



Addax® Couplings

6040 Fletcher Ave., Lincoln, NE 68507

(402)325-6000 Fax (402)325-6404

Cooling Tower Coupling Specification Sheet

Reference no: BDI
Selected By: Pooja
Remarks: Qty 1 no.

User Name:
User Location:

Input Data

Motor Data :	Motor RPM	1500	RPM	✓
	Motor HP	37	kW	✓
	Motor Hub Bore	60.000	mm	✓
Fan Data	Fan Speed	320	RPM	✓
	Blade Pass Frequency	2880	RPM	
	No of Fan Blades	9		✓
	Gear Hub Bore	35.000	mm	✓
Distance Between Shaft Ends (DBSE)		1695.00	mm	1690.00 mm
Required Minimum Service Factor		2.0		

Motor Torque Data

Motor Full Load torque	236	N-m
Motor Peak Torque	713	N-m
Special Motor		
Motor Full Load Torque X Service Factor	471	N-m

Coupling Engineering Data

Model Selected Manually	LRF375.275SS
Rated Continuous Torque	600 N-m
Rated Peak Overload Torque	900 N-m
Actual Service Factor based on Motor HP	2.5
Total Coupling Weight	9 kg
Moment of Inertia (WR ²)	0.014 kg-m ²
Maximum DBSE Allowed @ 1500 RPM	2667 mm
Critical Speed	3594 RPM
Critical Speed Safety Factor	2.40
Maximum Bore This Model	65.024 mm
Spacer OD	70.36 mm
Max Coupling Diameter	133.35 mm
Max. Angular Misalignment (Per End)	1 Deg
End Float (Continuous)	0.8 mm

Dynamically Balanced Per VDI 2060 Class Q6.3



Member



CAUTION - Special or Variable speed motor in use.

Approved
31/5/2015
Dy. General Manager (Mech)
Uranium Corporation of India Ltd.,
Thummalapalli P. O.,