



Note

1. All pins and set screws shall be locked perfectly.
2. All sliding parts (except oil room) shall be applied Three Bond No. 1901.

This gap shall be made more than 0.5 mm when change-over valve (114) is set lower and limit.

PARTS LIST NO. ST78202Z

REV.	DATE	NAME	APPROVED	BY	NO.	REVISIONS
1	July 31, 1964	Kobayashi	[Signature]		1	
2	Aug. 3, 1964	Y. HARA	[Signature]		2	
3					3	
4					4	
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6					6	
7					7	
8					8	

Fuji Electric Co., Ltd.

Electro-Hydraulic converter with MSV opening device

ST356282

PARTS LIST TO DRAWING NO. ST356282

SHEET NO. 1/7

DESCRIPTION: Electro-Hydraulic converter
with MSV opening device

C-	C-	DESCRIPTION, NOMINAL DIMENSION	PART	MATERIAL	REMARKS
QUANTITY					
	1	GOVERNOR BOX	1	AC4C	
	1	BLIND FLANGE, 15	4	S25C	
	1	O RING, G25-N	5	GUM	
	1	COVER	8	SS400	
	1	STAND	9	S25C	
	1	CASING	10	S25C	
	1	COVER	13	AC4C	
	1	PIVOT	15	12CRMOV STEEL	
	1	SET SCREW, M4X6	16	SCM STEEL	
	1	HEX. NUT, M10	17	STAINLESS STEEL	
	1	TAPER PIN, 3X32	18	STAINLESS STEEL	
	2	HEX. SOCKET HEAD BOLT M8X20	23	SCM STEEL	
	9	HEX. SOCKET HEAD BOLT M8X25	24	SCM STEEL	
	6	HEX. SOCKET HEAD BOLT M8X20	25	SCM STEEL	
	1	O-RING, G90-N	26	GUM	
	1	SEAT	28	SK3	
	1	SPRING HOLDER	29	SS400	
	1	SEAT	30	SK3	
	1	PIN 12X51	31	12CRMOV STEEL	
	2	RETAINING RING C, 12	32	STAINLESS STEEL	
	1	HEX. SOCKET HEAD BOLT M5X16	33	SCM STEEL	
	1	RETAINING RING E, 4	34	STAINLESS STEEL	
	4	HEX. NUT, M6	35	STAINLESS STEEL	
	1	LEVER	36	SS400	
	1	PIN	37	12CRMOV STEEL	
	2	PIN	38	12CRMOV STEEL	
	6	RETAINING RING E, 5	39	STEEL	
	2	HEX. NUT (LEFT), M6	40	SS400	
	2	ROD END JOINT, RBTL6E	41	STAINLESS STEEL	
	2	ROD END JOINT, RBT6E	42	STAINLESS STEEL	
	3	HEX. SOCKET HEAD BOLT M10X20	43	SCM STEEL	

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	DATE	NAME	APPROVED
DRAWN	Jul. 31, '96	kubt	
CHECKED	Jul. 31, '96	Y. HORI	
REVISIONS			<i>Y. Hori</i>

Fuji Electric Co., Ltd.

DRG. NO.

ST782027 (1/7)

PARTS LIST TO DRAWING NO. ST356282

SHEET NO. 2/7

DESCRIPTION:

C-	C-	DESCRIPTION, NOMINAL DIMENSION	PART	MATERIAL	REMARKS
QUANTITY					
	1	JOINT	44	SGD3	
	1	JOINT	45	SGD3	
	2	M LINER BEARING, ML1214	46	LURON+SPC	
	1	SPINDLE	47	12CRMOV STEEL	
	1	O-RING, G35-N	48	GUM	
	1	BUSH	49	FCD45	
	1	ROD SEAL, UPI-12-25-8	51		
	1	HOLDER	52	12CRMOV STEEL	
	6	HEX. NUT M10	53	STAINLESS STEEL	
	1	BUSH	54	12CRMOV STEEL	
	1	O-RING, P25-N	56	GUM	
	1	SLEEVE	57	FCD45	
	1	BUSH	62	FCD45	
	1	LEVER	64	12CRMOV STEEL	
	1	PIN	65	12CRMOV STEEL	
	1	LEVER STAND	66	SS400	
	2	THRUST WASHAR	67	NTN LURON	
	2	HEX. SOCKET HEAD BOLT M6X25	68	SCM3	
	2	TAPER PIN, 4X30	69	SS400	
	10	HEX. SOCKET HEAD BOLT M6X16	73	SCM3	
	4	HEX. SOCKET HEAD BOLT M6X12	74	SCM3	
	1	COVER	76	SS400	
	1	SEAT PACKING	77	THREE SEAT 203S	
	1	PUSH ROD	78	SK3	
	1	SPRING SEAT	79	SS400	
	1	HOLDER	80	SS400	

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DWG. NO.

ST782027

(2/7)

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PARTS LIST TO DRAWING NO. ST356282

SHEET NO. 3/7

DESCRIPTION:

C-	C-	DESCRIPTION, NOMINAL DIMENSION	PART	MATERIAL	REMARKS
QUANTITY					
	1	PIN	83	12CRMOV STEEL	
	1	TAPER PIN, 3X25	84	SS400	
	1	LEVER	85	AC4C	
	1	HOLDER	91	SS400P	
	2	SET SCREW, M4X10	92	SCM3	
	4	HEX. HEAD BOLT M10X60	93	SS400	
	2	SPRING HOLDER	94	SGD3	
	16	HEX. HEAD BOLT M10X35	96	SS400	
	8	HEX. HEAD BOLT M10X55	97	SS400	
	4	HEX. HEAD BOLT M12X65	98	SS400	
	28	TONGUED WASHER, M10	99	STAINLESS STEEL	
	4	TONGUED WASHER, M12	100	STAINLESS STEEL	
	2	STEEL BALL, 3/8	101	STEEL	
	1	PISTON	103	SCM415	
	1	COVER	104	SS400	
	1	SEAT PACKING	105	THREE SEAT 203S	
	1	SLEEVE	107	SACM645	
	2	O-RING, G60-N	108	GUM	
	1	O-RING, G55-N	109	GUM	
	2	SCREW, M5X10	110	STAINLESS STEEL	
	1	POINTER	111	SUS304	
	1	O-RING, G45-N	112	GUM	
	2	HEX. HEAD BOLT, M8X16	114	STAINLESS STEEL	
	2	TAPER PIN, 3X20	116	STAINLESS STEEL	

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Fuji Electric Co., Ltd.

DMG. NO.

ST782027

(3/7)

DESCRIPTION:

C-	C-	DESCRIPTION, NOMINAL DIMENSION	PART	MATERIAL	REMARKS
QUANTITY					
	1	SCALE	117	SUS304	
	1	CAP NUT	118	12CRMOV121 STEEL	
	1	TAPER PIN, 2X16	119	STAINLESS STEEL	
	1	RING	120	12CRMOV121 STEEL	
	1	TAPER PIN, 4X40	121	STAINLESS STEEL	
	1	GUIDE PIN	122	12CRMOV121 STEEL	
	1	TAPER PIN, 3X36	123	STAINLESS STEEL	
	2	STUD BOLT, M10X85	129	SGD3	
	2	SCREW STUD TAPER PIN, 5X40	131	S35C	
	1	ROD SEAL, UPI-16-26-8	132		
	1	PLATE	133	SUS304	
	1	HOLDER	134	12CRMOV121 STEEL	
	2	TONGUED WASHER, M8	135	STAINLESS STEEL	
	1	TAPER PIN, 4X25	138	STAINLESS STEEL	
	1	PLAIN WASHER, M10	139	SS400	
	1	SPINDLE	146	12CRMOV121 STEEL	
	1	COMPRESSION COIL SPRING	147	SWPA	

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DMG. NO.

ST782027

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PARTS LIST TO DRAWING NO. ST356282

SHEET NO. 5/7

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C-	C-	DESCRIPTION, NOMINAL DIMENSION	PART	MATERIAL	REMARKS
QUANTITY					
2		HEX. NUT, M4	156	STAINLESS STEEL	
3		HEX. SOCKET HEAD BOLT, M10X25	158	SCM3	
3		DISK SPRING, CDW-L-M10	159		
1		GUIDE	161	FCD45	
1		DU BUSH, MB1612DU	162		
1		COVER	163	SS400	
1		SEAT	164	SS400	
1		SEAT	165	SS400	
1		THROTTLE, M18 P1.5X65	168	SS400	
1		THROTTLE, M18 P1.5X65	169	SS400	
2		PACKING, 19X32	171	ARMCO STEEL	
5		O-RING, P25-N	173	GUM	
1		SET SCREW, M5X6	174	STEEL	
1		O-RING, G85-N	175	GUM	
2		BALL BEARING, RF-2280ZZ	176		
2		SLEEVE	177	SS400	
1		HOLDER	179	SS400+SK3	
1		SEAT	180	SS400	
2		NEEDLE BEARING, TLA810	181		
1		PIN	182	12CRMOV STEEL	
2		RETAINING RING E, 6	183	STEEL	
1		SPRING PIN, 2X18AW	184	STAINLESS STEEL	
1		TENSION COIL SPRING	185	SWPA	

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PARTS LIST TO DRAWING NO. ST356282

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C-	C-	DESCRIPTION, NOMINAL DIMENSION	PART	MATERIAL	REMARKS
QUANTITY					
1		TENSION ROD	187	12CRMOV STEEL	
1		ADJUSTING BOLT, M8	189	SS400	
1		BUSH	193	12CRMOV STEEL	
1		HOLDER	195	12CRMOV STEEL	
8		HEX. SOCKET HEAD BOLT, M10X85	199	SCM STEEL	
6		HEX. SOCKET HEAD BOLT, M12X75	200	SCM STEEL	
1		O-RING, P30-N	202	GUM	
1		CAP	225	12CRMOV STEEL	
1		CAP	226	12CRMOV STEEL	
1		DUST SEAL, DSI12.5-20.5-4.5	227		
1		O-RING, P32-N	229	GUM	
1		SCREW STUD TAPER PIN, 6X45	230	SS400	
1		HEX. NUT, M5	231	SS400	
1		PLAIN WASHER, M5	232	12CRMOV STEEL	
1		LEVER	233	12CRMOV STEEL	

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PARTS LIST TO DRAWING NO. ST356282

SHEET NO. 7/7

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C-	C-	DESCRIPTION, NOMINAL DIMENSION	PART	MATERIAL	REMARKS
QUANTITY					
2		PLAIN WASHER, M4	248	SS400	
12		HEX. SOCKET HEAD BOLT, M6X20	249	SCM STEEL	
1		AIR BREATHER, AP-04	251		
1		ELBOW, 1/2	252	FCMB	
1		NIPPLE, 1/2	253	FCMB	
1		BLOCK	261	SS400	
1		O RING, P10A-N	262	GUM	
4		STUD BOLT, M8X83	263	S35C	
4		SPRING WASHER, M8	264	STEEL	
4		PLAIN WASHER, M8	265	SS400	
4		HEX. NUT, M8	266	SS400	
1		PACKING, 22X27	268	A1050	
1		HALF NIPPLE	269	SGD3	

DATE		NAME		APPROVED		Fuji Electric Co.,Ltd.			
DRAWN	Jul.31, '96	kubt				DWG. NO. ST782027 (7/7)			
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