



8	SAP CODE	
7	APPLICATION DETAILS	- MOTOR - PUMP
6	RATED POWER	- 1600 KW
5	RATED SPEED	- 3000 RPM
4	RATED TORQUE	- APPLICATION
3	A.S.F.	- APPLICATION
2	COUPLING SPECIFICATIONS	
1	COUPLING RATING	58.5 kW @ 100 RPM
	CONTINUOUS TORQUE	5586 Nm
	PEAK TORQUE	11172 Nm
	SHORT CIRCUIT TORQUE	19551 Nm
	MAX. BORE	HUB I = 90 mm HUB II = 115 mm
	MAX. SPEED	4200 RPM
	WEIGHT (Approx.)	37.7 kg
	INERTIA (WK <sup>2</sup> )	0.193 kgm <sup>2</sup>
	GD <sup>2</sup>	0.774 kgm <sup>2</sup>
	TORSIONAL STIFFNESS	1.099 MNm/rad
	CPLG DYNAMIC BALANCING	GR. 2.5, ISO 21940-11
	MAX. MISALIGNMENT	
	AXIAL	$\pm 2$ mm
	ANGULAR	0.75° PER STACK
	RADIAL	1.49 mm

NOTE:-  
TIGHTENING TORQUE :-  
1) SR.NO.7 & 8 COUPLING BOLT = 211 Nm

9	NYLOCK NUT	GR. 10	12
8	COUPLING BOLT (II)	AH BOLT GR. 12.9 (ASTM 574M)	6
7	COUPLING BOLT (I)	AH BOLT GR. 12.9 (ASTM 574M)	6
6	SLEEVE (II)	ASTM A 1040	3
5	SLEEVE (I)	ASTM A 1040	9
4	ELEMENT BLADE ASSEMBLY	AISI SS 301	2
3	SPACER	ASTM A 1068, ASTM A-36 / ASTM A 1040	1
2	DRIVE HUB (II)	ASTM A 1040	1
1	DRIVEN HUB (I)	ASTM A 1040	1

TITLE:	RLM-520(114)III XXXX CPLG
CUSTOMER NAME:	RATHI TRANSPOWER PVT. LTD. PUNE, INDIA
MATERIAL:	REFER TABLE
AUTHORITY/INITIALS:	
DRAWN:	-
CHECKED:	-
APPROVED:	-
SCALE: NTS	REF. NO.
ANG. OF PROJ.:	DRG. NO.:
	L/RLMXXXXX0

