



Addax® Couplings
6040 Fletcher Ave., Lincoln, NE 68507 (402)325-6000 Fax (402)325-6404

Cooling Tower Coupling Specification Sheet

Reference no: Q12002312
Selected By:
Remarks:

User Name: Yolyapi
User Location:

Input Data

Motor Data :	Motor RPM	1500	RPM
	Motor HP	75	kW
	Motor Hub Bore	50.000	mm
Fan Data	Fan Speed	180	RPM
	Blade Pass Frequency	1080	RPM
	No of Fan Blades	6	
	Gear Hub Bore	50.000	mm
Distance Between Shaft Ends (DBSE)		3150.00	mm
Required Minimum Service Factor		2.0	

Motor Torque Data

Motor Full Load torque	477	N-m
Motor Peak Torque	1444	N-m
Special Motor		
Motor Full Load Torque X Service Factor	955	N-m

Coupling Engineering Data

Model Selected Manually	LRA485.338SS
Rated Continuous Torque	1243 N-m
Rated Peak Overload Torque	1864 N-m
Actual Service Factor based on Motor HP	2.6
Total Coupling Weight	13 kg
Moment of Inertia (WR ²)	0.027 kg-m ²
Maximum DBSE Allowed @ 1500 RPM	3200 mm
Critical Speed	1793 RPM
Critical Speed Safety Factor	1.20
Maximum Bore This Model	85.750 mm
Spacer OD	85.72 mm
Max Coupling Diameter	152.40 mm
Max. Angular Misalignment (Per End)	1 Deg
End Float (Continuous)	1.3 mm

Dynamically Balanced Per VDI 2060 Class Q6.3



Member



Addax Seri No: 62189 T1-1
62189 T1-2

CAUTION - Special or Variable speed motor in use.