



APPLICATION DETAILS

APPLICATION	-
RATED POWER	-
RATED SPEED	-
RATED TORQUE	-
A.S.F.	-

COUPLING SPECIFICATIONS

COUPLING RATING	36.3 kW @ 100 RPM
CONTINUOUS TORQUE	3466 Nm
PEAK TORQUE	6932 Nm
SHORT CIRCUIT TORQUE	12131 Nm
MAX. BORE	HUB I = 80 mm HUB II = 100 mm
MAX. SPEED	4400 RPM
WEIGHT (Approx.)	14.647 kg
INERTIA (WK ²)	0.068 kg.m ²
GD ^{v2}	0.272 kg.m ²
TORSIONAL STIFFNESS	1.022 MNm/rad
CP/G DYNAMIC BALANCING	GR. 2.5, ISO 21940-11
MAX. MISALIGNMENT	
AXIAL	± 1 mm
ANGULAR	0.75° PER STACK

NOTE:-
TIGHTENING TORQUE :-

- 1) SR.NO.6 COUPLING BOLT = 136 Nm

REV	DM/RN NO.	DESCRIPTION	REV. BY	APPD. BY	DATE

SER. NO.	DESCRIPTION	MATERIAL	QTY.
1	DRIVEN HUB (I)	ASTM A 1040	1
2	DRIVE HUB (II)	ASTM A 1040	1
3	ELEMENT BLADE ASSEMBLY	ASTM A 1040	3
4	SLEEVE (I)	ASTM A 1040	3
5	SLEEVE (II)	ASTM A 1040	3
6	COUPLING BOLT	AH BOLT GR. 12.9 (ASTM 574M)	6
7	NYLOCK NUT	GR. 10	6

TITLE:	RLMK-400 III /XXXX CPLG	REFER TABLE
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CUSTOMER NAME:	RATHI TRANSPOWER PVT. LTD. PUNE, INDIA
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SCALE:	NTS	REF. NO.	-
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AUTHORITY/INITIALS	SIGN	DATE
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-

ANG. OF PROJ.	DRG. NO.:
	L/RLMK-XXXX0

3 EN-F-112-Rev1
