

TABLE B METRIC - PRESSURE VERSUS TORQUE HXD WITH CC-CASSETTES

	HXD-30	HXD-30	HXD-60	HXD-60	HXD-120	HXD-120	HXD-240	HXD-240
	CC-332 ¹⁾ CC-336 ²⁾ CC-341 ³⁾ CC-346 ⁴⁾	CC-350 ¹⁾ CC-355 ¹⁾ CC-360 ¹⁾	CC-641 ¹⁾ CC-646 ²⁾ CC-650 ³⁾ CC-655 ³⁾ CC-660 ³⁾	CC-665 ¹⁾ CC-670 ¹⁾ CC-675 ¹⁾ CC-680 ¹⁾	CC-1255 ¹⁾ CC-1260 ¹⁾ CC-1265 ²⁾ CC-1270 ²⁾ CC-1275 ²⁾ CC-1280 ³⁾	CC-1285 ¹⁾ CC-1290 ¹⁾ CC-1295 ¹⁾ CC-12100 ¹⁾	CC-2480 ¹⁾ CC-2485 ²⁾ CC-2490 ³⁾ CC-2495 ⁴⁾ CC-24100 ⁵⁾ CC-24105 ⁶⁾	- CC-24110 ¹⁾ CC-24115 ¹⁾ CC-24120 ¹⁾ CC-24125 ¹⁾ CC-24130 ¹⁾
bar	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm
40	140	160	295	355	555	640	1112	1200
60	210	240	440	530	833	960	1669	1808
80	290	325	565	675	1090	1270	2225	2426
100	360	410	710	845	1360	1590	2758	3052
120	435	490	850	1015	1630	1900	3310	3668
140	505	575	990	1165	1900	2210	3861	4285
160	580	655	1130	1330	2160	2520	4386	4901
180	650	740	1265	1480	2440	2840	4935	5517
200	720	820	1405	1645	2710	3150	5482	6138
220	790	905	1545	1810	2980	3470	6030	6734
240	865	975	1695	1970	3250	3770	6579	7325
260	940	1065	1835	2135	3520	4090	7059	7930
280	1010	1150	1950	2265	3790	4420	7602	8536
300	1080	1230	2090	2430	4050	4740	8144	9144
320	1155	1310	2225	2590	4320	5050	8687	9754
340	1230	1400	2350	2765	4600	5340	9230	10363
360	1300	1480	2490	2925	4880	5660	9619	10973
380	1375	1565	2630	3060	5170	5960	10154	11582
400	1450	1650	2765	3225	5450	6280	10688	12192
420	1520	1730	2905	3385	5720	6590	11222	12802
440	1595	1820	3035	3530	6000	6900	11757	13411
460	1670 ¹⁾	1910	3170	3690	6270	7220	12291	14021
480	1740	1985	3300	3860	6520	7540	12826	14630
500	1810	2070	3440	4020	6790	7860	13360	15240
520	1885	2150	3580	4185	7060	8170	13894 ¹⁾	15850
540	1955	2245	3700	4330	7330	8470	14429	16459
560	2025	2325	3840 ¹⁾	4490	7600	8780	14963	17069
580	2100 ²⁾	2400	3960	4675	7880 ¹⁾	9090	15498	17678
600	2170	2480	4100	4840	8150	9400	16032 ²⁾	18288
620	2240	2565	4230	5000	8420	9710	16566 ³⁾	18898
640	2310	2650	4355	5120	8690	10040	17101 ⁴⁾	19507
660	2385	2730	4490	5280	8940	10360	17635	20117
680	2455 ³⁾	2810	4665	5365	9190	10640	18170 ⁵⁾	20726
700	2525	2890	4805 ²⁾	5525	9440	10950	18704	21336
720	2600	2970	4940	5680	9710 ²⁾	11260	19238	21946
740	2670	3050	4995	5785	9990	11560	19773	22555
760	2745	3130	5130	5940	10280	11880	20307	23165
780	2815	3210	5275	6030	10560	12190	20842 ⁶⁾	23774
800	2890 ⁴⁾	3290 ¹⁾	5410 ³⁾	6190 ¹⁾	10860 ³⁾	12500 ¹⁾	21375	24215 ¹⁾

NOTE: 1), 2), 3) and 4) refer to table A1 for maximum torque of cassettes and reducer inserts.

CONVERSION TABLE

Pressure:

1 bar = 14,514 psi
 1 psi = 0,0689 bar

Torque:

1 Nm = 0,73756 Ft.lbs
 1 Ft.lbs = 1,355818 Nm

TABLE C IMPERIAL - PRESSURE VERSUS TORQUE HXD WITH CC-CASSETTES

	HXD-30	HXD-30	HXD-60	HXD-60	HXD-120	HXD-120	HXD-240	HXD-240
	CC-3125 ¹⁾ CC-3144 ²⁾ CC-3163 ³⁾ CC-3181 ⁴⁾	CC-3200 ¹⁾ CC-3219 ¹⁾ CC-3238 ¹⁾	CC-6163 ¹⁾ CC-6181 ²⁾ CC-6200 ³⁾ CC-6219 ³⁾ CC-6238 ³⁾	CC-6256 ¹⁾ CC-6275 ¹⁾ CC-6293 ¹⁾ CC-6313 ¹⁾	CC-12219 ¹⁾ CC-12238 ¹⁾ CC-12256 ²⁾ CC-12275 ²⁾ CC-12293 ²⁾ CC-12300 ²⁾ CC-12313 ³⁾	CC-12338 ¹⁾ CC-12350 ¹⁾ CC-12375 ¹⁾ CC-12388 ¹⁾	CC-24313 ¹⁾ CC-24338 ²⁾ CC-24350 ³⁾ CC-24375 ⁴⁾ CC-24388 ⁵⁾ CC-24413 ⁶⁾	CC-24425 ¹⁾ CC-24463 ¹⁾ CC-24500 ¹⁾
psi	Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs
600	107	122	225	271	423	488	848	915
800	142	163	298	359	565	651	1132	1226
1000	178	203	373	449	706	814	1415	1532
1200	221	248	431	515	831	969	1697	1850
1400	256	292	506	602	968	1132	1963	2173
1600	293	333	578	688	1107	1294	2244	2487
1800	332	373	648	774	1243	1449	2525	2798
2000	367	418	719	846	1380	1606	2805	3113
2200	404	460	791	931	1518	1766	3067	3424
2400	442	499	862	1015	1648	1922	3346	3738
2600	477	544	929	1087	1792	2086	3625	4052
2800	513	584	1001	1171	1930	2247	3903	4370
3000	549	626	1072	1255	2067	2403	4181	4682
3200	584	670	1143	1339	2204	2567	4460	4980
3400	623	702	1221	1419	2341	2716	4740	5277
3600	660	744	1293	1503	2479	2876	5018	5587
3800	699	792	1364	1587	2616	3040	5246	5894
4000	734	835	1417	1646	2753	3211	5525	6201
4200	770	877	1487	1728	2891	3372	5802	6511
4400	806	917	1559	1812	3021	3535	6073	6820
4600	844	957	1627	1893	3158	3692	6350	7130
4800	881	999	1697	1976	3295	3852	6626	7440
5000	920	1047	1757	2068	3440	3993	6902	7750
5200	955	1088	1829	2149	3576	4158	7066	8060
5400	992	1129	1899	2231	3713	4317	7338	8370
5600	1031	1173	1971	2293	3874	4467	7609	8680
5800	1069	1217	2039	2378	4019	4631	7881	8990
6000	1104	1257	2110	2459	4155	4787	8153	9300

this table is continued on the next page

NOTE: 1), 2), 3) and 4) refer to table A2 for maximum torque of cassettes and reducer inserts.

TABLE C IMPERIAL - PRESSURE VERSUS TORQUE HXD WITH CC-CASSETTES

	HXD-30	HXD-30	HXD-60	HXD-60	HXD-120	HXD-120	HXD-240	HXD-240
	CC-3125 ¹⁾ CC-3144 ²⁾ CC-3163 ³⁾ CC-3181 ⁴⁾	CC-3200 ¹⁾ CC-3219 ¹⁾ CC-3238 ¹⁾	CC-6163 ¹⁾ CC-6181 ²⁾ CC-6200 ³⁾ CC-6219 ³⁾ CC-6238 ³⁾	CC-6256 ¹⁾ CC-6275 ¹⁾ CC-6293 ¹⁾ CC-6313 ¹⁾	CC-12219 ¹⁾ CC-12238 ¹⁾ CC-12256 ²⁾ CC-12275 ²⁾ CC-12293 ²⁾ CC-12300 ²⁾ CC-12313 ³⁾	CC-12338 ¹⁾ CC-12350 ¹⁾ CC-12375 ¹⁾ CC-12388 ¹⁾	CC-24313 ¹⁾ CC-24338 ²⁾ CC-24350 ³⁾ CC-24375 ⁴⁾ CC-24388 ⁵⁾ CC-24413 ⁶⁾	CC-24425 ¹⁾ CC-24463 ¹⁾ CC-24500 ¹⁾
psi	Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs
6200	1141	1299	2181	2541	4294	4947	8424	9610
6400	1180	1346	2245	2611	4438	5104	8696	9920
6600	1219	1394	2313	2692	4575	5268	8968	10230
6800	1255 ¹⁾	1436	2383	2774	4713	5428	9239	10540
7000	1290	1472	2447	2863	4835	5592	9512	10849
7200	1325	1516	2519	2944	4972	5756	9783	11160
7400	1362	1556	2589	3026	5110	5916	10054	11470
7600	1401	1598	2661	3110	5247	6072	10326 ¹⁾	11780
7800	1436	1649	2718	3181	5384	6222	10598	12090
8000	1473	1692	2788 ¹⁾	3262	5522	6381	10870	12400
8200	1508	1747	2859	3343	5659	6538	11142	12710
8400	1546 ²⁾	1767	2917	3443	5804	6695	11413	13019
8600	1584	1810	2986	3525	5942 ¹⁾	6854	11686 ²⁾	13330
8800	1619	1850	3058	3610	6079	7011	11958	13640
9000	1654	1894	3123	3691	6216	7168	12226 ³⁾	13950
9200	1689	1938	3184	3743	6353	7339	12501	14260
9400	1725	1980	3253	3824	6491	7499	12773 ⁴⁾	14570
9600	1764	2020	3321	3906	6613	7663	13044	14880
9800	1799	2060	3419	3932	6735	7798	13316 ⁵⁾	15189
10000	1836 ³⁾	2102	3489 ²⁾	4012	6873	7957	13588	15500
10200	1871	2142	3561	4094	6995	8114	13859	15810
10400	1910	2182	3629	4172	7132	8271	14131	16120
10600	1947	2224	3698	4254	7270 ²⁾	8430	14404	16430
10800	1982	2264	3707	4294	7414	8580	14675	16739
11000	2020	2304	3778	4372	7566	8744	14947	17050
11200	2057	2346	3845	4452	7704	8903	15219	17359
11400	2092	2386	3921	4482	7849	9060	15490 ⁶⁾	17670
11600	2132 ⁴⁾	2425 ¹⁾	3990 ³⁾	4566 ¹⁾	8010 ³⁾	9220 ¹⁾	15765	17860 ¹⁾

NOTE: 1), 2), 3) and 4) refer to table **A2** for maximum torque of cassettes and reducer inserts.

CONVERSION TABLE

Pressure:

1 bar = 14,514 psi
1 psi = 0,0689 bar

Torque:

1 Nm = 0,73756 Ft.lbs
1 Ft.lbs = 1,355818 Nm