

Cooling Tower Torque Specifications

Vendor				
Rexnord	Coupling Model	Torque Values Dry		
	Number	Inch Pounds	Foot Pounds	Newton Meters
	LR-350	400	33	45
	LR-375	400	33	45
	LR-450	145	12	16
	LR-485	240	20	27
	LR-650	400	33	45
	LR-750/850	540	45	60
Hudson	With Bushing	Torque Values Dry		
Tuf-Lite II & III		Inch Pounds	Foot Pounds	Newton Meters
H & K Series	R-2 Bushing	350	29	39
	S-2 Bushing		70	95
	U-1 Bushing		140	190
	Without Bushing			
	Cap Screw 5/8"		110	149
	Cap Screw 3/4"		130	176
	Cap Screw 1"		160	217
	Blade Clamps			
	20ft Dia to 34ft Dia		125	169
	Seal Disk			
	All Sizes	240	20	27
	Hub Spool Plates			
	All Sizes		225	305
	Bolt Size	Torque Values Dry		
	HDG	Inch Pounds	Foot Pounds	Newton Meters
	1/4"	108	9	12
	3/8"		51 - 54	69 - 73
	1/2"		127 - 135	172 - 183
	5/8"		187 - 195	253 - 264
	3/4"		292 - 307	396 - 417
	7/8"		405 - 420	549 - 570
	1"		525 - 540	712 - 732
	1-1/8"		667 - 682	904 - 925
	1-1/4"		667 - 682	904 - 925
	Note: These values are for mounting the gears and motors.			
	Structure	Torque Values Dry		
		Inch Pounds	Foot Pounds	Newton Meters
	FRP / All Size Bolts	240	20	27
	Wood / All Size Bolts		Hand Tight	