

## MAJOR TECHNICAL SPECIFICATIONS

Item		Area	Euripe				
Body Type			Wagon				
Vehicle Grade			—				
Model Code			ACM20R-ARSDKW	ACM20R-ARMDKW	ACM20L-ANSDKW	ACM20L-ANMDKW	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4690 (184.7)	4690 (184.7)	4690 (184.7)	4690 (184.7)	5
		Width mm (in.)	1760 (69.3)	1760 (69.3)	1675 (65.9)	1760 (69.3)	
		Height mm (in.)	1675 (65.9), 1725 (67.9)*1	1675 (65.9), 1725 (67.9)*1	1675 (65.9), 1725 (67.9)*1	1675 (65.9), 1725 (67.9)*1	
	Wheel Base mm (in.)		2825 (111.2)	2825 (111.2)	2825 (111.2)	2825 (111.2)	
	Tread	Front mm (in.)	1505 (59.3)	1505 (59.3)	1505 (59.3)	1505 (59.3)	
		Rear mm (in.)	1500 (59.1)	1500 (59.1)	1500 (59.1)	1500 (59.1)	10
	Room	Length mm (in.)	2755 (108.5)	2755 (108.5)	2755 (108.5)	2755 (108.5)	
		Width mm (in.)	1505 (59.3)	1505 (59.3)	1505 (59.3)	1505 (59.3)	
		Height mm (in.)	1250/1200 (49.2/47.2)	1250/1200 (49.2/47.2)	1250/1200 (49.2/47.2)	1250/1200 (49.2/47.2)	
	Overhang	Front mm (in.)	900 (35.7)	900 (35.7)	900 (35.7)	900 (35.7)	
		Rear mm (in.)	965 (38.0)	965 (38.0)	965 (38.0)	965 (38.0)	15
	Min. Running Ground Clearance mm (in.)		180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	
	Angle of Approach degrees		15.9	15.9	15.9	15.9	
	Angle of Departure degrees		23.1	23.1	23.1	23.1	
	Curb Weight	Front kg (lb)	860 - 900 (1896 - 1984)	825 - 865 (1819 - 1907)	845 - 895 (1863 - 1973)	810 - 860 (1786 - 1896)	
		Rear kg (lb)	630 - 670 (1389 - 1477)	630 - 670 (1389 - 1477)	615 - 655 (1356 - 1444)	615 - 655 (1356 - 1444)	20
		Total kg (lb)	1490 - 1570 (3285 - 3461)	1455 - 1535 (3208 - 3384)	1460 - 1550 (3219 - 3417)	1425 - 1515 (3142 - 3340)	
	Gross Vehicle Weight	Front kg (lb)	985 (2172)	950 (2094)	965 (2128)	900 (2050)	
		Rear kg (lb)	1190 (2624)	1190 (2624)	1115 (2458)	1115 (2458)	
		Total kg (lb)	2175 (4795)	2140 (4718)	2080 (4586)	2045 (4508)	
	Fuel Tank Capacity ℓ (Imp.gal.)		60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)	25
	Luggage Compartment Capacity m <sup>3</sup> (cu.ft.)		0.212 (7.5)	0.212 (7.5)	0.212 (7.5)	0.212 (7.5)	
Performance	Max. Speed km/h (mph)		180 (112)	192 (119)	180 (112)	192 (119)	
	Max. Cruising Speed km/h (mph)		—	—	—	—	
	Acceleration	0 to 100 km/h sec.	12.1	11.4	12.1	11.4	
		0 to 400 m sec.	—	—	—	—	30
	Max. Permissible Speed	1st Gear km/h (mph)	46 (29)	46 (29)	46 (29)	46 (29)	
		2nd Gear km/h (mph)	86 (53)	86 (53)	86 (53)	86 (53)	
		3rd Gear km/h (mph)	133 (83)	133 (83)	133 (83)	133 (83)	
		4th Gear km/h (mph)	172 (109)	172 (109)	172 (109)	172 (109)	
	Min. Turning Radius	Tire m (ft.)	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)	35
		Body m (ft.)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	
Engine	Engine Type		1AZ-FE	1AZ-FE	1AZ-FE	1AZ-FE	
	Valve Mechanism		16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	
	Bore x Stroke mm (in.)		86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	
	Displacement cm <sup>3</sup> (cu.in.)		1998 (121.9)	1998 (121.9)	1998 (121.9)	1998 (121.9)	40
	Compression Ratio		9.8 : 1	9.8 : 1	9.8 : 1	9.8 : 1	
	Fuel System		EFI	EFI	EFI	EFI	
	Research Octane No. or Cetane No. (Diesel)		95 or higher	95 or higher	95 or higher	95 or higher	
	Max. Output kW / rpm		110 / 6000	110 / 6000	110 / 6000	110 / 6000	
	Max. Torque N·m / rpm		192 / 4000	192 / 4000	192 / 4000	192 / 4000	45
	Battery Capacity (SHR) Voltage & Amp. hr.		12-36	12-36	12-36, 48*2	12-36, 48*2	
Engine Electrical	Alternator Output Watts		1200	1200	1200	1200	
	Starter Output kW		1.3	1.2	1.3	1.2	
Chassis	Clutch Type		—	Dry, Single	—	Dry, Single	
	Transaxle Type		U241E	E356	U241E	E356	50
	Transmission Gear Ratio	In First	3.943	3.833	3.943	3.833	
		In Second	2.197	2.045	2.197	2.045	
		In Third	1.413	1.333	1.413	1.333	
		In Fourth	1.020	1.028	1.020	1.028	
		In Fifth	3.145	0.775	3.145	0.775	55
		In Reverse	—	3.583	—	3.583	
	Counter Gear Ratio		—	—	—	—	
	Differential Gear Ratio (Final)		3.120	4.235	3.120	4.235	
	Transfer and Rear Differential Gear Ratio		—	—	—	—	
	Rear Differential Gear Size in.		—	—	—	—	60
	Brake Type	Front	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	
		Rear	Solid Disc	Solid Disc	Solid Disc	Solid Disc	
	Parking Brake Type		Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo	
	Brake Booster Type and Size in.		Single, 10"	Single, 10"	Single, 10"	Single, 10"	
	Proportioning Valve Type		—	—	—	—	65
	Suspension Type	Front	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	
		Rear	Torsion-Beam	Torsion-Beam	Torsion-Beam	Torsion-Beam	
	Stabilizer Bar	Front	Standard	Standard	Standard	Standard	
		Rear	Standard	Standard	Standard	Standard	
	Steering Gear Type		Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	70
	Steering Gear Ratio (Overall)		16.2 or 16.7	16.2 or 16.7	16.2 or 16.7	16.2 or 16.7	
	Power Steering Type		Integral Type	Integral Type	Integral Type	Integral Type	

\*1: With Roof Rail

\*2: Cold Area Package

Europe						Australia
Wagon						
—						
	ACM20L-ARSDKW	ACM20L-ARMDKW	CLM20R-ARMDYW	CLM20L-ANMDYW	CLM20L-ARMDYW	ACM21R-ARSEKQ
5	4690 (184.7)	4690 (184.7)	4690 (184.7)	4690 (184.7)	4690 (184.7)	4690 (184.7)
	1675 (65.9)	1760 (69.3)	1760 (69.3)	1760 (69.3)	1760 (69.3)	1675 (65.9)
	1675 (65.9), 1725 (67.9)*1	1675 (65.9), 1725 (67.9)*1	1675 (65.9), 1725 (67.9)*1	1675 (65.9), 1725 (67.9)*1	1675 (65.9), 1725 (67.9)*1	1675 (65.9), 1725 (67.9)*1
	2825 (111.2)	2825 (111.2)	2825 (111.2)	2825 (111.2)	2825 (111.2)	2825 (111.2)
10	1505 (59.3)	1505 (59.3)	1505 (59.3)	1505 (59.3)	1505 (59.3)	1505 (59.3)
	1500 (59.1)	1500 (59.1)	1500 (59.1)	1500 (59.1)	1500 (59.1)	1500 (59.1)
	2755 (108.5)	2755 (108.5)	2755 (108.5)	2755 (108.5)	2755 (108.5)	2755 (108.5)
	1505 (59.3)	1505 (59.3)	1505 (59.3)	1505 (59.3)	1505 (59.3)	1505 (59.3)
	1250/1200 (49.2/47.2)	1250/1200 (49.2/47.2)	1250/1200 (49.2/47.2)	1250/1200 (49.2/47.2)	1250/1200 (49.2/47.2)	1250/1200 (49.2/47.2)
15	900 (35.7)	900 (35.7)	900 (35.7)	900 (35.7)	900 (35.7)	900 (35.7)
	965 (38.0)	965 (38.0)	965 (38.0)	965 (38.0)	965 (38.0)	965 (38.0)
	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)	180 (7.1)
	15.9	15.9	15.9	15.9	15.9	15.9
	23.1	23.1	23.1	23.1	23.1	23.1
20	850 - 900 (1874 - 1984)	815 - 865 (1797 - 1907)	935 - 980 (2061 - 2161)	920 - 975 (2028 - 2150)	925 - 980 (2039 - 2161)	880 - 895 (1936 - 1969)
	630 - 670 (1389 - 1477)	630 - 670 (1389 - 1477)	625 - 665 (1378 - 1466)	610 - 650 (1345 - 1433)	625 - 665 (1378 - 1466)	620 - 655 (1364 - 1441)
	1480 - 1570 (3263 - 3461)	1445 - 1535 (3186 - 3384)	1560 - 1645 (3439 - 3627)	1530 - 1625 (3373 - 3583)	1550 - 1645 (3417 - 3627)	1500 - 1550 (3300 - 3410)
	985 (2172)	950 (2094)	1065 (2348)	1045 (2304)	1065 (2348)	970 (2134)
	1190 (2624)	1190 (2624)	1185 (2613)	1110 (2447)	1185 (2613)	1225 (2695)
	2175 (4795)	2140 (4718)	2250 (4960)	2155 (4751)	2250 (4960)	2195 (4829)
25	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)
	0.212 (7.5)	0.212 (7.5)	0.212 (7.5)	0.212 (7.5)	0.212 (7.5)	0.169 (6.0)
	180 (112)	192 (119)	180 (112)	180 (112)	180 (112)	180 (112)
	—	—	—	—	—	—
	12.1	11.4	12.5	12.5	12.5	—
30	—	—	—	—	—	—
	46 (29)	46 (29)	43 (27)	43 (27)	43 (27)	—
	86 (53)	86 (53)	81 (50)	81 (50)	81 (50)	—
	133 (83)	133 (83)	124 (77)	124 (77)	124 (77)	—
	172 (109)	172 (109)	170 (106)	170 (106)	170 (106)	—
35	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)	5.5 (18.0)
	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)
	1AZ-FE	1AZ-FE	1CD-FTV	1CD-FTV	1CD-FTV	2AZ-FE
	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC
	86.0 x 86.0 (3.39 x 3.39)	86.0 x 86.0 (3.39 x 3.39)	82.2 x 94.0 (3.24 x 3.7)	82.2 x 94.0 (3.24 x 3.7)	82.2 x 94.0 (3.24 x 3.7)	88.5 x 96.0 (3.49 x 3.79)
40	1998 (121.9)	1998 (121.9)	1995 (121.7)	1995 (121.7)	1995 (121.7)	2369 (144.1)
	9.8 : 1	9.8 : 1	18.6 : 1	18.6 : 1	18.6 : 1	9.6 : 1
	EFI	EFI	Common-Rail Type	Common-Rail Type	Common-Rail Type	EFI
	95 or higher	95 or higher	48 or higher	48 or higher	48 or higher	91 or higher
	110/6000	110/6000	85/4000	85/4000	85/4000	115/5700
45	192/4000	192/4000	250/1800 - 3000	250/1800 - 3000	250/1800 - 3000	221/4000
	12-36, 48*2	12-36, 48*2	12-55	12-55, 64*2	12-55, 64*2	12-48
	1200	1200	1560	1560	1560	1560
	1.3	1.2	1.4	1.4, 2.2*2	1.4, 2.2*2	1.3
	—	Dry, Single	Dry, Single	Dry, Single	Dry, Single	—
50	U241E	E356	E355	E355	E355	U241E
	3.943	3.833	3.833	3.833	3.833	3.943
	2.197	2.045	2.045	2.045	2.045	2.197
	1.413	1.333	1.333	1.333	1.333	1.413
	1.020	1.028	0.972	0.972	0.972	1.020
55	3.145	0.775	0.775	0.775	0.775	3.145
	—	3.583	3.583	3.583	3.583	—
	—	—	—	—	—	—
	3.120	4.235	3.684	3.684	3.684	2.923
60	—	—	—	—	—	—
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc
	Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo	Duo-Servo
	Single, 10"	Single, 10"	Single, 9"	Single, 9"	Single, 9"	Single, 10"
65	—	—	—	—	—	—
	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Torsion-Beam	Torsion-Beam	Torsion-Beam	Torsion-Beam	Torsion-Beam	Torsion-Beam
	Standard	Standard	Standard	Standard	Standard	Standard
	Standard	Standard	Standard	Standard	Standard	Standard
70	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
	16.2 or 16.7	16.2 or 16.7	16.2 or 16.7	16.2 or 16.7	16.2 or 16.7	16.2 or 16.7
	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type	Integral Type

\*1, With Roof Rail

\*2, Cold Area Package

Item		Area	General Countries	
Body Type			Wagon	
Vehicle Grade			—	
Model Code			ACM20R-ARSEK	
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4690 (184.7)	5
		Width mm (in.)	1675 (65.9)	
		Height mm (in.)	1675 (65.9), 1725 (67.9)* <sup>1</sup>	
	Wheel Base mm (in.)		2825 (111.2)	
	Tread	Front mm (in.)	1505 (59.3)	10
		Rear mm (in.)	1500 (59.1)	
	Room	Length mm (in.)	2755 (108.5)	
		Width mm (in.)	1505 (59.3)	
		Height mm (in.)	1250 / 1200 (49.2 / 47.2)	
	Overhang	Front mm (in.)	900 (35.7)	15
		Rear mm (in.)	965 (38.0)	
	Min. Running Ground Clearance mm (in.)		180 (7.1)	
	Angle of Approach degrees		15.9	
	Angle of Departure degrees		23.1	
	Curb Weight	Front kg (lb)	870 - 885 (1914 - 1947)	20
		Rear kg (lb)	620 - 655 (1364 - 1441)	
		Total kg (lb)	1490 - 1540 (3278 - 3388)	
	Gross Vehicle Weight	Front kg (lb)	960 (2112)	25
		Rear kg (lb)	1225 (2695)	
		Total kg (lb)	2185 (4707)	
Performance	Fuel Tank Capacity ℓ (Imp.gal.)		60 (13.2)	
	Luggage Compartment Capacity m <sup>3</sup> (cu.ft.)		0.212 (7.5)	
	Max. Speed km/h (mph)		180 (112)	
	Max. Cruising Speed km/h (mph)		—	
	Acceleration	0 to 100 km/h sec.	12.1	30
		0 to 400 m sec.	—	
	Max. Permissible Speed	1st Gear km/h (mph)	46 (29)	35
		2nd Gear km/h (mph)	86 (53)	
		3rd Gear km/h (mph)	133 (83)	
		4th Gear km/h (mph)	172 (109)	
	Min. Turning Radius	Tire m (ft.)	5.5 (18.0)	
		Body m (ft.)	5.9 (19.4)	
Engine	Engine Type		1AZ-FE	
	Valve Mechanism		16-Valve, DOHC	
	Bore x Stroke mm (in.)		86.0 x 86.0 (3.39 x 3.39)	
	Displacement cm <sup>3</sup> (cu.in.)		1998 (121.9)	40
	Compression Ratio		9.8 : 1	
	Fuel System		EFI	
	Research Octane No. or Cetane No. (Diesel)		95 or higher	
	Max. Output kW / rpm		110 / 6000	
	Max. Torque Nm / rpm		192 / 4000	45
Engine Electrical	Battery Capacity (SHR) Voltage & Amp. hr.		12-36	
	Alternator Output Watts		1200	
	Starter Output kW		1.3	
Chassis	Clutch Type		—	
	Transaxle Type		U241E	50
	Transmission Gear Ratio	In First	3.943	55
		In Second	2.197	
		In Third	1.413	
		In Fourth	1.020	
		In Fifth	3.145	
	In Reverse		—	
	Counter Gear Ratio		—	
	Differential Gear Ratio (Final)		3.120	
	Transfer and Rear Differential Gear Ratio		—	
	Rear Differential Gear Size in.		—	60
	Brake Type	Front	Ventilated Disc	
		Rear	Solid Disc	
	Parking Brake Type		Duo-Servo	
	Brake Booster Type and Size in.		Single, 10"	
	Proportioning Valve Type		—	65
	Suspension Type	Front	MacPherson Strut	
		Rear	Torsion-Beam	
	Stabilizer Bar	Front	Standard	70
		Rear	Standard	
	Steering Gear Type		Rack & Pinion	
	Steering Gear Ratio (Overall)		16.2 or 16.7	
	Power Steering Type		Integral Type	

\*1: With Roof Rail

\*2: Cold Area Package