

CONVERSION CHART PRESSURE / TORQUE SL WRENCHES

TABLA DE CONVERSIÓN PRESIÓN / PAR DE LLAVES SL

PRESSURE PRESIÓN		SL3	SL5	SL7	SL9	SL13	SL21
bar		1" Nm	1 1/2" Nm	1 1/2 " Nm	1 1/2 " Nm	1 1/2 " Nm	2 1/2 " Nm
UNDERUSED INFRAUTILIZADA	110	523	723	960	1.622	1.886	3.538
	120	575	795	1.054	1.768	2.074	3.870
	130	626	868	1.175	1.913	2.263	4.202
	140	678	940	1.258	2.059	2.452	4.534
	150	729	1.013	1.360	2.205	2.640	4.867
	160	781	1.087	1.455	2.356	2.829	5.199
	170	833	1.161	1.571	2.507	3.018	5.531
	180	885	1.235	1.662	2.658	3.206	5.863
	190	937	1.310	1.768	2.809	3.395	6.196
	200	989	1.384	1.865	2.961	3.584	6.528
	210	1.041	1.457	1.963	3.112	3.773	6.860
	220	1.094	1.531	2.057	3.263	3.961	7.192
ADEQUATE ADECUADA	230	1.147	1.605	2.195	3.414	4.150	7.524
	240	1.199	1.678	2.280	3.565	4.339	7.857
	250	1.252	1.752	2.369	3.716	4.527	8.189
	260	1.306	1.824	2.451	3.866	4.716	8.521
	270	1.359	1.896	2.549	4.015	4.905	8.853
	280	1.413	1.969	2.648	4.165	5.093	9.186
	290	1.467	2.041	2.750	4.314	5.282	9.518
	300	1.520	2.113	2.856	4.464	5.471	9.850
	310	1.573	2.187	2.961	4.618	5.659	10.182
	320	1.625	2.261	3.066	4.773	5.848	10.514
	330	1.678	2.335	3.174	4.927	6.037	10.847
	340	1.730	2.409	3.270	5.082	6.225	11.179
OPTIMUM ÓPTIMA	350	1.783	2.483	3.386	5.237	6.414	11.511
	360	1.837	2.557	3.497	5.389	6.603	11.843
	370	1.892	2.631	3.569	5.541	6.791	12.176
	380	1.946	2.705	3.683	5.693	6.980	12.508
	390	2.001	2.779	3.778	5.845	7.169	12.840
	400	2.055	2.853	3.910	5.997	7.357	13.172
	410	2.111	2.927	3.989	6.146	7.546	13.504
	420	2.166	3.001	4.122	6.296	7.735	13.837
	430	2.222	3.075	4.231	6.445	7.923	14.169
	440	2.277	3.150	4.340	6.594	8.112	14.501
	450	2.333	3.224	4.446	6.744	8.301	14.833
	460	2.385	3.299	4.536	6.906	8.489	15.166
DANGEROUS PELIGROSA	470	2.438	3.374	4.643	7.068	8.678	15.498
	480	2.490	3.449	4.740	7.230	8.867	15.830
	490	2.543	3.524	4.865	7.392	9.056	16.162
	500	2.596	3.600	4.965	7.554	9.244	16.495
	510	2.650	3.676	5.072	7.714	9.433	16.827
	520	2.704	3.752	5.162	7.875	9.622	17.159
	530	2.758	3.828	5.291	8.035	9.810	17.491
	540	2.813	3.904	5.392	8.196	9.999	17.823
	550	2.867	3.981	5.536	8.357	10.188	18.156
	560	2.921	4.054	5.612	8.515	10.376	18.488
	570	2.974	4.127	5.709	8.673	10.565	18.820
	580	3.028	4.201	5.808	8.831	10.754	19.152
	590	3.082	4.274	5.912	8.989	10.942	19.485
	600	3.136	4.347	6.011	9.147	11.131	19.817
	610	3.188	4.424	6.120	9.303	11.320	20.149
	620	3.241	4.502	6.243	9.459	11.508	20.481
	630	3.293	4.579	6.336	9.615	11.697	20.813
	640	3.346	4.656	6.440	9.771	11.886	21.146
	650	3.398	4.733	6.542	9.927	12.074	21.478
	660	3.455	4.808	6.663	10.095	12.263	21.810
	670	3.511	4.883	6.751	10.263	12.452	22.142
	680	3.567	4.958	6.867	10.431	12.640	22.475
	690	3.623	5.033	6.980	10.599	12.829	22.807
	"A"	0,187	0,135	0,096	0,065	0,053	0,030
	"B"	15,3	14,6	22,2	9,6	10,057	3,5

The following equation can be used to get the intermediate pressure values:

$$\text{PRESSURE [bar]} = (\text{TORQUE [Nm]} \times \text{"A"}) + \text{"B"}$$

Para obtener valores de presión intermedios se emplea la siguiente ecuación:

$$\text{PRESIÓN [bar]} = (\text{PAR [Nm]} \times \text{"A"}) + \text{"B"}$$

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PRESSURE PRESIÓN		SL3	SL5	SL7	SL9	SL13	SL21
	psi	1" lbf-ft	1 1/2" lbf-ft	1 1/2 " lbf-ft	1 1/2 " lbf-ft	1 1/2 " lbf-ft	2 1/2 " lbf-ft
UNDERUSED INFRAUTILIZADA	1600	375	524	676	1.148	1.395	2.617
	1750	416	581	756	1.266	1.539	2.870
	1900	457	638	835	1.384	1.683	3.124
	2050	498	694	914	1.502	1.827	3.377
	2200	539	751	994	1.620	1.971	3.631
	2350	580	808	1.073	1.737	2.115	3.884
	2500	621	864	1.152	1.855	2.259	4.138
	2650	661	921	1.232	1.973	2.403	4.391
	2800	702	978	1.311	2.091	2.547	4.644
	2950	743	1.034	1.390	2.209	2.691	4.898
	3100	784	1.091	1.470	2.327	2.834	5.151
	3250	825	1.148	1.549	2.445	2.978	5.405
ADEQUATE ADECUADA	3400	866	1.204	1.628	2.563	3.122	5.658
	3550	907	1.261	1.708	2.681	3.266	5.911
	3700	947	1.318	1.787	2.799	3.410	6.165
	3850	988	1.374	1.866	2.917	3.554	6.418
	4000	1.029	1.431	1.946	3.034	3.698	6.672
	4150	1.070	1.488	2.025	3.152	3.842	6.925
	4300	1.111	1.544	2.104	3.270	3.986	7.179
	4450	1.152	1.601	2.184	3.388	4.130	7.432
	4600	1.193	1.658	2.263	3.506	4.274	7.685
	4750	1.234	1.714	2.342	3.624	4.418	7.939
	4900	1.274	1.771	2.422	3.742	4.562	8.192
	5050	1.315	1.828	2.501	3.860	4.705	8.446
	5200	1.356	1.884	2.580	3.978	4.849	8.699
	5350	1.397	1.941	2.660	4.096	4.993	8.953
	5500	1.438	1.998	2.739	4.213	5.137	9.206
OPTIMUM ÓPTIMA	5650	1.479	2.054	2.818	4.331	5.281	9.459
	5800	1.520	2.111	2.898	4.449	5.425	9.713
	5950	1.560	2.168	2.977	4.567	5.569	9.966
	6100	1.601	2.224	3.056	4.685	5.713	10.220
	6250	1.642	2.281	3.136	4.803	5.857	10.473
	6400	1.683	2.338	3.215	4.921	6.001	10.726
	6550	1.724	2.394	3.294	5.039	6.145	10.980
	6700	1.765	2.451	3.374	5.157	6.289	11.233
	6850	1.806	2.508	3.453	5.275	6.433	11.487
	7000	1.847	2.564	3.532	5.393	6.576	11.740
	7150	1.887	2.621	3.612	5.510	6.720	11.994
	7300	1.928	2.678	3.691	5.628	6.864	12.247
	7450	1.969	2.734	3.770	5.746	7.008	12.500
	7600	2.010	2.791	3.850	5.864	7.152	12.754
	7750	2.051	2.848	3.929	5.982	7.296	13.007
DANGEROUS PELIGROSA	7900	2.092	2.904	4.008	6.100	7.440	13.261
	8050	2.133	2.961	4.088	6.218	7.584	13.514
	8200	2.173	3.018	4.167	6.336	7.728	13.768
	8350	2.214	3.074	4.246	6.454	7.872	14.021
	8500	2.255	3.131	4.326	6.572	8.016	14.274
	8650	2.296	3.188	4.405	6.690	8.160	14.528
	8800	2.337	3.244	4.484	6.807	8.304	14.781
	8950	2.378	3.301	4.564	6.925	8.447	15.035
	9100	2.419	3.358	4.643	7.043	8.591	15.288
	9250	2.459	3.415	4.722	7.161	8.735	15.541
	9400	2.500	3.471	4.802	7.279	8.879	15.795
	9550	2.541	3.528	4.881	7.397	9.023	16.048
	9700	2.582	3.585	4.960	7.515	9.167	16.302
	9850	2.623	3.641	5.040	7.633	9.311	16.555
	10000	2.664	3.698	5.119	7.751	9.455	16.809
	"A"	3,671	2,647	1,891	1,272	1,042	0,592
	"B"	222,2	211,6	321,3	139,7	145,9	51,0

The following equation can be used to get the intermediate pressure values:

$$\text{PRESSURE [bar]} = (\text{TORQUE [Nm]} \times \text{"A"}) + \text{"B"}$$

Para obtener valores de presión intermedios se emplea la siguiente ecuación:

$$\text{PRESIÓN [bar]} = (\text{PAR [Nm]} \times \text{"A"}) + \text{"B"}$$