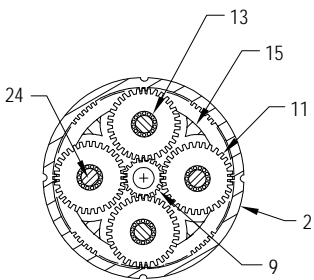


NOTES:

- ① GEAR KIT CONSISTS OF ITEMS 2, 5, 7, 108, 110 AND GEAR CARRIER ASSEMBLY ITEMS 9, 11, 12,13,15, 24, 27 & 107. KIT IS SOLD AS A SET. INDIVIDUAL ITEMS ARE NOT AVAILABLE.
- ② DRIVE FLAT FURNISHED ON X5S & X6S 75 THRU 150 ONLY. KEY (ITEM 27) FURNISHED ON X5S & X6S 200 THRU 500.
- ③ FURNISHED ON LUBRICATED MECHANICAL SEAL UNITS ONLY WHERE PEDESTAL SAFETY COVER HAS BEEN MODIFIED FOR LUBE LINE ACCESS AT BOTTOM OF SAFETY COVER.



GEAR CARRIER ASSEMBLY AND RING GEAR ①

WHEN ORDERING PARTS, SPECIFY:  
DRAWING NO., PART NAME, ITEM NO.,  
AND MIXER SERIAL NUMBER.

1	GEAR CARRIER ASSEMBLY
2	RING GEAR
5	RING GEAR RETAINING PIN
7	RETAINING RING
9	SUN GEAR
11	PLANET GEAR
12	THRUST WASHER (NOT SHOWN)
13	NEEDLE BEARING
15	CARRIER BODY
24	PLANET DOWEL PIN
27	KEY
36	HOUSING
37	BALL BEARING
38	OIL SEAL (2)
41	BALL BEARING
42	IMPELLER SHAFT
44	IMPELLER
45	SET SCREW
51	DRIVE SHAFT
52	RETAINING RING
56	RETAINING RING
59	RETAINING RING (2)
60	FLAT HEAD SCREW
62	WASHER
67	HEX HEAD CAP SCREW
68	LOCKWASHER
94	PEDESTAL BACK GUARD
95	PEDESTAL SAFETY COVER
97	SELF TAPPING SCREW
101	MOTOR
103	ADAPTER
106	MOTOR KEY
107	SUN GEAR KEY
108	GASKET
109	O-RING
110	DRIVE COUPLING ASSEMBLY
155	ADAPTER HARDWARE
191	FLANGE
236	REMOVABLE COUPLING
237	KEY
238	THRUST PLATE
239	HEX HEAD CAP SCREW (NYLOK)
258	O-RING

ITEM	PART NAME
------	-----------

ALL EQUIPMENT DESIGN AND APPLICATION DATA SHOWN HEREIN AND RELATED KNOW-HOW IS CONFIDENTIAL AND THE PROPERTY OF THE LIGHTNIN GROUP OF COMPANIES. NO USE OR DISCLOSURE THEREOF MAY BE MADE WITHOUT OUR WRITTEN PERMISSION.

**LIGHTNIN**®  
MIXERS AND AERATORS

ASSEMBLY DRAWING

**X5S75 THRU X5S500  
X6S75 THRU X6S500  
GEAR DRIVE ECL  
WITH ELECTRIC MOTOR**



© LIGHTNIN  
2001