

NEW RANGE ROVER VELAR TECHNICAL SPECIFICATIONS	Ingenium D180 AWD Automatic	Ingenium D240 AWD Automatic	D300 AWD Automatic	Ingenium P250 AWD Automatic	P380 AWD Automatic
Engine type	Inline-4 diesel, 16 valve; DOHC, variable intake cam timing, variable geometry turbo	Inline-4 diesel, 16 valve; DOHC, variable intake cam timing, series-sequential turbos	V6 diesel, 24 valve; DOHC, parallel-sequential turbos	Inline-4 gasoline, 16 valve; DOHC, variable intake and exhaust cam timing; variable intake valve lift, twin-scroll turbo	V6 gasoline, 24 valve; DOHC, variable intake and exhaust cam timing, Twin Vortex supercharger
Displacement	1999cc	1,999cc	2,993cc	1,997cc	2,995cc
Bore / Stroke	83 x 92.4mm	83 x 92.4mm	84.0 x 90.0mm	83.0 x 92.3mm	84.5 x 89.0mm
Compression ratio	15.5:1	15.5:1	16.1:1	10.5:1	10.5:1
Max Power	180PS (132kW) @ 4000rpm	240PS (177kW) @ 4000rpm	300PS (221kW) @ 4,000rpm	250PS (184kW) @ 5,500rpm	380PS (280kW) @ 6,500rpm
Max Torque	430Nm (317lb ft) @ 1500rpm	500Nm (368lb ft) @ 1500rpm	700Nm (516lb ft) @ 1,500 - 1,750rpm	365Nm (269lb ft) @ 1,200-4,500rpm	450Nm (332lb ft) @ 3,500-5,000rpm
Euro standard	EU6	EU6	EU6	EU6	EU6
Transmission	ZF (8HP45) 8-speed automatic	ZF (8HP45) 8-speed automatic	ZF (8HP70) 8-speed automatic	ZF (8HP45) 8-speed automatic	ZF (8HP70) 8-speed automatic
1st	4,714	4,714	4,714	4,714	4,714
2nd	3,143	3,143	3,143	3,143	3,143
3rd	2,106	2,106	2,106	2,106	2,106
4th	1,667	1,667	1,667	1,667	1,667
5th	1,285	1,285	1,285	1,285	1,285
6th	1,000	1,000	1,000	1,000	1,000
7th	0,839	0,839	0,839	0,839	0,839
8th	0,667	0,667	0,667	0,667	0,667
Reverse	3,295	3,295	3,317	3,295	3,317
Final drive ratio	3,23	3,23	3,23	3,73	3,73
Fuel tank capacity (litres) (usable)	60	60	66	63	63
AdBlue tank capacity (litres)	17	17	17	-	-
Front brakes	325mm ventilated discs	325mm ventilated discs	350mm ventilated discs	325mm ventilated discs	350mm ventilated discs
Rear brakes	325mm ventilated discs	325mm ventilated discs	325mm ventilated discs	325mm ventilated discs	325mm ventilated discs
Steering	Electric Power Assisted Steering (EPAS) rack and pinion; variable ratio				
All-wheel drive system	Torque on-demand all-wheel drive with Intelligent Driveline Dynamics & Terrain Response, optional locking rear axle differential				
Front suspension	Double wishbone suspension, air or coil springs, continuously-variable dampers, passive anti-roll bar				
Rear suspension	Integral Link suspension with air or coil springs, continuously-variable dampers, passive anti-roll bar				
EXTERIOR DIMENSIONS					
Overall length (mm)	4.803				
Overall height (without antennae) (mm)	1.665				
Overall width (mirrors folded) (mm)	2.032				
Overall width (mirrors out) (mm)	2.145				
Wheelbase (mm)	2.874				
Front overhang (mm)	834				
Rear overhang (mm)	1.089				
Front track (mm)	1,640 (coil) 1,644 (air)	1,640 (coil) 1,644 (air)	1,640 (coil) 1,644 (air)	1,640 (coil) 1,644 (air)	1,640 (coil) 1,644 (air)
Rear track (mm)	1,657 (coil) 1,663 (air)	1,657 (coil) 1,663 (air)	1,657 (coil) 1,663 (air)	1,657 (coil) 1,663 (air)	1,657 (coil) 1,663 (air)
Turning Circle - kerb-to-kerb (metres)	11,6				
Turning Circle - lock-to-lock	2,52				
Drag coefficient (Cd)	0,32	0,35	0,35	0,35	0,36
INTERIOR DIMENSIONS					
Headroom (mm)	970mm (Maximum front headroom with panoramic roof) 966mm (Rear headroom)				
Legroom (mm)	1.024mm (maximum front legroom) 945mm (maximum rear legroom)				
Loadspace length (mm)	1,795 (Behind Row1) 1,035 (Behind Row 2)				
Luggage capacity (litres)	1,731 (Behind Row 1 ) 673 (Behind Row 2)				
Loadspace width (mm)	1.247				
Loadspace height (mm)	1.045				
ALL-TERRAIN CAPABILITY (i) Off-road height from (R-Dynamic with air suspension) (ii) Standard ride height from (R-Dynamic)					
Approach angle (deg)	(i) 28.89 (27.15) (ii) 25.93 (25.06)				
Departure angle (deg)	(i) 29.5 (29.07) (ii) 27.3 (26.8)				
Ramp angle (deg)	(i) 23.5 (ii) 21				
Maximum Wading depth (mm)	650 (air suspension) 600 (coil suspension)				
Ground clearance (mm)	213 (Standard ride height) 251 (Off-road ride height with air suspension)				
Towing - unbraked trailer (kg)	750				
Maximum towing (kg)	2.400	2.500	2.500	2.400	2.500
PERFORMANCE					
0-62mph (0-100km/h) (secs)	8,9	7,3	6,5	6,7	5,7
Top speed mph	130 (209km/h) *	135 (217km/h)	150 (241km/h)	135 (217km/h)	155 (250km/h)
Fuel consumption (EU urban)	45.6mpg (6.2L/100km)	39.2mpg (7.2L/100km)	38.2mpg (7.4L/100km)	31.0mpg (9.1L/100km)	22.2mpg (12.7L/100km)
Fuel consumption (EU extra urban)	57.7mpg (4.9L/100km)	55.4mpg (5.1L/100km)	48.7mpg (5.8L/100km)	42.2mpg (6.7L/100km)	37.7mpg (7.5L/100km)
Fuel consumption (EU combined)	52.5mpg (5.4L/100km)	48.7mpg (5.8L/100km)	44.1mpg (6.4L/100km)	37.2mpg (7.6L/100km)	30.1mpg (9.4L/100km)
EU Combined CO <sub>2</sub>	142g/km	154g/km	167g/km	173g/km	214g/km
WEIGHT					
Weight from (kg)	1.829	1.841	1.959	1.804	1.884

\* If vehicle is fitted with 18" wheels the top speed will be 193 km/h