



APPLICATION DETAILS

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

COUPLING SPECIFICATION

| | |
|----------------------------|------------------------|
| COUPLING RATING | 100 kW @ 100 RPM |
| RATED TORQUE | 9.557 kNm. |
| PEAK TORQUE | 19.11 kNm |
| MAX. SPEED | 4580 rpm |
| MAX. BORE FLEX HUB | 100 mm |
| MAX. BORE RIGID HUB | 110 mm |
| INERTIA(KWK ²) | 0.211 Kgm ² |
| WEIGHT(Approx.) | 40.4 kg |

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

MAX. MISALIGNMENTS

| | |
|--------------------|-----------------|
| AXIAL DEFLECTION | ± 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) - 199 Nm
- * GREASE QTY. - 0.188 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 | MIN 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-104 / - COUPLING**

CUSTOMER NAME: **RATHI TRANSPOWER PVT LTD**
PUNE 411014

DRG. No.: **-**

| | | | |
|-----------|----------|------|------|
| AUTHORITY | INITIALS | SIGN | DATE |
| DRAWN | - | - | - |
| CHECKED | - | - | - |
| APPROVED | - | - | - |

SCALE: NTS/REF. No.: **-**

3 EN-F-112 REV-1