



**APPLICATION DETAILS**

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

**COUPLING SPECIFICATION**

COUPLING RATING	105 kW @ 100 RPM
RATED TORQUE	10.027 kNm.
PEAK TORQUE	20.054 kNm
MAX. SPEED	5000 rpm
MAX. BORE	98 mm
INERTIA(WK <sup>2</sup> )	0.105 Kgm <sup>2</sup>
WEIGHT(Approx.)	27 kg

ONLY CPLG HUBS TO BE DYNAMICALLY BALANCED TO Gr. 6.3, ISO-1940-1

**MAX. MISALIGNMENTS**

AXIAL DEFLECTION	$\pm 0.5$ mm
ANGULAR DEFLECTION	$\pm 2'$ Deg./Gear mesh
RADIAL DEFLECTION	1.2 mm

**NOTE:-**

- \* GREASE PLUG ON BOTH SLEEVES WILL BE PROVIDED FOR LUBRICATION.
- \* TIGHTENING TORQUE OF THE BOLT(S.NO.-3) - 97 Nm
- \* GREASE QTY.- 0.23 Kg (CUSTOMER'S SCOPE)

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

REV.	DMRN NO.	DESCRIPTION	REV. BY	APPD. BY	DATE

TITLE: **RGD-25 /- COUPLING**

CUSTOMER NAME: \_\_\_\_\_

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

SCALE: NTS REF. No.: \_\_\_\_\_

**RATHI** RATHI TRANSPower PVT LTD PUNE 411014 DRG. No.: \_\_\_\_\_

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