

## SQV12 Torque Chart

Pressure In PSI	Torque			Pressure In Bars
	FT.LBS.	KGM	NM	
1500	1650	229	2237	104
1600	1760	244	2386	110
1800	1980	275	2684	124
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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
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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
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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
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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
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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
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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
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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
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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

# 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!