

Name of quantity	Quantity	Name of unit	Unit Symbol
Angle of rotation	θ	Degrees	$^{\circ}$
Angle of rotation (supplementary)	α	Radian	rad
Area	A	Square metre	m^2
Capacitance	C	Farad	F
Density	-	Kilogram/cubic	kg/m^3
Diameter	d	Metre	m
Efficiency	η	Precent	%
Electric current	I	Ampere	A
Electric potential	V	Volt	V
Electrochemical equivalent	z	Kilograms/coulom	kg/C
Energy	E	Joule	J
Force	F	Newton	N
Frequency	f	Hertz	Hz
Frequency (angular)	ω	Radians/second	rad/s
Heat capacity	C	Joules/Kelvin	J/K
Illuminance	E	Lux	lx
Inductance (mutual)	M	Henry	H
Inductance (self)	L	Henry	H
Impedance	Z	Ohm	Ω
Length	l	Metre	m
Luminance	L	cd/sq. metre	cd/m^2
Luminous flux	F	Lumen	lm
Luminous intensity	I	Candela	cd
Magnetic field strength	H	Amperes/meter	A/m
Magnetic flux	Φ	Weber	Wb
Magnetic flux density	B	Tesla	T
Magnetic reluctance	R_m	Ampere turns /	/H
Magnetomotive force	F_m	Ampere	A
Mass	m	Kilogram	kg
Number of poles	p	-	-
Number of turns	N	-	-
Permeability actual	μ	-	

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Permeability absolute	μ_0	Henry/metre	H/m (
Permeability relative	μ_r	-	(ratio)
Permittivity	ϵ	Farads/metre	F/m
Power apparent	S	Volt ampere	VA
Power reactive	Q	Volt ampere	var
Power true	P	Watt	W
Power factor	λ	Ratio	$\cos\phi$
Pressure	P	Pascal	Pa
Quantity of charge	Q	Coulomb	C
Radius	r	Metre	m
Reactance	X	Ohm	Ω
Resistance	R	Ohm	Ω
Resistivity	ρ	Ohm metre	Ωm
Rotational speed	n	-	rpm rns
Solid angle	ω	Steradian	sr
Slip	s	Percent	%
Specific heat capacity	C	Joules/kg.kelvin	J/kg.K
Temperature absolute	T	Kelvin	K
Temperature customary	t	Degrees Celsius	$^{\circ}\text{C}$
Time	t	Second	s
Time constant	τ	Second	s
Torque	T	Newton metre	Nm
Transformation ratio (instrument transformer)	K	-	-
Turns	t	-	-
Turns ratio (transformer)	n	-	-
Work	W	Joule	J