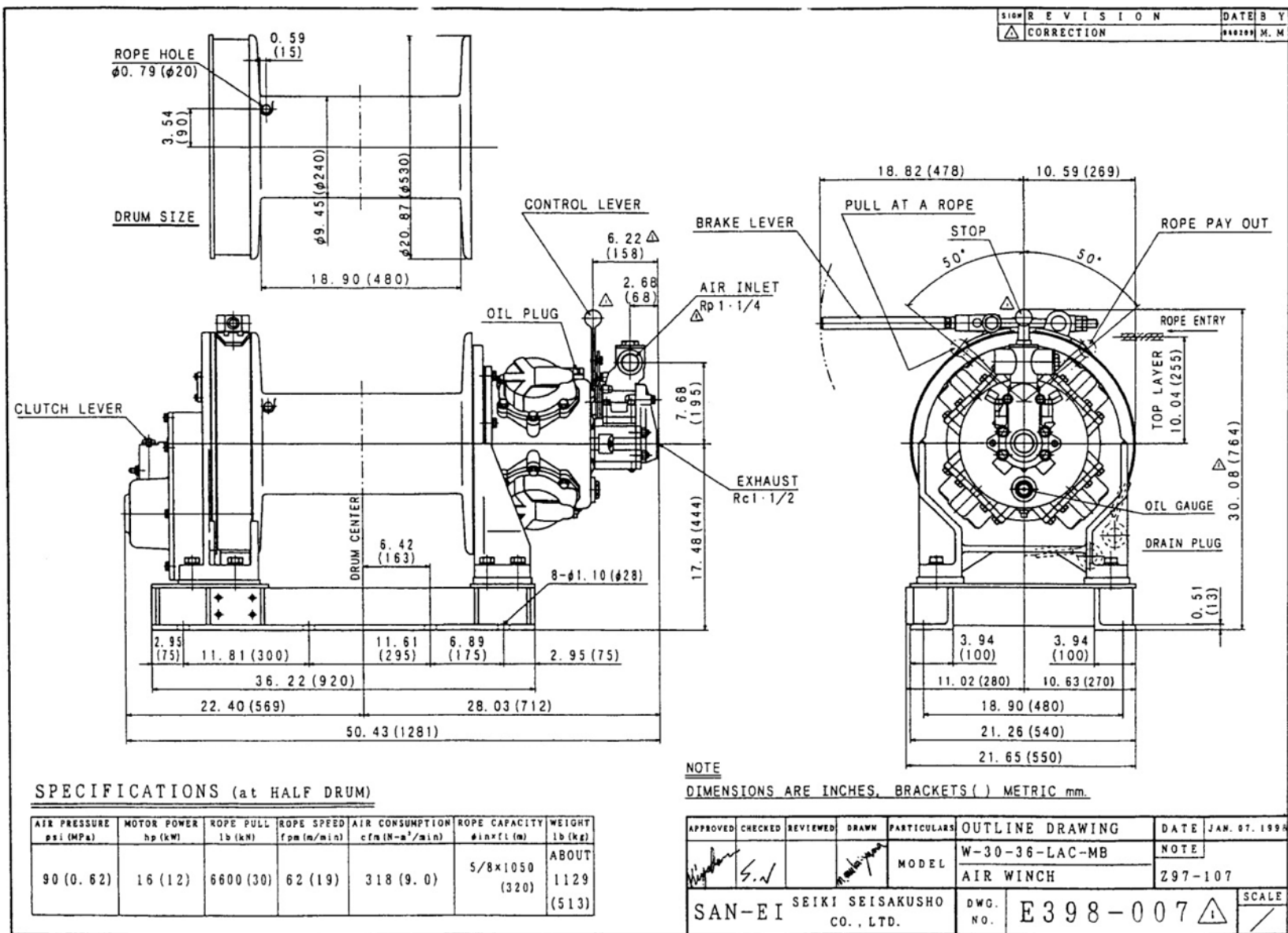




MICHIGAN PNEUMATIC TOOL, INC.

MP-W3036LACMB

6600 lb. Long Drum Winch w/ Manual Brake

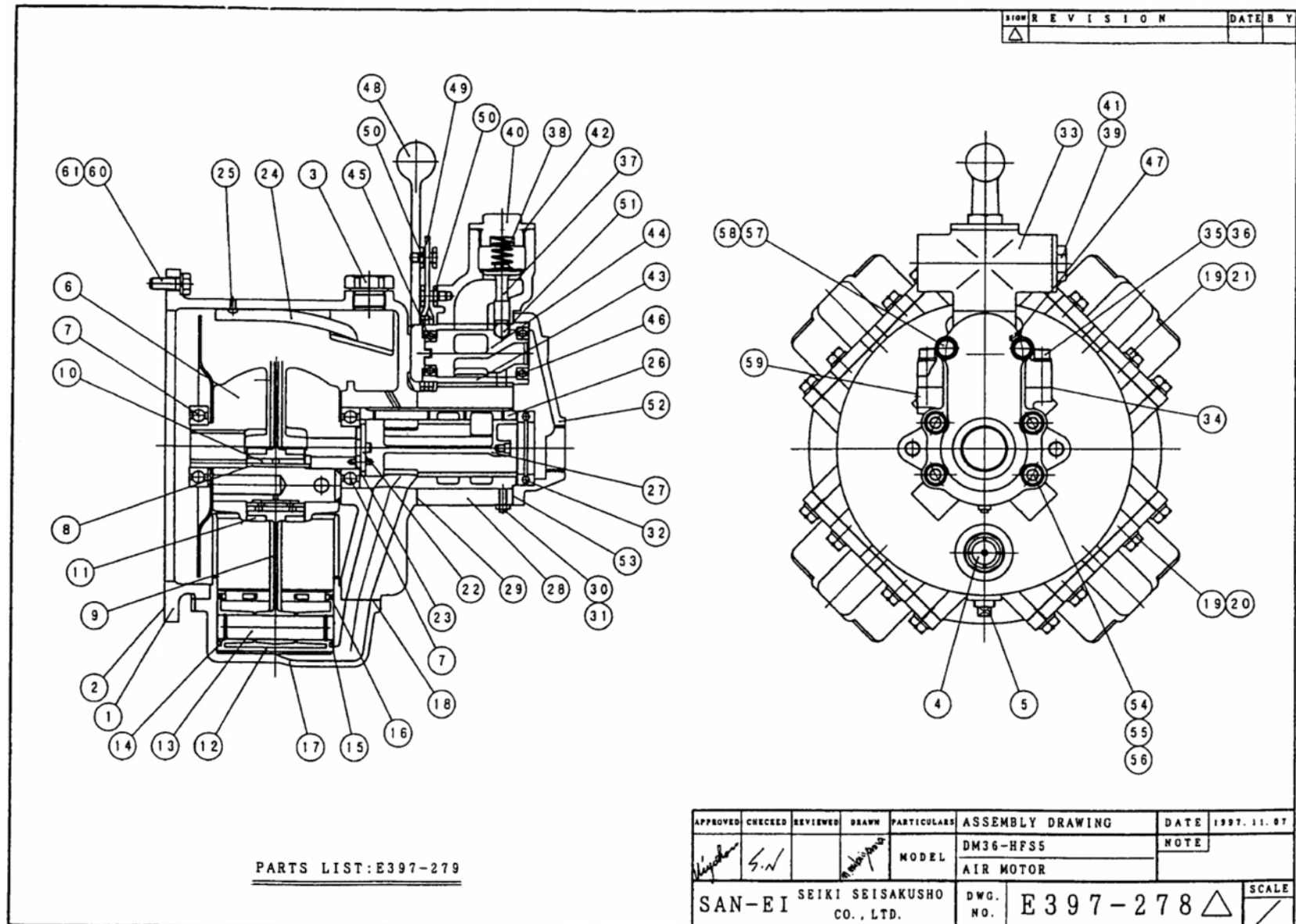




MICHIGAN PNEUMATIC TOOL, INC.

MP-W3036LACMB

6600 lb. Long Drum Winch w/ Manual Brake





MICHIGAN PNEUMATIC TOOL, INC.

MP-W3036LACMB

6600 lb. Long Drum Winch w/ Manual Brake

SIGNATURE										REVISION		DATE BY	
No.	PART NUMBER	PARTS NAME		Q'TY	REMARKS	No.	PART NUMBER	PARTS NAME		Q'TY	REMARKS		
1	E397-2801	Crank Case		1		35	E397-28035	Hex. Socket Cap Screw		4	M10x45		
2	E397-2802	Crank Case Packing		1		36	SW1-10	Spring Washer		4	10		
3	E397-2803	Oil Plug		1		37	E397-28037	Poppet Valve		1			
4	E397-2804	Oil Gauge		1		38	E397-28038	Poppet Valve Spring		1			
5	E397-2805	Plug		1	1/2B	39	E397-28039	1-1/4 Plug		1			
6	E397-2806	Crank Complete		1	Set	40	E397-28040	1-1/2 Plug		1			
7	B-6209	Ball Bearing		2	8209	41	OR-P38	O Ring		1	P38		
8	E397-2808	Shaft Sleeve		1		42	OR-P44	O Ring		1	P44		
9	E397-2809	Connecting Rod		4		43	E397-28043	Control Valve Sleeve		1			
10	E397-28010	Rod Bearing		1		44	E397-28044	Control Valve		1			
11	E397-28011	Rod Ring		2		45	B-6005	Ball Bearing		1	6005		
12	E397-28012	Piston		4		46	B-6006	Ball Bearing		1	6006		
13	E397-28013	Piston Pin		4		47	E397-28047	Hex. Socket Set Screw		1	M6x12		
14	E397-28014	Piston Circle Clip		8		48	E397-28048	Control Lever		1			
15	E397-28015	Piston Ring		4		49	E397-28049	Lever Spring		1			
16	E397-28016	Oil Ring		4		50	E397-28050	Spring Support		2			
17	E397-28017	Cylinder		4		51	SB-0475	Ball		1	#15		
18	E397-28018	Cylinder Packing		4		52	E397-28052	Valve Cover		1			
19	E397-27418	Hex. Bolt		24	M12x30	53	E397-28053	Valve Cover Packing		1			
20	E397-28020	Cylinder Bolt Washer		12		54	E397-28054	Valve Body Bolt		4			
21	SW2-12	Spring Washer		12	12	55	E397-28055	Hex. Nut		4	M12		
22	E397-28022	Valve Coupling		1		56	SW2-12	Spring Washer		4	12		
23	SNP-420	Spring Pin		1	#4x20	57	E397-28057	Hex. Bolt		2	M10x50		
24	E397-28024	Oil Guide		1		58	SW2-10	Spring Washer		2	10		
25	E397-28025	Cross Recessed Head Screw		2	M6x20	59	PHP-T20	Hex. Socket Plug		1	1/4B		
26	E397-28026	Valve Sleeve		1		60	E397-27450	Hex. Bolt		8	M12x35		
27	E397-28027	Rotary Valve		1		61	SW2-12	Spring Washer		8	12		
28	E397-28028	Valve Body		1									
29	E397-28029	Valve Body Packing		1									
30	E397-28030	Hex. Socket Set Screw		1	M8x25								
31	E397-28031	Hex. Nut		1	M8-3								
32	E397-28032	Thrust Bearing		1	2911								
33	E397-28033	Control Valve Body		1									
34	E397-28034	Control Valve Body Packing		1									

ASSEMBLY DRAWING: E397-278

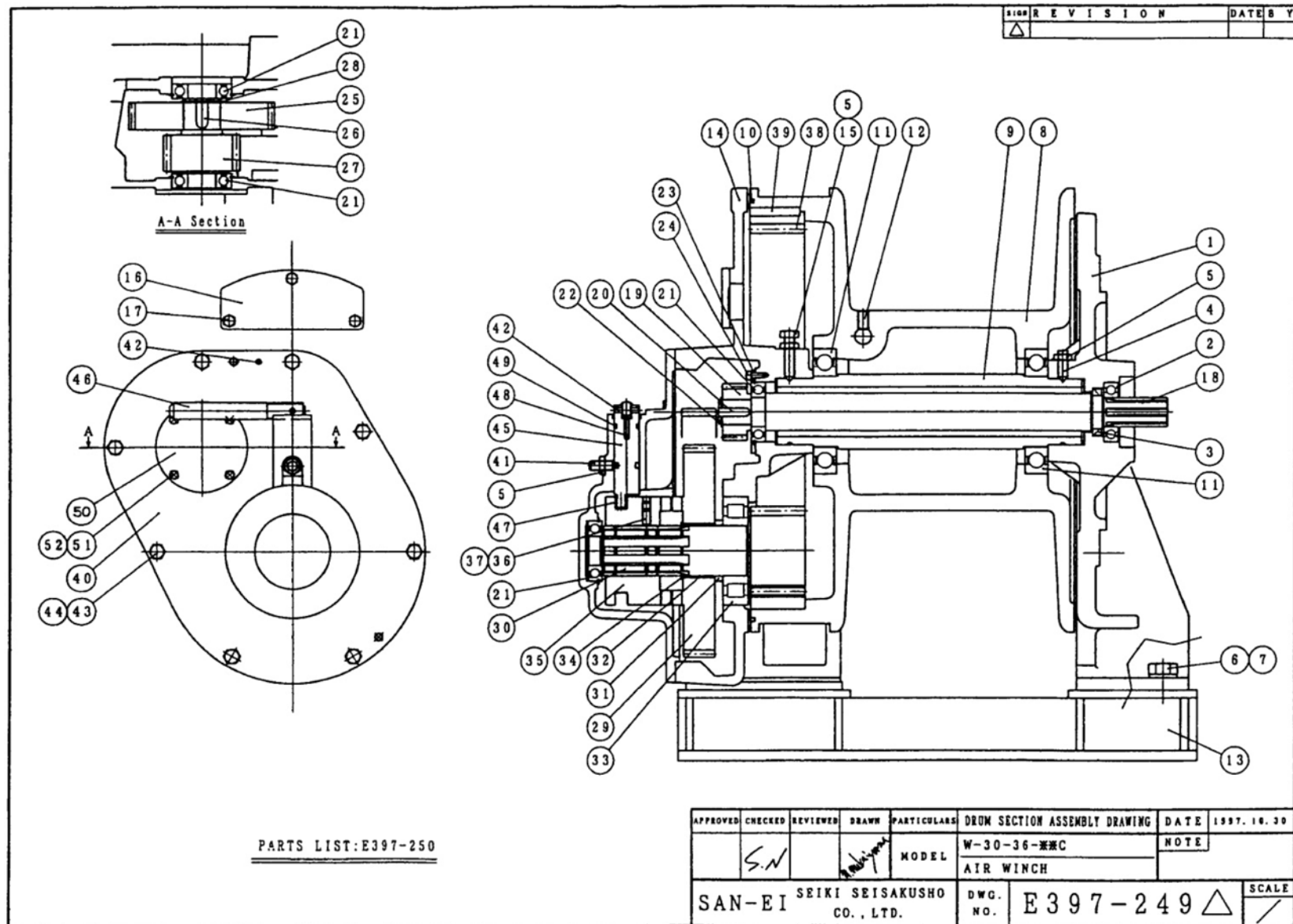
APPROVED	CHECKED	REVIEWED	DRAWN	PARTICULARS	PARTS LIST	DATE	1997.11.07
				MODEL	DM36-HFS5	NOTE	
					AIR MOTOR		
SAN-EI SEIKI SEISAKUSHO CO., LTD.					DWG. NO.	E397-279	SCALE



MICHIGAN PNEUMATIC TOOL, INC.

MP-W3036LACMB

6600 lb. Long Drum Winch w/ Manual Brake





MICHIGAN PNEUMATIC TOOL, INC.

MP-W3036LACMB

6600 lb. Long Drum Winch w/ Manual Brake

					REVISION		DATE BY		
					Correction		7/2/25 H.M.		
No.	PART NUMBER	PARTS NAME	QTY	REMARKS	No.	PART NUMBER	PARTS NAME	QTY	REMARKS
1	E397-2491	Crank Case Cover	1		34	E397-25333	Retaining Ring	1	S60
2	B-6207ZZ	Ball Bearing	1	6207	35	E397-24935	Clutch	1	
3	E397-2493	Oil Seal	1	SC40588	36	E397-24533	Plunger	1	PBF-10-KS
4	E397-2534	Hex.Socket Set Screw	1	M12x40	37	E397-24534	Hex.Socket Set Screw	1	M10x10
5	E397-27442	Hex. Nut	3	M12-3	38	E397-24938	Internal Gear	1	
6	E397-2456	High Grade Hex. Bolt	8	M20x60 (12.9)	39	E397-25338	Parallel Pin	2	Ø10x60
7	E397-2457	Spring Washer	8	20	40	E397-24940	Gear Case Cover	1	
8	E397-2498L	Drum	1		41	E397-24538	Plunger	1	SP12-1
9	E397-2499L	Drum Shaft	1		42	SNP-628	Spring Pin	2	Ø6x28
10	E397-24910	Packing	1		43	E397-24943	Hex. Bolt	8	M10x30 △
11	E397-24911	Ball Bearing	2	6217ZZ	44	SW2-10	Spring Washer	8	10
12	E397-24912	Hex.Socket Set Screw	1	M12x20	45	E397-24542	Clutch Eccentric	1	
13	E397-24913L	Bed	1		46	E397-24543	Clutch Lever	1	
14	E397-24914	Gear Case	1		47	E397-24544	Inner Ring	1	IR10x14x16
15	E397-24915	Drum Shaft Set Bolt	1		48	E397-24545	Plunger	1	SP-8-2
16	E397-24916	Gear Case Plate	1		49	OR-P24	O Ring	1	P24
17	E302-11135	Hex. Bolt	3	M8x25	50	E397-24950	Cover	1	
18	E397-24918L	Motor Shaft	1		51	E397-27049	Hex. Bolt	4	M6x20
19	E397-24919	First Pinion	1		52	SW2-6	Spring Washer	4	6
20	E397-24920	Key	1	10x8x33					
21	E397-24520	Ball Bearing	4	6207ZZNR					
22	SR-S30	Retaining Ring	1	S30					
23	E397-24923	Bearing Support	1						
24	CS-616	Hex.Socket Cap Screw	3	M6x16					
25	E397-24925	First Gear	1						
26	E397-24926	Key	2	14x9x30					
27	E397-24927	Second Pinion	1						
28	E397-2555	Retaining Ring	1	S45					
29	E397-24929	Second Gear	1						
30	E397-24930	Third Pinion	1						
31	E397-24931	Collar	1						
32	E397-24932	Gear Bushing	1	R-ML6040					
33	E397-24933	Roller Bearing	1	NJ312					

ASSEMBLY DRAWING: E397-249

APPROVED	CHECKED	REVIEWED	DRAWN	PARTICULARS	DRUM SECTION PARTS LIST	DATE	INVT. 18. 39
S.N.				MODEL	W-30-36-HHC		NOTE
					AIR WINCH		
SAN-EI SEIKI SEISAKUSHO CO., LTD.					DWG. NO.	E397-250 △	SCALE

