



## TORQUE CONVERSION FACTORS

Units to be converted ▼	AMERICAN STD.			METRIC			INTERNATIONAL SYSTEM - S.I.		
	oz-in	lb-in	lb-ft	g-cm	kg-cm	kg-m	mN-m	cN-m	N-m
1 oz - in =	1	0.0625	0.005	72	0.072	0.0007	7.062	0.706	0.007
1 lb - in =	16	1	0.083	1152.1	1.152	0.0115	113	11.3	0.113
1 lb - ft =	192	12	1	13826	13.83	0.138	1356	135.6	1.356
1 g - cm =	0.014	0.0009	0.000 07	1	0.001	0.00001	0.098	0.01	0.0001
1 kg - cm =	13.89	0.868	0.072	1000	1	0.01	98.07	9.807	0.098
1 kg - m =	1389	86.8	7.233	100000	100	1	9807	980.7	9.807
1 mN - m =	0.142	0.009	0.0007	10.2	0.01	0.0001	1	0.1	0.001
1 cN - m =	14.16	0.088	0.007	102	0.102	0.001	10	1	0.01
1 N - m =	141.6	8.851	0.738	10197	10.20	0.102	1000	100	1

**VALVE ACTUATORS • PNEUMATIC • HYDRAULIC • ELECTRIC**



Bar	Newton/M <sup>2</sup> (Pascal)	Kilopond/M <sup>2</sup>	Kilopond/Cm <sup>2</sup>	Atmosphere	Pounds/Ft <sup>2</sup>	Pounds/Inch <sup>2</sup>
$1 \times 10^{-5}$	1	$1.020 \times 10^{-1}$	$1.020 \times 10^{-5}$	$9.869 \times 10^{-6}$	$2.088 \times 10^{-2}$	$1.45 \times 10^{-4}$
1	$1 \times 10^5$	$1.020 \times 10^{-4}$	1.020	$9.869 \times 10^{-1}$	$2.088 \times 10^3$	14.5
$9.807 \times 10^{-5}$	9.807	1	$1 \times 10^{-4}$	$9.678 \times 10^{-5}$	$2.048 \times 10^{-1}$	$1.422 \times 10^{-3}$
$9.807 \times 10^{-1}$	$9.807 \times 10^4$	$1 \times 10^4$	1	$9.678 \times 10^{-1}$	$2.048 \times 10^3$	14.220
1.013	$1.013 \times 10^5$	$1.033 \times 10^4$	1.033	1	$2.116 \times 10^3$	14.693
$4.789 \times 10^{-4}$	47.893	4.884	$4.884 \times 10^{-4}$	$4.726 \times 10^{-4}$	1	$6.944 \times 10^{-3}$
$6.897 \times 10^{-2}$	$6.897 \times 10^3$	$7.033 \times 10^2$	$7.033 \times 10^{-2}$	$6.806 \times 10^{-2}$	$1.440 \times 10^2$	1

## Tyco Valve Automation

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