

## SQV4 Torque Chart

Pressure In PSI	Torque			Pressure In Bars
	FT.LBS.	KGM	NM	
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

# 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 INSTRUCTIONS.**
- **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 AGAINST ELECTRIC SHOCK.** Ensure the pump is properly grounded and the proper voltage is being used.
- **STORE IDLE TOOLS.** When not in use, tool and 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 NOT 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!