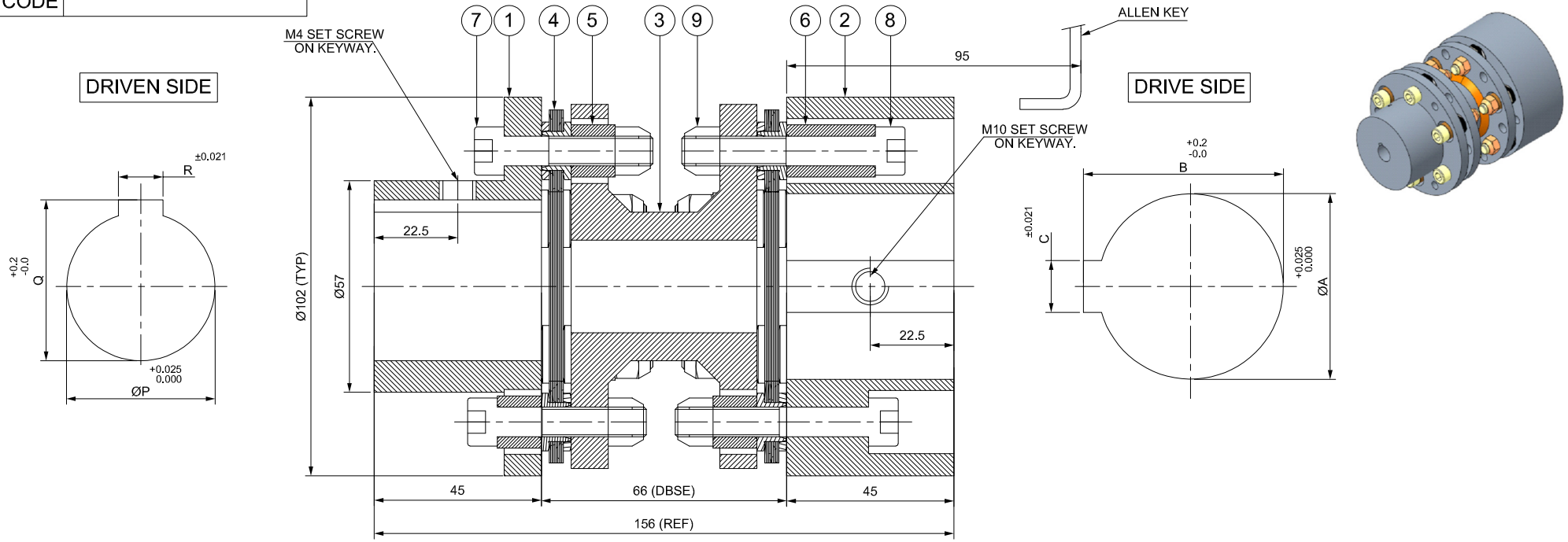
IF IN DOUBT, PLEASE ASK | www.rathicouplings.com | DO NOT SCALE | ALL DIMENSIONS ARE IN mm

SAP CODE



APPLICATION DETAILS	
APPLICATION	-
RATED POWER	-
RATED SPEED	-
RATED TORQUE	-
A.S.F.	-
COUPLING SPECIFICATIONS	
COUPLING RATING	6.5 kW @ 100 RPM
CONTINUOUS TORQUE	621 Nm
PEAK TORQUE	1242 Nm
SHORT CIRCUIT TORQUE	2174 Nm
MAX. BORE	HUB I = 40 mm
	HUB II = 50 mm
MAX. SPEED	6000 RPM
WEIGHT (Approx.)	4.799 kg
INERTIA (WK^2)	0.007 kg.m^2
GD^2	0.028 kg.m^2
TORSIONAL STIFFNESS	0.131 MNm/rad
CPLG DYNAMIC BALANCING	GR. 2.5 , ISO 21940-11
MAX. MISALIGNMENT	
AXIAL	± 1 mm
ANGULAR	0.75° PER STACK
RADIAL	0.86 mm

NOTE:-
TIGHTENING TORQUE :-
1) SR.NO.7 & 8 COUPLING BOLT = 25 Nm

SR.NO.	DESCRIPTION	MATERIAL	QTY.
9	CLEVELOCK NUT	GR. 10	12
8	COUPLING BOLT (II)	AH BOLT GR. 12.9 (ASTM 574M)	6
7	COUPLING BOLT (I)	AH BOLT GR. 12.9 (ASTM 574M)	6
6	SLEEVE (II)	ASTM A 1040	3
5	SLEEVE (I)	ASTM A 1040	9
4	ELEMENT BLADE ASSEMBLY	AISI SS 301	2
3	SPACER	ASTM A 106B,ASTM A-36 / ASTM A 1040	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: RLM-95(66)I/II /XXXX CPLG

MATERIAL: REFER TABLE

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

CUSTOMER NAME:

SCALE: NTS

REF. NO.

RATHI TRANSPOWER PVT. LTD. PUNE, INDIA

ANG. OF PROJ.

DRG.NO.: L/RLM-XXXX/0

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E/ O/

3 EN-F-112-Rev1