



**APPLICATION DETAILS**

APPLICATION	-
RATED POWER	- KW
RATED SPEED	- RPM
RATED TORQUE	- NM.
A.S.F	-
<b>COUPLING CAPACITY</b>	
COUPLING RATING	140KW @ 100RPM.
RATED TORQUE	13369.0 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

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

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

TITLE: **HR-307 I/II(100)**  
 CUSTOMER NAME: **CPFG.**  
 MATERIAL: **REFER TABLE**  
 AUTHORITY INITIALS: **---** SIGN: **---** DATE: **---**  
 DRAWN: **---** CHECKED: **---** APPROVED: **---**  
 SCALE: NTS/REF. No.: **---**  
 DRG. No.: **---**  
**RATHI TRANSPOWER PVT LTD**  
 PUNE 411014