SQV-.6 Torque Chart

Pressure In	Torque			Pressure In
PSI	FT.LBS.	KGM	NM	Bars
1500	106	15	144	104
1600	113	16	153	110
1800	128	18	173	124
2000	142	20	192	138
2200	156	22	212	152
2400	170	24	231	165
2600	185	26	250	179
2800	199	28	269	193
3000	213	30	289	207
3200	227	32	308	220
3400	241	33	327	234
3600	256	36	346	248
3800	270	38	366	262
4000	284	39	385	276
4200	298	41	404	290
4400	312	43	423	303
4600	327	45	443	317
4800	341	47	462	331
5000	355	49	481	345
5200	369	51	500	358
5400	383	53	520	372
5600	398	55	539	386
5800	412	57	558	400
6000	426	59	577	414
6200	440	61	597	427
6400	454	63	616	441
6600	469	65	635	455
6800	483	67	654	468
7000	497	69	674	482
7200	511	71	693	496
7400	525	73	712	510
7600	540	75	731	524
7800	554	77	751	538
8000	568	79	770	552
8200	582	81	789	565
8400	596	83	808	579
8600	611	85	828	593
8800	625	87	847	607
9000	639	89	866	620
9200	653	91	885	634
9400	667	93	905	648
9600	682	95	924	662
9800	696	97	943	676
10000	710	99	962	690

SQV2 Torque Chart

Pressure In	Torque			Pressure In
PSI	FT.LBS.	KGM	NM	Bars
1500	175	24	237	104
1600	186	26	252	110
1800	208	29	282	124
2000	230	32	312	138
2200	253	35	343	152
2400	276	38	374	165
2600	299	42	405	179
2800	322	45	437	193
3000	345	48	468	207
3200	368	51	499	220
3400	391	54	530	234
3600	414	58	561	248
3800	437	61	592	262
4000	460	64	624	276
4200	483	67	655	290
4400	506	70	686	303
4600	529	73	717	317
4800	552	77	748	331
5000	575	80	779	345
5200	598	83	811	358
5400	621	86	842	372
5600	644	89	873	386
5800	667	93	904	400
6000	690	96	935	414
6200	713	99	967	427
6400	736	102	998	441
6600	759	105	1029	455
6800	782	109	1060	468
7000	805	112	1091	482
7200	828	115	1122	496
7400	851	118	1154	510
7600	874	121	1185	524
7800	897	125	1216	538
8000	920	128	1247	552
8200	943	131	1278	565
8400	966	134	1310	579
8600	989	137	1341	593
8800	1012	141	1372	607
9000	1035	144	1403	620
9200	1058	147	1434	634
9400	1081	150	1465	648
9600	1104	153	1497	662
9800	1127	157	1528	676
10000	1150	160	1559	690

SQV4 Torque Chart

Pressure In	Torque			Pressure In
PSI	FT.LBS.	KGM	NM	Bars
1500	455	63	617	104
1600	485	67	657	110
1800	545	76	739	124
2000	605	84	820	138
2200	665	92	901	152
2400	725	101	983	165
2600	785	109	1064	179
2800	845	117	1145	193
3000	905	126	1227	207
3200	965	134	1308	220
3400	1025	142	1389	234
3600	1085	151	1471	248
3800	1145	159	1552	262
4000	1205	167	1633	276
4200	1265	176	1715	290
4400	1325	184	1796	303
4600	1385	192	1878	317
4800	1445	201	1959	331
5000	1505	209	2040	345
5200	1565	217	2122	358
5400	1625	226	2203	372
5600	1685	234	2284	386
5800	1745	242	2366	400
6000	1805	251	2447	414
6200	1865	259	2528	427
6400	1925	267	2610	441
6600	1985	276	2691	455
6800	2045	284	2772	468
7000	2105	292	2854	482
7200	2165	301	2935	496
7400	2225	309	3016	510
7600	2285	317	3098	524
7800	2345	326	3179	538
8000	2405	334	3260	552
8200	2465	342	3342	565
8400	2525	351	3423	579
8600	2585	359	3504	593
8800	2645	367	3586	607
9000	2705	376	3667	620
9200	2767	384	3751	634
9400	2829	393	3835	648
9600	2891	402	3919	662
9800	2953	410	4003	676
10000	3015	419	4087	690

SQV8 Torque Chart

Pressure In	Torque			Pressure In
PSI	FT.LBS.	KGM	NM	Bars
1500	1388	193	1882	104
1600	1480	206	2007	110
1800	1665	231	2257	124
2000	1850	257	2508	138
2200	2035	283	2759	152
2400	2220	308	3010	165
2600	2406	334	3261	179
2800	2591	360	3512	193
3000	2776	386	3763	207
3200	2961	411	4014	220
3400	3146	437	4265	234
3600	3331	463	4516	248
3800	3516	488	4766	262
4000	3701	514	5017	276
4200	3886	540	5268	290
4400	4071	565	5519	303
4600	4256	591	5769	317
4800	4441	617	6020	331
5000	4626	643	6271	345
5200	4811	668	6522	358
5400	4996	694	6773	372
5600	5181	720	7023	386
5800	5366	745	7274	400
6000	5551	771	7525	414
6200	5736	797	7776	427
6400	5921	822	8027	441
6600	6106	848	8277	455
6800	6291	874	8528	468
7000	6476	899	8779	482
7200	6661	925	9030	496
7400	6846	951	9281	510
7600	7032	977	9532	524
7800	7217	1002	9783	538
8000	7402	1028	10034	552
8200	7587	1054	10285	565
8400	7772	1079	10536	579
8600	7957	1105	10787	593
8800	8142	1131	11037	607
9000	8327	1157	11288	620
9200	8512	1182	11539	634
9400	8697	1208	11790	648
9600	8882	1234	12040	662
9800	9067	1259	12291	676
10000	9252	1285	12542	690

SQV12 Torque Chart

Pressure In	Torque			Pressure In
PSI	FT.LBS.	KGM	NM	Bars
1500	1650	229	2237	104
1600	1760	244	2386	110
1800	1980	275	2684	124
2000	2200	306	2982	138
2200	2420	336	3281	152
2400	2640	367	3579	165
2600	2860	397	3877	179
2800	3080	428	4175	193
3000	3300	458	4473	207
3200	3520	489	4772	220
3400	3740	519	5070	234
3600	3960	550	5368	248
3800	4180	581	5666	262
4000	4400	611	5965	276
4200	4620	642	6263	290
4400	4840	672	6561	303
4600	5060	703	6859	317
4800	5280	733	7158	331
5000	5500	764	7456	345
5200	5720	794	7754	358
5400	5940	825	8052	372
5600	6160	856	8350	386
5800	6380	886	8649	400
6000	6600	917	8947	414
6200	6820	947	9245	427
6400	7040	978	9543	441
6600	7260	1008	9842	455
6800	7480	1039	10140	468
7000	7700	1069	10438	482
7200	7920	1100	10736	496
7400	8140	1131	11035	510
7600	8360	1161	11333	524
7800	8580	1192	11631	538
8000	8800	1222	11929	552
8200	9020	1253	12228	565
8400	9240	1283	12526	579
8600	9460	1314	12824	593
8800	9680	1344	13122	607
9000	9900	1375	13420	620
9200	10120	1406	13719	634
9400	10340	1436	14017	648
9600	10560	1467	14315	662
9800	10780	1497	14613	676
10000	11000	1528	14912	690

SQV30 Torque Chart

Pressure In	Torque			Pressure In
PSI	FT.LBS.	KGM	NM	Bars
1500	4448	618	6029	104
1600	4744	659	6431	110
1800	5337	741	7235	124
2000	5930	824	8039	138
2200	6523	906	8843	152
2400	7116	988	9646	165
2600	7709	1071	10450	179
2800	8302	1153	11254	193
3000	8895	1235	12508	207
3200	9488	1318	12862	220
3400	10081	1400	13666	234
3600	10674	1483	14470	248
3800	11267	1565	15274	262
4000	11860	1647	16077	276
4200	12453	1730	16881	290
4400	13046	1812	17685	303
4600	13639	1894	18489	317
4800	14232	1977	19293	331
5000	14825	2059	20097	345
5200	15418	2141	20901	358
5400	16011	2224	21705	372
5600	16604	2306	22508	386
5800	17197	2388	23312	400
6000	17790	2471	24116	414
6200	18383	2553	24920	427
6400	18976	2636	25724	441
6600	19569	2718	26528	455
6800	20162	2800	27332	468
7000	20755	2883	28135	482
7200	21348	2965	28939	496
7400	21941	3047	29743	510
7600	22534	3130	30547	524
7800	23127	3212	31351	538
8000	23720	3294	32155	552
8200	24313	3377	32959	565
8400	24906	3459	33763	579
8600	25499	3542	34566	593
8800	26092	3624	35370	607
9000	26685	3706	36174	620
9200	27278	3789	36978	634
9400	27871	3871	37782	648
9600	28464	3953	38586	662
9800	29057	4036	39390	676
10000	29650	4118	40194	690

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Your **HYTORC TORQUE MACHINE** is a power tool, and as with any power tool, certain safety precautions should be observed to avoid accidents or personal injury. The following tips will assist you.

- **READ ALL INSTUCTIONS.**
- **KEEP WORK AREA CLEAN AND WELL LIT.**
- **CONSIDER WORK AREA ENVIRONMENT.** Electrical Pumps should never be used in an atmosphere which can be considered potentially volatile. If there is any doubt, use an air pump. Also Note: metal to metal contact can cause sparks, precautions should be taken.
- **AVOID PREMATURE TOOL STARTING.** The Pump Remote Control is for the **TOOL OPERATOR** only.
- **STAY CLEAR DURING OPERATION**. In most cases, the tool will allow "hands free" operation. If the tool must be held or steadied during operation, use alternative means of securing the tool to the application
- **GUARD AGAINS ELECTRIC SHOCK**. Ensure the pump is properly grounded and the proper voltage is being used.
- **STORE IDLE TOOLS**. When not in use, tool sand accessories should be properly stored to avoid deterioration
- **USE RIGHT TOOL.** Don't force small tools or attachments to do the job of a larger tool. Don't use a tool for purposes not intended.
- **PROPER SAFETY ATTIRE.** When handling/operating hydraulic equipment use work gloves, hard hats, safety shoes and other applicable clothing.
- **USE SAFETY GLASSES.**
- **MOVING EQUIPMENT.** Do not use hydraulic hoses, uni-swivels, pump power or remote cords as means of moving the equipment.
- **MAINTAIN TOOLS WITH CARE.** For top performance, inspect tools, powerpack and accessories for visual damage frequently and always prior to use. Always follow instruction for proper tool and pump maintenance. Refer to the Operations Maintenance Section for further clarification
- **STAY ALERT.** Watch what you are doing. Use Common sense. Do not use power equipment under the influence of any mood altering substances.
- **PRIOR TO OPERATION**
  Ensure that all hydraulic connections are securely connected and there is no leakage
  Verify that the Hydraulic hoses are not kinked or otherwise damaged.
  Ensure the square drive and its retainer are fully and securely engaged.
  Be certain that all connectors, elbows, fitting and swivels are not bent, loose or damaged.
- **PRIOR TO USE.**
  Check sockets for size, quality and flaws. (Do not use if questionable)
  Cycle tool to ensure proper function.
  Locate a solid, secure reaction point.
  Be sure the reaction arm retaining clamp is fully engaged.
  Be sure the hydraulic hoses are free of the reaction point.
  Pressurize the system momentarily; if the tool tends to "ride up" or to "creep", stop and re-adjust the reaction arm to a more solid and secure position.

  NOTE: Remain clear of the reaction arm during operation and never put body parts between reaction arm and reaction surfaces.
- **ALWAYS USE QUALITY ACCESSORIES**. Always use top quality impact sockets in good condition which are the correct size and fully engage the nut. Hidden flaws, however, remain a possibility which could cause breakage, so stay clear of sockets during operation
- **DO NOR USE** other equipment to enhance performance (Hammer on Socket/Tool)

  NOTE: Hytorc Pumps are designed to operate Hytorc Tools only. Damage may occur to the pump or the product that is being operated due to misuse.

SAVE THESE INSTRUCTIONS FOR FUTURE USE!