

Conversion factors

| METRIC UNIT | | IMPERIAL UNIT | |
|-----------------------------|--------------------------------|-------------------------------|--------------------------------|
| 1 millimeter (mm) | = 0.03937 inches | 1 inch (") | = 25.4 millimeters |
| 1 meter (m) | = 1.09361 yards | 1 yard | = 0.9144 meters |
| 1 kilometer (Km) | = 0.62137 miles | 1 mile (mi) | = 1.609344 kilometers |
| 1 liter (l) | = 0.21997 gallons (UK) | 1 gallon (UK) | = 4.5461 litres |
| 1 liter (l) | = 0.26417 gallons (USA) | 1 gallon (USA) | = 3.7854 litres |
| 1 gram (g) | = 0.035274 ounces | 1 ounce (oz) | = 28.34952 grams |
| 1 kilogram (Kg) | = 2.205 pounds | 1 pound (lb) | = 0.45359 kilograms |
| 1 kilometer per hour (Km/h) | = 0.62137 miles per hour | 1 mile per hour (mph) | = 1.609344 kilometers per hour |
| 1 kilopascal (kPa) | = 0.145 pounds per square inch | 1 pound per square inch (psi) | = 6.895 kilopascal |
| 1 bar | = 100 kilopascal | 1 pound per square inch (psi) | = 0.06895 bar |
| 1 kilowatt (kW) | = 1.34 horsepower | 1 horsepower (HP) | = 0.746 kilowatts |
| 1 Newton meter (N.m) | = 0.113 inch pound | 1 inch pound (in-lb) | = 8.85 inch-pound |

Temperatures

| | | | | | | | | | | | | | |
|------------------------------------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|----|
| (Fahrenheit - 32) x 0.55 = Celsius | 32 | 40 | 50 | 60 | 70 | 75 | 85 | 95 | 105 | 140 | 175 | 212 | °F |
| (Celsius x 1.8) + 32 = Fahrenheit | 0 | 5 | 10 | 15 | 2 | 25 | 30 | 35 | 40 | 60 | 80 | 100 | °C |

Speed

| Speed code | A1 | A2 | A3 | A4 | A6 | A8 | B | C | D | E | F | J |
|------------|----|----|----|----|----|----|----|----|----|----|----|-----|
| Km/h | 5 | 10 | 15 | 20 | 30 | 40 | 50 | 60 | 65 | 70 | 80 | 100 |
| mph | 3 | 6 | 9 | 12 | 19 | 25 | 31 | 37 | 40 | 43 | 50 | 62 |

Km/h to mph x 0,62 mph to Km/h x 1,61

Pressures

| | | | | | | | | | | | | | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| kPa (kilopascal) | 60 | 100 | 120 | 140 | 160 | 180 | 200 | 240 | 280 | 320 | 360 | 400 | 500 |
| bar = kg/cm ² | 0.6 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.4 | 2.8 | 3.2 | 3.6 | 4.0 | 5.0 |
| psi = (pound/square inches) | 9 | 14 | 17 | 20 | 23 | 26 | 29 | 35 | 41 | 46 | 52 | 58 | 72 |

psi to bar x 0,06895 bar to psi x 14.50326 kPa to bar x 100,00 bar to kPa x 0,01 kPa to psi x 7,00 psi to kPa x 0,142