

Technical Data - MINI CLUBMAN



		MINI One Clubman	MINI One Clubman Auto	MINI Cooper Clubman	MINI Cooper Clubman Auto	MINI One D Clubman	MINI Cooper D Clubman	MINI Cooper D Clubman Auto
Engine Platform		N16B16U0 M6	N16B16U0 A6	N16B16M0 M6	N16B16M0 A6	N47C16K1 M6	N47C16U1 M6	N47C20K1 A6
Transmission								
No of doors / seats	-	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5
Vehicle Length / Height (with antenna) -unloaded-	mm	3961 / 1426 (1438)	3961 / 1426 (1438)	3961 / 1426 (1438)	3961 / 1426 (1438)	3961 / 1426 (1438)	3961 / 1426 (1438)	3961 / 1426 (1438)
Width excl. Door Mirrors	mm	1683	1683	1683	1683	1683	1683	1683
Width incl. Door Mirrors	mm	1913	1913	1913	1913	1913	1913	1913
Wheelbase / Turning Circle	mm / m	2547 / 11.0	2547 / 11.0	2547 / 11.0	2547 / 11.0	2547 / 11.0	2547 / 11.0	2547 / 11.0
Wheel Offset	mm	45 / 45	45 / 45	45 / 45	45 / 45	45 / 45	45 / 45	45 / 45
Track Front / Rear	mm	1459 / 1467	1459 / 1467	1459 / 1467	1459 / 1467	1459 / 1467	1459 / 1467	1459 / 1467
Overhang Front / Rear	mm	691 / 723	691 / 723	691 / 723	691 / 723	691 / 723	691 / 723	691 / 723
Ground Clearance -empty-	mm	138	138	138	138	138	138	138
Shoulder Width Front / Rear	mm	1278 / 1165	1278 / 1165	1278 / 1165	1278 / 1165	1278 / 1165	1278 / 1165	1278 / 1165
Elbow Width Front / Rear	mm	1349 / 1141	1349 / 1141	1349 / 1141	1349 / 1141	1349 / 1141	1349 / 1141	1349 / 1141
Eff. Head Room Front / Rear	mm	990 / 958	990 / 958	990 / 958	990 / 958	990 / 958	990 / 958	990 / 958
Luggage Capacity	ltr	260 - 930	260 - 930	260 - 930	260 - 930	260 - 930	260 - 930	260 - 930
Fuel Tank Capacity	ltr	40	40	40	40	40	40	40
Curb Weight -acc DIN-	kg	1140 / 1215	1170 / 1245	1145 / 1220	1175 / 1250	1185 / 1260	1185 / 1260	1215 / 1290
Axle Load Ratio -unloaded DIN-	%	41.8	40.3	41.4	40.3	39.2	39.2	38.7
Gross Vehicle Weight / payload	kg	1640 / 500	1670 / 500	1645 / 500	1675 / 500	1685 / 500	1685 / 500	1715 / 500
Axle Load Limit Front / Rear	kg	835 / 840	870 / 845	840 / 840	870 / 850	890 / 825	890 / 825	915 / 830
Trailer Load Braked -12% / 8%-	kg	-	-	750	750	-	750	750
Trailer Load Unbraked / Roof Load	kg	- / 75	- / 75	500 / 75	500 / 75	- / 75	500 / 75	500 / 75
Gross Vehicle Weight - Trailer Towing	kg	-	-	1695	1735	-	1735	1765
Rear Axle Load Limit - Trailer Towing	kg	-	-	915	915	-	900	905
Trailer Nose Weight	kg	-	-	50	50	-	50	50
Engine Type / Cylinders / Valves per Cylinder	-	In Line / 4 / 4	In Line / 4 / 4	In Line / 4 / 4	In Line / 4 / 4	In Line / 4 / 4	In Line / 4 / 4	In Line / 4 / 4
Fuel Management	-	MEV 17.2	MEV 17.2	MEV 17.2	MEV 17.2	DDE 7.01	DDE 7.01	DDE 7.2.1
Effective Displacement	cm ³	1598	1598	1598	1598	1598	1598	1995
Stroke / Bore	mm	85.8 / 77.0	85.8 / 77.0	85.8 / 77.0	85.8 / 77.0	83.6 / 78.0	83.6 / 78.0	90 / 84
Nominal Power Output / Engine Speed	hp (kW) / 1/min	98 (72) / 6000	98 (72) / 6000	122 (90) / 6000	122 (90) / 6000	90 (66) / 4000	112 (82) / 4000	112 (82) / 4000
Max Torque / Engine Speed	Nm / 1/min	153 / 3000	153 / 3000	160 / 4250	160 / 4250	215 / 1750 - 2500	270 / 1750 - 2250	270 / 1750 - 2250
Compression Ratio / Fuel Type	-	11.0 / RON 91-98	11.0 / RON 91-98	11.0 / RON 91-98	11.0 / RON 91-98	16.5 / Diesel	16.5 / Diesel	16.5 / Diesel
Exhaust Emissions Classification	-	EU5	EU5	EU5	EU5	EU5	EU5	EU5
Gearbox Reference Code	-	GETRAG G255	AINISIN F6 21	GETRAG G255	AINISIN F6 21	GETRAG G253w	GETRAG G253w	AINISIN F6 21
Gear Ratio 1st / 2nd / 3rd	-	3.214 / 1.792 / 1.194	4.044 / 2.371 / 1.556	3.214 / 1.792 / 1.194	4.044 / 2.371 / 1.556	3.308 / 1.870 / 1.194	3.308 / 1.870 / 1.194	4.044 / 2.371 / 1.556
Gear Ratio 4th / 5th / 6th	-	0.914 / 0.784 / 0.683	1.159 / 0.852 / 0.672	0.914 / 0.784 / 0.683	1.159 / 0.852 / 0.672	0.872 / 0.721 / 0.596	0.872 / 0.721 / 0.596	1.159 / 0.852 / 0.672
Reverse Ratio	-	3.143	3.193	3.143	3.193	3.231	3.231	3.193
Final Drive Ratio	-	3.706	4.103	4.353	4.103	3.474	3.474	3.683
Steering Type / Ratio	-	EPS / 14.1	EPS / 14.1	EPS / 14.1	EPS / 14.1	EPS / 14.1	EPS / 14.1	EPS / 14.1
Brake Front / Diameter	- / mm	Ventilated Disc / 280	Ventilated Disc / 280	Ventilated Disc / 280	Ventilated Disc / 280	Ventilated Disc / 280	Ventilated Disc / 280	Ventilated Disc / 280
Brake Rear / Diameter	- / mm	Disc / 259	Disc / 259	Disc / 259	Disc / 259	Disc / 259	Disc / 259	Disc / 259
Drag Cd / A / Cd x A	- / m ² / m ²	0.32 / 2.01 / 0.64	0.32 / 2.01 / 0.64	0.32 / 2.01 / 0.64	0.32 / 2.01 / 0.64	0.32 / 2.02 / 0.65	0.32 / 2.02 / 0.65	0.32 / 2.02 / 0.65
Top Speed	mph / km/h	115 / 185	111 / 179	125 / 201	121 / 195	113 / 182	122 / 197	119 / 192
Acceleration 0-62mph (0-100km/h)	s	11.1	12.8	9.8	10.9	11.8	10.2	10.6
Acceleration 0-1000m	s	32.3	34.5	30.9	32.0	33.2	32.2	32.6
Acceleration 50-75mph (80-120km/h) 4th / 5th / 6th Gear	s	12.9 / 16.4 / -	- / - / -	10.2 / 12.7 / -	- / - / -	10.4 / 12.6 / -	7.9 / 9.7 / -	- / - / -
Weight Ratio	kg/kW	15.8	16.3	12.7	13.1	18.0	14.8	14.8
Output Per Litre	kW/ltr	45.1	45.1	56.3	56.3	41.3	51.3	41.1
Fuel Consumption -urban-	mpg / l/100km	38.7 / 7.3	32.1 / 8.8	40.4 / 7.0	32.1 / 8.8	64.2 / 4.4	64.2 / 4.4	40.9 / 6.9
Fuel Consumption -extra urban-	mpg / l/100km	62.8 / 4.5	54.3 / 5.2	60.1 / 4.7	54.3 / 5.2	78.5 / 3.6	78.5 / 3.6	67.3 / 4.2
Fuel Consumption -combined-	mpg / l/100km	51.4 / 5.5	43.5 / 6.5	51.4 / 5.5	43.5 / 6.5	72.4 / 3.9	72.4 / 3.9	54.3 / 5.2
Range at Fuel Consumption-combined-	miles / km	450 / 725	382 / 615	449 / 723	382 / 615	637 / 1025	637 / 1025	478 / 770
CO ₂ Emissions -EU-	g/km	129	152	129	152	103	103	138
Tyre Size -front-	-	175/65R15 84H	175/65R15 84H	175/65 R15 84H	175/65 R15 84H	175/65R15 84H	175/65 R15 84H	175/65 R15 84H
Tyre Size -rear-	-	175/65R15 84H	175/65R15 84H	175/65R15 84H	175/65 R15 84H	175/65R15 84H	175/65 R15 84H	175/65 R15 84H
Wheel Size -front-	-	5.5J x 15 Steel	5.5J x 15 Steel	5.5J x 15 Light Alloy	5.5J x 15 Light Alloy	5.5J x 15 Steel	5.5J x 15 Light Alloy	5.5J x 15 Light Alloy
Wheel Size -rear-	-	5.5J x 15 Steel	5.5J x 15 Steel	5.5J x 15 Light Alloy	5.5J x 15 Light Alloy	5.5J x 15 Steel	5.5J x 15 Light Alloy	5.5J x 15 Light Alloy
Radiator incl. Heater Capacity	ltr	5.2	5.2	5.2	5.2	5.4	5.4	5.4
Engine Oil Replacement Capacity	ltr	4.2	4.2	4.2	4.2	5.2	5.2	5.2
Gearbox Fluid Replacement Capacity	ltr	Permanent Filling	Permanent Filling	Permanent Filling	Permanent Filling	Permanent Filling	Permanent Filling	Permanent Filling
Battery Capacity / Installed Position	Ah / -	55 / Engine Bay	55 / Engine Bay	55 / Engine Bay	55 / Engine Bay	70 / Engine Bay	70 / Engine Bay	70 / Engine Bay
Alternator Output rating	A/W	154 / 2156	154 / 2156	154 / 2156	154 / 2156	154 / 2156	154 / 2156	154 / 2156

Technical Data - MINI CLUBMAN



		MINI Cooper S Clubman	MINI Cooper S Clubman Auto	MINI Cooper SD Clubman	MINI Cooper SD Clubman Auto	MINI John Cooper Works Clubman
Engine Platform		N18B16M0	N18B16M0	N47C20U1	N47C20U1	N14B16T0
Transmission		M6	A6	M6	A6	M6
No of doors / seats	-	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5
Vehicle Length / Height (with antenna) -unloaded-	mm	3961 / 1432 (1444)	3961 / 1432 (1444)	3961 / 1432 (1444)	3961 / 1432 (1444)	3958 / 1432 (1444)
Width excl. Door Mirrors	mm	1683	1683	1683	1683	1683
Width incl. Door Mirrors	mm	1913	1913	1913	1913	1913
Wheelbase / Turning Circle	mm / m	2547 / 11.0	2547 / 11.0	2547 / 11.0	2547 / 11.0	2547 / 11.0
Wheel Offset	mm	48 / 48	48 / 48	48 / 48	48 / 48	48 / 48
Track Front / Rear	mm	1453 / 1461	1453 / 1461	1453 / 1461	1453 / 1461	1453 / 1461
Overhang Front / Rear	mm	691 / 723	691 / 723	691 / 723	691 / 723	682 / 729
Ground Clearance -empty-	mm	135	135	135	135	135
Shoulder Width Front / Rear	mm	1278 / 1165	1278 / 1165	1278 / 1165	1278 / 1165	1278 / 1165
Elbow Width Front / Rear	mm	1349 / 1141	1349 / 1141	1349 / 1141	1349 / 1141	1349 / 1141
Eff. Head Room Front / Rear	mm	990 / 958	990 / 958	990 / 958	990 / 958	990 / 958
Luggage Capacity	ltr	260 - 930	260 - 930	260 - 930	260 - 930	260 - 930
Fuel Tank Capacity	ltr	50	50	40	40	50
Curb Weight -acc DIN-	kg	1205 / 1280	1230 / 1305	1235 / 1310	1255 / 1330	1205 / 1280
Axle Load Ratio -unloaded DIN-	%	40.7	40.7	39.3	38.6	41.3
Gross Vehicle Weight / payload	kg	1690 / 485	1715 / 485	1735 / 500	1755 / 500	1690 / 485
Axle Load Limit Front / Rear	kg	875 / 850	900 / 850	915 / 850	935 / 850	865 / 855
Trailer Load Braked -12% / 8%-	kg	-	-	750	750	-
Trailer Load Unbraked / Roof Load	kg	- / 75	- / 75	500 / 75	500 / 75	- / 75
Gross Vehicle Weight - Trailer Towing	kg	-	-	1785	1805	-
Rear Axle Load Limit - Trailer Towing	kg	-	-	925	925	-
Trailer Nose Weight	kg	-	-	50	50	-
Engine Type / Cylinders / Valves per Cylinder	-	In Line 4 / 4	In Line 4 / 4	In Line 4 / 4	In Line 4 / 4	In Line 4 / 4
Fuel Management	-	MED 17.2	MED 17.2	DDE 7.2.1	DDE 7.2.1	MED 17.2
Effective Displacement	cm ³	1598	1598	1995	1995	1598
Stroke / Bore	mm	85.8 / 77.0	85.8 / 77.0	90 / 84	90 / 84	85.8 / 77.0
Nominal Power Output / Engine Speed	hp (kW) / 1/min	184 (135) / 5500	184 (135) / 5500	143 (105) / 4000	143 (105) / 4000	211 (155) / 6000
Max Torque / Engine Speed	Nm / 1/min	240 / 1600-5000 (Overboost: 260 / 1700-4500)	240 / 1600-5000 (Overboost: 260 / 1700-4500)	305 / 1750 - 2700	305 / 1750 - 2700	260 / 1850-5600 (Overboost: 280 / 2000-5100)
Compression Ratio / Fuel Type	-	10.5 / RON 91-98	10.5 / RON 91-98	16.5 / Diesel	16.5 / Diesel	10 / RON 91-98
Exhaust Emissions Classification	-	EU5	EU5	EU5	EU5	EU5
Gearbox Reference Code	-	GETRAG G253	AISIN F6 21	GETRAG G253	AISIN F6 21	GETRAG G253
Gear Ratio 1st / 2nd / 3rd	-	3.308 / 2.130 / 1.483	4.044 / 2.371 / 1.556	3.308 / 1.87 / 1.194	4.044 / 2.371 / 1.556	3.308 / 2.130 / 1.483
Gear Ratio 4th / 5th / 6th	-	1.139 / 0.949 / 0.816	1.159 / 0.852 / 0.672	0.872 / 0.721 / 0.596	1.159 / 0.852 / 0.672	1.139 / 0.949 / 0.816
Reverse Ratio	-	3.231	3.193	3.231	3.193	3.231
Final Drive Ratio	-	3.706	3.683	3.706	3.683	3.647
Steering Type / Ratio	-	EPS / 14.1	EPS / 14.1	EPS / 14.1	EPS / 14.1	EPS / 14.1
Brake Front / Diameter	- / mm	Ventilated Disc / 294	Ventilated Disc / 294	Ventilated Disc / 294	Ventilated Disc / 294	Ventilated Disc / 316
Brake Rear / Diameter	- / mm	Disc / 259	Disc / 259	Disc / 259	Disc / 259	Disc / 280
Drag Cd / A / Cd x A	- / m ² / m ²	0.34 / 2.02 / 0.69	0.34 / 2.02 / 0.69	0.34 / 2.04 / 0.69	0.34 / 2.04 / 0.69	0.34 / 2.02 / 0.69
Top Speed	mph / km/h	141 / 227	138 / 222	134 / 215	127 / 205	148 / 238
Acceleration 0-62mph (0-100km/h)	s	7.5	7.7	8.6	8.8	6.8
Acceleration 0-1000m	s	28.0	27.8	29.7	30	26.7
Acceleration 50-75mph (80-120km/h) 4th / 5th / 6th Gear	s	5.9 / 7.6 / -	- / - / -	6.9 / 8.4 / -	- / - / -	5.4 / 6.6 / -
Weight Ratio	kg/kW	8.9	9.1	11.8	12.0	7.8
Output Per Litre	kW/ltr	84.5	84.5	52.6	52.6	97
Fuel Consumption -urban-	mpg / l/100km	38.2 / 7.4	31.7 / 8.9	54.3 / 5.2	40.4 / 7.0	29.7 / 9.5
Fuel Consumption -extra urban-	mpg / l/100km	56.5 / 5.0	56.5 / 5.0	72.4 / 3.9	65.7 / 4.3	48.7 / 5.8
Fuel Consumption -combined-	mpg / l/100km	47.9 / 5.9	44.1 / 6.4	64.2 / 4.4	53.3 / 5.3	39.2 / 7.2
Range at Fuel Consumption-combined-	miles / km	524 / 843	484 / 779	565 / 910	469 / 755	432 / 696
CO ₂ Emissions -EU-	g/km	137	150	115	141	167
Tyre Size -front-	-	195/55 R16 87V	195/55 R16 87V	195/55 R16 87V	195/55 R16 87V	205/45 R17 84W
Tyre Size -rear-	-	195/55 R16 87V	195/55 R16 87V	195/55 R16 87V	195/55 R16 87V	205/45 R17 84W
Wheel Size -front-	-	6.5J x 16 Light Alloy	6.5J x 16 Light Alloy	6.5J x 16 Light Alloy	6.5J x 16 Light Alloy	7J x 17 Light Alloy
Wheel Size -rear-	-	6.5J x 16 Light Alloy	6.5J x 16 Light Alloy	6.5J x 16 Light Alloy	6.5J x 16 Light Alloy	7J x 17 Light Alloy
Radiator incl. Heater Capacity	ltr	5.2	5.2	5.4	5.4	5.2
Engine Oil Replacement Capacity	ltr	4.2	4.2	4.2	4.2	4.2
Gearbox Fluid Replacement Capacity	ltr	Permanent Filling	Permanent Filling	Permanent Filling	Permanent Filling	Permanent Filling
Battery Capacity / Installed Position	Ah / -	55 / Engine Bay	55 / Engine Bay	70 / Engine Bay	70 / Engine Bay	55 / Engine Bay
Alternator Output rating	A/W	154 / 2156	154 / 2156	154 / 2156	154 / 2156	154 / 2156