



1	APPLICATION DETAILS	-
2	RATED POWER	-
3	RATED SPEED	-
4	RATED TORQUE	-
5	A.S.F.	-
6	COUPLING SPECIFICATIONS	-
7	COUPLING RATING	20 kW @ 100 RPM
8	CONTINUOUS TORQUE	1910 Nm
9	PEAK TORQUE	3820 Nm
10	SHORT CIRCUIT TORQUE	6685 Nm
11	MAX. BORE	HUB I = 65 mm HUB II = 80 mm
12	MAX. SPEED	4800 RPM
13	WEIGHT (Approx.)	12.064 kg
14	INERTIA (WK <sup>2</sup> )	0.037 kg.m <sup>2</sup>
15	GD <sup>2</sup>	0.148 kg.m <sup>2</sup>
16	TORSIONAL STIFFNESS	0.420 MNm/rad
17	CPLG DYNAMIC BALANCING	GR. 2.5, ISO 21940-11
18	MAX. MISALIGNMENT	$\pm 1$ mm
19	AXIAL	$\pm 1$ mm
20	ANGULAR	0.75° PER STACK
21	RADIAL	1.15 mm

1	REV. DWRN NO.	DESCRIPTION	REV. BY/APPD. BY	DATE
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NOTE:-  
TIGHTENING TORQUE :-  
1) SR.NO. 7 & 8 COUPLING BOLT = 85 Nm

1	SR.NO.	DESCRIPTION	MATERIAL	QTY.
2	1	DRIVEN HUB (I)	ASTM A 1040	1
3	2	DRIVE HUB (II)	ASTM A 1040	1
4	3	SPACER	ASTM A 1065, ASTM A-36 / ASTM A 1040	1
5	4	ELEMENT BLADE ASSEMBLY	ASTM A 1040	2
6	5	SLEEVE (I)	ASTM A 1040	9
7	6	SLEEVE (II)	ASTM A 1040	3
8	7	COUPLING BOLT (I)	AH BOLT GR. 12.9 (ASTM 574M)	6
9	8	COUPLING BOLT (II)	AH BOLT GR. 12.9 (ASTM 574M)	6
10	9	NYLOCK NUT	GR. 10	12

TITLE: RLM-220(89)/II /XXXX  
CPLG

CUSTOMER NAME: RATHI TRANSPOWER PVT. LTD.  
PUNE, INDIA

REFER TABLE

AUTHORITY/INITIALS SIGN DATE

DRAWN -  
CHECKED -  
APPROVED -

SCALE: NTS REF. NO. -

ANG. OF PROJ. DRG. NO.: L/RLM-XXXX/0

3 ENF-112-Rev1