

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

STEP 1

CLEAN MATING SURFACES FREE OF GREASE

STEP 2

REMOVE SET SCREW

STEP 3

IF THE MOTOR HAS A KEYWAY, REMOVE IT

STEP 4

FIT THE MOTOR IN THE GEARBOX

STEP 5

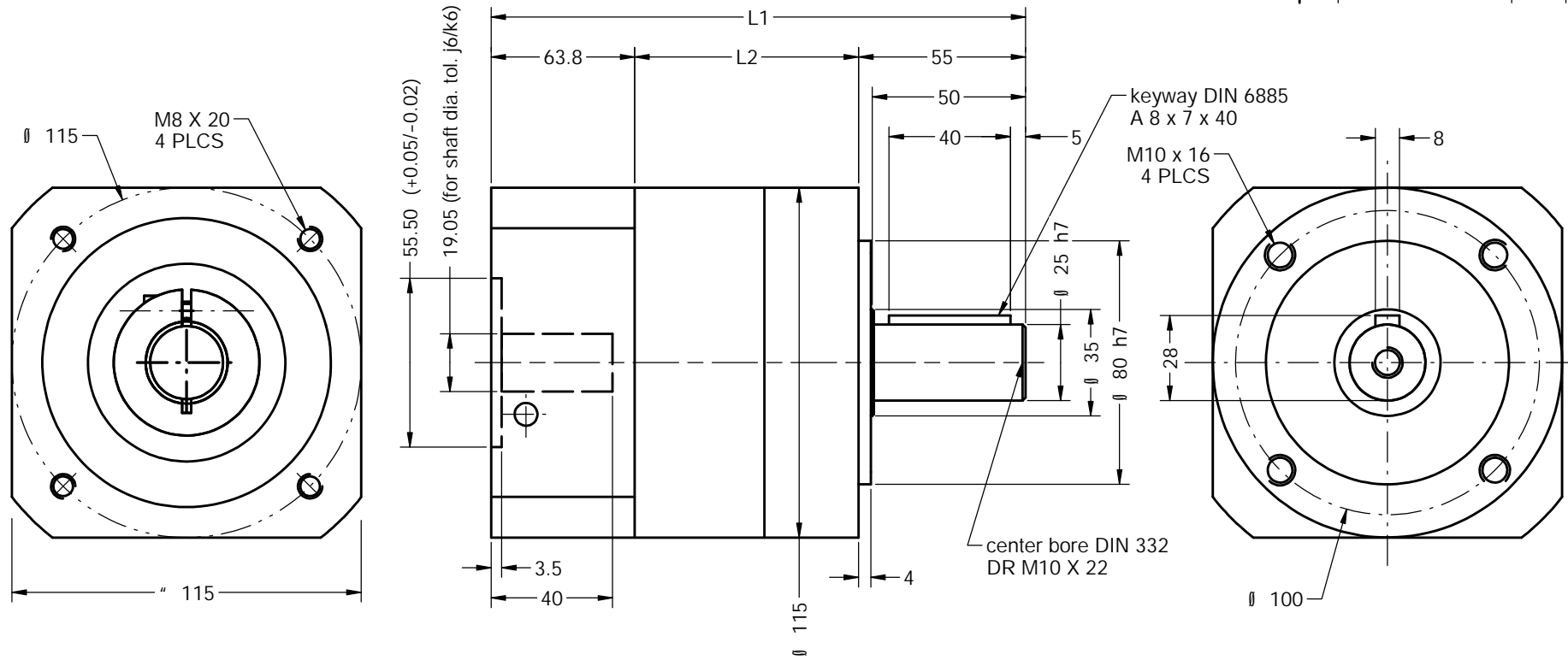
MOUNT MOTOR TO GEARBOX WITH SCREWS PROVIDED

STEP 6

TIGHTEN COUPLER AND REPLACE SET SCREW

		ANAHEIM AUTOMATION 910 EAST ORANGEFAIR LANE ANAHEIM, CA. 92801-1195	
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<small>TOLERANCES UNLESS OTHERWISE SPECIFIED: .XX - .010 .XXX - .005 .XXX - .003 ANGLES - ± 5 DEGREES</small>		<small>REFERENCE DRAWINGS</small> MATERIAL FINISH	<small>TITLE</small> PLE GEARBOX TO MOTOR MOUNTING INSTRUCTIONS
<small>DATE</small> 11-3-05	<small>DRAWING NO.</small> AA4485	<small>SCALE</small> 1/1	<small>REV</small> 1 OF 1
<small>DRAWN</small> T. RAINES <small>APPROVED</small>		<small>MODEL</small>	<small>SHEET</small>

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Technical Specifications

planetary gear: straight - toothed
 lifetime: 30.000h
 output shaft bearing: grooved ballbearing
 -max. axial load: 2800N by n2=100 1/min /Fr=0 /Lh=10.000h
 -max. radial load: 2000N by n2=100 1/min /Fa=0 /Lh=10.000h
 -max. axial load: 2100N by n2=100 1/min /Fr=0 /Lh=30.000h
 -max. radial load: 1500N by n2=100 1/min /Fa=0 /Lh=30.000h
 -ref. on shaft center /T=30° C
 backlash: 1.stage<=8 arcmin /2.stage<=12 arcmin /3.stage<=14 arcmin
 -ref. on output shaft
 max. input speed: n1=6500 1/min
 recommended input speed: n1<= 3500 1/min
 lubrication: life grease lubrication
 operation temp.: -25° C/+90° C
 efficiency: by rated load (ratio dependently)
 - ca. 96% 1.stage, ca. 94% 2.stage, ca. 90% 3.stage
 nominal output torque by n2=100 1/min
 sealing: ball bearing 2RS
 motor mounting: M2(stocked driving pinion)
 -torque of clamping screw: 16.5Nm
 method of working: S1
 operation ratio: cB=1
 protective system: IP54
 max. motor weight: static 16kg

	1-stage		2-stage		3-stage	
L1	192.8	219.8	247.3			
L2	74	101	128.5			
i=	Mn	i=	Mn	i=	Mn	
3	80	9	210	60	260	
4	100	12	260	80	260	
5	110	15	230	100	260	
8	120	16	260	120	230	
		20	260	160	260	
		25	230	200	230	
		32	260	256	260	
		40	230	320	230	
		64	120	512	120	

Mn = nominal output torque at output shaft with tumscent load (Nm)

Operating temperature may not be exceeded !

Material:
 housing: Steel - black
 input flange: Aluminum - untreated
 output flange: Aluminum - untreated

Modification reserve!
 Consider motor fitting instructions!

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REFERENCE DRAWINGS	MATERIAL	FINISH	SIZE C
DATE	1-5-07	DRAWING NO.	AA4436
SCALE	1/1	MODEL	SHEET 1 OF 1
DRAWN	T. RAINES	APPROVED	