

TAM QUICK ENGINE SPECIFICATION

specs_nis_sd22.xlsx

Nissan SD22				
2164 C.C.				
BORE	STROKE	FIRING ORDER	MAIN JOURNAL	ROD JOURNAL
3.268	3.94	1-3-4-2	2.7968	2.0837
SPARK PLUG TYPE	SPARK PLUG GAP	DISTRIBUTOR GAP	IGN.TIMING IDLE SPEED	OIL CAPACITY WITH FILTER
				6.87 U.S.qts.
LOCATION		TORQUE VALUES		FT. LB.
LOCATION	FT. LB.	LOCATION	FT. LB.	
Main brg.caps	108-116	Oil pan drain plug		
Rod brg. caps	38-41	Oil pump bolt		
Cyl. head bolts	Sub(36) Main(94)	Rocker arm nut		
Cam sprocket bolt	33-36	Rckr. shaft brckt.bolt	14-18	
Crank pulley bolt	217-239	Side cover bolt		
Flywheel bolt	33-36	Spark plug		
Flywheel housing		Water outlet bolt	7-9	
Manifold bolt and nut	11-13	Water pump bolt	8mm (8) 10mm (18)	
Oil pan bolt	2.9-4.3	Wtr.pmp.pulley bolt		
PISTON				
Diameter	3.268	Sleeve clearance	.0047-.0076	
Pin diameter	1.024			
RINGS				
Ring gap-Top	.0118-.0177	Ring gap-4th	.0059-.0118	
Ring gap-2nd	.0079-.0138	Ring gap-5th	.0059-.0118	
Ring gap-3rd	.0079-.0138			
CRANKSHAFT				
Main journal dia.	2.7963-2.7968	Rod journal dia.	2.0832-2.0837	
Main run clearance	.0019-.0031	Rod run clearance	.0014-.0035	
End play	.0024-.0095			
CAMSHAFT				
Front journal dia.	1.7887-1.7892	End play	.0032-.0102	
Center journal dia.	1.7282-1.7287			
Rear journal dia.	1.6228-1.6233			
VALVES				
Intake length		Exhaust length		
Intake stem dia.	.3137-.3148	Exhaust stem dia.	.3127-.3133	
Intake head dia.		Exhaust head dia.		
Intake face angle		Exhaust face angle		
Intake clearance	.014 hot	Exhaust clearance	.014 hot	