

**Torque Values Carrier 5H Compressor**

Size Diam (in.)	Threads Per In.	Torque Range (lb – ft)	Usage
1/16	Pipe	10 - 15	Pipe Plug – Auxiliary Control Valve Body
1/8	Pipe	15 - 20	Pipe Plug – Pump End Bearing Head
1/4	Pipe	20 - 25	Pipe Plug – Crankcase
		20 - 25	Pipe Plug – Pump End Cover
		20 - 25	Pipe Plug – Crankshaft
1/4	28 NF	12 - 16	Oil Pump Cover – Pump End Bearing Head
		8 - 12	Auxiliary Control Valve Cover – Valve Body
		8 - 12	Special Cap Screw – Auxiliary Control Valve Body
5/16	18 NC	16 - 20	Oil Pump Cover – Pump End Bearing Assembly
		16 - 20	Capacity Control Valve – Pump End Bearing Head
		16 - 20	Auxiliary Control Valve – Pump End Bearing Head
		16 - 20	Manifold Cover Plate – Crankcase
5/16	24 NF	18 - 22	Unloader Power Element – Crankcase
		18 - 22	Capacity Control Valve – Pump End Cover
		18 - 22	Discharge Valve Guide Assembly – Valve Plate
		18 - 22	Discharge Valve Guide – Inner Seat
		18 - 22	Cylinder Bracket
3/8	Pipe	30 - 35	Pipe Plug – Pump End Bearing Head
		30 - 35	Pipe Plug – Crankshaft
3/8	16NC	25 - 29	Capillary Tube Assembly – Pump End Bearing Head
		28	Connection Rod Bolt (Aluminum Rod)
7/16	14 NC	35 - 60	Suction and Discharge Manifold Cover – Crankcase
		55 - 60	Discharge Manifold – Cylinder Heads
		55 - 60	Valve Plate – Crankcase
		55 - 60	Cylinder Head – Crankcase
		53 - 60	Hand Hold Cover – Crankcase
		55 - 60	Shaft Seal Cover
7/16	20NF	40 - 45	Connecting Rod Bolt – Lock Nut (Steel Rod)
1/2	Pipe	35 - 40	Pipe Plug – Crankcase
		35 - 40	Pipe Plug – Pump End Bearing Head
		30 - 35	Pressure Relief Valve – Suction and Discharge Manifold Cover
		30 - 35	Pressure Relief Valve – Crankcase
1/2	13 NC	80 - 90	Suction and Discharge Manifold – Crankcase
		80 - 90	Suction Manifold Cover – Crankcase
5/8	11 NC	140 - 150	Suction Manifold Cover and Suction Manifold – Crankcase
5/8	18 NF	60 - 75	Magnetic Plug – Pump End Bearing Head
		60 - 75	Modulating Valve Adapter – Crankcase
		60 - 75	Oil Bypass Plug – Crankcase
		60 - 75	Oil Bypass Plug – Pump End Bearing Head
		60 - 75	Oil Bypass Plug – Pump End Cover
		80 - 90	Hollow Lock Screw – Pump End Cover and Center Main Bearing Housing
		45 - 55	Oil Pressure Relief Valve – Crankcase
		80 - 90	Cap – Oil Pressure Relief Valve Assembly
7/8	14 NF	60 - 75	Seal Plug – Pump End Bearing Head
		55 - 65	Oil Pressure Relief Valve – Crankcase
3/4	Pipe	45 - 50	Pipe Plug – Crankcase
1	Pipe	50 - 55	Pipe Plug – Crankcase
1 – 1/2	18 NEF	35 - 45	Sight Glass Clamping Gland – Hand Hold Cover
No. 6	32	8 - 10	Auxiliary Control Valve Cover – Valve Body