

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

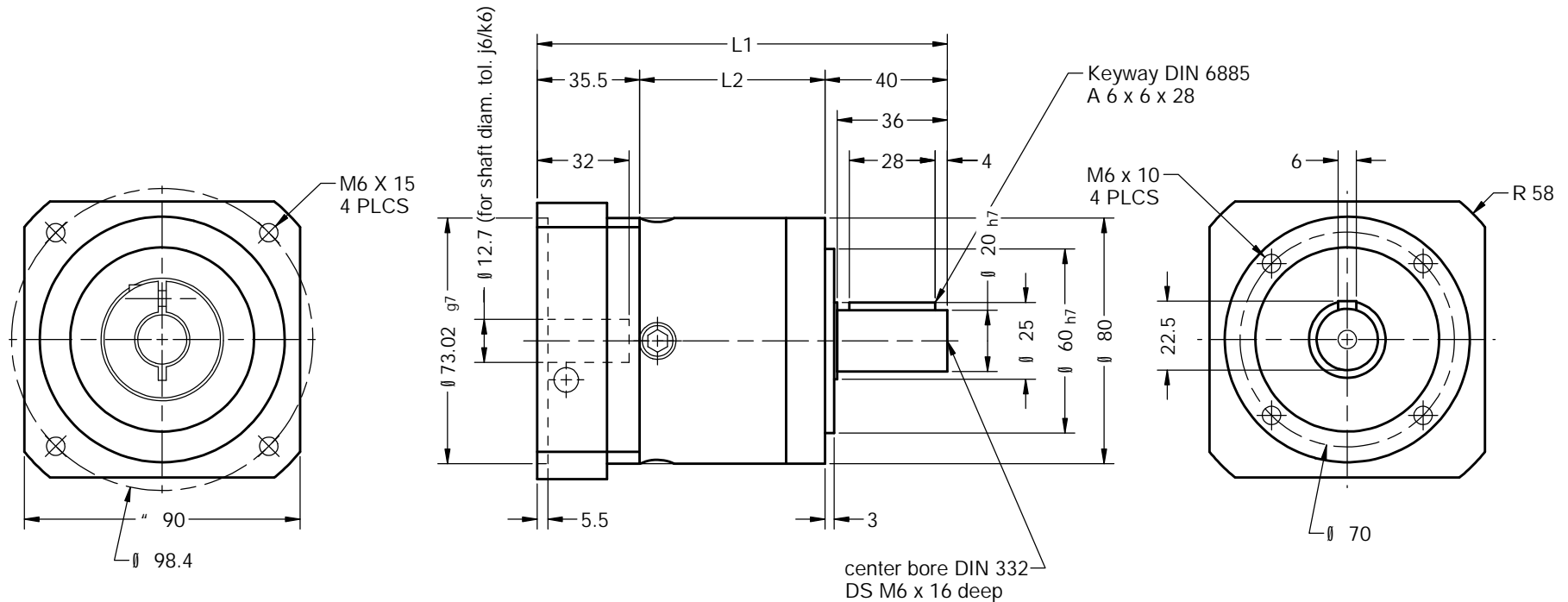
MOUNT MOTOR TO GEARBOX WITH SCREWS PROVIDED

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 ±.005 .XXX ±.010 .XXX ±.015 ANGLES ±.5 DEGREES</small>		<small>REFERENCE DRAWINGS MATERIAL FINISH</small>	
<small>DRAWN T. RAINES APPROVED</small>		<small>TITLE: PLE GEARBOX TO MOTOR MOUNTING INSTRUCTIONS</small> <small>DATE: 11-3-05 DRAWING NO: AA4485</small> <small>SCALE: 1/1 MODEL SHEET 1 OF 1</small>	

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Technical Specifications

planetary gear: straight - toothed
output shaft bearing: grooved ballbearing
-max. axial load: 1200N by n2=100 min-1/Fr=0
-max. radial load: 950N by n2=100 min-1/Fa=0
-ref. on shaft center / Lh=10.000h/T=30° C
backlash=[x] <= 9/14/16 arcmin
-ref. on output shaft
recommended motor speed: n1 <= 4000 min-1
-for i=3 n1 <= 2800 min-1
lubrication: life grease lubrication
max. operation temp.: -25° C/+90° C
efficiency: by rated load 96%/94%/90%
nominal output torque by n2=100 min-1
sealing: ball bearing 2RS
motor mounting: M2(stocked driving pinion)
-torque of clamping screw: 9.5Nm
method of working: S1
operation ratio: cB=1
protective system: IP54
max. motor weight: static 9kg

	1-stage		2-stage		3-stage	
L1	135.5		153		170.5	
L2	60		77.5		95	
i=	Mn	i=	Mn	i=	Mn	
3	40Nm	9	130Nm	60	110Nm	
4	50Nm	12	120Nm	80	120Nm	
5	50Nm	15	110Nm	100	120Nm	
8	50Nm	16	120Nm	120	110Nm	
		20	120Nm	160	120Nm	
		25	110Nm	200	110Nm	
		32	120Nm	256	120Nm	
		40	110Nm	320	110Nm	
		64	50Nm	512	50Nm	

Mn = nominal output torque at output shaft

Dimensions without tolerance instructions according to DIN ISO 2768-m-H

Modification reserve!
Consider motor fitting instructions!

Material:
output shaft: Ck 45
output flange: aluminum untreated
housing: steel - black
input flange: aluminum untreated

73.02 g7	+0.040 +0.010
60 h7	0 -0.030
20 h7	0 -0.021
fit	limits

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<small>REFERENCE DRAWINGS</small>		<small>TITLE</small> GEAR BOX - GBPN-080X-XXX-34-500	
<small>MATERIAL</small>		<small>DRAWING NO.</small> AA4435	
<small>FINISH</small>		<small>DATE</small> 10-13-06	
<small>SCALE</small> 1/1		<small>REV.</small> 1 OF 1	
<small>DRAWN</small> T. RAINES		<small>APPROVED</small>	