



APPLICATION DETAILS	
APPLICATION	-
RATED POWER	-
RATED SPEED	-
RATED TORQUE	-
A.S.F.	-
COUPLING SPECIFICATION	
COUPLING RATING	472 kW @ 100 RPM
RATED TORQUE	45.073 kNm.
PEAK TORQUE	90.146 kNm
MAX. SPEED	3200 rpm
MAX. BORE	180 mm
FLEX HUB	200 mm
RIGID HUB	200 mm
INERTIA(WK^2)	1.512 Kgm^2
WEIGHT(Approx.)	132.5 kg
ONLY PUG HUBS TO BE DYNAMICALLY BALANCED TO Gr. 6.3, ISO-21940-11	
MAX. MISALIGNMENTS	
AXIAL DEFLECTION	± 0.5 mm
ANGULAR DEFLECTION	± 2 Deg./Gear mesh

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

S.R.NO.	DESCRIPTION	MATERIAL	QTY.
8	RIGID HUB	C40 BS EN10277-2	1
7	HEX NUT	GR 8.0 MIN	10
6	SPRING WASHER	SPRING STEEL	10
5	GASKET	NON ASBESTOS PAPER	1
4	HEX HEAD FIT BOLTS	GR 8.8	10
3	SLEEVE	C55 BS EN10277-2	1
2	'O' RING	NITRILE RUBBER	1
1	FLEX. HUB	C55 BS EN10277-2	1

NOTE:-
 * GREASE PLUG ON BOTH SLEEVES WILL BE PROVIDED FOR LUBRICATION.
 * TIGHTENING TORQUE OF THE BOLT(S.NO.-4) - 167 Nm
 * GREASE QTY. - 0.540 Kg (CUSTOMER'S SCOPE)

TITLE: **RGS-45/-COUPLING**
 CUSTOMER NAME: **RATHI TRANSPOWER PVT LTD**
PUNE 411014

Authority Initials: _____ Sign: _____ Date: _____
 Drawn: _____ Checked: _____ Approved: _____
 Scale: NTS REF. No.: _____
 DRG. No.: _____