

RT-25 TORQUE CHART



This chart shows the correlation between pump gauge psi reading and torque output for your Rapid-Torc RT-25 hydraulic torque wrench.

Atlas Copco

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.

FOOT-POUNDS

PSI	FT.LB.	PSI	FT.LB.
1500	3884	5800	15016
1600	4142	6000	15534
1800	4660	6200	16052
2000	5178	6400	16570
2200	5696	6600	17087
2400	6214	6800	17605
2600	6731	7000	18123
2800	7249	7200	18641
3000	7767	7400	19159
3200	8285	7600	19676
3400	8803	7800	20194
3600	9320	8000	20712
3800	9838	8200	21230
4000	10356	8400	21748
4200	10874	8600	22265
4400	11392	8800	22783
4600	11909	9000	23301
4800	12427	9200	23819
5000	12945	9400	24337
5200	13463	9600	24854
5400	13981	9800	25372
5600	14498	10000	25890

NEWTON-METERS

BAR	NM	BAR	NM
104	5265	400	20359
110	5616	414	21061
124	6318	427	21763
138	7020	441	22465
152	7722	455	23167
165	8425	468	23869
179	9127	482	24571
193	9829	496	25274
207	10531	510	25976
220	11233	524	26678
234	11935	538	27380
248	12637	552	28082
262	13339	565	28784
276	14041	579	29486
290	14743	593	30188
303	15445	607	30890
317	16147	620	31592
331	16849	634	32294
345	17551	648	32996
358	18253	662	33698
372	18955	676	34400
386	19657	690	35102

The above torque values are only applicable when using a calibrated RT-25 hydraulic torque wrench powered by a 10,000 psi pump fitted with a calibrated class 1 gauge.