



**APPLICATION DETAILS**

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

**COUPLING SPECIFICATION**

COUPLING RATING	168 kW @ 100 RPM
RATED TORQUE	16.043 kNm.
PEAK TORQUE	32.086 kNm
MAX. SPEED	4400 rpm
MAX. BORE	115 mm
INERTIA(WK <sup>2</sup> )	0.218 Kgm <sup>2</sup>
WEIGHT(Approx.)	40 kg

ONLY CPLG HUBS TO BE DYNAMICALLY BALANCED TO Gr. 6.3; ISO-21940-11  
**MAX. MISALIGNMENTS**

AXIAL DEFLECTION	±0.5 mm
ANGULAR DEFLECTION	±1.5° Deg./Gear mesh
RADIAL DEFLECTION	1.4 mm

**NOTE:-**  
 \* GREASE PLUG ON BOTH SLEEVES WILL BE PROVIDED FOR LUBRICATION.  
 \* TIGHTENING TORQUE OF THE BOLT(S.NO.-3) - 97 Nm  
 \* GREASE QTY. - 0.34 Kg (CUSTOMER'S SCOPE)

SR.NO.	DESCRIPTION	MATERIAL	QTY
7	'O' RING	NITRILE RUBBER	2
6	HEX NUT	GR 8 MIN	8
5	SPRING WASHER	SPRING STEEL	8
4	GASKET	NON ASBESTOS PAPER	1
3	HEX HEAD BOLT	GR 8.8	8
2	SLEEVE	C55 BS EN 10277-2	2
1	HUB	C55 BS EN 10277-2	2

TITLE: **RGD-30 / - COUPLING**  
 CUSTOMER NAME: **RATHI TRANSPOWER PVT LTD**  
 PUNE 411014  
 AUTHORITY INITIALS:   
 DRAWN:   
 CHECKED:   
 APPROVED:   
 SCALE: NTS REF. No.:   
 DRG. No.:   
 DATE:

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

**Lovefox** **RATHI TRANSPOWER PVT LTD**  
 PUNE 411014

3 EN-F-112 REV-1