

## Copeland Compressor Bolt Torques

USAGE (Models)	GRADE	TORQUE	SIZE	THREADS
<b>BOTTOM PLATE</b>				
H,K	8	300	5/16	18
E,3A,3R,L,N,M,2,3D,9,4,6,8	4	400	3/8	16
E,3A,3R,L,N,M,2,3D,9,4,6,8	8	525	3/8	16
<b>CAPACITY CONTROL VALVE</b>				
M,2,3D,9,4,6,8		275	3/8	16
<b>CYLINDER HEAD</b>				
H,K	8	300	5/16	18
H,K (two center)	8	225	5/16	18
H,K (cadmium plated)		250	5/16	18
H,K (cadmium plated - two center)		200	5/16	18
E,3A,3R,L,N,M,2,3D,9,4,6,8	8	525	3/8	16
<b>CRANKCASE HEATER PLUG</b>				
M,2,3D,9,4,6,8		400	3/8	NPT
4,6,8		450	1/2	NPT
<b>HOUSING COVER</b>				
H,K	8	355	5/16	18
E,3A,3R,L,N,M,2,3D,9	5	400	3/8	16
4,6,8	8	550	3/8	16
<b>OIL COOLER TEE FITTING</b>				
4,6,8		120		
<b>OIL PUMP/BEARING COVER</b>				
H,K	5	100	1/4	20
E,3A,3R,L	5	250	5/16	18
N,M,2,3D,9,4,6,8	8	300	5/16	18
<b>OIL SCHRADER FITTING</b>				
E,3A,3R,L,N,M,2,3D,9		180		
<b>OIL SIGHT GLASS COVER PLATE</b>				
N		145		
<b>OIL SIGHT GLASS RETAINER NUTS</b>				
H,K,E,3A,3R,L		100		
<b>OIL SIGHT GLASS</b>				
N,M,2,3D,9,4,6,8	5	40		
N,M,2,3D,9,4,6,8	8	75		
<b>OIL SUPPLY MAGNETIC PLUG</b>				
M,2,3D,9		1200	3/4	16
4,6,8		1200	1	16
<b>STATOR COVER</b>				
H,K	8	375	5/16	18
E,3A,3R,L,N,M,3,3D,9	5	400	3/8	16
E,3A,3R,L,N,M,3,3D,9	8	525	3/8	16
4,6,8	5	625	1/2	13

TORQUE = inch pounds with lubricated bolts.

THREADS are per inch. NPT = National Pipe Thread.

The Letters and Numbers above are the first 1 or 2 digits of the Model Number.

8305 Sovereign Row • Dallas, Texas 75247

(800) 647-2665 tel • (214) 634-8227 fax

www.dallashermetic.com

Compressor Reference 2004

## Copeland Compressor Bolt Torques

USAGE (Models)	GRADE	TORQUE	SIZE	THREADS
<b>SERVICE VALVES</b>				
H,K,E,3A,3R,L,N,M,2,3D,9	5	225	5/16	18
E,3A,3R,L,N,M,2,3D,9,4,6,8	5	500	1/2	12
4,6,8	8	650	1/2	13
4,6,8		950	5/8	11
<b>TERMINAL PLATE</b>				
E,3A,3R,L,N,M,2,3D,9	8	300	5/16	18
4,6,8	8	525	3/8	16
<b>TERM SCREWS/NUTS INTERNAL</b>				
E,3A,3R,L,N,M,2,3D,9		35	#10	32
4,6,8		50	1/4	28
<b>TERM SCREWS/NUTS EXTERNAL</b>				
H,K,E,3A,3R,L,N,M,2,3D,9		9	#6	32
H,K,E,3A,3R,L,N,M,2,3D,9		18	#8	32
4,6,8		20	#10	24
H,K,E,3A,3R,L,N,M,2,3D,9		23	#10	32
4,6,8		50	1/4	20
N,M,2,3D,9		50	1/4	28
<b>TERMINAL JUMPER BAR NUT</b>				
M,2,3D,9		80	1/4	28
<b>TERMINAL FUSED CLUSTER</b>				
N,M,2,3D,9		45	1/4	20
4,6,8		75	1/4	20
<b>TERMINAL BLOCK SCREWS</b>				
H,K,E,3A,3R,L,N,M,2,3D,9		23	#10	32
<b>TERMINAL COVER</b>				
H,K,E,3A,3R,L,N,M,2,3D,9		40	#8	18
<b>BRASS SCHRADER VALVES</b>				
Eighth inch pipe		150	1/8	NPT
Quarter inch pipe		250	1/4	NPT

TORQUE = inch pounds with lubricated bolts.

THREADS are per inch. NPT = National Pipe Thread.

The Letters and Numbers above are the first 1 or 2 digits of the Model Number.

8305 Sovereign Row • Dallas, Texas 75247

(800) 647-2665 tel • (214) 634-8227 fax

[www.dallashermetic.com](http://www.dallashermetic.com)

Compressor Reference 2004