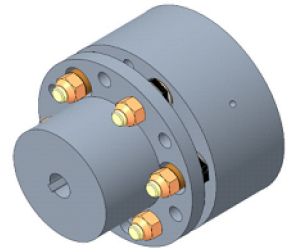
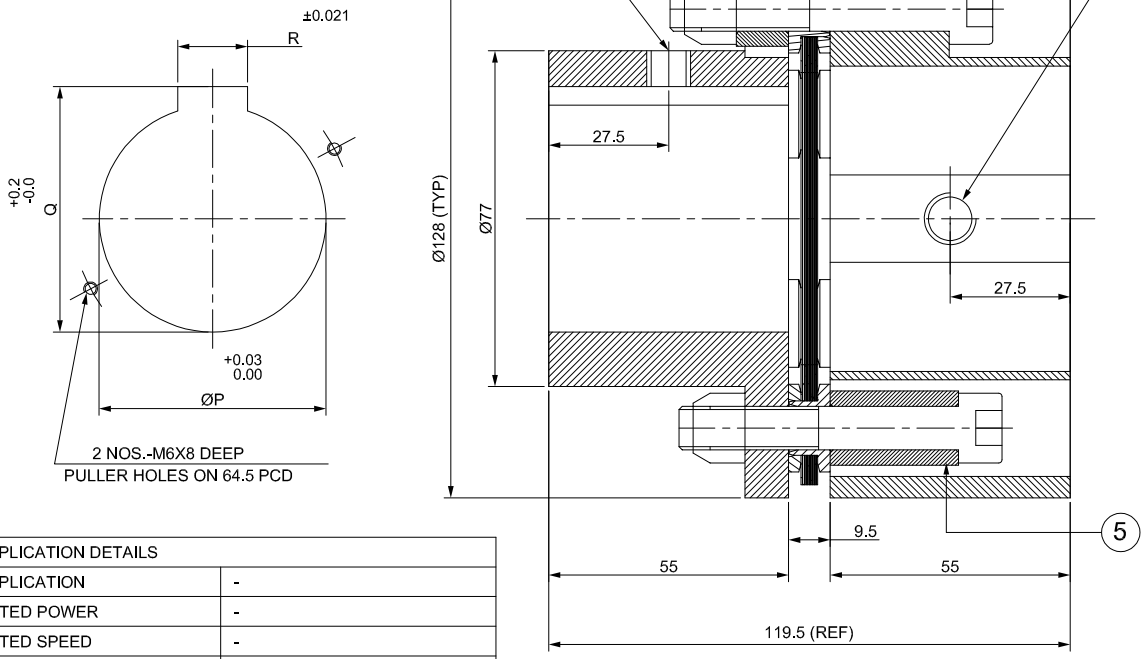
IF IN DOUBT, PLEASE ASK | www.rathicouplings.com | DO NOT SCALE | ALL DIMENSIONS ARE IN mm

SAP CODE





APPLICATION DETAILS	
APPLICATION	-
RATED POWER	-
RATED SPEED	-
RATED TORQUE	-
A.S.F.	-
COUPLING SPECIFICATIONS	
COUPLING RATING	12.6 kW @ 100 RPM
CONTINUOUS TORQUE	1203 Nm
PEAK TORQUE	2406 Nm
SHORT CIRCUIT TORQUE	4211 Nm
MAX. BORE	HUB I = 52 mm
	HUB II = 70 mm
MAX. SPEED	5200 RPM
WEIGHT (Approx.)	6.242 kg
INERTIA (WK^2)	0.015 kg.m^2
GD^2	0.060 kg.m^2
TORSIONAL STIFFNESS	0.339 MNm/rad
CPLG DYNAMIC BALANCING	GR. 2.5 , ISO 21940-11
MAX. MISALIGNMENT	
AXIAL	± 1 mm
ANGULAR	0.75° PER STACK

NOTE:-
TIGHTENING TORQUE :-
1) SR.NO.6 COUPLING BOLT = 49 Nm

SR.NO.	DESCRIPTION	MATERIAL	QTY.
7	NYLOCK NUT	GR. 10	6
6	COUPLING BOLT	AH BOLT GR. 12.9 (ASTM 574M)	6
5	SLEEVE (II)	ASTM A 1040	3
4	SLEEVE (I)	ASTM A 1040	3
3	ELEMENT BLADE ASSEMBLY	AISI SS 301	1
2	DRIVE HUB (II)	ASTM A 1040	1
1	DRIVEN HUB (I)	ASTM A 1040	1

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

TITLE: RLMK-170 I/II /XXXX CPLG
MATERIAL: REFER TABLE
CUSTOMER NAME:

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

SCALE: NTS | REF. NO.

RATHI TRANSPOWER PVT. LTD. PUNE, INDIA

ANG. OF PROJ. | DRG.NO.: L/RLMK-XXXX/0

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