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Comparison table

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	BMW 520d xDrive	BMW 525d xDrive	BMW 530d xDrive	BMW 535d xDrive	BMW 530d Steptronic
	2015	2015	2015	2015	2003
	Full Specs ->	Full Specs ->	Full Specs ->	Full Specs ->	Full Specs ->
					
Country of origin:	D Germany	D Germany	D Germany	D Germany	D Germany
Sales markets:	- Europe	- Europe	- Europe	- Europe	- Europe
Make:	BMW	BMW	BMW	BMW	BMW
Model:	5-Series F10-F11 2010-2016	5-Series F10-F11 2010-2016	5-Series F10-F11 2010-2016	5-Series F10-F11 2010-2016	5-Series E39 1995-2004
Submodel:	5 F10 phase-II Sedan xDrive (4WD) 2013-2016	5 F10 phase-II Sedan xDrive (4WD) 2013-2016	5 F10 phase-II Sedan xDrive (4WD) 2013-2016	5 F10 phase-II Sedan xDrive (4WD) 2013-2016	5 E39 Sedan phase-II 2000-2003
EEC segmentation:	E (executive cars)	E (executive cars)	E (executive cars)	E (executive cars)	E (executive cars)
Class:	mid-size luxury / executive car	mid-size luxury / executive car	mid-size luxury / executive car	mid-size luxury / executive car	mid-size luxury / executive car
Body style:	sedan	sedan	sedan	sedan	sedan
Doors:	4	4	4	4	4
Traction:	4x4 (four-wheel drive xDrive, 40/60 torque split in normal conditions, continuous torque split via multi-disc clutch)	4x4 (four-wheel drive xDrive, 40/60 torque split in normal conditions, continuous torque split via multi-disc clutch)	4x4 (four-wheel drive xDrive, 40/60 torque split in normal conditions, continuous torque split via multi-disc clutch)	4x4 (four-wheel drive xDrive, 40/60 torque split in normal conditions, continuous torque split via multi-disc clutch)	RWD (rear-wheel drive)
DIMENSIONS & CAPACITIES					
Length:	4907 mm / 193.2 in	4907 mm / 193.2 in	4907 mm / 193.2 in	4907 mm / 193.2 in	4775 mm / 188 in
Width:	1860 mm / 73.2 in	1860 mm / 73.2 in	1860 mm / 73.2 in	1860 mm / 73.2 in	1800 mm / 70.9 in
Height:	1464 mm / 57.6 in	1464 mm / 57.6 in	1464 mm / 57.6 in	1464 mm / 57.6 in	1435 mm / 56.5 in
Wheelbase:	2968 mm / 116.9 in	2968 mm / 116.9 in	2968 mm / 116.9 in	2968 mm / 116.9 in	2830 mm / 111.4 in
Fuel:	70 liter / 18.5 U.S. gal / 15.4 imp. gal	70 liter / 18.5 U.S. gal / 15.4 imp. gal	70 liter / 18.5 U.S. gal / 15.4 imp. gal	70 liter / 18.5 U.S. gal / 15.4 imp. gal	70 liter / 18.5 U.S. gal / 15.4 imp. gal
Legroom:					
1st row:	41.4 in / 1052 mm	41.4 in / 1052 mm	41.4 in / 1052 mm	41.4 in / 1052 mm	41.7 in / 1059 mm
2nd row:	35.3 in / 897 mm	35.3 in / 897 mm	35.3 in / 897 mm	35.3 in / 897 mm	34.2 in / 869 mm
3rd row:					
Shoulder room:					
1st row:	58.3 in / 1480 mm	58.3 in / 1480 mm	58.3 in / 1480 mm	58.3 in / 1480 mm	58 in / 1473 mm
2nd row:	56.2 in / 1427 mm	56.2 in / 1427 mm	56.2 in / 1427 mm	56.2 in / 1427 mm	58.5 in / 1486 mm
3rd row:					
Headroom:					
1st row:	40.5 in / 1028 mm	40.5 in / 1028 mm	40.5 in / 1028 mm	40.5 in / 1028 mm	37.4 in / 950 mm
2nd row:	38.3 in / 973 mm	38.3 in / 973 mm	38.3 in / 973 mm	38.3 in / 973 mm	37.5 in / 952 mm
3rd row:					
EPA passenger volume:					
Calc. passenger volume:	100.5 cu ft / 2.85 m3	100.5 cu ft / 2.85 m3	100.5 cu ft / 2.85 m3	100.5 cu ft / 2.85 m3	95.8 cu ft / 2.71 m3
for two rows:	100.5 cu ft / 2.85 m3	100.5 cu ft / 2.85 m3	100.5 cu ft / 2.85 m3	100.5 cu ft / 2.85 m3	95.8 cu ft / 2.71 m3
Trunk cap. claimed:					
Trunk cap. SAE:	396 // dm3 14 // cu ft	396 // dm3 14 // cu ft	396 // dm3 14 // cu ft	396 // dm3 14 // cu ft	314 // dm3 11.1 // cu ft
Trunk cap. VDA:	520 /// dm3 18.4 /// cu ft	520 /// dm3 18.4 /// cu ft	520 /// dm3 18.4 /// cu ft	520 /// dm3 18.4 /// cu ft	460 /// dm3 16.2 /// cu ft
Turning circle btw. walls:					
Turning circle btw. curbs:	12.1 m / 39.7 ft	12.1 m / 39.7 ft	12.1 m / 39.7 ft	12.1 m / 39.7 ft	11.3 m / 37.1 ft
Drag coefficient claimed:	0.25	0.26	0.26	0.26	0.29
Drag coefficient estimated:					
WEIGHTS					
Curb weight claimed (without a driver):	1730 kg / 3814 lbs	1765 kg / 3891 lbs	1810 kg / 3990 lbs	1840 kg / 4056 lbs	1660 kg / 3660 lbs



Photo of the moment:
1956 BMW Isetta 300 (2. serie)
(Photo: © PZ automobile-catalog.com™)

a/:



b/:



c/:



d/:



e/:

2003 BMW 530d Steptronic (BMW AG):

Dry weight claimed:					
Shipping weight claimed:					
Curb weight estimated:					
Total weight:	2330 kg / 5137 lbs	2365 kg / 5214 lbs	2410 kg / 5313 lbs	2440 kg / 5379 lbs	2200 kg / 4850 lbs
POWERTRAIN					
Engine manufacturer:	BMW B47D20	BMW N47D20	BMW N57D30	BMW N57D30	BMW M57D30
Engine type:	diesel	diesel	diesel	diesel	diesel
Fuel type:	diesel fuel	diesel fuel	diesel fuel	diesel fuel	diesel fuel
Fuel system:	common rail	common rail	common rail	common rail	common rail
Charge system:	turbocharger	2 turbochargers	turbocharger	2 turbochargers	turbocharger
Valves per cylinder:	4	4	4	4	4
Additional features:	commonrail 2000 bar with magnetic solenoid, variable turbo ("Twin Power Turbo"); intercooler	commonrail 2000 bar with piezo-injectors; variable twin turbo; intercooler	commonrail 1800 bar with magneto-injectors; variable turbo ("Twin Power Turbo"); intercooler	commonrail 1800 bar with piezo injectors; variable twin turbo; intercooler	DDE 4.0; variable turbo; intercooler
	DOHC	DOHC			
	Start-Stop system, brake energy regeneration (recuperation)	Start-Stop system, brake energy regeneration (recuperation)	Start-Stop system, brake energy regeneration (recuperation)	Start-Stop system, brake energy regeneration (recuperation)	
Emission control:	DPF, oxi-cat, NOx cat	DPF, oxi-cat, NOx cat	DPF, oxi-cat	DPF, oxi-cat	oxi-cat
Emission standard:	Euro 6	Euro 6	Euro 5	Euro 5	
Cylinders alignment:	Line 4	Line 4	Line 6	Line 6	Line 6
Displacement:	1995 cm3 / 121.8 cui	1995 cm3 / 121.8 cui	2993 cm3 / 182.8 cui	2993 cm3 / 182.8 cui	2926 cm3 / 178.6 cui
Horsepower net:	140 kW / 190 PS / 188 hp (ECE)	160 kW / 218 PS / 215 hp (ECE)	190 kW / 258 PS / 255 hp (ECE)	230 kW / 313 PS / 308 hp (ECE)	142 kW / 193 PS / 190 hp (ECE)
	/ 4000	/ 4400	/ 4000	/ 4400	/ 4000
Torque net:	400 Nm / 295 ft-lb	450 Nm / 332 ft-lb	560 Nm / 413 ft-lb	630 Nm / 465 ft-lb	410 Nm / 302 ft-lb
	/ 1750 - 2500	/ 1500 - 2500	/ 1500 - 3000	/ 1500 - 2500	/ 1750
Horsepower gross:					
Torque gross:					
Redline rpm:					
Car power to weight ratio net:	80.9 watt/kg / 36.7 watt/lb	90.7 watt/kg / 41.1 watt/lb	105 watt/kg / 47.6 watt/lb	125 watt/kg / 56.7 watt/lb	85.5 watt/kg / 38.8 watt/lb
Car weight to power ratio net:	12.4 kg/kW / 9.1 kg/PS / 20.3 lbs/hp	11 kg/kW / 8.1 kg/PS / 18.1 lbs/hp	9.5 kg/kW / 7 kg/PS / 15.6 lbs/hp	8 kg/kW / 5.9 kg/PS / 13.2 lbs/hp	11.7 kg/kW / 8.6 kg/PS / 19.3 lbs/hp
DRIVETRAIN					
Transmission type:	automatic	automatic	automatic	automatic	automatic
Number of gears:	8	8	8	8	5
Final drive ratio std:	2.929	3.077	2.471	2.647	2.81
Standard tires:	225/55 R 17 97W	225/55 R 17 W	225/55 R 17 W	225/55 R 17 W	225/55 R 16 W
PERFORMANCE DATA - factory claim					
Top speed:	230 km/h / 143 mph	240 km/h / 149 mph	250 km/h / 155 mph	250 km/h / 155 mph	230 km/h / 143 mph
0-60mph (s):	7.6	6.7	5.5	4.9	7.7
0-100km/h (s):	7.9	7	5.7	5.1	8
0-1/4mile (s):					
0-1km (s):		27.6	26.1	24.6	29.2
Fuel consumption:					
ECE 90/120/city (combined):					
EU/ADR82 urban/extra-urban/combined:	5.6 / 4.2 / 4.7 l/100km	5.8 / 4.6 / 5.1 l/100km	6.4 / 4.9 / 5.4 l/100km	6.8 / 4.9 / 5.6 l/100km	11.8 / 6.3 / 8.3 l/100km
	50.4 / 67.3 / 60.1 mpg(imp.)	48.7 / 61.4 / 55.4 mpg(imp.)	44.1 / 57.7 / 52.3 mpg(imp.)	41.5 / 57.7 / 50.4 mpg(imp.)	23.9 / 44.8 / 34 mpg(imp.)
	42 / 56 / 50 mpg(U.S.)	40.5 / 51.1 / 46.1 mpg(U.S.)	36.7 / 48 / 43.5 mpg(U.S.)	34.6 / 48 / 42 mpg(U.S.)	19.9 / 37.3 / 28.3 mpg(U.S.)
EPA city/highway:					
new EPA city/highway:					
AS2877 city/highway:					
CND FTP city/highway:					
NBR7024 city/highway /comb.:					
60-mode:					
10-15 mode:					
JC08 mode:					
Emission:	124 gCO2/km EU/ADR82	133 gCO2/km EU/ADR82	142 gCO2/km EU/ADR82	147 gCO2/km EU/ADR82	
PERFORMANCE DATA - ProfessCars™ simulation					
Top speed:	231 km/h / 144 mph	241 km/h / 150 mph	255 km/h / 158 mph	270 km/h / 168 mph	231 km/h / 144 mph
(theor. without speed governor)					
Acceleration:					
0-30 km/h (s):	1.3	1.2	1.2	1.1	1.4
0-40 km/h (s):	2	1.6	1.6	1.4	2



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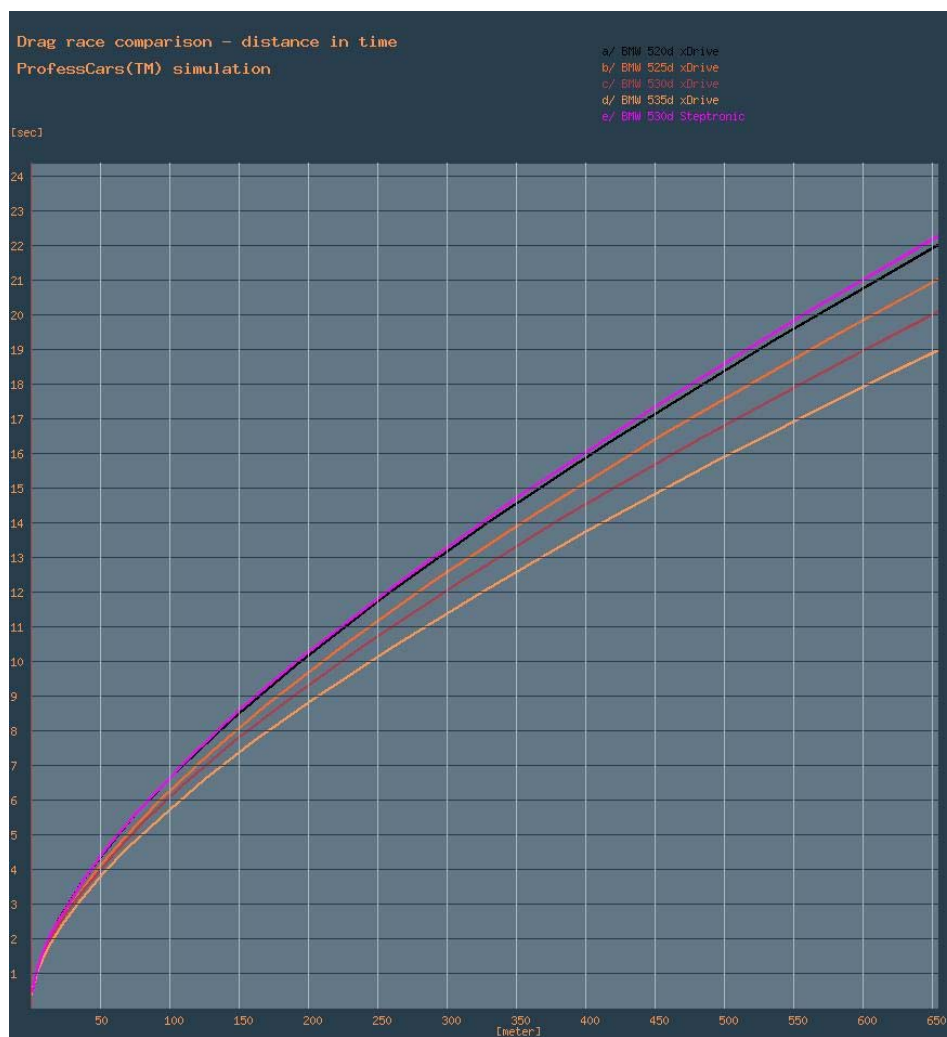
Zistíte ako! >

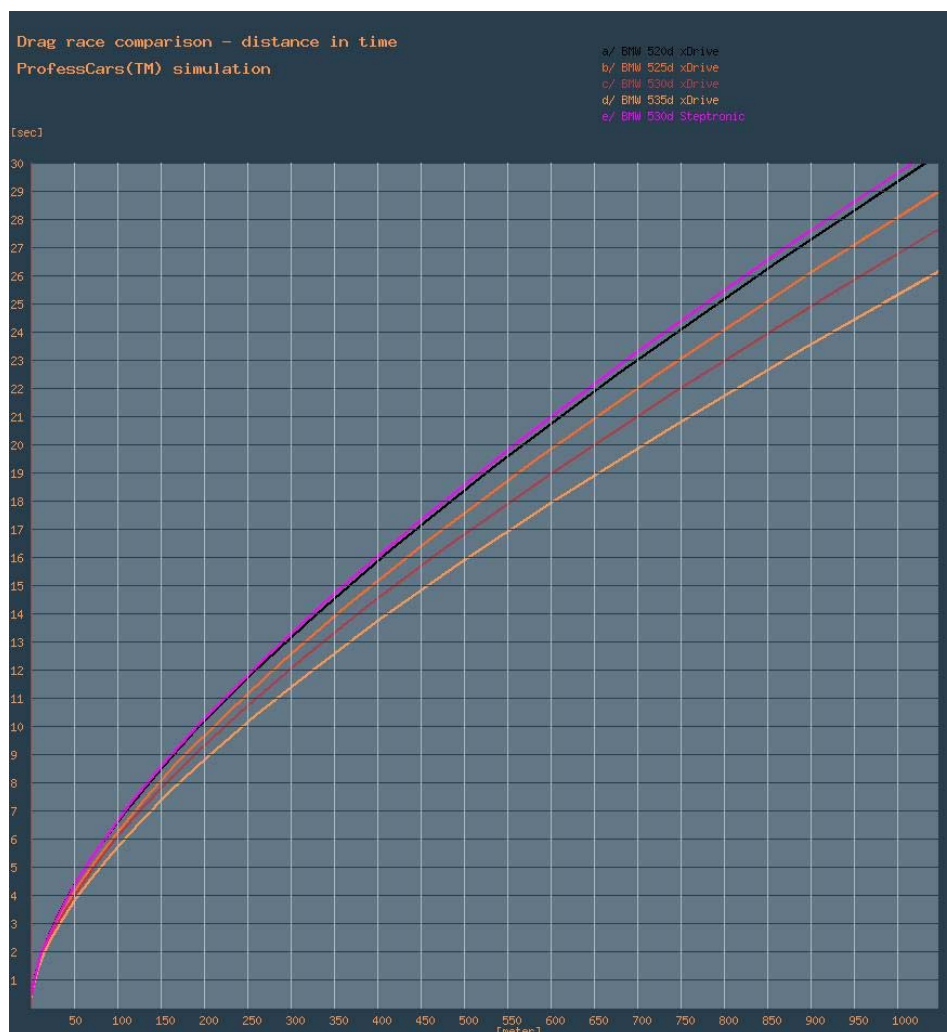
0-50 km/h (s):	2.6	2.3	2.2	1.9	2.5
0-60 km/h (s):	3.6	3	2.8	2.4	3.7
0-70 km/h (s):	4.5	4	3.5	3	4.6
0-80 km/h (s):	5.6	4.9	4.5	3.9	5.6
0-90 km/h (s):	7	6	5.4	4.6	7.2
0-100 km/h (s):	8.3	7.4	6.4	5.5	8.6
0-110 km/h (s):	9.9	8.7	7.7	6.6	10.1
0-120 km/h (s):	11.9	10.5	9	7.7	12.4
0-130 km/h (s):	14	12.3	10.5	8.9	14.7
0-140 km/h (s):	16.3	14.3	12.4	10.4	17.3
0-150 km/h (s):	19.3	16.6	14.2	12	20.1
0-160 km/h (s):	22.6	19.4	16.4	13.7	23.2
0-170 km/h (s):	26.5	22.5	18.9	15.7	26.9
0-180 km/h (s):	31.1	26.3	21.8	17.9	31.3
0-190 km/h (s):	37.3	31	25.3	20.5	38.4
0-200 km/h (s):	45.2	37	29.3	23.4	47.1
0-210 km/h (s):	56.4	44.8	34.4	26.8	59.5
0-220 km/h (s):	76.8	56.5	41	31.1	82.2
0-230 km/h (s):	367	84.5	51.1	36.4	260.3
0-240 km/h (s):		447.7	66.8	43.3	
0-250 km/h (s):			113.3	53.5	
0-270 km/h (s):				3558.8	
0-300 km/h (s):					
0-20 mph (s):	1.4	1.3	1.3	1.1	1.5
0-30 mph (s):	2.5	2.2	2.1	1.8	2.4
0-40 mph (s):	4	3.5	3.1	2.7	4.1
0-50 mph (s):	5.6	5	4.5	3.9	5.7
0-60 mph (s):	7.8	6.9	6	5.2	8.1
0-70 mph (s):	10.5	9.1	8.1	6.9	10.5
0-80 mph (s):	13.7	12	10.3	8.7	14.4
0-90 mph (s):	17.8	15.4	13.2	11.2	18.6
0-100 mph (s):	22.9	19.6	16.6	13.8	23.5
0-110 mph (s):	29.7	25.2	21	17.3	30
0-120 mph (s):	39.7	32.9	26.5	21.4	41.1
0-130 mph (s):	55.5	44.1	34	26.6	58.5
0-140 mph (s):	229.4	71.2	46.3	33.9	175.9
0-150 mph (s):			73.1	44.7	
0-160 mph (s):				1357.4	
0-180 mph (s):					
0-200 mph (s):					
Drag times:					
0- 1/4 mile (s):	15.9	15.2	14.6	13.8	16.1
speed at 1/4 mile:	138 km/h / 86 mph	144 km/h / 89 mph	151 km/h / 94 mph	160 km/h / 99 mph	135 km/h / 84 mph
quarter mile time					
difference to the car from	0	0.7	1.3	2.1	-0.2
the first column (s):					
distance at 1/4mile to the					
car from the first column	0	28 m / 31 yds	55 m / 60 yds	96 m / 105 yds	-7 m / -8 yds
ahead(+) or behind(-):					
0- 1km (s):	29.3	28	26.7	25.2	29.5
Acceleration on gears					
without gear reduction:					
60-100 km/h on IVth (s) or					
top gear if number of gears	5	4.4	4.2	3.5	8.1
<4:					
80-120 km/h on IVth (s) or					
top gear if number of gears	6.2	5.3	4.5	3.9	8.4
<4:					
80-120 km/h on Vth (s):	6.7	5.9	5.8	4.8	12
80-120 km/h on VIth (s):	8.9	7.5	7.7	6.3	
40-60 mph on IVth (s) or					
top gear if number of gears	4	3.5	3.4	2.8	6.4
<4:					
50-70 mph on IVth (s) or					
top gear if number of gears	4.6	4	3.5	3	6.6
<4:					
50-70 mph on Vth (s):	5.3	4.6	4.6	3.8	9.6
50-70 mph on VIth (s):	7.1	6	6.1	5	
Overtaking factors with					
gear reduction or					
kick-down:					
60-100 km/h (s):	4.8	4.3	3.6	3.1	4.8
80-120 km/h (s):	6.4	5.6	4.6	3.8	6.8
100-180 km/h (s):	22.8	19	15.4	12.5	22.7
40-70 mph (s):	6.5	5.7	5	4.2	6.4
50-90 mph (s):	12.2	10.4	8.7	7.3	12.9
Speed range (max speed					
on gears in km/h / mph):					
I:	38 / 24	41 / 25	49 / 30	48 / 30	54 / 34
II:	59 / 37	62 / 39	73 / 45	72 / 45	84 / 52
III:	89 / 55	92 / 57	109 / 68	107 / 67	117 / 73

IV:	111 / 69	116 / 72	138 / 86	135 / 84	186 / 116
V:	145 / 90	151 / 94	179 / 111	175 / 109	245 / 152
VI:	190 / 118	194 / 121	231 / 144	225 / 140	/
Fuel consumption (extra-urban / city / highway / average combined)					
l/100km:	5.6-7.4 / 8.7-11.5 / 5.4-7.1 / 7.8	5.9-7.8 / 9.3-12.3 / 5.8-7.6 / 8.3	6.6-8.6 / 10.9-14.4 / 6.3-8.3 / 9.5	7-9.3 / 11.8-15.5 / 6.7-8.8 / 10.2	5.9-7.8 / 10.9-14.4 / 6.8-9 / 9
mpg (imp.):	38.3-50.4 / 24.6-32.3 / 39.6-52.2 / 36.1	36.5-48 / 23.1-30.3 / 37-48.7 / 34.1	32.8-43.1 / 19.7-25.9 / 34.2-45.1 / 29.9	30.5-40.2 / 18.2-24 / 32.3-42.5 / 27.8	36.5-48 / 19.7-25.9 / 31.4-41.3 / 31.5
mpg (U.S.):	31.9-41.9 / 20.4-26.9 / 33-43.4 / 30	30.3-39.9 / 19.2-25.2 / 30.8-40.6 / 28.4	27.2-35.9 / 16.3-21.5 / 28.5-37.5 / 24.9	25.4-33.4 / 15.2-19.9 / 26.9-35.3 / 23.1	30.3-39.9 / 16.3-21.5 / 26.1-34.4 / 26.2
km/l:	13.6-17.8 / 8.7-11.4 / 14-18.5 / 12.8	12.9-17 / 8.2-10.7 / 13.1-17.3 / 12.1	11.6-15.3 / 7-9.2 / 12.1-15.9 / 10.6	10.8-14.2 / 6.5-8.5 / 11.4-15 / 9.8	12.9-17 / 7-9.2 / 11.1-14.6 / 11.2

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