



|   |                   |                |      |
|---|-------------------|----------------|------|
| 8 | HUB-II            | SG 400/15      | 1    |
| 7 | OUTSIDE RING BOLT | AH GR.12.9     | 1SET |
| 6 | COUPLING BOLT     | HH GR.10.9     | 1SET |
| 5 | OUTSIDE RING      | MS (ASTM A 36) | 1    |
| 4 | INSIDE RING       | MS (ASTM A 36) | 1    |
| 3 | CUSHIONS          | POLYURETHANE   | 1SET |
| 2 | SPACER            | SG 400/15      | 1    |
| 1 | HUB-I             | SG 400/15      | 1    |

| SR NO | DESCRIPTION       | MATERIAL       | QTY. |
|-------|-------------------|----------------|------|
| 1     | HUB-I             | SG 400/15      | 1    |
| 2     | SPACER            | SG 400/15      | 1    |
| 3     | CUSHIONS          | POLYURETHANE   | 1SET |
| 4     | INSIDE RING       | MS (ASTM A 36) | 1    |
| 5     | OUTSIDE RING      | MS (ASTM A 36) | 1    |
| 6     | COUPLING BOLT     | HH GR.10.9     | 1SET |
| 7     | OUTSIDE RING BOLT | AH GR.12.9     | 1SET |
| 8     | HUB-II            | SG 400/15      | 1    |

**APPLICATION DETAILS**

|  |                      |
|--|----------------------|
| APPLICATION  | -                    |
| RATED POWER  | - KW                 |
| RATED SPEED  | - RPM                |
| RATED TORQUE   | - NM.                |
| A.S.F  | -                    |
| <b>COUPLING CAPACITY</b>   |                      |
| COUPLING RATING  | 84KW @ 100RPM.       |
| RATED TORQUE   | 8021.1 Nm.           |
| MAX. BORE TYPE-I & II  | 80mm. & 105mm.       |
| WEIGHT (Approx.)   | 59 Kg                |
| INERTIA WK <sup>2</sup>  | 0.5 kgm <sup>2</sup> |
| COUPLING HUBS DYNAMICALLY BALANCED TO GR6.3 AS PER ISO 21940-11. |                      |
| <b>MAX. MISALIGNMENT</b>   |                      |
| AXIAL DEFLECTION   | ±1.5 mm              |
| ANGULAR DEFLECTION   | 1°                   |
| RADIAL DEFLECTION  | 0.4 mm               |

| REV/ | DMRN NO. | DESCRIPTION | REV. BY | APPD. BY | DATE |
|------|----------|-------------|---------|----------|------|
|      |          |             |         |          |      |
|      |          |             |         |          |      |
|      |          |             |         |          |      |

TITLE: **HR-307 I/II(100)**  
 CUSTOMER NAME: **CPFG.**  
 MATERIAL: **REFER TABLE**  
 AUTHORITY INITIALS: **---** SIGN: **---** DATE: **---**

DRWING: **---** / **---**  
 SCALE: NTS/REF: No.: **---**  
 APPROVED: **---**  
 RATHI TRANSPOWER PVT LTD  
 PUNE 411014  
 DRG. No.: **---**  
 3 EN-F-112, REV.1