



**2014-2018 Model Test RPM Data  
Supplement to MIC Stationary Sound Test Manual  
for Off-Highway Motorcycles, ATVs, & ROVs**

ARCTIC CAT, TEXTRON OFF ROAD ATVs / ROVs								BRP / CAN-AM ATVs / ROVs							
ENGINE	MODEL	ENGINE	MODEL YEAR					ENGINE	MODEL	ENGINE	MODEL YEAR				
SIZE (cc)		PREFIX	2014	2015	2016	2017	2018	SIZE (cc)		PREFIX	2014	2015	2016	2017	2018
TEST RPM								TEST RPM							
90	Alterra, Alterra DVX, 2x4 Utility, DVX	AC20	3650	3650	3750	3750	3750	70	DS 70	DS 70	4000				
150	Alterra, 2x4 Utility	AC30	3875	3875	3875	3875	3875	90	DS 70 4 Stroke	DS 70				3000	3000
300	Alterra, 2x4 Utility, DVX	AC60	3750	3750	3750	3750	3750		DS 90 4 Stroke	DS 90 4	4000	4000	4000	4000	4000
400	4x4 FIS, Alterra FIS	AC70	3500	3500	3500	3500		250	DS 250 4 Stroke	DS 250 4	3050	3050	3050	3050	3050
	4x4 TRV	AC70	3210					400	Outlander 400	Rotax 400	3750				
450	4x4 FIS, 4x4 XC	AC90	3600	3600	3600	3600		450	DS 450	DS 450	3950	3950			
500	4x4 FIS, TRV	AC90	3525	3525	3525	3525			Outlander 450	Rotax 450		3625	3625	3625	3625
	4x4 Prowler HDX	AC90	3750	3750	3750	3750	3750		Defender HD5	HD5				3625	3625
	Alterra	AC90			3750			500	Outlander 500	Rotax 490	4000	4000			
	Alterra FIS	AC90				3600	3600		Renegade 500	Rotax 490	4000	4000			
550	4x4 FIS, TRV	0550A	3425	3425		3425		570	Outlander 570	Rotax 549			3625	3625	3625
	XR FIS	0550A		3250	3250				Renegade 570	Rotax 549			3625	3625	3625
	4x4 Prowler	0550A	3145	3145				650	Outlander 650	Rotax 660	4000	4000	4000	4000	4000
700	4x4 FIS	0700A	3150			3200		800	Outlander 800	Rotax 810	3500	3500			
	4x4 XR FIS	0700A		3200	3200				Renegade 800	Rotax 810	3500	3500			
	4x4 Mud Pro, TBX, TRV	0700A	3325	3325	3325	3325	3325		Commander 800	Rotax 810	3625	3625	3625	3625	3625
	4x4 Diesel FIS	LDW	1800	1800					Defender 800	Rotax 810			2750		
	4x4 Prowler	0700A	2950	2950	2950	2950			Defender HD8	HD8				2750	2750
	Alterra VLX, VLX EPS	0700A				3200	3150		Maverick Trail	800					2625
	4x4 Prowler HDX	0700A	3250	3250	3250			850	Outlander 850	Rotax 850			3500	3500	3500
	4x4 HDX	0700A				3250			Renegade 850	Rotax 850			3500	3500	3500
	4x4 HDX Crew	D700AQ				3250		900	Maverick X3	900 HO					4000
	4x4 Wildcat Trail, XT, LTD	ACAD	3775	3775	3775	3775	3775		Maverick X3 Turbo	Turbo					3625
	4x4 Wildcat Sport, XT, LTD	ACAD		3775	4000	4000	4000		Maverick X3 Turbo R	Turbo R				3500	3625
850	Stampede, 4, 4X, X	1*					3750	1000	Commander 1000	Rotax 1010	3500	3500	3500	3500	
1000	Havoc X	2*					4150		Commander 1000R	1000R					3625
	4x4 FIS	0950T	3450	3450	3450	3450			Outlander 1000	Rotax 1010	3500	3500	3500	3500	3500
	4x4 TRV	0950T	3400	3400		3400			Outlander 1000R	Rotax 1010			3625	3625	3625
	4x4 Mud Pro	0950T	3400	3400		3450			Renegade 1000	Rotax 1010	3500	3500			
	4x4 Prowler XTZ	0950T	3450	3450	3400	3400			Renegade 1000R	Rotax 1010			3625	3625	3625
	4x4 Wildcat, Wildcat 4	0950T	3410	3410					Maverick 1000	Rotax 1010	3875	3875	3875	3875	3875
	4x4 Wildcat X, X LTD, 4X, 4X LTD	0950T	3475	3475	3600		3600		Maverick 1000T	Rotax 1010T		3625	3625	3625	
	4x4 Wildcat Xpro	0950T				3600			Defender 1000	Rotax 1010			3635		
									Defender HD10	HD10				3625	3625
									Maverick Trail	1000					2750

\* - The engine prefix is the fifth character of the VIN.

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HONDA MOTORCYCLES							
ENGINE	MODEL	ENGINE	MODEL YEAR				
SIZE (cc)		PREFIX	2014	2015	2016	2017	2018
TEST RPM							
50	CRF50F	AE03E	4250	4250	4250	4250	4250
110	CRF110F	D1J1, JE02E	3750	3750	3750	3750	3750
125	CRF125F/FB	JE03E	3500	3500	3500	3500	3500
150	CRF150F	KE02E	4250	4250	4250	4250	
	CRF150R*/RB*	KE03E	6250	6250	6250	6250	6250
230	CRF230F	ME09E	4000	4000	4000	4000	
250	CRF250L, CRF250L Rally	MD38E	4250	4250	4250	4250	4250
	CRF250X	ME11E		4500	4500	4500	
	CRF250R*	ME10E	5500	5500	5500	5750	6250
450	CRF450R*	PE05E	4500	4500	4500		
	CRF450R*, CRF450RX*	PE08E				4750	4750
	CRF450X	PE06E	3750	3750	3750	3760	
650	XR650L	RD06E	3000	3000	3000	3000	3000
1000	CRF1000L, CRF1000L2, CRF1000D, CRF1000D2	SD04E			3750	3750	3750

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HONDA-MONTESA MOTORCYCLES							
ENGINE	MODEL	ENGINE	MODEL YEAR				
SIZE (cc)		PREFIX	2014	2015	2016	2017	2018
TEST RPM							
260	Cota 4RT 260*	NN4E		3500	3500	3500	3500
	Cota 4R Race Replica*	NN4E	3500	3500	3500		
300	Cota 300RR*	NN4E			3500	3500	3500

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HUSABERG MOTORCYCLES							
ENGINE	MODEL	ENGINE	MODEL YEAR				
SIZE (cc)		PREFIX	2014	2015	2016	2017	2018
TEST RPM							
250	TE 250*	548	4200	N/A	N/A		
	FE 250	774	5100	N/A	N/A		
300	TE 300*	549	4200	N/A	N/A		
350	FE 350	775	4700	N/A	N/A		
500	FE501	787	4200	N/A	N/A		

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HONDA ATVs /ROVs										
ENGINE	MODEL	ENGINE	MODEL YEAR							
SIZE (cc)		PREFIX	2014	2015	2016	2017	2018			
TEST RPM										
90	TRX90X	TE18E	3750	3750	3750	3750	3750			
250	TRX250X	TE27E	3500		3500	3500	3500			
	TRX250TM/TE	TE21E, TE48E	3250		3250	3250	3250			
400	TRX400X	TE23E	3500							
420	TRX420FA/FPA	TE37E	3250							
	TRX420FA5/FA6	TE47E		3250	3250	3250	3250			
	TRX420FA1/FA2	TE41E	3250	3250	3250	3250	3250			
	TRX420FE1/FM1/ FM2/TE1/TM1	TE39E, TE40E,TE41E	3125	3125	3125	3125	3125			
450	TRX450R	TE32E	3750							
500	TRX500FA/FPA	TE26E	3250							
	TRX500FE1/FE2/FM1/FM2	TE31E, TE44E	3000	3000	3000	3000	3000			
	TRX500FA5/FA6/FA7/FM5/FM6/FM7	TE45E,TE46E		3000	3000	3000	3000			
	SXS500	VE03E		3000	3000	3000	3000			
680	TRX680FA	TE33E	3000	3000	3000	3000	3000			
700	SXS700	VE01E	2750	2750	2750	2750	2750			
1000	SXS1000	VE04E			3000	3000	3000			

HUSQVARNA MOTORCYCLES										
ENGINE	MODEL	ENGINE	DEL YEAR							
SIZE (cc)		PREFIX	2014	2015	2016	2017	2018			
TEST RPM										
50	TC 50*	452				5400	5400			
65	TC 65*	462				5100	5100			
85	TC 85*	BET	5700	5700	5700	5700	5700			
125	TC 125*, TE 125*	503, 504	5700	5700	5700	5700	5700			
150	TE 150*	516				6000	6000			
250	TC 250*	548, 554	4200	4200	4200	4200	4200			
	TE 250*	548,554	4250	4250	4250	4250	4250			
	FC250*, FE 250	777, 790	6000	6000	6000					
	FE250	790				4700	4700			
300	TE 300*, TX300*	549, 556	4250	4250	4250	4250	4250			
350	FC 350*, FX 350*	778, 792	5500	5500	5500	5500	5500			
	FE 350	775		4300	4300	4700	4700			
450	FC 450*, FX 450*, FS 450*	789, 794	4700	4700	4700	4700	4700			
	FE 450	781			4400					
	FE 450	794				4500	4500			
500	FE 501	787		4400	4400					
	FE 501	796				4500	4500			
690	701 Enduro	760			3500					
	701 Enduro	766				4200	4200			

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**KAWASAKI MOTORCYCLES**

ENGINE SIZE (cc)	MODEL	ENGINE PREFIX	MODEL YEAR				TEST RPM
			2014	2015	2016	2017	
65	KX65-AE-F-G-H-J*	KX065AE	6250	6250	6250	6250	6250
85	KX85-CE-F-G-H-J*	KX085CE	6000	6000	6000	6000	6000
100	KX100-FE-F-G-H-J*	KX100FE	6000	6000	6000	6000	6000
110	KLX110-CE-F-G-H-J KLX110-DE-F-G-H-J	LX110AE	3750	3750	3750	3750	3750
140	KLX140-AE-F-G-H-J KLX140-BE-F-G-H-J KLX140-CH-J	LX140AE	4000	4000	4000	4000	4000
250	KX250-ZE-F*	KX250ZE	6000	6000	6000		
	KX250-AE-H-J*	KX250ZE				5750	6000
	KLX250-SJ	LX250DE					3875
450	KX450-FE-F*	KX450FE	4250	4250			
	KX450-HG-H-J*	KX450HE			4500	4500	4500
650	KL650-EH-J	KL650AE	3250	3250	3250	3250	3250
1000	ZX1000-PF-G*, ZX1000-YH-J*	ZXT00NE		7000	7000	7000	7000

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**KAWASAKI ATVs / ROVs**

ENGINE SIZE (cc)	MODEL	ENGINE PREFIX	MODEL YEAR				TEST RPM
			2014	2015	2016	2017	
50	KSF50-BE-F-G-H-J	WA10	3750	3750	3750	3750	3750
90	KSF90-AE-F-G-H-J	WA20	3750	3750	3750	3750	3750
300	KVF300-CE-F-G-H-J	WA60	3750	3750	3750	3750	3750
450	KSF450-BE	SF450BE	3750				
650	KVF650-DE	VF650AE	3250				
	KVF650-FE	VF650AE	3750				
750	KVF750-GE-F-G-H-J, HE-F-G-H-J, JE-F-G-H-J, LE-F-G-H-J	VF750DE	3375	3375	3375	3375	3375
800	KRT800-AE-F, BE-F, CE-F, DE-F, EG, FG, H-J, GG-H-J, HG-H-J KRF800-AE-F, BE-F, CE-F, DE-F, EG, FG, H-J, GG-H-J, HG-H-J	RT800AE	3375	3375	3375	3375	3375
820	KAF820-AE-F-G-H-J, BE-F-G-H-J, CE-F-G-H-J, DE-F-G-H-J KAF820-EG-H-J, FG-H-J, GG-H-J, HG-H-J, JG-H-J, LH-J, KJ	372FC, 372FB	2750	2750	2750	2750	2750
1000	KAFT00-AG-H-J, BG-H-J, CG-H-J, DG-H-J, EF-H-J, FG-H-J, GJ, HJ	AFT00AE			1800	1800	1800

**KTM MOTORCYCLES**

ENGINE SIZE (cc)	MODEL	ENGINE PREFIX	MODEL YEAR				TEST RPM
			2014	2015	2016	2017	
50	50 SX*, SX Mini*, 50 SXS*	452	5400	5400	5400	5400	5400
65	65 SX*, 65 SXS*	462	5100	5100	5100	5100	5100
85	85 SX*, 85 SXS*	BET	5200	5200	5200		
	85 SX*	472				5500	5500
125	125 SX*	503, 504	5400	5400	5400	5400	5400
150	150 SX*, 150 XC*	515	5200	5200	5200		
	150 XC-W*	516				5200	5200
200	200 XC-W*	524	4100	4100	4100		
250	250 SX*	548	3800	3800	3800		
	250 SX*	554				4200	4200
	250 SX-F*	777, 790	6000	6000	6000		
	250 XC*, 250 XC-W*	548	4000	4000	4000		
	250 XC*, 250 XC-W*	554				4200	4200
	250 XC-F*	777, 790	6000	6000	6000		
	250 XCF-W	774	5500	5500	5500		
	250 EXC-F	790				4700	4700
300	300XC*, 300 XC-W*	549	3800	3800	3800		
	300XC*, 300 XC-W*	556				4000	4000

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**KTM MOTORCYCLES (Cont.)**

ENGINE SIZE (cc)	MODEL	ENGINE PREFIX	MODEL YEAR				TEST RPM
			2014	2015	2016	2017	
350	350 SX-F*, 350 XC-F*	778	5500	5500	5500		
	350 SX-F*, 350 XC-F*	792				5500	5500
	350 EXC-F	775	4300	4300	4300		
	350 EXC-F	792				4700	4700
	350 XCF-W	775	5500	5500	5500		
450	450 XC-W	781	4400	4400	4400		
	450 SX-F*	789, 794	4700	4700	4700	4700	4700
	450 XC-F*	789, 794	4700	4700	4700	4700	4700
	450 EXC-F	794				4500	4500
500	500 EXC	787	4400	4400	4400		
	500 EXC-F	796				4200	4200
	500 XC-W	787	4300	4300	4300		
690	690 Enduro R	753	3500	3500	3500		
	690 Enduro R	760				3500	3500
1190	1190 Adventure, 1190 Adventure R	603	4000	4000	4000		
	1190 Adventure R	606				4400	4400
1290	1290 Super Adventure R	606				4400	4400

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**YAMAHA MOTORCYCLES**

ENGINE	MODEL	ENGINE	MODEL YEAR				
SIZE (cc)		PREFIX	2014	2015	2016	2017	2018
TEST RPM							
50	PW50	3PT	2750	2750	2750	2750	2750
	TTR50E	A305E	4250	4250	4250	4250	4250
65	YZ65*	B119E					6000
85	YZ85*	B118E	6000	6000	6000	6000	6000
110	TTR110	5B6	3750	3750	3750	3750	3750
125	TTR125LWE	E349E	4000	4000	4000	4000	4000
	YZ125*	E120E	5750	5750	5750	5750	5750
200	TW200	3AW	4000	4000	4000	4000	4000
230	TTR230	G341E	3750	3750	3750	3750	3750
250	XT250	G349E	3750	3750	3750	3750	3750
	WR250F	G3D6E			3500	3500	3500
	WR250R	G375E	4500	4500	4500	4500	4500
	YZ250*	G111E	4000	4000	4000	4000	4000
	YZ250F*	G3C2E	6000	6000	6000	6000	6000
	YZ250X*	G112E			4000	4000	4000
	YZ250FX*	G3F1E		6000	6000	6000	6000
450	WR450F	J332E	3250	3250			
	WR450F	J338E			3500	3500	3500
	YZ450F*	J337E	4750	4750			
	YZ450F*	J340E			4750	4750	
	YZ450F*	J342E					5000
	YZ450FX*	J339E			5000	5000	5000
1200	XT1200	P406E	3625	3625	3625	3625	3625

**YAMAHA ATVs / ROVs**

ENGINE	MODEL	ENGINE	MODEL YEAR				
SIZE (cc)		PREFIX	2014	2015	2016	2017	2018
TEST RPM							
50	YFZ50	A330E				3625	3625
90	YFM90R	B308E			3500	3500	3500
350	YFM350FWA	H315E	3250				
	YFM350A	H316E	3250				
450	YFM450FWA/FWAD	J310E	3125				
	YFM450FWB	J341E					3125
	YZF450R	J336E	3750	3750	3750	3750	3750
550	YFM550FWA/ FWAD	J328E	3125				
700	YFM700R	308E	3125	3125			
	YFM700R	M324E			3125	3125	3125
	YFM700FWA/FWAD	M322E	3125	3125			
	YFM700FWA/FWAD	M330E			3125	3125	3125
	YFM700FWB/FWBD	M327E			3125	3125	3125
	YXE700/E/ES/B	M326E			3125	3125	3125
	YXM/E/ES700	M323E	3125	3125	3125	3125	3125
	YXC700/E/ES	M325E		3125	3125	3125	3125
850	YXF850ES	N405E					3500
1000	YZXZ1000E/ES	N706E			4250	4250	4250

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