED L=FIXED	1.00	11.5/7.7	1:1.40	M12x1.75	25.4 1"	200-300	35Y	7 857
355FR, 355FRM, 355Rx	53.3	45.0	33.5	2.8 (3.8) 8 700	2 800	3 700	12 000**	NGK BPMR7A	0.5 0.02	Walbro MBU	0.3 0.012	WALBRO WTE7	H=2 L=2	1.10	9.2	1:1.46	M12x1.75	25.4	200-350	35Y	8 220
355Fx, 355FxT	53.3	45.0	33.5	2.8 (3.8) 9 000	2 800	3 700	13 000**	NGK BPMR7A	0.5 0.02	Walbro MBU	0.3 0.012	WALBRO WTE7	H=2 L=2	1.10	8.9/9.1	1:1.29	M12x1.75	25.4	200-350	24Y	10 078

Technical Specification 2008

Trimmers, Brushcutters, Backpacks, Edgers

◆ 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.

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

** Regulated ignition system.

*** Only U.S. Ca.