



**APPLICATION DETAILS**

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

**COUPLING SPECIFICATION**

COUPLING RATING	153 kW @ 100 RPM
RATED TORQUE	14.605 kNm.
PEAK TORQUE	29.21 kNm
MAX. SPEED	3950 rpm
MAX. BORE FLEX HUB	115 mm
MAX. BORE RIGID HUB	130 mm
INERTIA(KWK <sup>2</sup> )	0.44 Kgm <sup>2</sup>
WEIGHT(Approx.)	60.4 kg

ONLY CPLG HUBS TO BE DYNAMICALLY BALANCED TO Gr. 6.3, ISO-21940-11

**MAX. MISALIGNMENTS**

AXIAL DEFLECTION	$\pm 0.25$ mm
ANGULAR DEFLECTION	$\pm 1.5^\circ$

**NOTE:-**

- \* GREASE PLUG ON BOTH SLEEVES WILL BE PROVIDED FOR LUBRICATION.
- \* TIGHTENING TORQUE OF THE BOLT(SR.NO.-4) - 390 Nm
- \* GREASE QTY. - 0.23 Kg (CUSTOMER'S SCOPE)

REV/ DWRN NO.	DESCRIPTION	REV. BY	APPD. BY	DATE

SR.NO.	DESCRIPTION	MATERIAL	QTY.
8	RIGID HUB	C40 BS EN10277-2	1
7	HEX NUT	H.T.S. GR. 8	8
6	SPRING WASHER	SPRING STEEL	8
5	GASKET	NON ASBESTOS PAPER	1
4	HEX HEAD FIT BOLTS	H.T.S. GR 8.8	8
3	SLEEVE	C45 BS EN10277-2	1
2	'O' RING	NITRILE RUBBER	1
1	FLEX. HUB	C45 BS EN10277-2	1

TITLE: **LHG-105 / - COUPLING**

CUSTOMER NAME: **RATHI TRANSPOWER PVT LTD**

DRG. No.: **PUNE 411014**

Authority Initials: **Lovejoy**

Scale: NTS REF. No.: **3 EN-F-112 REV-1**