
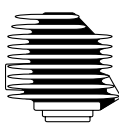


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IPL, Technical Specification, 1998-09, 106 25 16-61

# Technical Specification

## Chain Saws, Power Cutters and Stump Grinder

# Technical Specification 1998

## Chain Saws, Power Cutters and Stump Grinder



	Displacement Hörlöslinje Cilindrada Pogojem	Bore Bohrung Alésage Diámetro de cilindro Cylindermåttare	Stroke Hub Course Carrera Slaglängd	Max power of speed Höchstleistung bei Puissance max. à Potencia máxima a Huvudeffekt vid	Idle speed Leerlaufdrehzahl Régime de ralenti Regimen de ralentí Tomgångvarvtal	Engagement Engerförlighet Régime d'embrayage Regimen de encendido Ingreppvarvtal	No load free speed Höchstzahl A máxima revolución Max ruzvarvtal	Spark plug Zündkerze Bougie Buja Tändstift NGK Bosch Champion	Electrode gap Elektrodenabstand Écartement des électrodes Distancia entre electrodos Elektrodenstånd	Ignition system Zündanlage Système d'allumage Regimen de encendido Tändsystem	Air gap Luftspalt Écartement Distancia Luftgap	Type of carburetor and setting Vergaser og innstilling Carburateur et réglage Förgasare og inställning	Fuel tank volume Fyllning av Kraftstofftank Débit du réservoir de carburant Capacidad del tanque de combustible Tankvolym bränsle	Oil pump capacity Öljupumpkapasitet Débit de la pompe à huile Capacidad de la bomba de aceite Kapacitet oljepump	Oil tank volume Fyllning av Oljetank Débit du réservoir d'huile Capacidad de la epasa de aceite Tankvolym kedolja	Bar length Schwertslänge Longueur de guide Longitud de la espada Svarthårlängd	Chain speed Kettgeschwindigkeit Vitesse de chaîne Velocidad de la cadena Kedjelängd	Chain pitch Kettensättning Paso de la cadena Kedjedättning	Drive link gauge Trögåder Maillons Eslabones Drivlink	Weight Gewichte Poids Peso Vikt	Weight with guide bar and chain Gewichte stochl. Sähone und Kette Poids avec guide-barre et chaîne Vikt med svärd och kedja	
	cc	Ø mm	mm	rpm	rpm	rpm	rpm	mm	type	mm	type	set.*	liters	ml/min (8500 rpm)	liters	inch cm	m/sec	inch	mm	kg	kg	
Electric 1400	—	—	—	5 200	—	—	—	—	—	—	—	—	—	4.0	0.10	13"-15" 33-38	15.0	.325"	1.3	3.7	4.5	
Electronic 1600	—	—	—	6 500	—	—	—	—	—	—	—	—	—	5.0	0.10	13"-15" 33-38	15.0	.325"	1.3	3.7	4.5	
Electric 16	—	—	—	4 500	—	—	—	—	—	—	—	—	—	5.0	0.10	12"-16" 30-40	14.0	.325" / 3/8"	1.3	3.7	4.5	
335XPT	35.2	38.0	31.0	9 600	2 800	4 100	13 800	BPMR 7A WSR 7 F RCJ 7Y	0.7	FHP CD	0.3	WALBRO WT 459B	4	0.30	2.8-7.1	0.16	12"-16" 30-40	18.3	3/8"	1.3	3.4	4.1
136	36.3	38.0	32.0	9 000	3 000	4 500	13 000	BPMR 7A WSR 7 F RCJ 7Y	0.5	PHELON CD	0.3	WALBRO WT 239	H = 1 1/4 L = 1 1/4	0.41	6.0-8.0	0.20	13"-15" 33-38	16.3	.325" / 3/8"	1.5	4.6	5.3
141	40.2	40.0	32.0	9 000	3 000	4 500	13 000	BPMR 7A WSR 7 F RCJ 7Y	0.5	PHELON CD	0.3	WALBRO WT 239	H = 1 1/4 L = 1 1/4	0.41	6.0-8.0	0.20	13"-15" 33-38	16.3	.325" / 3/8"	1.5	4.6	5.3
340	40.8	40.0	32.5	9 000	2 700	3 800	12 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	FHP CD	0.3	WALBRO HDA 154A	H = 1 L = 1	0.50	9.0	0.25	13"-18" 33-45	17.3	.325"	1.3	4.7	5.4
345	45.0	42.0	32.5	9 000	2 700	3 800	12 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	FHP CD	0.3	WALBRO HDA 154A	H = 1 L = 1	0.50	9.0	0.25	13"-18" 33-45	17.3	.325"	1.3	4.7	5.4
350	49.4	44.0	32.5	9 000	2 700	3 800	13 000	BPMR 7A WSR 7 F RCJ 7Y	0.5	FHP CD	0.3	WALBRO HDA 154A	H = 1 L = 1	0.50	5.0-10.0	0.26	13"-20" 33-50	17.3	.325"	1.3	4.8	5.5
242XP	41.6	42.0	30.0	9 900	2 700	3 900	15 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	SEM AM7	0.3	WALBRO HDA 98	H = 1 L = 1	0.52	2.8-7.1	0.27	11"-18" 28-45	19.1	.325"	1.3 / 1.5	4.7	5.4 / 5.5
246	45.6	44.0	30.0	9 000	2 700	3 900	15 000	BPMR 7A WSR 7 F RCJ 7Y	0.5	SEM AM7	0.3	WALBRO HDA 98	H = 1 L = 1	0.52	2.8-7.1	0.27	11"-18" 28-45	17.3	.325"	1.3 / 1.5	4.7	5.4 / 5.5
346XP	45.0	42.0	32.5	9 600	2 700	3 800	15 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	FHP CD	0.3	WALBRO HDA 154A	H = 1 L = 1	0.50	5.0-10.0	0.28	13"-18" 33-45	18.5	.325"	1.3 / 1.5	4.8	5.5 / 5.6
351	49.4	44.0	32.5	9 000	2 700	3 800	13 000	BPMR 7A WSR 7 F RCJ 7Y	0.5	FHP CD	0.3	WALBRO HDA 154A	H = 1 L = 1	0.50	4.7-8.5	0.28	13"-20" 33-50	17.3	.325"	1.3 / 1.5	4.8	5.5 / 5.6
51	50.9	45.0	32.0	9 000	2 500	3 700	12 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	FHP ET	0.3	ZAMA CIQ-EL6	H = 1 L = 1	0.60	8.5	0.30	15"-18" 38-45	17.4	.325"	1.3 / 1.5	5.2	6.2
55	53.2	46.0	32.0	9 000	2 500	3 700	12 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	FHP ET	0.3	ZAMA CIQ-EL6	H = 1 L = 1	0.60	8.5	0.30	13"-20" 33-50	17.4	.325" / 3/8"	1.3 / 1.5	5.2	5.9 / 6.0
254XP	54.1	45.0	34.0	9 300	2 700	3 700	13 800	BPMR 7A WSR 7 F RCJ 7Y	0.5	ELECTROLUX ET	0.3	WALBRO HDA 35B	H = 1 1/2 L = 1 1/4	0.60	4.2-11.3	0.30	13"-20" 33-50	17.3	.325" / 3/8"	1.5	5.4	6.4
257	56.5	46.0	34.0	9 000	2 700	3 700	13 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	ELECTROLUX ET	0.3	WALBRO HDA 120	H = 1 L = 1	0.60	4.2-11.3	0.25	13"-20" 33-50	17.3	.325" / 3/8"	1.5	5.6	6.6
262XP	61.5	48.0	34.0	9 600	2 700	3 400	13 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	ELECTROLUX ET	0.3	WALBRO HDA 120	H = 1 L = 1	0.60	4.2-11.3	0.30	13"-20" 33-50	18.5	.325" / 3/8"	1.5	5.8	6.8
362XP	62.4	47.0	36.0	9 600	2 700	3 500	13 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	FHP CD	0.3	WALBRO HD 6A	H = 1 1/4 L = 1 1/4	0.77	4.2-19.8	0.40	13"-20" 33-50	21.4	.325" / 3/8"	1.5	5.9	6.7
61	61.5	48.0	34.0	8 300	2 500	3 500	12 000	BPMR 7A WSR 7 F RCJ 7Y	0.5	ELECTROLUX ET	0.3	TILLOTSON HS254	H = 1 L = 1	0.75	5.9-18.4	0.40	15"-20" 38-50	18.4	3/8"	1.5	6.1	7.1
268K	67.0	50.0	34.0	9 000	2 500	3 500	10 000	BPMR 7A WSR 7 F RCJ 7Y	0.5	ELECTROLUX ET	0.3	TILLOTSON HS 255	H = 3/4 L = 1	0.75	—	—	—	—	—	—	9.5	—
365	65.1	48.0	36.0	9 000	2 700	3 500	12 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	FHP CD	0.3	ZAMA C3M	H = 1 1/4 L = 1 1/4	0.77	4.2-19.8	0.40	15"-28" 38-70	20.7	3/8"	1.5	6.0	7.1
272K	72.0	52.0	34.0	9 300	2 500	3 500	10 000	BPMR 7A WSR 7 F RCJ 7Y	0.5	ELECTROLUX ET	0.3	TILLOTSON HS 255	H = 1 L = 1	0.75	—	—	—	—	—	—	9.6	—
272S	72.0	52.0	34.0	9 300	2 500	3 500	10 000	BPMR 7A WSR 7 F RCJ 7Y	0.5	ELECTROLUX ET	0.3	TILLOTSON HS255	H = 3/4 L = 1	0.75	—	—	—	—	—	—	24.5	—
371XP	70.7	50.0	36.0	9 600	2 700	3 500	13 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	FHP CD	0.3	WALBRO HD 6A	H = 1 1/4 L = 1 1/4	0.77	4.2-19.8	0.40	15"-28" 38-70	21.4	3/8"	1.5	5.9	7.0
281XP	80.7	52.0	38.0	9 000	2 500	3 200	12 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	SEM AM7	0.3	TILLOTSON HS 228	H = 1 L = 1	0.90	9.0-12.0 15.0-18.0	0.50	15"-28" 38-70	20.0	3/8"	1.5	7.5	8.9
288XP	87.0	54.0	38.0	9 300	2 500	3 200	12 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	SEM AM7	0.3	TILLOTSON HS 228	H = 1 L = 1	0.90	9.0-12.0 15.0-18.0	0.50	18"-28" 45-70	20.7	3/8"	1.5	7.5	8.9
394XP	93.6	56.0	38.0	8 800	2 500	3 400	12 500	BPMR 7A WSR 7 F RCJ 7Y	0.5	SEM CD	0.3	WALBRO WJ 71	H = 1 1/2 L = 1 1/4	0.90	14.2-21.2	0.50	18"-42" 45-105	19.6	3/8" / .404"	1.5	7.9	9.3
3120XP	118.8	60.0	42.0	9 000	2 500	3 300	12 000	BPMR 7A WSR 7 F RCJ 7Y	0.5	SEM CD	0.3	WALBRO WG 6	L = 1	1.27	28.0-51.0	0.70	24"-42" 60-105	20.1	.404"	1.6	10.4	12.7

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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.  
1 \* See owners manual and service bulletin.

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