

RTX-2

LOW PROFILE

HYDRAULIC TORQUE WRENCH

Pressure/Torque Conversion Chart

How to use this chart

- 1 Find the closest torque value for your application, either in ft-lbs or in Nm.
- 2 Set the pressure on the pump that corresponds to the torque value. *Please ensure that the gauge calibration certificate is current.*
- 3 Appreciate the powerful torque output and the accuracy of the RTX-2. Enjoy the hands-free feature and work from a safe distance. *Your safety is our main priority.*

TORC
S.R.L.

**ENGINEERING AND TOOLS
INDUSTRIAL BOLTING SOLUTIONS**

Phone Argentina: + 54 9 3876005132

Phone Bolivia: + 59 1 72955893

info@torcsrl.com

www.torcsrl.com

PSI	FT.LB.	BAR	NM
1500	257	104	348
1600	274	110	371
1800	308	124	417
2000	342	138	464
2200	376	152	510
2400	410	165	556
2600	445	179	603
2800	479	193	649
3000	513	207	696
3200	547	220	742
3400	581	234	788
3600	616	248	835
3800	650	262	881
4000	684	276	927
4200	718	290	974
4400	752	303	1020
4600	787	317	1066
4800	821	331	1113
5000	855	345	1159
5200	889	358	1206
5400	923	372	1252
5600	958	386	1298
5800	992	400	1345
6000	1026	414	1391
6200	1060	427	1437
6400	1094	441	1484
6600	1129	455	1530
6800	1163	468	1577
7000	1197	482	1623
7200	1231	496	1669
7400	1265	510	1716
7600	1300	524	1762
7800	1334	538	1808
8000	1368	552	1855
8200	1402	565	1901
8400	1436	579	1947
8600	1471	593	1994
8800	1505	607	2040
9000	1539	620	2087
9200	1573	634	2133
9400	1607	648	2179
9600	1642	662	2226
9800	1676	676	2272
10000	1710	690	2318

RTX-4

LOW PROFILE

HYDRAULIC TORQUE WRENCH

Pressure/Torque Conversion Chart

How to use this chart

- 1 Find the closest torque value for your application, either in ft-lbs or in Nm.
- 2 Set the pressure on the pump that corresponds to the torque value. *Please ensure that the gauge calibration certificate is current.*
- 3 Appreciate the powerful torque output and the accuracy of the RTX-2. Enjoy the hands-free feature and work from a safe distance. *Your safety is our main priority.*

PSI	FT.LB.	BAR	NM
1500	578	104	784
1600	617	110	836
1800	694	124	941
2000	771	138	1045
2200	848	152	1150
2400	925	165	1254
2600	1002	179	1359
2800	1079	193	1463
3000	1157	207	1568
3200	1234	220	1673
3400	1311	234	1777
3600	1388	248	1882
3800	1465	262	1986
4000	1542	276	2091
4200	1619	290	2195
4400	1696	303	2300
4600	1773	317	2404
4800	1850	331	2509
5000	1928	345	2613
5200	2005	358	2718
5400	2082	372	2822
5600	2159	386	2927
5800	2236	400	3031
6000	2313	414	3136
6200	2390	427	3241
6400	2467	441	3345
6600	2544	455	3450
6800	2621	468	3554
7000	2699	482	3659
7200	2776	496	3763
7400	2853	510	3868
7600	2930	524	3972
7800	3007	538	4077
8000	3084	552	4181
8200	3161	565	4286
8400	3238	579	4390
8600	3315	593	4495
8800	3392	607	4599
9000	3470	620	4704
9200	3547	634	4809
9400	3624	648	4913
9600	3701	662	5018
9800	3778	676	5122
10000	3855	690	5227

TORC
S.R.L.

**ENGINEERING AND TOOLS
INDUSTRIAL BOLTING SOLUTIONS**

Phone Argentina: + 54 9 3876005132

Phone Bolivia: + 59 1 72955893

info@torcsrl.com

www.torcsrl.com

RTX-8

LOW PROFILE

HYDRAULIC TORQUE WRENCH

Pressure/Torque Conversion Chart

How to use this chart

- 1 Find the closest torque value for your application, either in ft-lbs or in Nm.
- 2 Set the pressure on the pump that corresponds to the torque value. *Please ensure that the gauge calibration certificate is current.*
- 3 Appreciate the powerful torque output and the accuracy of the RTX-2. Enjoy the hands-free feature and work from a safe distance. *Your safety is our main priority.*

PSI	FT.LB.	BAR	NM
1500	1223	104	1658
1600	1304	110	1768
1800	1467	124	1989
2000	1630	138	2210
2200	1793	152	2431
2400	1956	165	2652
2600	2119	179	2873
2800	2282	193	3094
3000	2445	207	3315
3200	2608	220	3536
3400	2771	234	3757
3600	2934	248	3978
3800	3097	262	4199
4000	3260	276	4421
4200	3423	290	4642
4400	3586	303	4863
4600	3749	317	5084
4800	3912	331	5305
5000	4076	345	5526
5200	4239	358	5747
5400	4402	372	5968
5600	4565	386	6189
5800	4728	400	6410
6000	4891	414	6631
6200	5054	427	6852
6400	5217	441	7073
6600	5380	455	7294
6800	5543	468	7515
7000	5706	482	7736
7200	5869	496	7957
7400	6032	510	8178
7600	6195	524	8399
7800	6358	538	8620
8000	6521	552	8841
8200	6684	565	9062
8400	6847	579	9283
8600	7010	593	9504
8800	7173	607	9725
9000	7336	620	9946
9200	7499	634	10167
9400	7662	648	10388
9600	7825	662	10609
9800	7988	676	10830
10000	8151	690	11051

TORC
S.R.L.

**ENGINEERING AND TOOLS
INDUSTRIAL BOLTING SOLUTIONS**

Phone Argentina: + 54 9 3876005132

Phone Bolivia: + 59 1 72955893

info@torcsrl.com

www.torcsrl.com

RTX-14

LOW PROFILE

HYDRAULIC TORQUE WRENCH

Pressure/Torque Conversion Chart

How to use this chart

- 1 Find the closest torque value for your application, either in ft-lbs or in Nm.
- 2 Set the pressure on the pump that corresponds to the torque value. *Please ensure that the gauge calibration certificate is current.*
- 3 Appreciate the powerful torque output and the accuracy of the RTX-2. Enjoy the hands-free feature and work from a safe distance. *Your safety is our main priority.*

PSI	FT.LB.	BAR	NM
1500	2010	104	2725
1600	2144	110	2907
1800	2412	124	3270
2000	2680	138	3634
2200	2948	152	3997
2400	3216	165	4360
2600	3484	179	4724
2800	3752	193	5087
3000	4020	207	5450
3200	4288	220	5814
3400	4556	234	6177
3600	4824	248	6540
3800	5092	262	6904
4000	5360	276	7267
4200	5628	290	7631
4400	5896	303	7994
4600	6164	317	8357
4800	6432	331	8721
5000	6700	345	9084
5200	6968	358	9447
5400	7236	372	9811
5600	7504	386	10174
5800	7772	400	10537
6000	8040	414	10901
6200	8308	427	11264
6400	8576	441	11627
6600	8844	455	11991
6800	9112	468	12354
7000	9380	482	12718
7200	9648	496	13081
7400	9916	510	13444
7600	10184	524	13808
7800	10452	538	14171
8000	10720	552	14534
8200	10988	565	14898
8400	11256	579	15261
8600	11524	593	15624
8800	11792	607	15988
9000	12060	620	16351
9200	12328	634	16715
9400	12596	648	17078
9600	12864	662	17441
9800	13132	676	17805
10000	13400	690	18168

TORC
S.R.L.

**ENGINEERING AND TOOLS
INDUSTRIAL BOLTING SOLUTIONS**

Phone Argentina: + 54 9 3876005132

Phone Bolivia: + 59 1 72955893

info@torcsrl.com

www.torcsrl.com

RTX-18

LOW PROFILE

HYDRAULIC TORQUE WRENCH Pressure/Torque Conversion Chart

How to use this chart

- 1 Find the closest torque value for your application, either in ft-lbs or in Nm.
- 2 Set the pressure on the pump that corresponds to the torque value.
Please ensure that the gauge calibration certificate is current.
- 3 Appreciate the powerful torque output and the accuracy of the RTX-2. Enjoy the hands-free feature and work from a safe distance.
Your safety is our main priority.

PSI	FT.LB.	BAR	NM
1500	2861	104	3879
1600	3052	110	4138
1800	3433	124	4655
2000	3815	138	5172
2200	4196	152	5689
2400	4578	165	6207
2600	4959	179	6724
2800	5341	193	7241
3000	5722	207	7758
3200	6104	220	8275
3400	6485	234	8793
3600	6867	248	9310
3800	7248	262	9827
4000	7630	276	10344
4200	8011	290	10862
4400	8393	303	11379
4600	8774	317	11896
4800	9156	331	12413
5000	9537	345	12930
5200	9918	358	13448
5400	10300	372	13965
5600	10681	386	14482
5800	11063	400	14999
6000	11444	414	15517
6200	11826	427	16034
6400	12207	441	16551
6600	12589	455	17068
6800	12970	468	17585
7000	13352	482	18103
7200	13733	496	18620
7400	14115	510	19137
7600	14496	524	19654
7800	14878	538	20171
8000	15259	552	20689
8200	15641	565	21206
8400	16022	579	21723
8600	16404	593	22240
8800	16785	607	22758
9000	17167	620	23275
9200	17548	634	23792
9400	17930	648	24309
9600	18311	662	24826
9800	18693	676	25344
10000	19074	690	25861

TORC
S.R.L.

**ENGINEERING AND TOOLS
INDUSTRIAL BOLTING SOLUTIONS**

Phone Argentina: + 54 9 3876005132

Phone Bolivia: + 59 1 72955893

info@torcsrl.com

www.torcsrl.com

RTX-30

LOW PROFILE

HYDRAULIC TORQUE WRENCH

Pressure/Torque Conversion Chart

How to use this chart

- 1 Find the closest torque value for your application, either in ft-lbs or in Nm.
- 2 Set the pressure on the pump that corresponds to the torque value. *Please ensure that the gauge calibration certificate is current.*
- 3 Appreciate the powerful torque output and the accuracy of the RTX-2. Enjoy the hands-free feature and work from a safe distance. *Your safety is our main priority.*

PSI	FT.LB.	BAR	NM
1500	4770	104	6467
1600	5088	110	6898
1800	5724	124	7761
2000	6360	138	8623
2200	6996	152	9485
2400	7632	165	10348
2600	8268	179	11210
2800	8904	193	12072
3000	9540	207	12935
3200	10176	220	13797
3400	10812	234	14659
3600	11448	248	15521
3800	12084	262	16384
4000	12720	276	17246
4200	13356	290	18108
4400	13992	303	18971
4600	14628	317	19833
4800	15264	331	20695
5000	15900	345	21558
5200	16536	358	22420
5400	17172	372	23282
5600	17808	386	24144
5800	18444	400	25007
6000	19080	414	25869
6200	19716	427	26731
6400	20352	441	27594
6600	20988	455	28456
6800	21624	468	29318
7000	22260	482	30181
7200	22896	496	31043
7400	23532	510	31905
7600	24168	524	32767
7800	24804	538	33630
8000	25440	552	34492
8200	26076	565	35354
8400	26712	579	36217
8600	27348	593	37079
8800	27984	607	37941
9000	28620	620	38804
9200	29256	634	39666
9400	29892	648	40528
9600	30528	662	41390
9800	31164	676	42253
10000	31800	690	43115

TORC
S.R.L.

**ENGINEERING AND TOOLS
INDUSTRIAL BOLTING SOLUTIONS**

Phone Argentina: + 54 9 3876005132

Phone Bolivia: + 59 1 72955893

info@torcsrl.com

www.torcsrl.com

LOW PROFILE QUICK SETUP

1 Connect the powerhead to the ratchet link.



a Push the ratchet mechanism all the way in (if needed).



b Hook powerhead to link. c



2 Make sure your hoses are free of any defects. Connect hose to the corresponding couplers on the pump and tool.



3 Cycle the tool.



4 NOTE: Easy to remember tool position for tightening and loosening.

Tightening.



Loosening.



5 Use the pressure/torque conversion chart to set the psi for the torque value you need.
NOTE: Only use the chart that corresponds to the tool

TOOL	
Pressure (psi)	Torque (ft-lb)
100	10
200	20
300	30
400	40
500	50
600	60
700	70
800	80
900	90
1000	100
1100	110
1200	120
1300	130
1400	140
1500	150
1600	160
1700	170
1800	180
1900	190
2000	200
2100	210
2200	220
2300	230
2400	240
2500	250
2600	260
2700	270
2800	280
2900	290
3000	300
3100	310
3200	320
3300	330
3400	340
3500	350
3600	360
3700	370
3800	380
3900	390
4000	400
4100	410
4200	420
4300	430
4400	440
4500	450
4600	460
4700	470
4800	480
4900	490
5000	500
5100	510
5200	520
5300	530
5400	540
5500	550
5600	560
5700	570
5800	580
5900	590
6000	600
6100	610
6200	620
6300	630
6400	640
6500	650
6600	660
6700	670
6800	680
6900	690
7000	700
7100	710
7200	720
7300	730
7400	740
7500	750
7600	760
7700	770
7800	780
7900	790
8000	800
8100	810
8200	820
8300	830
8400	840
8500	850
8600	860
8700	870
8800	880
8900	890
9000	900
9100	910
9200	920
9300	930
9400	940
9500	950
9600	960
9700	970
9800	980
9900	990
10000	1000



Turn the T-handle to the right to set the pressure.

WARNING:

NEVER PLACE HANDS NEAR ACTION OR REACTION POINTS.

ALWAYS WEAR HARD HAT, SAFETY GLOVES, GOGGLES, STEELTOE BOOTS AND EARPLUGS
THE PUMP AND THE TOOL SHOULD BE OPERATED BY THE SAME PERSON.