

Nissan Skyline



Specifications

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Specification Table

	R32	R32 V Spec
Cd	0.40	
Overall Length (mm)	4,545	
Overall Width (mm)	1,755	
Overall Height (mm)	1,340	1,355
Wheelbase (mm)	2,615	
Track Front (mm)	1,480	
Track Rear (mm)	1,480	
Ground Clearance (mm)		140
Curb Weight (kg)		1500
Turning Radius (m)	5.7	
Tyres	225/50 R16	225/50 ZR17
Engine¹		
Displacement (cc)	2,568	
Bore x Stroke (mm)	86.0 x 73.7	
Max. Power (PS ² @ rpm)	280 @ 6,800	
Max. Torque (kgm @ rpm)	36.0 @ 4,400	
Compression Ratio	8.5:1	
Gear ratios		
1st	3.214	
2nd	1.925	
3rd	1.302	
4th	1.000	
5th	0.752	
Reverse	3.369	
Final drive	4.111	

1: RBxxDETT stands for

RB = Race Breed.

xx = Engine capacity to the nearest litre. 20, 25, 26 and 28 are used.

D = Dual overhead cam.

E = Fuel injected.

TT = Twin Turbo.

2: PS or Pferdestaerke is the Metric Horsepower.

1PS = 75 kgm/s.

1 Brake Horse Power (BHP) = 550 ft-lb/s or 745.7 Watt = 76.0398 kgm/s.

280 PS = 276 BHP and 340 PS = 335 BHP.

36.0 kgm = 260 ft-lb

Racing pedigree

In 1969, Nissan introduced the first Skyline GT-R which was intended for racing and from '69 to '72 it had a consistent winning streak.

In May 1989 a new Skyline GT-R was unveiled, created from the outset as a road-going racer designed for competition, and once again it won every race. Highlights included a pole to finish win at the Macao Grand Prix in November 1990 and total dominance of the 1990 All Japan Touring Car Championships; outgunning all competition in the Group A class. Because it raced in Group A (a production class) Nissan had to make a full production version for the road... the R32. A genuine race car for the road. Nissan also ran two Group N versions for the 1990 Spa Franco champs 24 hours held in July where they finished 2nd and 3rd.. not bad for an almost stock car! The GT-R was forced to move to a higher class after the '91 season.

Technical innovation in the R32

ATTESA E-TS, a 4 wheel drive system consisting of a variable electronic torque-split transfer mechanism. It directs torque to the forward drive train through a multiplate clutch. The clamping force on the clutch varies between 0-50% dependant on wheel speed sensors that measure slip and a lateral G-force sensor. HICAS, a four wheel steering system which delivers small counter-steer movements to the rear wheels the degree of which, and whether the rear wheels turn opposite for a split second, depends on the rate at which you turn the steering wheel. Multilink front and rear suspension. All round disk brakes with ABS and four piston brake calipers at the front. The RB26 DETT engine is a twin turbo 2.6 litre straight 6, which has a 24 valve twin-cam aluminum head and Garrett ceramic turbos.

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